STATIONS OF THE SECOND ORDER 1881.

DANGERFIELD, LITH. 22, BEDFORD ST. COVENT GARDEN. 11176.

Official, No. 66.

METEOROLOGICAL OBSERVATIONS

AT

STATIONS OF THE SECOND ORDER

For the Year 1881.

Published by Direction of the Meteorological Council.

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1886.

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E 18296.

ERRATA.

Page 7. Scaleby, 31st, 9 p.m. :—Air Temperature and Relative Humidity; for "*40·0*" "*84*" read "*39·2*" "*87*"; Mean Humidity; for "88·6" read "88·7."

„ 12. Carmarthen, 22nd: — Minimum Temperature; for "12·5" read "12·1"; Mean Minimum; for "25·1" read "25·0."

„ 20. Laudale, 7th :—Remarks; add "/ (force 8 from S.) *p*."

„ 35. Laudale, 5th :—Remarks; add "/ (force 7) during day."

„ 39. Buxton, 31st, 9 a.m. :—Cloud-amount; for " " read "6"

„ 61. Babbacombe, 22nd, 9 p.m. :—Wind Direction; for "NW." read "N."

„ 65. Laudale, 25th :—Remarks; add "/ (force 7) *p*."

„ 73. Marlborough, 9 p.m. :—Mean Vapour Tension; for "·387" read "·287."

„ 87. Carmarthen, 17th, 9 p.m. :—Wind Direction; for "SE." read "SW."

„ 95. Laudale, 6th :—Remarks; add "/ (force 7) *p*."

„ „ „ 11th :—Remarks; add "/ (force 7) *a*."

„ 125. Laudale, 28th, 9 a.m. :—Wind Direction; for "SE." read "S."

„ 130. Hillington, 5th, 9 p.m. :—Wind Direction; for "S." read "E."

„ „ Uppingham, 15th, 9 p.m. :—Wind Direction; for "C " read "Calm."

„ 143. Douglas :—Mean Minimum Temperature; for "42·4" read "42·2."

„ 146. Geldeston, 20th :—Remarks; for "(force 7)" read "(force 6)."

„ 165. St. Leonards, 22nd, 9 a.m. :—Wind Direction; for "W W." read "WSW."

ADDITIONAL ERRATA FOR 1880.

Page 234. St. Aubin's, September. For "141 *38*," read "151 *41*."

„ „ „ October. For "126 *38*," read "116 *35*."

OBSERVATIONS

AT

STATIONS OF THE SECOND ORDER, 1881.

Part I.—Detailed Observations.

THE changes in the stations, observations from which are published *in extenso* on Form A., are, as compared with the list for 1880, as follow:—

Glenalmond (where the observer, Rev. W. Percy Robinson, D.D., died in March, 1881); Durham; Kelstern, Lincolnshire; and Oscott College, near Birmingham, disappear from the list, while Scarborough (observer, F. Shaw, F.R.Met.Soc.) appears for the first time. In the case of both Durham and Oscott, however, the Monthly Means and Summaries will continue to appear as usual in Part II.

The general plan of the publication is the same as in previous years. It should, however, be observed that in the case of the stations belonging to the Scottish Meteorological Society, the examination, and correction if required, of the observations has been completed by Mr. Buchan, F.R.S.E., the Secretary of that Society, while the reduction of the observations has been, as for 1880, carried out in the Meteorological Office.

With regard to these stations, it should be remarked that the observations, having been taken originally with a view to their publication as monthly sums and means only, and not *in extenso*, the same amount of minuteness was not in every case insisted upon as at other stations. Thus, at Dundee the barometer was only read to hundredths of an inch, and the thermometers to the nearest whole degree, while at Dunrobin, Pinmore, and Rothesay the wind-force and the cloud-amount were omitted. At Braemar and Dundee the scale for wind-force hitherto employed has been 0–6, and the entries under this scale have been multiplied by two to make them comparable with observations under the Beaufort scale. Steps have been taken to bring the future returns at all these stations into closer accordance with the rest of the system.

The corrections which have been applied to the readings of the various instruments at these stations were determined by Mr. Buchan, the Inspector for Scotland and Secretary of the Scottish Meteorological Society, on his inspection tour in the summer of 1883.

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

E 18296. 300.—8/85. Wt. 6955. E. & S.

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

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

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

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

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

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

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

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

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

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

The minimum and maximum thermometers have been read and set at 9 p.m. (except at Laudale, where the minima were observed at 9 a.m.), and the readings entered to the day on which they were read.

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

In Relative Humidity, complete saturation is represented by 100.

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

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

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

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

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

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

Figures printed in *italic type* are interpolations, obtained by careful comparison of the Returns from adjacent stations; they have been used for obtaining the means for the months.

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

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

Stations.	Observers.
†Dunrobin Castle	Mr. D. Melville.
†Braemar	James Aitken, F.R.Met.Soc.
Laudale, Argyleshire	Mr. A. Fletcher (for T. H. G. Newton, M.A., F.R.Met.Soc.).
†Dundee	W. Ross M'Kelvie, Esq.
†Rothesay, Isle of Bute	James Kay, Esq.
†Pinmore, Ayrshire	Mr. Peter Donald.
*Scaleby (near Carlisle)	R. A. Allison, F.R.Met.Soc.
*Scarborough	F. Shaw, F.R.Met.Soc.
Douglas, Isle of Man	A. W. Moore, M.A., F.R.Met.Soc.
*Wakefield	H. Clarke, L.R.C.P., F.S.S., F.R.Met.Soc.
*Llandudno	J. Nicol, M.D., F.R.Met.Soc.
*Buxton	E. J. Sykes, M.B., F.R.A.S., F.R.Met.Soc.
*Hillington, Norfolk	Rev. H. Ffolkes, M.A., F.R.Met.Soc.
Uppingham	Rev. G. H. Mullins, M.A., F.R.Met.Soc.
*Churchstoke, Montgomeryshire	P. Wright, F.C.S., F.R.Met.Soc.
Geldeston (Beccles)	E. T. Dowson, F.R.Met.Soc.
*Cheltenham	R. Tyrer, B.A., F.R.Met.Soc.
*Carmarthen	G. J. Hearder, M.D.
*Marlborough	Rev. T. A. Preston, M.A., F.R.Met.Soc.
*Strathfield Turgiss, Hants	Rev. C. H. Griffith, B.D., F.R.Met.Soc.
*Ramsgate	Rev. E. T. Egan, O.S.B.
Southampton (Ordnance Survey Office)	Mr. J. T. Cook (for Director General of Survey).
St. Leonards	H. Colborne, M.R.C.S., F.R.Met.Soc.
*Dartmoor (Princetown)	Mr. W. H. Tooker.
*Babbacombe (Torquay)	E. E. Glyde, F.R.Met.Soc.
St. Aubin's, Jersey	J. E. Vibert, M.A.
Londonderry	J. Conroy, F.R.Met.Soc.
Markree Castle, Sligo	E. Salles (for Colonel Cooper, F.R.A.S.).
Dublin	J. W. Moore, M.D., F.R.Met.Soc.
Parsonstown (Birr Castle)	W. Harding and G. Phillips (for the Earl of Rosse, F.R.S.).

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

Dunrobin Castle.

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

JANUARY 1881.

Day.	Barometer at 32° and M. S. L. 9 a.m.	9 p.m.	Air Temperature. 9 a.m.	9 p.m.	Min.	Max.	Tension of Vapour. 9 a.m.	9 p.m.	Relative Humidity. 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	29·949	29·999	43·2	46·6	35·4	48·3	·253	·273	90	87	SW	W	—	—	·070	Thaw. Dull.
2	30·055	30·094	44·4	42·2	40·5	48·3	·250	·237	86	88	W	SW	—	—	—	Fine and mild. Snow gone.
3	·031	·000	42·6	46·2	38·6	47·0	·229	·236	84	76	NW	W	—	—	—	Fine day.
4	·265	·427	35·5	35·3	32·5	48·7	·203	·187	98	91	W	NW	—	—	—	Fine.
5	·514	·631	31·3	33·3	30·5	42·0	·176	·133	100	69	NE	NW	—	—	—	⌴ *a.*
6	·728	·785	27·5	25·8	25·5	36·7	·115	·130	77	93	NW	NW	—	—	—	⌴ *a.*
7	·745	·727	22·3	30·3	22·3	37·0	·120	·165	100	98	NW	NE	—	—	—	⌴ *a.*
8	·596	·522	27·1	31·3	25·5	34·2	·148	·172	100	97	NW	NE	—	—	—	⌴ *a.* ≡⁰ (mist).
9	·391	30·288	28·3	28·3	24·3	36·7	·155	·132	100	86	NW	NW	—	—	—	Dull *a.* Clear *p.*
10	30·171	29·983	33·1	28·3	28·3	36·2	·168	·120	89	78	NW	NW	—	—	—	Dull. ✱⁰ showers.
11	29·782	·675	25·8	27·3	25·5	31·6	·107	·133	77	90	NW	N	—	—	·170	✱ showers.
12	·702	·894	30·3	26·3	24·7	35·2	·157	·143	93	100	E	NE	—	—	·090	✱ 2 inches deep. ⸸
13	·858	·891	17·8	21·5	17·8	29·6	·097	·116	100	100	N	NW	—	—	·080	✱ 1 inch deep.
14	·903	·824	21·8	28·3	20·3	30·2	·107	·140	92	91	NW	NW	—	—	·350	✱ showers *p.*
15	·747	·734	26·8	25·3	24·0	29·6	·129	·137	89	100	NW	NW	—	—	·180	✱ 4 inches deep.
16	·695	·701	21·3	22·3	19·5	32·4	·098	·120	86	100	NW	W	—	—	·050	✱ 2 inches deep. Clear *p.*
17	·699	·839	18·3	16·3	13·5	33·9	·093	·091	93	100	W	NW	—	—	—	Clear.
18	·884	·799	29·5	27·8	15·5	37·3	·164	·152	100	100	NE	NE	—	—	·160	Dull.
19	·761	29·767	29·3	28·1	27·5	33·9	·148	·136	91	89	NE	N	—	—	—	✱ 2 inches deep.
20	29·997	30·256	27·8	26·3	25·0	31·4	·143	·143	94	100	N	N	—	—	·050	⸸. Clear.
21	30·441	·392	29·1	28·8	26·3	35·4	·152	·159	94	100	N	W	—	—	—	Clear.
22	·272	·234	33·3	32·3	27·5	37·0	·170	·157	89	85	NW	NW	—	—	—	Dull.
23	·240	30·194	28·8	21·8	20·0	35·2	·144	·107	91	92	NW	NW	—	—	—	Clear.
24	30·061	29·962	37·4	37·4	21·8	41·3	·194	·185	87	83	W	W	—	—	—	Dull. Slight thaw.
25	29·865	·787	36·5	28·5	28·5	43·5	·179	·151	83	96	W	W	—	—	—	
26	·615	·474	23·3	22·5	22·0	36·7	·092	·114	74	94	NW	W	—	—	—	Clear.
27	29·233	29·135	28·8	34·5	21·5	37·3	·117	·192	75	96	NE	NW	—	—	·090	Frosty *a.* Mild *p.* ●
28	28·998	28·993	34·5	37·6	32·5	40·5	·196	·205	98	91	NW	E	—	—	—	
29	28·891	28·943	38·6	37·9	36·6	40·0	·220	·207	94	91	SE	SE	—	—	—	Mild and thawing.
30	29·042	29·136	37·6	38·6	37·6	41·5	·201	·220	90	94	NE	NE	—	—	—	Mild and thawing.
31	29·274	29·483	36·8	37·1	33·5	42·3	·200	·188	92	85	W	W	—	—	—	Mild and thawing. ♕
Means	29·916	29·922	30·6	30·8	26·6	37·8	·159	·161	90·5	91·6	—	—	—	—	1·290	

Braemar.

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

JANUARY 1881.

Day.	Barometer 9 a.m.	9 p.m.	Air Temp. 9 a.m.	9 p.m.	Min.	Max.	Vapour 9 a.m.	9 p.m.	Humidity 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	30·015	30·106	40·6	41·8	33·9	43·3	·212	·262	84	99	SW 2	W 2	7	9	·020	Dull day.
2	·168	·175	41·6	41·4	40·5	43·5	·220	·201	84	78	SW 3	SW 6	7	7	—	Dull day.
3	·102	·060	39·7	40·8	39·7	42·9	·197	·215	80	85	SW 6	SW 4	6	8	—	Dull day. Meteors seen.
4	·288	·458	33·1	23·7	23·7	42·5	·181	·127	96	100	E 0·5	E 0·5	2	0	—	Fair and clear.
5	·573	·716	16·7	17·2	16·7	39·3	·093	·095	100	100	E 0·5	E 0·5	2	0	·150	Fair and clear.
6	·774	·844	20·8	14·5	14·5	36·9	·112	·084	100	100	E 0·5	E 0·5	3	0	—	Fair and clear.
7	·845	·787	9·2	9·7	9·2	34·6	·066	·067	100	100	E 0·5	E 0·5	0	0	—	Fair and clear.
8	·689	·550	9·7	18·7	9·4	35·4	·067	·102	100	100	E 0·5	E 0·5	0	4	—	Fair and clear.
9	·475	·350	9·9	12·9	9·9	33·0	·068	·078	100	100	E 0·5	E 0·5	0	0	—	Fair and clear.
10	30·166	30·030	29·0	27·0	12·9	31·7	·160	·137	100	94	E 4	W 1	7	10	—	Fair and clear.
11	29·780	29·601	25·0	24·7	19·4	30·7	·125	·133	92	100	NW 1	NW 0·5	8	8	—	Dark day.
12	·602	·798	26·0	22·0	21·7	28·9	·141	·118	100	100	NW 6	NE 6	10	0	—	✱ ⸸
13	29·867	·991	3·9	−2·3	−2·3	28·5	·052	·039	100	100	E 0·5	E 0·5	2	0	—	Fair and clear.
14	30·037	·734	0·2	23·9	−2·3	25·7	·044	·128	100	100	E 0·5	SW 2	0	8	—	Fair and clear.
15	29·653	·678	24·5	23·2	17·1	25·2	·132	·124	100	100	NW 4	S 2	8	8	—	Dull day.
16	·727	·804	14·9	7·9	7·9	25·8	·086	·062	100	100	SW 1	SW 0·5	3	0	—	Fair and clear.
17	·848	·928	−4·3	−0·3	−4·3	24·7	·035	·042	100	100	SW 0·5	SW 0·5	0	4	·050	Fair and clear. ⋃
18	·911	·776	12·5	23·1	−0·3	24·7	·076	·110	100	90	SW 0·5	NE 0·5	7	3	·020	✱⁰ showers.
19	·750	29·667	19·4	24·7	17·4	25·1	·105	·133	100	100	NE 0·5	E 2	7	10	·290	Fair *a.* ✱ *p.*
20	29·907	30·152	22·7	20·0	2·4	25·5	·122	·108	100	100	N 2	NE 2	10	7	·030	✱
21	30·449	·386	15·1	26·0	14·7	26·5	·086	·141	100	100	NE 0·5	E 0·5	7	9	—	Fair and clear.
22	·246	·217	32·7	29·1	26·0	33·7	·183	·161	98	100	NE 0·5	NE 0·5	8	10	—	Dull day.
23	·281	·404	22·0	4·2	4·2	31·0	·108	·052	91	100	W 0·5	N 0·5	4	0	—	Fair and clear.
24	30·158	30·070	28·0	31·0	0·4	33·7	·144	·166	94	96	SW 0·5	SW 2	8	3	—	Fair and clear.
25	29·932	29·846	30·7	21·0	20·4	35·0	·172	·103	100	91	SW 1	SW 0·5	3	4	—	Fair and clear.
26	·733	·527	10·7	4·2	4·2	32·9	·070	·052	100	100	SW 0·5	SW 0·5	0	0	—	Fair and clear.
27	·293	29·108	22·7	35·7	1·9	35·7	·122	·204	100	98	SW 0·5	SW 2	10	10	·020	Dark and dull.
28	29·030	28·996	34·7	35·9	31·9	38·8	·192	·205	95	97	S 0·5	S 0·5	8	10	—	Mild and dull.
29	28·892	28·871	36·9	36·6	35·6	49·0	·213	·197	97	91	E 2	S 1	10	9	·020	Dull day.
30	29·030	29·123	33·7	35·9	33·6	37·6	·190	·190	98	90	SE 0·5	E 0·5	5	8	·030	●⁰ showers.
31	29·227	29·475	36·4	32·7	32·6	40·5	·189	·165	88	89	SW 0·5	SW 0·5	6	6	—	Bright sunshine. ♕²
Means	29·950	29·943	22·5	22·8	15·9	33·6	·128	·129	96·7	96·7	1·4	1·3	5·1	5·0	0·630	

Laudale.

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

JANUARY 1881.

Day.	Barometer at 32° and M. S. L. 9 a.m.	9 p.m.	Air Temperature. 9 a.m.	9 p.m.	Min.	Max.	Tension of Vapour. 9 a.m.	9 p.m.	Relative Humidity. 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	30·080	30·123	49·0	49·2	26·8	49·5	·327	·319	94	92	NW 4	NW 3	10	10	·150	✱ and ✱ ● (sleet).
2	·207	·254	49·2	47·0	26·8	49·2	·342	·298	98	93	NW 3	W 1	10	10	·010	✱ and ✱ ● (sleet).
3	·130	·069	45·4	49·9	44·0	49·9	·299	·335	98	94	SW 1	SW 2	5	5	·030	Deep snow on ground.
4	·284	·432	37·8	32·0	36·8	49·9	·210	·182	93	100	Calm 0	Calm 0	5	3	—	≡ *p.* ♕
5	·554	·602	30·8	31·4	27·8	32·6	·152	·148	88	84	Calm 0	Calm 0	3	10	—	≡ *a.* and *p.* ✱ *p.* ⌴²
6	·642	·662	39·2	37·4	28·5	41·4	·197	·149	82	67	E 1	Calm 0	5	5	—	≡ *a.* and *p.*
7	·668	·633	34·2	31·0	28·9	41·0	·196	·174	99	100	E 1	E 1	5	5	—	≡ *a.* and *p.*
8	·613	·458	35·0	35·9	28·5	40·8	·204	·194	100	92	E 1	E 1	5	5	—	≡ *a.* and *p.*
9	·366	·266	26·0	25·8	25·8	38·9	·141	·133	100	95	E 1	E 1	5	5	—	≡ *a.* and *p.*
10	30·165	30·065	30·0	29·0	23·5	34·9	·167	—	100	—	Calm 0	Calm 0	7	7	·060	≡ *a.* and *p.* High clouds from N. ⋃²
11	29·817	29·605	30·6	29·0	28·6	32·0	—	—	—	—	NNW 1	Calm 0	10	10	—	✱ showers. Snow 1½ ins. deep.
12	·621	·839	33·0	28·0	25·7	33·0	—	—	—	—	ENE 5	ENE 3	10	10	—	✱ showers.
13	·787	·767	28·0	22·1	24·8	32·1	—	—	—	—	ENE 1	Calm 0	10	8	—	✱ showers *a.* ≡ *p.*
14	·919	·764	22·0	23·2	20·3	32·9	—	—	—	—	ENE 1	ENE 1	8	8	—	≡ *a.* and *p.*
15	·743	·733	17·0	13·0	17·0	33·0	—	—	—	—	ENE 1	Calm 0	8	8	—	≡ *a.* and *p.*
16	·744	·740	19·5	20·8	13·0	32·5	—	—	—	—	Calm 0	ENE 1	8	8	—	≡ *a.* and *p.*
17	·675	·733	27·6	26·8	15·0	31·2	—	—	—	—	SE 1	SE 4	7	7	—	≡ *a.* and *p.*
18	·767	·821	33·4	29·9	26·8	33·4	—	—	—	—	E 3	E 3	7	8	—	≡ *a.* and *p.*
19	·737	29·732	30·0	21·2	26·9	31·6	—	—	—	—	E 2	E 1	8	0	—	≡ *a.*
20	29·890	30·196	29·0	28·2	15·2	30·2	—	—	—	—	NE 3	NE 1	0	5	—	
21	30·374	·325	26·8	30·0	20·8	32·0	—	—	—	—	NE 1	Calm 0	5	5	—	
22	·309	·256	32·0	35·0	19·1	37·2	—	·188	—	92	Calm 0	N 1	5	5	—	Clouds from NW. or W.
23	·253	·271	29·8	24·2	28·5	36·8	—	—	—	—	N 1	Calm 0	5	5	—	
24	30·162	30·069	34·2	37·8	23·0	38·0	—	·177	—	78	Calm 0	ESE 1	10	10	·150	≡⁰ (mist) *a.* and *p.*
25	29·954	29·836	37·2	33·2	33·0	38·6	·198	·145	89	77	WSW 4	Calm 0	8	10	—	● and ✱ showers *a.* ≡ 9*p.* Snow on the ground since the 2nd.
26	·605	·403	35·2	30·6	31·8	38·1	·160	·164	77	96	SE 2	SE 2	8	8	—	≡ *a.* and *p.*
27	29·120	29·044	34·0	40·2	27·5	41·8	·188	·235	96	94	SE 3	SE 3	10	10	·210	✱⁰ showers. ≡⁰ (mist) 9*p.* Thaw set in.
28	28·961	28·920	41·2	42·2	31·9	43·0	·244	·243	95	90	S 1	S 2	10	10	·130	≡⁰ (mist) *a.* and *p.*
29	·755	28·808	43·8	43·0	40·0	45·0	·236	·238	82	86	S 2	SE 2	8	8	·030	≡⁰ (mist) *a.* and *p.*
30	28·931	29·028	43·0	42·3	39·5	44·6	·234	·242	84	90	SE 1	SE 2	8	10	·090	≡⁰ (mist) *a.* and *p.*
31	29·187	29·454	41·2	41·0	40·2	45·8	·233	·215	91	84	SE 1	Calm 0	8	7	·030	≡⁰ (mist) *a.*
Means	29·904	29·900	33·7	32·6	27·3	38·4	—	—	—	—	1·5	1·2	7·1	7·8	0·890	

Dundee.

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

JANUARY 1881.

Day.	Barometer 9 a.m.	9 p.m.	Air Temp. 9 a.m.	9 p.m.	Min.	Max.	Vapour 9 a.m.	9 p.m.	Humidity 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	30·060	30·155	38·4	39·4	34·2	43·8	·232	·224	100	93	W 1	W 1	10	10	—	Dull day. Thawing.
2	·214	·236	42·4	37·4	37·3	45·7	·252	·206	93	92	W 1	W 1	10	7	—	
3	·185	·140	41·4	41·4	37·4	41·8	·203	·242	79	93	SW 2	W 4	10	10	—	Dull day.
4	·308	·459	36·4	29·5	28·2	41·8	·200	·139	93	85	W 1	NW 1	7	0	—	≡
5	·560	·645	28·5	28·5	25·2	30·0	·157	·131	100	84	NW 1	NW 1	0	0	—	⌴
6	·756	·799	34·5	32·5	28·2	41·8	·146	·166	73	90	SE 1	NE 1	5	5	—	Fine day.
7	·794	·711	28·5	22·5	22·2	33·0	·157	·121	100	100	W 1	NW 1	10	0	—	⌴
8	·649	·531	28·5	30·5	22·2	31·0	·131	·148	84	87	W 1	SW 1	10	10	—	⌴
9	·421	30·294	28·5	23·5	22·2	31·0	·131	·126	84	100	NW 1	NW 1	10	10	—	⌴
10	30·136	29·990	30·5	29·5	19·2	33·0	·148	·114	87	71	NW 1	NW 1	10	10	—	
11	29·792	·565	28·5	25·5	24·2	30·0	·105	·109	68	80	NW 1	NW 2	10	7	·050	✱ 8*p.*—9*p.*
12	·498	·733	25·5	25·5	19·2	30·0	·109	·109	80	80	W 1	NE 12	10	7	·150	✱ ⟋² (violent gale with very heavy gusts) from 10*a.*
13	·772	·816	23·5	19·5	18·2	27·0	·097	·076	77	73	N 2	NW 1	10	7	·050	
14	·963	·795	20·5	21·5	17·2	26·0	·080	·086	73	76	NW 1	NW 1	0	5	—	✱ at night.
15	·744	·703	18·5	23·5	14·2	28·0	·072	·097	72	77	NW 1	NW 2	0	0	—	
16	·724	·711	18·5	18·5	15·2	26·0	·072	·072	72	72	NW 1	NW 1	5	0	—	
17	·757	·826	8·5	14·5	8·2	20·0	·046	·059	73	71	NW 1	NW 1	0	5	·100	⌴
18	·838	·740	25·5	26·5	14·2	26·5	·109	·116	80	81	SE 1	NE 8	10	5	·150	✱ ▲ in past *n.* ✱⁰ showers during day.
19	·710	29·650	22·5	24·5	22·2	26·5	·091	·103	76	78	NE 1	NW 2	10	7	·100	✱ at night.
20	29·849	30·124	20·5	21·5	20·2	24·5	·080	·086	73	76	SE 1	NE 8	10	7	·400	✱ in past *n.* ✱² *a.*, 3 inches fell from 10*a.*—10.45*a.*
21	30·406	·398	21·5	19·5	18·2	21·5	·116	·076	100	73	NE 2	NW 2	10	5	—	
22	·267	·223	31·5	32·5	19·5	34·9	·178	·145	100	78	NW 1	NW 2	10	10	—	Dull day.
23	·242	·273	29·5	23·5	22·2	32·5	·114	·097	71	77	NW 1	NW 1	10	7	—	
24	30·194	30·069	25·5	31·5	14·2	33·0	·082	·135	59	76	SW 1	W 2	10	10	—	Dull day.
25	29·975	29·861	25·5	25·5	22·2	33·9	·109	·109	80	80	W 1	W 1	0	0	—	⌴
26	·691	·425	15·5	17·5	15·2	29·0	·062	·069	72	72	N 1	SE 2	10	0	—	⌴
27	·240	·122	28·5	31·5	17·5	33·9	·131	·157	84	88	SE 1	NE 1	10	10	·100	Dull day. ● 3.30*p.*—5*p.* ✱ at night.
28	29·048	29·009	32·5	34·5	27·2	35·9	·185	·182	100	91	SE 1	W 1	10	10	·050	Dull day. ≡ ●
29	28·908	28·870	35·5	36·4	34·2	36·9	·191	·215	92	100	SE 1	SE 1	10	10	·100	≡. ● showers *a.* and *p.*
30	29·030	29·103	34·5	36·4	33·2	36·9	·182	·200	91	93	NE 1	NE 1	10	10	·050	● showers *a.* and *p.*
31	29·274	29·450	35·5	36·4	34·2	37·9	·191	·200	92	93	SE 1	NW 1	10	0	—	♕
Means	29·936	29·917	27·9	27·8	22·8	32·4	·134	·133	83·2	83·2	1·1	2·1	8·0	5·9	1·300	

ROTHESAY.

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

JANUARY 1881.

Day.	Barometer at 32° and M. S. L. 9 a.m.	9 p.m.	Air Temperature. 9 a.m.	9 p.m.	Min.	Max.	Tension of Vapour. 9 a.m.	9 p.m.	Relative Humidity. 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	30·161	30·218	45·1	47·0	38·1	47·0	·293	·311	97	97	W	WSW	—	—	·025	Dull and damp.
2	·280	·280	46·6	46·1	44·1	47·4	·296	·247	94	79	W	SW	—	—	—	Mild.
3	·243	·189	44·1	46·1	41·1	47·4	·247	·268	85	86	SW	W	—	—	—	Fine day.
4	·309	·436	41·1	33·0	32·2	49·9	·258	·188	100	100	Calm	Calm	—	—	—	Fine day.
5	·527	·610	33·0	37·1	31·2	42·0	·171	·183	91	83	NE	E	—	—	—	Fine day.
6	·669	·726	38·1	36·0	34·7	40·3	·184	·167	80	78	E	E	—	—	—	Blowy and cold. Ψ
7	·730	·683	32·0	30·5	30·5	37·0	·182	·112	100	66	NE	Calm	—	—	—	Blowy and cold. Ψ
8	·652	·542	25·6	26·0	24·7	31·5	·107	·124	77	88	E	E	—	—	—	Clear.
9	·436	·277	27·0	30·0	23·7	31·5	·114	·140	79	83	NW	NW	—	—	—	Dull with ∞.
10	30·126	30·062	24·6	28·0	21·2	32·3	·112	·122	84	80	Calm	Calm	—	—	—	Cloudy *a*.
11	29·833	29·615	27·3	27·0	23·7	32·6	·140	·131	94	90	NE	NW	—	—	—	
12	·526	·750	26·0	27·0	22·2	36·5	·141	·131	100	90	NNE	NNE	—	—	·165	Stormy. ✳ 2 inches deep.
13	·802	·810	21·0	26·0	17·7	31·5	·078	·107	70	76	NE	NE	—	—	—	
14	·948	·855	27·5	20·0	19·2	34·0	·135	·090	90	83	E	NW	—	—	—	Clear.
15	·784	·781	22·0	22·0	19·2	33·0	·083	·083	71	71	NW	Calm	—	—	—	Clear.
16	·774	·755	20·5	20·6	15·2	33·0	·093	·090	85	82	NW	NW	—	—	·032	Clear.
17	·720	·726	23·6	24·0	18·7	26·0	·127	·094	100	73	Calm	E	—	—	·020	✳ showers.
18	·775	·766	31·0	28·5	23·2	32·5	·161	·142	93	91	E	E	—	—	—	Blowy.
19	·721	29·730	24·0	26·0	22·2	34·5	·112	·124	87	88	NE	N	—	—	—	
20	29·848	30·155	29·5	24·5	20·7	33·5	·150	·100	92	76	NNE	NE	—	—	—	Bitterly cold.
21	30·373	·471	26·6	19·2	18·2	31·0	·135	·074	93	72	ENE	Calm	—	—	—	Clear.
22	·339	·260	28·0	32·0	18·2	40·6	·153	·182	100	100	NW	Calm	—	—	—	
23	·260	·305	28·5	25·5	25·2	40·0	·142	·121	91	88	N	Calm	—	—	—	
24	·236	30·139	30·0	30·3	19·2	35·5	·154	·161	92	95	Calm	NW	—	—	—	Cloudy *a*.
25	30·015	29·879	34·5	32·0	26·7	42·5	·190	·170	95	·94	NW	Calm	—	—	—	Fine *p*.
26	29·682	·418	31·0	26·0	24·2	34·0	·164	·141	94	100	SW	E	—	—	·083	Dull, with ∞.
27	·201	29·099	29·0	36·0	24·7	36·5	·160	·212	100	100	NE	NE	—	—	·020	Dull, with ∞. ✳ 1 inch deep.
28	29·046	28·979	37·1	39·1	35·2	40·3	·221	·229	100	96	SE	SE	—	—	—	Dull, with ∞. Damp.
29	28·849	28·879	39·6	39·1	37·6	41·5	·223	·229	92	96	SE	Calm	—	—	·020	Dull, with ∞.
30	29·010	29·029	38·3	41·6	37·1	43·0	·223	·243	97	93	NE	SE	—	—	·096	Dull.
31	29·287	29·511	37·1	36·0	33·7	45·5	·211	·195	95	92	NW	Calm	—	—	—	Fine *p*. Ψ *6p*.
Means	29·941	29·933	31·3	31·0	26·6	37·5	·166	·158	90·9	86·6	—	—	—	—	0·461	

PINMORE.

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

JANUARY 1881.

1	30·204	30·223	42·3	45·9	38·5	46·2	·218	·305	82	99	W	SW	—	—	·060	
2	·348	·299	45·4	44·0	44·0	46·2	·264	·238	88	82	W	SW	—	—	—	
3	·272	·219	44·0	44·4	42·4	45·2	·259	·234	90	80	SW	SW	—	—	·030	
4	·291	·408	43·0	32·4	32·4	45·2	·249	·184	90	100	S	N	—	—	—	
5	·513	·541	26·4	35·3	23·5	44·3	·085	·187	60	91	N	E	—	—	—	
6	·614	·709	35·3	32·4	31·5	44·7	·205	·151	99	82	E	NE	—	—	—	
7	·728	·680	27·9	24·4	18·5	44·3	·152	·131	100	100	N	N	—	—	—	
8	·597	·519	12·4	22·4	12·4	38·3	·076	·120	100	100	N	N	—	—	—	
9	·445	·256	22·9	30·4	20·5	32·2	·105	·170	86	100	E	E	—	—	—	
10	30·166	30·033	18·4	29·4	18·4	35·2	·100	·163	100	100	NE	E	—	—	—	
11	29·845	29·636	18·4	25·4	18·4	32·2	·100	·137	100	100	E	N	—	—	—	
12	·548	·733	12·9	22·4	12·5	34·2	·078	·120	100	100	N	NE	—	—	—	
13	·778	·800	19·3	10·4	8·5	32·2	·091	·069	88	100	NE	NE	—	—	·030	✳
14	·915	·839	10·4	8·4	8·4	36·2	·069	·063	100	100	NE	NW	—	—	—	
15	·766	·796	7·9	5·4	5·4	34·2	·062	·055	100	100	E	N	—	—	—	
16	·811	·772	5·4	4·4	3·5	31·7	·055	·053	100	100	NW	NW	—	—	·040	✳
17	·725	·718	14·9	27·9	3·5	31·2	·086	·152	100	100	W	E	—	—	—	
18	·768	·728	30·4	25·9	26·5	34·2	·170	·124	100	88	E	E	—	—	—	
19	·671	29·707	22·4	20·4	17·5	34·2	·120	·110	100	100	N	N	—	—	·020	✳
20	29·795	30·096	24·4	18·4	6·5	32·2	·131	·100	100	100	N	E	—	—	—	
21	30·327	·450	14·8	15·4	14·5	34·2	·072	·088	85	100	N	N	—	—	—	
22	·345	·270	20·4	29·4	4·5	39·3	·110	·163	100	100	N	N	—	—	·080	✳
23	·221	·306	30·9	12·4	12·4	41·3	·160	·076	93	100	N	N	—	—	—	
24	·289	30·158	8·4	15·4	3·5	40·3	·063	·088	100	100	W	N	—	—	—	
25	30·060	29·924	14·9	28·9	14·5	39·3	·079	·144	92	91	SW	S	—	—	—	
26	29·729	·444	25·4	25·9	25·4	35·2	·137	·140	100	100	E		—	—	·090	✳
27	·204	29·133	33·8	38·6	16·0	38·8	·184	·222	94	95	SW	SW	—	—	·090	
28	29·082	28·998	37·7	39·6	37·7	40·3	·214	·195	95	80	E	E	—	—	·050	
29	28·918	28·851	39·1	39·1	37·4	41·3	·235	·235	98	98	SE	SE	—	—	·050	
30	29·014	29·031	39·6	41·0	38·4	42·3	·229	·242	94	94	SE	SE	—	—	·170	
31	29·310	29·514	38·6	31·9	31·9	43·8	·205	·169	88	93	SE	SE	—	—	·010	
Means	29·945	29·929	25·4	26·7	20·3	38·4	·141	·149	94·3	95·9	—	—	—	—	0·720	

SCALEBY.

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

JANUARY 1881.

Day.	Barometer at 32° and M. S. L. 9 a.m.	9 p.m.	Air Temperature. 9 a.m.	9 p.m.	Min.	Max.	Tension of Vapour. 9 a.m.	9 p.m.	Relative Humidity. 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	30·175	30·258	40·3	44·3	33·2	45·0	·248	·277	99	96	SW 5	SW 2	10	10	·010	
2	·324	·329	43·8	43·3	42·5	46·5	·272	·245	96	88	SW 1	SW 1	10	10	—	
3	·295	·241	43·0	41·8	41·8	44·0	·228	·223	82	85	SW 1	SW 3	10	0	—	
4	·304	*·410*	41·3	*41·0*	*37·0*	*45·0*	·246	*·216*	96	*84*	SW 1	*NE 1*	10	*10*	—	≋
5	·510	·566	37·8	41·8	33·0	45·2	·205	·221	91	84	NE 2	Calm 0	7	10	—	
6	·674	·700	35·8	35·8	33·0	42·0	·161	·170	77	81	E 2	NE 4	2	0	—	
7	·740	·676	31·8	31·3	29·4	36·5	·154	·160	86	92	NE 3	E 4	1	0	—	Blue sky all day.
8	·588	·544	24·8	25·8	23·2	32·1	·130	·136	97	98	E 6	E 1	10	0	—	⌣ Ψ
9	·396	·257	14·8	21·8	14·2	27·0	·075	·113	90	97	Calm 0	Calm 0	0	10	—	⌣
10	30·149	30·013	20·8	27·8	20·8	29·0	·090	·133	82	88	Calm 0	Calm 0	10	10	—	⌣
11	29·806	29·559	23·6	23·3	21·0	29·0	·101	·103	81	85	Calm 0	Calm 0	10	0	—	⌣
12	·494	·560	13·0	30·3	12·5	31·0	·069	·152	89	91	E 1	NE 6	2	9	·620	✳
13	·646	·792	27·8	16·0	15·1	31·0	·136	·079	90	89	NE 2	NE 1	3	8	—	
14	·925	·845	7·8	1·8	1·8	31·0	·049	·046	80	97	NE 2	Calm 0	5	0	·080	✳
15	·737	·757	13·3	0·0	0·0	21·5	·062	·044	80	100	Calm 0	Calm 0	2	0	—	≋
16	·764	·758	−4·7	16·8	−7·0	17·0	·035	·089	100	97	Calm 0	Calm 0	0	10	—	
17	·743	·726	6·3	20·3	3·0	23·0	·055	·088	97	82	E 1	NE 4	2	10	—	
18	·719	·639	27·6	28·8	20·0	31·2	·131	·155	88	99	NE 2	NE 3	10	2	·010	✳
19	·601	29·661	25·8	16·2	16·2	30·0	·115	·073	83	83	NE 4	Calm 0	3	0	·010	✳
20	29·800	30·058	8·8	10·8	8·8	22·0	·062	·067	96	97	Calm 0	Calm 0	4	0	·010	✳
21	30·339	·406	10·0	13·0	9·0	25·2	·060	·063	89	82	Calm 0	E 1	0	0	—	
22	·287	·224	12·3	23·8	6·5	24·0	·060	·106	80	83	E 1	Calm 0	8	10	—	
23	·213	·283	20·8	19·8	18·2	35·5	·081	·085	74	81	NE 1	Calm 0	8	0	—	
24	·268	30·130	7·8	10·3	6·8	25·0	·049	·054	80	80	NE 1	Calm 0	5	0	—	
25	30·022	29·924	19·0	7·8	7·5	28·0	·092	·049	90	80	Calm 0	Calm 0	10	0	—	
26	29·723	·404	8·1	19·3	4·0	24·0	·053	·083	87	81	E 1	E 4	0	0	·120	✳
27	·228	29·129	31·3	38·8	19·0	41·2	·160	·214	92	91	NE 3	E 1	10	10	·010	
28	29·066	28·996	35·6	38·6	34·2	40·0	·190	·212	92	91	Calm 0	E 1	5	10	·010	
29	28·887	28·876	36·8	36·8	34·8	39·0	·196	·200	91	92	NE 3	E 1	10	10	·030	
30	29·016	29·091	39·8	42·8	35·0	45·0	·223	·240	92	88	S 3	S 3	5	10	—	
31	29·321	*29·520*	38·8	*40·0*	*36·0*	*43·0*	·214	·207	91	*84*	W 3	*W 2*	10	*0*	·040	
Means	29·928	29·914	24·0	26·1	19·7	33·2	·129	·139	88·3	88·6	1·6	1·4	5·9	4·8	0·950	

SCARBOROUGH.

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

JANUARY 1881.

1	30·183	30·219	39·1	41·2	36·3	43·3	·228	·248	96	96	WSW 3	WSW 1	10	1	—	≋ 9 *9p*.
2	·337	·355	42·4	41·8	37·5	44·5	·244	·243	91	92	W 1	WSW 1	3	5	—	≋ 9 *9p*.
3	·343	·284	40·1	38·4	37·5	41·8	·239	·220	97	95	WSW 1	SW 1	10	0	—	≋ *9p*.
4	·275	·356	40·4	43·6	37·8	44·8	·236	·272	95	96	WSW 2	NNW 2	9	0	—	≋ *a*. and *p*.
5	·472	·524	43·1	41·6	41·0	43·6	·245	·225	88	86	NE 3	ENE 3	9	5	—	
6	·662	·717	40·1	40·0	38·5	41·6	·243	·207	98	84	E 4	E 4	2	5	—	
7	·725	·669	39·0	35·1	35·0	40·0	·215	·196	91	96	ENE 1	N 1	3	1	—	Blue sky all day.
8	·593	·511	35·6	36·7	34·7	39·1	·193	·204	93	94	NW 1	NW 1	9	10	·040	≋ 9 (mist) *9p*.
9	·411	30·228	36·0	34·2	34·2	37·3	·201	·171	96	86	NW 1	WNW 2	6	3	—	≋ 9 (mist) before *9a*.
10	30·049	29·930	35·0	35·0	29·7	38·3	·182	·178	89	87	NNW 2	WNW 1	9	7	·150	▲ shower *p*.
11	29·778	·578	28·5	27·5	27·5	35·0	·139	·134	90	90	WNW 1	WSW 1	3	1	·080	✳ before *9a*.
12	·433	·444	23·5	33·0	22·8	33·3	·107	·171	87	91	WSW 1	NE 4	10	10	·150	✳ *a*. and *p*. ▲
13	·608	·756	32·0	31·2	31·2	36·3	·165	·122	91	70	ENE 4	ENE 1	7	5	·030	✳ ▲ showers.
14	·877	·827	23·0	22·0	22·0	31·2	·082	·089	68	77	WSW 1	WSW 1	7	0	—	
15	·722	·654	24·0	25·0	16·5	28·1	·094	·107	73	79	W 1	WNW 2	7	10	·260	✳ *p*.
16	·726	·750	24·0	23·2	22·5	25·3	·089	·084	69	68	W 1	W 1	1	1	—	✳ before *9a*.
17	·786	·793	17·5	31·0	13·5	31·0	·053	·124	57	71	WSW 1	SSE 1	1	2	·010	
18	·693	·594	34·0	32·0	28·5	34·8	·179	·167	91	92	SE 6	ESE 9	10	10	—	✳ before *9a*.
19	·525	29·573	28·5	30·0	26·5	32·0	·118	·140	77	83	ENE 8	ENE 5	10	7	·030	✳ ▲ showers.
20	29·800	30·054	26·0	25·0	23·5	30·0	·107	·086	76	65	SW 1	S 1	10	2	·150	✳ *a*. and *p*.
21	30·301	·332	28·0	29·3	24·0	29·8	·122	·084	80	52	NE 2	N 1	9	0	·040	✳ before *9a*. ✳ ▲ *p*.
22	·190	·156	30·4	36·0	25·0	38·3	·131	·181	78	86	NW 2	NNW 2	5	9	·240	✳ ▲ ● *p*.
23	·191	·263	32·7	31·0	30·3	36·0	·168	·127	91	72	NW 1	WNW 1	10	7	·010	✳ *9a*. and before, and *p*.
24	·285	30·158	21·0	22·0	20·3	31·0	·113	·093	100	80	W 2	WSW 2	10	10	—	≋ all day. ⌣² ←
25	30·056	29·953	16·0	11·3	11·3	22·0	·090	·072	100	100	SW 2	SW 2	0	10	—	≋ *a*. and *p*. ⌣²
26	29·783	·491	19·3	27·2	10·5	27·3	·100	·145	96	98	SW 1	S 2	10	10	—	≋ *a*. and *p*. ⌣²
27	·306	·179	34·0	36·0	27·0	36·0	·196	·212	100	100	S 1	SW 1	10	10	·070	Thaw. ≋ *9p*.
28	29·101	29·090	36·0	37·1	34·5	37·3	·212	·215	100	97	WSW 1	SW 1	10	10	·020	≋ *a*. and *p*. Thaw.
29	28·965	28·888	38·2	39·1	34·5	39·1	·231	·234	100	98	SSE 1	SE 1	10	10	·080	≋² *a*. and *p*.
30	29·089	29·163	38·6	40·9	36·4	40·9	·232	·254	99	99	SW 1	S 2	9	10	·010	≋ *a*. and *p*.
31	29·362	29·548	38·3	37·6	37·0	42·3	·224	·208	97	92	WSW 2	WSW 1	0	0	·010	≋ *9a*. Ψ² *p*.
Means	29·923	29·904	31·8	32·7	28·6	35·8	·167	·168	88·8	86·2	1·9	1·9	7·1	5·5	1·380	

Observer remarks: Coldest month for 15 years, temperature 6°·4 below the average. Sea temperature 40°·8.

DOUGLAS, ISLE OF MAN.

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

JANUARY 1881.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	
	ins.	ins.	°	°	°	°	in.	in.	%	%					ins.	
1	30·246	30·302	44·0	46·5	39·5	47·0	·279	·281	97	89	W 3	W 2	10	6	—	
2	·369	·351	46·4	45·2	45·0	47·6	·282	·239	90	80	WSW 3	W 2	10	3	—	≋⁰(mist) 9p.
3	·293	·249	44·5	45·7	43·7	48·6	·238	·291	81	95	S 3	SW 2	10	4	·004	≋⁰ (mist) 9p.
4	·302	·367	41·8	42·3	40·8	48·5	·254	·242	96	90	Calm 0	NE 1	8	2	—	≋⁰ (mist) a.
5	·488	·499	39·8	39·9	34·4	42·9	·201	·212	82	87	ENE 1	NE 3	1	0	—	⌣
6	·587	·627	39·7	38·7	36·2	42·8	·163	·162	67	69	E 5	E 5	0	0	—	⌣ ☄ p.
7	·668	·639	39·7	34·7	28·8	41·8	·158	·161	65	80	E 4	Calm 0	0	4	—	⌣ a. and p.
8	·585	·527	24·4	33·0	21·6	36·7	·078	·163	61	86	Calm 0	E 1	6	6	—	
9	·404	·262	35·2	27·5	26·3	38·0	·179	·135	87	90	E 2	Calm 0	8	0	—	⌣ a. ⌣² p. ≋⁰ (mist) 9p.
10	30·147	30·028	25·0	33·2	24·0	34·3	·135	·173	100	91	Calm 0	Calm 0	3	8	—	≋⁰ (mist) ⌣² a. ⌣ 9.30p.
11	29·844	29·608	30·0	30·5	26·0	35·0	·148	·138	88	80	Calm 0	NW 3	9	10	·152	≋⁰ (mist) ⌣² a. ⌣ p.
12	·510	·635	24·6	29·0	23·0	31·6	·125	·110	95	70	Calm 0	N 5	6	2	·056	≋⁰ (mist) ⌣ a. ✳ p. and at night.
13	·697	·768	28·6	24·0	24·0	32·0	·123	·088	79	69	N 3	Calm 0	8	1	—	✳ at night.
14	·870	·866	32·0	17·7	14·0	33·0	·137	·097	75	100	NE 1	Calm 0	6	1	·005	✳ before 9a.
15	·740	·759	28·0	19·7	12·5	30·7	·137	·082	89	78	Calm 0	Calm 0	8	1	·160	✳² till noon. ✳ at night.
16	·711	·767	29·8	22·4	13·0	36·2	·142	·113	86	95	Calm 0	Calm 0	8	4	·050	✳² till 11a. ✳ at night.
17	·679	·607	32·9	31·5	12·0	34·3	·148	·150	79	84	ESE 4	E 7	10	10	—	≋⁰ (mist) 9a. Squally ☄ p.
18	·601	·587	32·2	31·3	26·0	33·5	·149	·169	82	96	E 6	NE 5	10	7	—	≋⁰ (mist) 9a. Squally ☄.
19	·590	29·691	30·9	26·2	23·6	31·5	·108	·083	63	59	NE 4	Calm 0	5	0	—	
20	29·802	30·044	25·0	27·5	16·6	31·5	·087	·097	64	65	Calm 0	NW 2	2	4	—	
21	30·291	·419	28·9	26·2	24·6	31·3	·112	·091	72	64	E 2	NE 2	6	1	—	✳⁰ a.
22	·306	·253	31·9	30·4	19·2	38·3	·145	·149	80	88	NNW 2	Calm 0	2	9	·065	✳ at night.
23	·199	·275	33·9	26·0	25·5	35·0	·183	·117	93	83	ENE 2	NW 1	10	2	·050	✳ noon—3p. and at night.
24	·281	30·140	31·0	32·2	25·3	33·4	·153	·174	87	95	ENE 1	N 1	8	3	—	✳
25	30·023	29·894	34·0	32·5	30·7	34·5	·176	·166	89	89	Calm 0	Calm 0	10	4	—	
26	29·678	·310	25·2	31·5	23·7	34·3	·096	·159	71	89	ESE 5	ESE 6	10	10	·168	≋⁰ (mist) a. and p ● ✳⁰ at night.
27	·186	29·083	36·5	39·0	31·0	39·0	·214	·234	99	98	E 2	E 2	10	10	·240	●⁰ ≋ all day.
28	29·044	28·953	39·7	39·8	35·9	41·0	·241	·240	98	99	E 2	E 2	10	10	·153	≋ ●⁰ most of day.
29	28·817	28·874	39·8	38·0	35·5	41·0	·242	·228	100	100	ESE 2	Calm 0	10	10	·087	≋ ●⁰ most of day.
30	28·987	29·114	41·7	40·5	37·5	42·0	·260	·234	98	94	ESE 2	WSW 2	8	6	·130	≋ ●⁰ most of day.
31	29·327	29·537	40·5	32·2	30·9	47·7	·220	·177	88	97	W 1	Calm 0	4	2	·010	⌓² ♕ 6.30p.—7.30p. ⌣
Means	29·912	29·904	34·1	32·7	27·4	37·9	·171	·166	83·9	85·5	1·9	1·7	7·0	4·5	1·330	

WAKEFIELD.

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

JANUARY 1881.

1	30·258	30·265	41·8	45·6	37·5	46·7	·243	·277	92	91	W 2	W 2	10	10	—	Dull and gloomy.
2	·369	·386	43·6	44·8	36·8	47·9	·253	·239	89	80	W 1	W 1	8	10	—	Dull and gloomy.
3	·369	·278	41·3	41·7	40·0	45·9	·215	·229	83	87	SSW 1	SW 1	10	10	—	Dark, dull day.
4	·321	·360	41·1	43·1	38·8	45·8	·244	·252	95	90	SW 1	NNW 2	10	10	—	Dark, dull day.
5	·468	·512	37·1	43·0	36·0	45·3	·209	·197	95	71	NNW 2	ENE 2	4	8	—	
6	·633	·717	34·2	33·3	33·1	43·0	·173	·171	87	90	NE 2	NNE 2	0	2	—	Fine and bright.
7	·759	·706	31·8	32·5	29·0	37·4	·164	·159	93	87	NW 2	NNE 2	1	8	—	Fine.
8	·648	·525	28·8	33·1	27·2	33·8	·135	·146	86	77	NE 1	W 1	10	10	—	Dull and gloomy.
9	·444	30·245	32·9	34·9	30·4	36·9	·168	·158	90	77	NNW 1	N 1	10	10	—	Dull and gloomy.
10	30·101	29·969	31·8	33·7	24·5	36·2	·140	·139	77	75	WNW 1	N 2	8	9	—	Dull.
11	29·788	·580	27·0	31·8	26·0	34·0	·147	·170	100	95	N 1	WSW 1	6	10	·010	Dull after 10a.
12	·465	·495	26·2	31·0	26·2	32·8	·135	·149	96	85	W -	W -	—	—	·040	
13	·623	·791	30·0	24·0	22·2	32·4	·161	·129	97	100	NNE -	NNE -	—	—	—	
14	·903	·843	21·0	16·0	14·1	25·0	·105	·090	94	100	N -	WNW -	—	—	—	
15	·743	·702	24·0	19·0	13·1	29·8	·114	·082	89	80	NNW -	WNW -	—	—	—	
16	·795	·781	21·0	26·0	15·3	30·0	·105	·134	94	95	WNW -	W -	—	—	·020	
17	·802	·783	19·4	15·0	13·1	27·2	·090	·075	87	89	E -	ENE -	—	—	—	
18	·635	·521	28·5	29·8	12·1	31·0	·142	·138	91	83	ENE -	ENE -	—	—	—	
19	·479	29·621	27·8	24·4	14·1	31·4	·152	·116	100	90	NNE -	NNE -	—	—	·010	
20	29·809	30·081	23·7	24·2	18·6	28·0	·119	·122	95	95	WNW -	NE -	—	—	—	
21	30·333	·381	21·0	19·0	16·3	27·0	·105	·103	94	100	NNE -	N -	—	—	—	
22	·258	·186	30·4	34·9	18·7	35·2	·164	·186	97	92	NNW 2	NNW 3	5	10	—	Fine and bright till 5.30p., then dull.
23	·241	·236	28·4	31·2	27·6	35·0	·156	·175	100	100	NW 2	N 1	6	10	—	Fine and bright 10a.—6p.
24	·290	30·194	24·8	23·6	23·4	32·0	·126	·112	95	89	WNW 1	NW 1	10	10	—	Dull and gloomy. ≋ 9p.
25	30·059	29·961	17·6	14·8	14·8	29·2	·076	·061	81	74	WNW 1	N 1	10	10	—	Dark and gloomy. ≋ 9a. and 9p.
26	29·775	·445	17·7	23·2	12·4	29·0	·073	·124	78	100	NE 1	E 3	10	10	—	Gloomy.
27	·274	·162	30·6	33·9	23·2	34·2	·154	·193	91	99	E 2	SE 1	10	10	·150	Dark and gloomy. ≋ all day.
28	29·086	29·065	34·1	37·9	32·7	38·4	·194	·214	99	94	SSW 1	S 1	10	8	—	Dull and gloomy.
29	28·955	28·922	35·9	36·6	34·8	38·8	·207	·211	98	98	SSE 1	E 1	10	10	·100	≋². Dull and gloomy.
30	29·098	29·165	34·3	42·2	31·8	43·7	·192	·265	97	98	NW 1	SE 1	6	10	—	Fine for the most part.
31	29·412	29·583	38·9	35·1	34·0	44·9	·204	·183	87	89	WNW 1	W 1	0	3	—	Fine.
Means	29·942	29·918	29·9	30·9	25·1	35·7	·157	·161	91·8	89·4	—	—	—	—	0·330	

LLANDUDNO.

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

JANUARY 1881.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	
	ins.	ins.	°	°	°	°	in.	in.	%	%					ins.	
1	30·289	30·348	44·0	46·5	40·4	46·5	·265	·285	92	91	SW 2	W 1	10	10	—	Dull, with drizzling ●.
2	·394	·388	46·0	44·4	44·0	47·0	·287	·254	93	87	NW 1	W 0·6	10	10	—	Dull with ≋
3	·330	·288	41·0	44·2	40·5	46·2	·210	·252	82	87	W 0·6	SW 0·6	10	10	—	Very fine a. ∞ p.
4	·294	·359	44·0	41·7	40·6	46·3	·252	·248	87	94	W 0·6	W 0·6	9	10	·030	Fine till 2p., then ●⁰ ≋.
5	·425	·481	41·0	40·8	40·0	43·0	·219	·218	86	86	E 2	E 4	10	9	—	Fine. Cold wind. ∞.
6	·527	·608	36·8	34·5	33·9	41·2	·184	·170	85	85	E 4	E 2	0	0	—	Very fine, but cold.
7	·659	·628	35·0	34·8	31·8	40·0	·160	·136	78	67	E 1	E 1	0	0	—	Very fine, but cold.
8	·561	·483	33·6	31·2	30·0	40·6	·100	·084	52	48	S 0·6	SW 0·6	0	0	—	Fine, with ∞.
9	·408	·251	31·0	33·0	28·0	36·0	·113	·147	65	78	W 0·6	NW 1	10	9	—	Dull, with ≋.
10	30·116	30·021	32·0	33·0	31·2	34·0	·147	·165	81	88	S 0·6	SE 0·6	10	10	—	Dull, with ∞. ✳ p.
11	29·830	29·604	32·8	34·4	32·0	35·2	·169	·156	91	78	NW 1	W 1	10	10	·484	Constant ✳ showers, ground covered.
12	·505	·590	30·3	33·6	27·3	34·7	·150	·142	89	74	W 0·6	N 4	10	7	·130	✳ 4½ ins. deep a. ✳ showers.
13	·624	·774	35·3	33·5	27·7	35·4	·162	·175	78	92	E 5	NE 1	10	9	—	Squally a. ✳ showers, ground covered.
14	·883	·879	25·0	19·0	18·4	33·5	·079	·103	59	100	SW 1	SW 0·6	0	0	—	Very fine. Snow lying.
15	·781	·756	32·5	29·0	17·6	36·2	·133	·106	72	67	W 1	N 1	2	2	·620	Very fine till 1p., then ✳² showers.
16	·823	·797	25·9	28·2	17·8	36·0	·110	·119	78	77	W 1	W 1	10	9	·166	✳² showers a. Fine and sunny p.
17	·702	·621	27·0	28·5	22·5	36·1	·087	·104	61	68	SW 2	S 1	0	10	—	Dull and cold.
18	·480	·486	31·2	31·2	25·2	32·7	·147	·146	85	83	E 7	E 11	10	10	—	Very cold, dull, and squally. ✳ ✢
19	·516	29·680	30·0	31·0	27·1	31·6	·140	·115	85	66	E 8	E 7	9	0	—	Squally a. Dull and very cold.
20	29·792	30·043	31·0	21·0	20·2	32·5	·127	·094	72	85	E 1	E 0·6	6	0	—	Fine, but very cold.
21	30·266	·390	22·0	28·0	16·5	31·0	·087	·097	71	64	SE 1	SE 1	0	0	—	Fine, but very cold. ∞.
22	·316	·247	25·0	36·8	18·0	37·0	·100	·151	74	69	E 0·6	N 1	1	10	·120	∞. Slight thaw.
23	·212	·232	35·0	33·0	30·6	37·6	·148	·167	72	89	W 0·6	N 1	10	10	—	✳ showers a. Slight thaw.
24	·233	30·148	31·4	32·6	27·2	38·1	·136	·166	76	90	W 1	W 0·6	5	10	—	∞
25	30·022	29·918	32·0	25·6	24·8	36·6	·118	·093	65	69	S 1	S 0·6	7	0	—	Very fine and bright a. ≋ p.
26	29·684	·287	22·2	30·2	14·5	33·7	·077	·137	39	81	S 0·6	S 3	0	10	·040	Fine a. ≋ p.
27	·191	29·080	43·0	40·8	30·0	48·0	·234	·225	84	89	W 0·6	S 0·6	2	0	—	∞ p. Slight thaw. ✳⁰ at night.
28	29·071	28·983	39·6	40·0	37·0	44·4	·225	·226	93	92	S 0·6	S 0·6	4	0	—	Fine a. ∞ p. Thaw.
29	28·814	28·904	42·0	42·0	38·1	48·2	·240	·245	91	92	S 0·6	SW 0·6	1	10	·060	Fine a. ∞ p. Thaw.
30	29·009	29·110	42·5	42·0	39·4	47·2	·239	·225	88	85	S 1	SW 1	9	10	·026	Fine day. ● 7p. and at night. Ground covered with snow since 11th, nearly all gone now.
31	29·380	29·562	43·8	40·2	39·6	47·7	·208	·224	72	90	W 2	W 1	0	0	·115	Fine. ● shower 0.30p. ♕ in N. 7p.
Means	29·908	29·901	34·3	34·3	29·4	39·2	·163	·167	77·2	81·0	1·6	1·7	5·6	6·0	1·791	

BUXTON.

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

JANUARY 1881.

1	30·316	30·320	37·9	42·9	33·8	43·1	·218	·269	96	98	NW 2	W 4	10	8	·060	≋⁰ (Mist) a. Snow nearly gone.
2	·407	·438	42·7	41·7	40·0	43·8	·241	·220	88	84	NW 2	W 1	7	10	—	Mild and dull.
3	·400	·353	38·4	39·4	36·8	42·1	·200	·227	87	95	W 1	W 1	7	10	—	Mild and dull.
4	·341	·378	38·1	40·3	36·2	45·6	·215	·237	94	96	WNW 1	SE 2	6	10	—	Dull with ≋⁰ (mist).
5	·450	·495	36·7	36·1	35·3	41·0	·188	·191	87	90	E 3	E 4	7	5	—	Mild a. Colder p.
6	·598	·685	31·9	31·4	30·5	37·5	·152	·159	84	91	SE 3	SE 4	2	3	—	Fine but cold.
7	·724	·742	30·4	22·3	21·1	37·5	·158	·108	94	92	SE 4	SE 1	5	0	—	Fine.
8	·687	·512	17·5	21·3	13·9	29·0	·096	·103	100	91	SW 1	E 1	10	2	—	≋⁰ (mist) ⌣ a. ♃ p.
9	·474	·304	30·4	31·1	19·9	32·4	·158	·121	94	69	Calm 0	E 1	8	10	—	≋⁰ (mist.) ⌣ a. Very cold.
10	30·160	30·029	27·4	29·3	20·9	32·2	·136	·139	92	87	N 1	NW 2	5	8	—	
11	29·887	29·648	18·4	27·9	18·4	30·0	·086	·149	87	98	NW 2	NW 2	10	10	·060	✳ 9a.
12	·569	·545	21·8	22·3	17·9	28·7	·105	·119	92	100	NW 3	NW 3	7	5	—	✳ before 9a. (mist).
13	·635	·857	28·5	14·1	12·9	31·0	·156	·072	100	89	NE 3	NW 1	6	0	—	✳ before 9a. Watery red sky. ≋⁰
14	·987	·925	7·6	15·9	5·0	30·7	·056	·075	94	85	NNW 1	NE 1	5	0	—	⌣ a. ≋⁰ (mist) or ∞. Very cold.
15	·835	·776	23·1	19·9	8·0	30·5	·120	·068	97	64	NNW 1	NW 2	7	2	·100	⌣ a. ✳ p.
16	·791	·820	21·7	24·7	10·7	29·5	·112	·121	97	92	N 3	NW 3	0	3	·040	⌣ ✳. Warmer a. Very cold p.
17	·870	·759	5·6	20·1	3·9	25·5	·053	·104	97	97	NW 1	SE 3	5	10	—	∞ ⌣ a.
18	·566	·453	25·6	24·1	17·9	26·4	·131	·125	96	97	SE 5	E 7	10	10	·220	☄ ✢ Intensely cold. ✳.
19	·502	29·667	22·4	19·4	18·9	24·5	·101	·090	86	87	NE 3	W 1	10	3	—	✳ ✢ ☄ a.
20	29·860	30·083	15·4	23·9	10·0	28·7	·073	·120	87	95	N 1	E 1	0	2	—	≋a.
21	30·322	·433	16·9	14·3	13·8	26·0	·090	·068	96	83	E 1	NW 1	4	0	—	⌣a.
22	·336	·255	22·6	28·9	5·7	29·5	·117	·147	97	93	NW 2	E 1	7	4	—	
23	·275	·350	29·4	15·5	12·7	34·0	·156	·088	96	100	NW 1	E 1	7	0	—	∞⁰p.
24	·350	·352	22·9	11·3	10·4	25·0	·119	·061	97	86	NW 1	NW 1	6	10	—	∞ a. ⌣ ≋ p.
25	30·167	30·033	5·4	5·9	1·2	29·5	·048	·047	87	83	NW 1	NE 1	5	5	—	≋ ⌣ a. ≋ p.
26	29·821	29·482	20·0	21·4	3·0	22·5	·108	·107	100	94	SE 1	SE 1	7	10	·090	≋⁰ (mist) ⌣ a. ✳ p.
27	·326	·194	31·5	36·4	20·4	38·0	·177	·187	100	88	SE 1	Calm 0	7	10	—	≋⁰ (mist) ✳ a. Thaw.
28	29·160	·118	33·6	35·1	31·8	40·4	·188	·202	97	99	SE 1	Calm 0	7	10	—	≋ p. Thaw.
29	28·957	·071	37·4	38·9	34·3	39·2	·215	·229	96	97	Calm 0	SW 1	10	10	—	≋² Thawing.
30	29·141	·199	37·9	40·2	35·8	42·8	·210	·242	92	97	SW 1	SE 1	6	10	—	≋⁰ (mist) a. and p. Snow nearly gone.
31	29·564	29·640	36·1	34·7	33·7	42·6	·190	·185	90	92	W 2	NW 1	3	0	—	Fine day. Splendid ♕² 6.30p.—9p.
Means	29·983	29·965	26·3	26·8	19·8	33·5	·141	·141	93·5	90·6	1·7	1·7	6·3	5·8	0·570	

HILLINGTON, NORFOLK.

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

JANUARY 1881.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	
	ins.	ins.	°	°	°	°	in.	in.	%	%					ins.	
1	30·279	30·290	35·2	39·5	31·7	40·4	·195	·226	95	94	SW 2	S 1	10	10	—	≋0 (mist) all day.
2	·395	·409	36·7	39·8	29·2	41·5	·169	·243	98	99	SW 0·5	SW 0·5	10	10	·008	≋ ⊔ a.
3	·402	·335	39·8	39·8	38·3	46·1	·225	·238	92	98	SSW 0·5	SW 0·5	10	10	·011	≋0 (mist) a.
4	·304	·283	37·9	42·1	36·3	42·5	·222	·263	97	98	SW 0·5	NE 1	10	10	—	≋0 (mist) p.
5	·358	·370	40·6	37·7	37·1	43·3	·219	·186	87	82	NE 3	NE 5	8	0	·015	Fine and sunny. Cold wind.
6	·537	·600	35·2	33·9	33·4	39·0	·163	·170	79	87	NE 4	ESE 3	0	0	·006	⊔ a. Fine and sunny.
7	·642	·613	34·3	30·8	29·7	39·2	·165	·154	83	90	SE 3	NE 1	0	1	·005	⊔2 a. and p. Fine day.
8	·557	·470	35·5	35·9	29·4	38·1	·181	·207	87	98	E 1	N 0·5	9	10	·070	● 0 3p. ● 2 at night.
9	·380	30·218	32·4	33·3	30·1	38·2	·170	·177	93	94	NE 0·5	NW 1	7	10	·004	● 2 early a. ⊔ 9a. ● 0 3p. Ψ
10	30·058	29·946	29·0	33·0	28·0	34·9	·151	·149	95	96	NW 1	NW 1	10	10	·003	⊔ 9a. ✳ 11a. Ψ
11	29·794	·632	30·8	26·2	25·9	34·2	·144	·131	83	94	NW 2	SW 0·5	10	10	·120	✳ before 9a. Fine day.
12	·460	·421	19·2	27·0	18·2	29·4	·086	·140	84	96	SW 0·5	NW 2	10	10	·230	✳ 1½ ins. deep. Fine day. ✳ p.
13	·534	·705	30·4	24·8	21·1	33·3	·156	·105	92	79	SW 0·5	NE 0·5	10	5	·110	✳ a. ≤ ins. deep.
14	·867	·830	9·1	14·9	5·5	25·2	·056	·078	87	92	SW 0·5	SW 1	8	10	·002	⊔ ≋0 (mist) a. Sunny p.
15	·766	·681	9·2	22·8	8·2	26·3	·063	·118	96	97	S 0·5	SW 0·5	10	3	·010	⊔ ≋0 (mist) a. ✳ 6.15p.–6.40p.
16	·747	·809	21·3	8·9	5·9	24·5	·089	·062	81	97	NW 1	S 0·5	0	0	—	⊔ a. Fine and sunny.
17	·834	·758	8·0	26·0	4·1	26·2	·055	·098	90	71	SE 0·5	SE 3	0	10	—	⊔ a. Fine day. ● at night.
18	·518	·356	29·0	24·9	24·3	30·2	·137	·127	86	95	ESE 5	E 8	10	10	·010	● ✳2 ✢ a. ● ✳ 9p.
19	·328	29·450	27·5	27·1	23·9	29·4	·137	·113	92	78	E 4	NE 4	10	10	·010	✳ a. and p. ▲ 7.30p. and 9p.
20	29·771	30·056	26·3	12·1	11·9	30·6	·136	·074	96	100	NW 1	NW 0·5	7	0	·010	✳ showers p.
21	30·256	·312	17·8	15·8	9·8	31·0	·080	·082	83	92	S 0·5	NE 0·5	1	4	·020	✳ showers a. and p.
22	·184	·120	26·6	31·8	9·9	33·8	·106	·163	75	91	NW 1	NW 1	8	10	·020	Slight thaw. ✳ 0 3p.
23	·174	·262	31·8	18·8	18·8	34·0	·160	·098	90	96	NW 0·5	NW 0·5	10	3	—	✳ 8a.—9a. ≋0 (mist) p.
24	·500	30·201	13·9	22·0	9·2	24·4	·081	·110	100	94	SW 1	SSW 0·5	10	10	·002	⊔2 ≋0 (mist) all day.
25	30·083	29·930	20·3	8·0	8·0	23·6	·094	·062	88	100	SE 0·5	NE 0·5	10	0	·002	⊔2 a. Bright sun 11a. ⊔ p.
26	29·747	·467	15·0	30·4	1·3	30·4	·078	·158	92	94	SE 0·5	SE 3	10	10	·087	⊔2 a. ● at night.
27	·320	·206	34·8	37·1	30·3	37·5	·202	·215	100	97	SE 1	SSE 2	10	10	·058	● 0 a. and p.
28	29·085	29·127	35·0	36·1	33·8	37·4	·199	·208	98	98	SSE 0·5	S 0·5	10	10	·030	≋ (mist) all day.
29	28·957	28·862	39·9	41·0	35·2	44·4	·241	·250	99	98	S 0·5	S 0·5	10	10	·228	≋0 (mist) 9a. and 9p. ● 2 showers.
30	29·153	29·185	38·9	42·0	38·0	46·4	·232	·260	99	98	SW 1	S 0·5	10	10	·100	≋0 (mist) till 10a.
31	29·456	29·595	35·0	35·2	33·1	46·5	·201	·199	99	97	SW 1	SW 0·5	0	2	·013	⊔ a. Sunny day. Ψ p.
Means	29·910	29·887	28·1	29·0	22·6	34·9	·148	·158	90·8	93·2	1·3	1·5	7·7	7·0	1·184	

UPPINGHAM.

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

JANUARY 1881.

1	30·318	30·304	35·1	42·6	32·7	42·6	·197	·256	96	93	WbyN 2	WbyN 1	10	10	—	∞ n. Dull day. Warmer p.
2	·399	·424	36·3	41·9	33·6	44·5	·208	·226	97	87	WbyN 1	WbyN 1	1	10	—	≋ ⊔0 early a. ⌓2 9a. Bright
3	·394	·338	39·1	38·7	38·2	42·1	·219	·218	92	93	SSW 1	SSW 1	10	10	—	≋0 from 1p. [day. ≋ p.
4	·303	·300	37·8	41·0	37·1	42·5	·204	·253	90	98	WbyS 1	NEbyE 2	10	10	·027	≋0 ● p.
5	·374	·408	37·9	36·8	35·2	41·6	·209	·195	92	90	NE 4	ENE 4	10	5	—	● from 2.30p. [at 9.23p.
6	·511	·645	32·1	30·9	30·5	38·1	·152	·153	83	88	ENE 4	EbyN 3	0	0	—	Brilliant day. ⊔ p. Evening obs.
7	·674	·601	31·2	33·0	29·3	37·8	·171	·173	97	92	EbyN 2	NEb.N 2	9	9	·013	⊔2 5a. ≋0 10a. Brilliant day.
8	·605	·518	30·7	32·7	29·8	34·1	·154	·165	89	88	ENE 1	NbyE 1	10	10	—	Yesterday's ⊔ not gone in shade.
9	·406	30·253	32·0	32·8	31·2	35·2	·177	·172	97	92	Calm 0	NbyW 1	10	10	·014	≋ ✳0 8a.–2.30p. [≋0 (mist) p.
10	30·094	29·971	29·6	31·8	25·1	34·2	·118	·150	86	83	NNW 1	NbyE 1	0	10	—	⊔0 a. ✳0 p.
11	29·830	·641	28·1	26·9	25·8	32·1	·120	·134	79	92	WbyN 1	NW 1	10	8	·060	≋0 ⊔0 a. ⊔2 10p.
12	·491	·494	20·0	19·2	19·1	28·7	·083	·074	77	72	WbyN 1	NW 3	1	0	—	✳ a., 1 in. deep 9a. Sunny day.
13	·550	·755	28·9	22·0	18·9	31·2	·151	·106	95	91	NbyW 2	NW 2	10	0	—	✳0 till 1.30 p., then bright. ∞0 p.
14	·886	·856	17·7	19·1	15·8	28·2	·081	·092	84	90	NbyE 1	NWbyW 2	0	9	—	Cloudless till 8p., then ∞0 [11p.
15	·794	·709	13·3	23·0	13·3	24·1	·077	·108	97	88	WbyS 1	NbyW 1	0	10	·032	⊔0 8a. Bright till Noon. ✳0 p. ≋0
16	·806	·828	10·3	19·3	9·5	25·7	·069	·087	100	84	WbyN 2	W 3	0	0	—	Clear all day. Snow since 11th, 1¾ ins.
17	·808	·718	21·6	21·8	18·6	28·7	·092	·093	80	80	Calm 0	SE 2	7	10	—	○ [then heavier. Obs. at 9.25a.
18	·439	·347	27·0	23·4	20·3	28·7	·070	·111	49	89	NE 6	EbyN 5	10	10	·040	● ✢2 a. and p. ✳ p., fine at first,
19	·330	29·513	25·7	22·9	22·6	26·6	·119	·095	86	78	EbyN 4	NE 4	10	3	—	✳2 ✢ a. and early p. Squally p.
20	29·810	30·037	16·5	18·9	15·2	30·9	·076	·099	84	97	WbyS 2	NbyE 2	8	0	—	Clear early a. ✳0 p. ⊔2 at night.
21	30·257	·340	17·0	16·4	13·4	29·5	·080	·092	86	100	NbyE 1	NNE 1	0	0	—	Bright cold day.
22	·241	·172	21·0	30·7	15·2	34·9	·081	·165	73	96	NWbyN 1	NW 2	5	10	·014	Slight thaw a. ✳0 p.
23	·210	·282	30·8	29·2	29·0	36·3	·160	·136	93	85	NWbyW 1	Calm 0	10	3	—	
24	·318	30·221	16·5	17·6	15·4	30·2	·092	·096	100	100	Calm 0	WbyS 1	10	10	—	≋2 ⊔2 all day.
25	30·083	29·960	19·6	18·9	12·3	20·7	·106	·096	100	94	SSE 1	Calm 0	10	10	—	⊔2 ≋2 till 1.30p. ≋ from 5p.
26	29·770	·447	15·0	26·8	14·2	26·8	·086	·142	100	98	NE 1	ENE 1	10	10	·046	⊔2 ≋2 a. ≋ p. Thaw.
27	·306	·184	32·7	36·2	26·2	37·1	·186	·212	100	99	Calm 0	SWbyS 1	10	10	·038	✳ a. ≋ all day. Thaw.
28	29·095	29·113	37·0	37·1	33·1	38·7	·218	·221	99	100	Calm 0	SbyW 3	10	10	·030	≋ a. Thaw. ≋2 p.
29	28·981	28·922	38·7	39·6	36·6	42·5	·235	·243	100	100	SbyE 2	SW 2	10	10	·121	≋ all day. ● 0 Noon—4p.
30	29·129	29·177	39·2	41·0	36·9	42·9	·236	·255	98	99	SWbyS 2	S 1	10	10	·030	≋ a. ≋2 p.
31	29·472	29·614	35·7	36·9	33·6	46·0	·196	·201	94	92	SW 1	SW 1	0	0	—	⊔ a. Brilliant day. Ψ 2 6.25p.–6.50p.
Means	29·925	29·908	27·4	29·3	24·8	34·3	·143	·155	90·1	91·2	1·5	1·8	6·8	7·0	0·465	

CHURCHSTOKE.

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

JANUARY 1881.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	
	ins.	ins.	°	°	°	°	in.	in.	%	%					ins.	
1	30·350	30·367	41·2	43·9	34·2	45·5	·233	·264	91	92	N 1	NW 0·5	10	10	—	Dull.
2	·429	·436	40·3	42·3	39·2	45·1	·241	·224	97	84	NW 0·5	Calm 0	10	10	—	Dull.
3	·387	·323	39·8	40·2	38·9	43·0	·213	·234	88	94	SSW 1	SW 1	8	10	—	⌓ a. Dull. ≋0 (mist) 9p.
4	·323	·359	37·3	41·4	36·0	42·2	·214	·254	96	98	W 1	N 1	8	10	·023	Dull. ≋0 (mist) p.
5	·406	·457	38·8	37·8	36·1	42·3	·186	·182	79	80	ENE 2	NE 4	8	6	—	Dull.
6	·503	·612	32·8	31·1	30·3	38·8	·144	·136	77	78	E 3	SE 1	2	1	—	Bitterly cold wind.
7	·666	·687	28·6	23·9	23·2	36·4	·131	·128	84	100	ENE 1	ENE 1	0	0	—	⊔.
8	·643	·573	19·8	24·7	19·2	27·4	·107	·133	100	100	SE 1	SE 1	0	0	—	⊔ ≋0 (mist.)
9	·457	·298	23·9	29·3	20·4	30·2	·128	·152	100	95	SE 1	SE 1	0	9	—	⊔ ≋0 (mist).
10	30·156	30·020	28·0	29·3	26·5	30·5	·144	·150	94	93	SW 1	N 2	10	9	—	⊔. Raw cold day.
11	29·878	29·626	29·4	30·3	24·1	30·4	·151	·169	93	100	W 2	NW 1	10	10	·089	⊔ a. ✳ p., 2 ins. deep.
12	·562	·591	16·1	21·7	15·1	32·0	·090	·116	100	100	NW 1	N 1	2	2	—	✳ a. ⊔. Bright day.
13	·634	·816	27·3	17·3	16·7	30·0	·149	·078	100	84	NW 1	Calm 0	3	0	—	⊔. Bright day.
14	·926	·920	8·6	8·9	6·9	18·2	·063	·064	100	100	WNW 1	Calm 0	10	0	—	≋ 9a. ⊔
15	·852	·783	8·9	16·7	6·1	17·2	·064	·093	100	100	Calm 0	Calm 0	0	0	·030	⊔. Very cold. ✳0 6p.
16	·861	·851	11·4	18·0	7·3	33·7	·069	·098	95	100	Calm 0	W 1	0	3	—	✳ before 9a. ⊔
17	·779	·767	16·2	26·0	13·3	27·0	·090	·130	100	93	ENE 2	ENE 5	4	10	—	⊔ ∞
18	·418	·385	26·9	25·9	23·5	27·0	·146	·140	100	100	E 4	E 7	10	10	·428	⊔2 ●. Bitterly cold. ✳2 p.
19	·438	29·675	23·1	23·7	21·2	28·0	·124	·127	100	100	E 4	NNE 2	10	0	—	✳ ●2 ✢ 5 ins. to 6 ins. deep on level.
20	29·838	30·058	16·1	9·9	8·2	30·0	·090	·067	100	100	SW 1	NW 1	2	0	—	⊔ Bright.
21	30·292	·409	14·9	12·0	5·4	25·0	·085	·074	100	100	WSW 1	WSW 1	0	0	—	≋0 (mist) a. ⊔2
22	·356	·255	10·1	31·4	5·9	31·5	·068	·172	100	98	WNW 1	Calm 0	0	10	—	≋0 (mist) a. ⊔. Warmer p.
23	·261	·281	28·0	29·0	26·5	32·0	·141	·151	92	95	W 0·5	ESE 0·5	9	10	·045	⊔. Dull. ✳ showers p.
24	·276	30·188	28·3	20·9	16·0	31·9	·146	·112	95	100	E 1	Calm 0	5	0	—	≋0 (mist) ✳ 9p. ⊔
25	30·102	29·971	5·7	5·4	5·1	26·7	·056	·055	100	100	Calm 0	Calm 0	0	10	—	⊔2. Bright, but very cold.
26	29·782	·358	6·8	25·5	−1·0	26·2	·059	·138	100	100	Calm 0	SE 1	10	10	·020	⊔ ≋2. ✳ 8.30p.
27	·285	·136	32·0	35·1	25·4	38·7	·162	·202	90	99	S 2	Calm 0	10	10	—	≋2 ✳ ⊔. Slight thaw.
28	29·115	29·029	33·9	37·0	32·9	38·4	·195	·218	100	99	SW 0·5	SW 2	9	10	—	≋2 all day. Rapid thaw.
29	28·872	28·944	38·3	39·2	35·8	42·0	·227	·239	99	100	SSE 0·5	S 0·5	10	10	—	≋2. Thaw.
30	29·075	29·198	38·0	37·3	36·0	45·1	·223	·214	97	96	SE 2	SE 0·5	9	10	·120	Snow gone, except drifts.
31	29·434	29·622	39·8	37·9	32·6	48·5	·207	·226	85	99	W 3	W 1	1	0	·020	Bright day.
Means	29·947	29·935	25·5	27·5	21·5	33·6	·140	·153	95·2	96·0	1·3	1·2	5·5	5·8	0·775	

* Height re-determined.

GELDESTON.

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

JANUARY 1881.

1	30·297	30·296	32·3	40·2	31·1	40·2	·178	·239	97	96	W 1	WSW 1	6	10	·010	≋0 ⊔0 9a. ⌓0 9p.
2	·382	·427	34·9	41·1	34·2	41·3	·203	·256	100	99	WNW 1	Calm 0	10	10	—	≋0 ⊔ 9a. ≋0 ⌓ 9p.
3	·404	·344	40·9	40·0	39·5	41·8	·224	·226	88	92	Calm 0	Calm 0	10	10	—	≋0 ⌓ 9a. and 9p.
4	·288	·264	38·8	41·3	38·2	41·8	·220	·255	94	99	Calm 0	NE 1	10	10	—	≋0 ⌓ 9a. ⌓ 9p.
5	·319	·355	41·0	38·0	37·9	43·4	·213	·190	83	83	NE 3	ENE 5	8	1	—	⊔0
6	·516	·614	37·9	36·5	35·9	40·3	·173	·177	76	82	E 5	E 3	0	0	—	⊔0 on grass 9a. Sunny day.
7	·649	·617	36·1	31·8	31·4	41·0	·190	·163	89	91	ENE 1	NNE 1	0	6	—	⊔0 9a. ⊔ 9p.
8	·535	·454	35·0	35·7	31·7	42·2	·182	·196	89	93	NW 1	NNE 1	9	0	·030	⊔0 on grass 9a. Ψ p. [outside.
9	·358	30·212	35·0	31·0	30·9	37·7	·184	·166	90	95	NNE 1	NNW 1	9	1	·010	⊔ 9p. Ψ with exterior circle, red
10	30·034	29·916	31·0	32·0	30·2	34·3	·148	·182	85	100	WNW 1	NNW 1	2	10	·030	● 0 early a. ≋0 8a. ⊔0 ⌓0 9a.
11	29·789	·632	30·8	27·7	26·8	33·5	·157	·133	91	88	W 1	W 1	9	10	—	[✳0 9p.
12	·452	·394	29·3	27·1	24·0	29·3	·154	·142	95	96	WNW 1	W 3	10	10	·120	≋0 9a. ✳0 p.
13	·489	·681	28·1	26·3	19·7	35·7	·151	·137	98	96	WNW 1	NNE 1	10	2	·180	✳ a. and p.
14	·856	·820	14·1	20·0	13·8	30·9	·082	·108	100	100	ENE 1	NW 2	6	8	·010	⊔ ✳0. Snow 5 ins. deep 9a.
15	·774	·674	12·8	22·0	12·2	25·5	·077	·118	100	100	W 2	W 2	10	10	—	≋ ⊔2 9a. Ψ 0 7.30p.
16	·728	·809	13·4	15·9	12·1	25·9	·074	·090	93	100	W 2	W 2	0	0	—	≋0 ⊔0 9a. and 9p. [W. 0.30 p.
17	·836	·770	14·0	30·6	10·0	30·8	·079	·132	96	76	NW 1	ESE 3	0	5	—	≋0 ⊔0 9a. Wind SE., cir.-s. from
18	·496	·349	31·0	25·0	21·1	32·2	·079	·135	46	100	E 8	E 8	10	10	·010	● 2 fearful gale 2p. ✳ 5.30p. ✢2,
19	·288	29·399	27·8	28·5	24·4	29·3	·103	·096	69	62	ENE 6	NNE 6	10	10	·050	● ▲0 ✳0 ✢2 [Many roads stopped.
20	29·733	30·039	21·9	18·0	17·9	34·5	·086	·098	74	100	NW 1	NW 1	7	0	·010	Partial ○, coloured, 2.15p. ✳0 ▲0
21	30·231	·303	21·7	22·9	4·8	34·1	·117	·123	100	100	ESE 1	ENE 1	0	0	·020	≋0 ⊔0 9a. ✳0 p.
22	·162	·100	22·0	32·1	10·9	34·1	·114	·159	97	87	W 2	NNE 1	10	9	·050	⊔0 9a. ✳0
23	·141	·254	30·2	23·0	23·0	39·6	·163	·123	97	100	NW 1	N 1	9	0	·060	≋ ✳ ⊔2. ○ 0 11a.
24	·295	30·207	16·9	26·6	10·9	30·0	·090	·125	97	87	WNW 1	S 2	8	10	—	≋ ⊔ a.
25	30·080	29·902	11·5	16·2	5·6	29·7	·073	·091	100	100	E 1	ENE 1	7	0	—	≋0 ⊔2 9a. ⊔ 9p.
26	29·750	·503	5·1	33·1	3·5	33·1	·052	·170	96	90	WNW 1	SSE 2	1	10	·100	≋0 ⊔0 9a.
27	·345	·233	35·2	36·7	33·0	37·0	·202	·218	98	100	SSE 2	S 1	10	10	·170	● a. ≋ p.
28	·060	29·169	36·1	36·0	34·0	37·8	·211	·208	99	98	NNE 1	SW? 1	10	10	·090	≋ a. and p.
29	·004	28·940	39·3	44·5	35·6	44·6	·236	·281	99	96	S 2	SW 5	10	10	·080	
30	·176	29·230	39·1	42·0	37·5	47·6	·235	·252	98	94	SSW 1	S 3	4	10	·030	
31	29·477	29·623	37·1	37·3	36·1	49·1	·201	·215	91	97	WSW 2	SSW 1	0	0	—	Ψ 6.45p., flashing in cloud-like forms, [or with streamers upwards to N. and [NW. Sky clear, colour doubtful. [Streamers to zenith 8.20 p.
Means	29·901	29·888	28·4	30·9	24·4	36·4	·150	·168	91·1	93·5	1·7	2·0	6·6	6·2	1·060	

CHELTENHAM.

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

JANUARY 1881.

Day.	Barometer at 32° and M. S. L. 9 a.m.	Barometer at 32° and M. S. L. 9 p.m.	Air Temperature. 9 a.m.	Air Temperature. 9 p.m.	Air Temperature. Min.	Air Temperature. Max.	Tension of Vapour. 9 a.m.	Tension of Vapour. 9 p.m.	Relative Humidity. 9 a.m.	Relative Humidity. 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	Barometer out of order.		38·7	44·5	29·9	45·0	·214	·275	92	94	S 1	Calm 0	10	10	—	Dull day. ≋⁰ at night.
2			40·7	42·2	34·5	45·5	·240	·243	95	90	Calm 0	Calm 0	10	10	—	Dull and damp.
3			42·0	41·2	40·0	43·0	·243	·194	91	75	SE 1	Calm 0	10	10	·010	Dull all day.
4			38·2	41·8	32·0	41·8	·223	·249	96	95	Calm 0	NE 1	9	9	·020	●⁰ *p.*
5			40·7	38·4	32·6	42·6	·211	·223	83	96	NE 2	NE 4	9	1	—	Dull *a.* Fine *p.*
6			35·0	38·0	33·8	40·5	·166	·167	80	72	E 3	E 4	4	6	—	Bright and sunny, but very cold.
7			33·0	32·2	28·0	39·2	·167	·139	89	76	Calm 0	NE 2	1	1	—	Beautifully fine, but cold.
8			28·3	21·0	20·8	32·2	·140	·078	91	70	NE 1	NE 1	10	1	—	
9			28·2	32·8	20·3	32·8	·148	·182	96	98	Calm 0	Calm 0	10	9	—	
10			28·8	31·7	25·6	32·8	·132	·166	84	94	Calm 0	Calm 0	9	9	—	✳⁰
11			29·6	31·0	28·2	32·2	·156	·174	95	100	Calm 0	Calm 0	8	8	·130	✳ in the evening.
12			15·0	28·7	12·2	31·0	·057	·143	67	91	Calm 0	Calm 0	4	2	·070	✳ *a.*
13			29·1	10·8	10·5	31·0	·157	·055	98	79	Calm 0	Calm 0	9	0	—	✳⁰ *a.*
14			9·3	6·0	6·0	17·8	·059	·057	90	100	Calm 0	Calm 0	10	0	—	≋² *a.* and *p.*
15			6·0	23·0	2·5	23·0	·057	·115	100	94	Calm 0	Calm 0	0	10	—	≋ 9*a.* and before. Bright later, but [very cold.
16			9·5	11·9	6·1	25·0	·052	·043	81	59	Calm 0	Calm 0	0	0	—	Fine day. ⌊²
17			20·8	27·5	9·5	29·0	·084	·134	76	90	SE 1	SE 5	6	10	—	Dull and windy. ◢² at night.
18			30·0	25·2	15·0	31·5	·140	·133	83	97	NE 8	NE 8	10	10	·580	◢² with squalls all day, and ✳²
19			25·5	24·0	20·1	26·0	·134	·121	98	95	N 4	N 1	10	0	·090	✳ till 5*p.*
20			6·6	11·8	−3·3	27·0	·047	·063	80	85	N 1	N 1	0	10	—	Fine and bright.
21			23·3	18·6	6·0	27·8	·113	·081	92	81	N 2	N 1	0	0	—	Brilliant day.
22			11·6	29·0	7·5	30·5	·065	·131	89	82	Calm 0	Calm 0	7	10	—	⌊ ≋ *a.*
23			27·2	29·2	19·0	34·5	·142	·155	96	97	SE 1	Calm 0	8	10	—	Fine day.
24			10·9	10·1	7·0	29·2	·063	·070	88	100	W 1	Calm 0	0	10	—	⌊ ≋² at night.
25			18·0	16·5	9·6	21·0	·098	·081	100	90	N 1	Calm 0	10	10	—	⌊ ≋⁰ *a.* Fine and sunny.
26			20·2	32·0	16·0	32·0	·101	·172	94	95	N 1	S 6	10	10	·080	Dull and windy. ✳⁰ ●⁰
27			38·2	38·4	31·5	41·8	·201	·226	88	98	S 1	S 2	10	10	·050	●⁰
28			35·0	40·6	33·5	40·6	·204	·244	100	97	S 1	S 2	10	10	·020	≋ 9*a.* Dull all day.
29			41·8	43·4	38·4	45·6	·258	·270	98	96	SE 2	W 1	10	10	·110	
30			39·4	42·8	36·0	47·2	·231	·237	96	86	SE 2	SE 1	10	10	·030	
31			41·2	37·5	33·5	48·0	·208	·204	81	92	S 1	SE 1	1	0	·010	Very fine. ⚳² 6.30*p.*—11.30*p.*, it began [with streamers from a red cloud, [then flashes, then an arch.
Means	—	—	27·2	29·1	20·7	34·4	·146	·156	89·9	89·2	1·1	1·3	6·9	6·6	1·200	

CARMARTHEN.

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

JANUARY 1881.

1	30·376	30·370	39·6	46·0	37·5	48·6	·238	·283	98	92	Calm 0	Calm 0	10	10	·020	
2	·436	·404	45·3	43·3	43·0	47·6	·221	·241	73	86	Calm 0	Calm 0	10	10	—	
3	·346	·303	42·1	42·4	41·2	44·5	·233	·253	88	94	Calm 0	Calm 0	9	10	·010	
4	·306	·307	39·1	42·5	38·9	45·1	·237	·254	99	94	Calm 0	Calm 0	8	10	—	
5	·341	·344	41·3	38·9	38·3	44·7	·183	·185	71	79	E 4	E 4	3	0	—	
6	·404	·510	36·9	33·4	33·3	40·7	·156	·147	72	77	E 3	NE 2	2	0	—	Squally before 9*a.*
7	·585	·587	32·3	30·9	29·5	43·1	·168	·144	92	82	NE 1	E 1	0	0	—	
8	·572	·518	26·6	21·7	21·1	39·0	·112	·113	79	97	E 2	E 1	0	0	—	
9	·435	30·278	22·3	32·3	19·5	32·8	·116	·150	98	82	Calm 0	E 1	10	9	—	≋ 9*a.*
10	30·145	29·998	28·6	30·1	27·1	35·1	·134	·159	86	95	Calm 0	N 1	4	0	—	
11	29·876	·662	30·1	30·3	27·1	33·2	·165	·156	98	92	Calm 0	Calm 0	10	10	·140	✳ *p.*
12	·572	·597	25·8	26·1	23·8	37·2	·115	·131	83	93	Calm 0	Calm 0	0	5	·010	✳ *p.*
13	·651	·789	22·1	18·3	13·6	36·8	·115	·083	97	84	Calm 0	Calm 0	8	0	—	
14	·865	·875	15·1	14·3	11·0	30·8	·086	·083	100	100	E 1	E 1	0	0	—	
15	·855	·767	9·6	16·2	3·8	24·2	·064	·090	95	100	Calm 0	E 1	7	4	·020	✳
16	·885	·859	12·7	12·8	9·5	27·3	·073	·077	95	100	Calm 0	Calm 0	3	5	—	✳ before 9*a.*
17	·686	·461	21·7	30·0	10·8	33·4	·085	·120	75	72	E 3	E 5	10	10	—	
18	·222	·221	30·1	28·3	26·0	30·6	·159	·152	95	93	NE 7	NE 10	10	10	—	◢² (full gale), all day.
19	·343	·710	27·3	25·9	22·9	30·6	·146	·140	98	100	NE 5	N 1	10	0	·200?	✳
20	29·852	29·992	26·1	17·3	15·7	31·6	·131	·085	93	90	Calm 0	Calm 0	10	0	—	✳ 9*a.* ✳⁰ *p.*
21	30·171	30·551	20·7	20·6	9·9	29·8	·086	·089	79	82	N 2	Calm 0	0	0	—	
22	·326	·251	12·1	31·6	12·5	35·6	·061	·164	82	92	Calm 0	Calm 0	0	10	—	
23	·283	·246	29·5	30·7	28·5	36·2	·149	·154	92	90	Calm 0	Calm 0	10	7	—	
24	·251	30·153	30·9	22·9	21·9	39·0	·158	·123	92	100	Calm 0	Calm 0	8	0	—	
25	30·043	29·900	16·1	16·6	12·3	29·3	·086	·085	97	93	Calm 0	N 1	0	0	—	
26	29·632	·224	21·1	37·0	7·5	37·3	·082	·200	74	91	E 2	Calm 0	10	10	·260	
27	·226	28·069	40·2	41·7	36·2	43·0	·247	·260	99	98	Calm 0	E 1	10	10	·110	≋ 9*a.* V 9*p.*
28	29·115	28·972	37·1	42·1	36·3	44·0	·219	·259	99	97	E 1	E 1	10	10	·260	≋ 9*a.*
29	28·799	28·936	43·1	42·1	41·5	47·4	·271	·266	97	99	Calm 0	Calm 0	10	10	·090	≋ 9*p.*
30	29·017	29·200	43·3	40·4	39·4	47·1	·269	·238	96	95	S 2	S 1	10	2	·130	
31	29·442	29·589	40·1	39·4	37·3	50·3	·235	·231	95	96	Calm 0	S 1	0	8	·070	⌊ 9*a.*
Means	29·905	29·885	29·3	30·5	25·1	37·9	·155	·165	89·9	91·6	1·1	1·1	6·2	5·2	1·320?	

MARLBOROUGH.

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

JANUARY 1881.

Day.	Barometer at 32° and M. S. L. 9 a.m.	Barometer at 32° and M. S. L. 9 p.m.	Air Temperature. 9 a.m.	Air Temperature. 9 p.m.	Air Temperature. Min.	Air Temperature. Max.	Tension of Vapour. 9 a.m.	Tension of Vapour. 9 p.m.	Relative Humidity. 9 a.m.	Relative Humidity. 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	30·466	30·377	34·2	41·2	29·6	42·1	·188	·250	96	97	Calm 0	Calm 0	10	10	—	≋ *p.*
2	·436	·440	40·9	41·5	39·8	44·9	·240	·240	95	92	Calm 0	Calm 0	10	10	—	
3	·400	·346	40·6	37·8	37·5	42·2	·244	·205	97	91	Calm 0	Calm 0	10	10	—	≋ *a.* and 9*p.*
4	·309	·292	37·6	39·7	37·3	40·5	·205	·225	91	92	Calm 0	Calm 0	9	9	·020	≋⁰ (mist) 9*a.*
5	·296	·313	38·7	37·0	36·3	41·1	·211	·184	90	84	NE 2	E 2	9	10	—	
6	·401	·510	35·1	34·0	34·0	39·8	·160	·166	77	84	NE 3	E 3	8	0	—	
7	·591	·633	31·6	29·4	29·2	38·8	·161	·148	91	92	E 1	N 1	0	0	—	
8	·594	·529	27·9	29·5	26·9	32·9	·140	·143	92	88	E 1	Calm 0	10	10	—	≋⁰ (mist) 9*a.*
9	·408	30·264	31·8	32·9	29·3	34·1	·177	·164	99	88	Calm 0	Calm 0	10	10	—	✳⁰ before 9*a.* ≋⁰ (mist) 9*a.*
10	30·113	29·990	31·0	30·9	30·3	32·9	·174	·162	100	94	Calm 0	Calm 0	10	10	—	≋ before 9*a.*
11	29·879	·692	29·2	30·6	29·2	35·8	·146	·171	92	100	Calm 0	Calm 0	10	10	·100	
12	·558	·586	21·8	21·8	19·7	32·4	·091	·091	80	80	Calm 0	W 1	1	4	—	
13	·591	·767	28·1	22·6	11·5	31·7	·135	·121	88	100	Calm 0	Calm 0	10	0	—	
14	·884	·886	12·8	13·8	12·2	27·3	·077	·081	100	100	Calm 0	Calm 0	0	0	—	
15	·873	·768	7·3	23·6	6·9	30·0	·060	·100	100	75	Calm 0	W 1	0	9	—	
16	·873	·901	8·5	8·8	8·5	32·2	·049	·064	79	100	Calm 0	Calm 0	10	0	—	
17	·828	·574	14·8	25·8	8·8	29·0	·085	·106	100	77	Calm 0	E 2	6	10	—	
18	·189	·083	27·1	24·8	24·2	30·0	·124	·134	85	100	E 3	E 3	10	10	1·670	✳ *p.*
19	·232	29·507	23·5	22·8	22·2	28·8	·126	·097	100	81	E 3	E 3	10	10		✳ *p.*
20	29·876	30·012	13·0	19·3	11·7	30·8	·071	·086	92	84	W 3	Calm 0	3	6	—	
21	30·192	·343	20·1	15·9	15·9	25·0	·097	·089	90	100	Calm 0	Calm 0	1	0	—	
22	·307	·200	14·4	25·8	12·6	27·8	·080	·118	95	86	Calm 0	Calm 0	9	10	—	
23	·257	·290	29·8	26·8	23·7	35·5	·136	·146	82	100	Calm 0	Calm 0	10	9	—	✳⁰ 9*a.* and 9*p.*
24	·326	30·202	16·1	23·6	11·7	26·8	·090	·127	100	100	Calm 0	Calm 0	10	10	—	≋ all day.
25	30·064	29·928	18·5	17·4	16·5	25·0	·100	·095	100	100	NE 1	Calm 0	10	8	—	
26	29·731	·372	19·8	32·8	17·4	33·4	·107	·165	100	89	E 1	Calm 0	10	10	·160	✳ ▲ ● 9*p.*
27	·316	·161	36·8	37·5	30·2	39·9	·217	·223	99	99	Calm 0	Calm 0	10	10	·110	≋ all day.
28	29·138	29·108	35·2	39·5	34·6	40·0	·205	·240	100	99	Calm 0	Calm 0	10	10	·130	≋⁰ (mist) 9*a.*
29	28·921	28·988	40·7	41·7	39·1	45·5	·249	·259	98	98	Calm 0	Calm 0	10	10	·400	≋ *a.* and *p.*
30	29·140	29·233	39·7	38·7	38·1	45·5	·242	·221	99	94	Calm 0	Calm 0	10	8	·080	≋ *a.*
31	29·528	29·631	36·0	38·7	34·0	48·8	·199	·235	95	100	Calm 0	Calm 0	0	10	·010	
Means	29·924	29·901	27·2	29·2	24·5	35·2	·148	·157	93·6	92·4	0·6	0·5	7·6	7·5	2·680	

STRATHFIELD TURGISS.

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

JANUARY 1881.

1	30·387	30·365	34·7	41·9	32·5	42·1	·182	·257	90	97	W 1	W 2	8	10	—	
2	·421	·438	41·4	41·0	40·4	44·5	·243	·243	94	95	SW 1	SW 2	10	10	·017	≋ *p.*
3	·407	·343	40·8	37·3	36·7	43·5	·231	·213	92	95	W 0–1	W 0–1	10	10	—	≋ 9*a.*
4	·304	·275	39·1	35·5	33·5	42·2	·199	·170	84	82	NE 1	NE 1	10	0	—	
5	·278	·294	40·2	36·0	31·4	42·8	·226	·179	91	85	NE 3–4	NE 5–4	6	5	—	◢ in squalls *a.* and *p.*
6	·393	·515	36·3	34·4	34·4	41·0	·176	·165	83	82	NE 4–3	NE 2	5	0	—	◢ in squalls *a.*
7	·597	·606	32·0	30·0	29·4	38·2	·149	·145	82	86	E 3	E 2	0	0	—	≋ *p.*
8	·574	·505	31·4	33·6	28·3	34·8	·146	·176	81	91	NE 3	NE 2	10	10	—	≋ *a.* ≋ ✳ *p.*
9	·397	30·253	34·0	34·9	31·2	37·2	·175	·174	89	85	E 1	NE 2	10	10	—	≋ *a.*
10	30·107	29·981	33·0	32·5	30·2	35·1	·165	·158	88	86	NE 1	NW 0–1	9	10	—	
11	29·860	·684	31·8	31·1	30·3	35·0	·156	·154	87	89	NE 0–1	W 0–1	10	10	·081	✳
12	·536	·564	24·1	23·2	21·9	32·0	·111	·102	87	84	N 1	W 0–1	0	0	—	
13	·554	·758	29·8	24·1	17·5	32·6	·133	·115	80	90	N 1	N 1	10	0	—	≋ *p.*
14	·880	·860	15·5	20·0	11·5	32·0	·061	·093	72	86	N 0–1	Calm 0	1	10	—	≋ 9*p.*
15	·850	·750	14·6	22·4	8·1	27·2	·059	·082	72	71	NE 2	N 2	0	2	—	≋ *a.*
16	·856	·884	17·1	11·2	11·2	29·7	·073	·051	80	70	Calm 0	NE 1	0	0	—	≋ 9*p.*
17	·834	·648	11·9	27·4	5·6	31·5	·054	·133	72	90	Calm 0	E 3	5	10	—	≋ *a.*
18	·181	·113	27·8	27·7	18·6	30·6	·139	·117	92	79	E 4–6	NE 4–3	10	10	·293	◢² ✳² all day. ✢ 7 and 8 [deep. feet
19	·231	29·444	25·8	24·9	24·7	29·1	·125	·110	91	90	NE 3	NE 4–3	10	10	·286	✳ all day.
20	29·872	30·000	11·7	19·4	9·8	28·4	·062	·080	85	78	N 1	N 1	0	0	—	✳ before 9*a.*
21	30·183	·320	21·7	9·0	8·9	28·2	·105	·058	92	90	NE 3	NE 2	0	0	—	
22	·280	·176	16·6	20·7	3·9	28·6	·082	·089	90	82	Calm 0	N 1	10	9	—	V *a.*
23	·230	·300	31·9	13·3	13·3	36·0	·148	·064	82	83	NW 1	NE 2	9	0	—	⌊ *p.*
24	·305	30·201	23·6	25·6	4·9	26·8	·119	·124	95	91	Calm 0	N 2	10	10	—	≋ ⌊ *a.* ≋ V *p.*
25	30·056	29·911	21·7	19·2	15·4	26·0	·091	·082	80	81	E 3–4	NE 1	10	10	—	≋ *a.*
26	29·727	·397	21·4	34·2	12·7	34·2	·093	·183	83	93	NE 2	SE 2–3	10	10	·128	≋ *a.* ● ✳ 9*p.*
27	·316	·182	37·1	38·7	33·4	42·2	·215	·231	97	98	SE 0–1	SE 2	10	10	·064	≋ 9*a.*
28	29·128	29·138	35·7	40·0	34·8	41·5	·203	·240	98	98	SE 0–1	SW 2	10	10	·072	≋⁰ *a.* ≋ *p.*
29	28·948	28·997	45·0	44·9	38·5	47·8	·245	·284	82	95	S 1	SW 1	10	10	·208	
30	29·172	29·201	41·4	44·4	40·8	46·8	·252	·285	97	98	S 1	SW 2	10	10	·024	≋ *a.*
31	29·529	29·642	37·2	37·1	33·5	49·1	·214	·215	96	97	SW 1	SW 1	0	10	·010	⌊ *a.* ≋ *p.*
Means	29·916	29·894	29·2	29·5	23·5	36·0	·149	·154	86·6	87·6	1·5	1·7	6·9	6·7	1·192	

RAMSGATE.

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

JANUARY 1881.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	
	ins.	ins.	°	°	°	°	in.	in.	%	%					ins.	
1	30·371	30·370	35·2	40·3	31·7	41·3	·183	·233	89	94	W 1	SW 1	2	10	·030	Dull and damp.
2	·427	·457	41·5	42·7	36·1	44·6	·255	·263	98	96	Calm 0	Calm 0	10	10	—	≋0 (mist) 9a.
3	·426	·325	40·0	40·0	39·5	45·0	·226	·197	92	80	Calm 0	S 1	10	0	—	Fine and bright.
4	·270	·248	41·0	43·5	38·5	43·5	·197	·229	77	80	E 1	E 1	3	10	—	Fine but chilly.
5	·275	·272	41·2	39·5	37·5	44·2	·233	·199	91	82	E 5	E 6	5	10	—	Cold and windy.
6	·427	·483	38·5	37·4	37·2	40·2	·174	·180	74	81	E 4	E 5	5	0	—	Very bleak day.
7	·579	·582	38·8	39·8	36·5	42·9	·186	·194	79	80	E 2	E 1	5	0	—	
8	·474	·430	38·1	38·0	37·3	40·8	·212	·205	92	89	E 1	SE 1	5	10	—	n. Fine, but cold.
9	·330	30·250	37·5	35·5	34·0	39·2	·174	·164	77	79	E 1	E 4	7	10	—	
10	30·054	29·959	34·5	34·5	32·5	41·4	·174	·186	86	93	E 1	E 1	10	10	·020	▲ p.
11	29·828	·699	32·8	30·2	29·7	36·2	·169	·157	91	94	E 1	Calm 0	10	10	—	✳ a.
12	·485	·572	31·9	26·5	25·8	32·5	·159	·097	88	68	Calm 0	NW 2	10	0	·030	✳ all day.
13	·579	·682	27·8	31·5	23·2	33·5	·102	·165	69	93	NW 1	NW 1	10	10	—	✳ a. and p.
14	·846	·840	30·0	28·0	26·5	34·0	·143	·125	85	82	E 1	Calm 0	5	3	—	✳ a.
15	·818	·783	16·0	19·0	15·0	28·2	·062	·072	70	71	W 2	W 1	10	10	—	
16	·737	·861	21·0	19·0	15·5	29·8	·078	·085	70	83	Calm 0	W 1	10	0	—	
17	·858	·703	20·6	30·2	15·1	32·5	·089	·139	82	83	W 1	E 5	10	10	·020	
18	·310	·205	29·2	31·0	25·1	32·5	·158	·169	99	97	E 7	E 5	10	10	·170	✳2
19	·195	29·345	31·2	31·5	25·6	33·8	·170	·165	97	93	E 2	E 4	10	10	·020	✳ a. ● ✳ (sleet) p.
20	29·748	30·063	26·2	26·1	23·1	34·2	·135	·131	96	93	E 3	W 1	0	5	—	
21	30·210	·318	26·0	25·8	24·1	32·3	·113	·133	81	95	E 1	SE 1	0	7	·060	✳ p.
22	·221	·102	18·0	31·5	15·5	32·0	·081	·165	83	93	Calm 0	NW 1	10	0	·020	✳ 3.30 p.—4p.
23	·168	·268	31·5	29·0	27·2	36·3	·165	·145	94	91	NW 1	Calm 0	0	0	—	Slight thaw.
24	·329	30·213	29·0	26·5	24·9	30·5	·156	·127	98	89	Calm 0	Calm 0	10	10	—	≋0 (mist) a. Dull all day.
25	30·056	29·873	25·0	27·0	23·2	32·2	·101	·130	79	90	Calm 0	E 1	9	0	—	
26	29·747	·490	27·0	34·1	21·5	34·1	·120	·194	83	99	Calm 0	S 2	10	10	·320	
27	·357	·254	37·2	38·2	30·0	40·8	·218	·229	98	99	S 1	S 3	10	10	·150	≋2 all day.
28	·044	·229	38·1	38·8	36·3	39·8	·228	·234	99	99	Calm 0	S 2	10	10	·140	≋
29	·036	·062	42·8	45·0	38·2	46·8	·275	·271	100	91	SW 5	S 6	10	0	·070	Squally p.
30	·243	·376	43·3	42·0	40·1	45·8	·278	·260	99	98	SW 4	SW 3	9	10	·100	
31	29·581	29·690	38·7	37·2	36·1	49·6	·221	·214	94	96	W 1	Calm 0	0	0	—	
Means	29·904	29·900	32·6	33·5	29·1	37·8	·169	·176	87·4	88·7	1·5	1·9	7·3	6·3	1·150	

SOUTHAMPTON.

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

JANUARY 1881.

1	30·410	30·367	35·2	44·1	32·6	46·0	·198	·282	96	97	Calm 0	SW 1	10	10	—	⌴ ≋ 9a.
2	·421	·421	42·7	43·7	41·9	45·3	·261	·247	95	86	N 1	NE 1·5	10	10	—	≋0 9a. ≋ p.
3	·398	·322	42·9	36·9	36·4	44·6	·256	·205	93	94	SE 1·5	NE 2·5	10	0	—	≋0 9a. ⌓ 9p.
4	·290	·266	32·2	39·4	29·3	41·4	·174	·218	95	91	NE 1	NE 2·5	1	10	—	⌴2 9a.
5	·248	·236	41·6	38·1	36·1	43·3	·222	·186	85	80	NE 4	NE 6	10	1	—	9p.
6	·360	·477	37·2	34·1	33·7	40·6	·172	·151	78	76	E 5	E 4	10	1	—	
7	·561	·574	32·3	33·1	31·3	41·8	·157	·164	85	87	E 1	NNE 2·5	0	0	—	⌴ ≋0 9a. ⌴ 9p.
8	·580	·492	29·6	34·2	27·6	34·5	·143	·178	86	89	NE 2·5	NNE 2	10	10	—	⌴ 9a.
9	·390	30·232	33·8	34·8	32·3	38·5	·180	·160	92	80	NNE 2	NNE 2	10	10	—	✳0 n. ≋0 9a.
10	30·098	29·976	33·7	32·2	30·0	35·6	·175	·160	91	88	NE 1·5	W 1	10	10	—	≋0 9a.
11	29·866	·714	31·7	33·5	31·0	36·7	·168	·166	94	86	NW 0·5	SW 2	10	10	·010	✳ ● n. ≋ 9a. ✳0 p.
12	·558	·574	29·3	27·9	27·8	35·2	·131	·120	82	79	NW 1·5	W 2·5	7	0	—	✳ early a. ⌴ 9p.
13	·582	·758	28·3	27·2	22·1	34·0	·137	·135	89	92	NW 2·5	NNE 1·5	10	0	—	✳0 ⌴ 9a. ⌴ 9p.
14	·860	·857	22·3	21·1	20·8	32·0	·116	·114	98	100	NNE 2·5	NE 3·5	0	2	—	⌴2 9a. and 9p.
15	·852	·786	14·1	23·6	13·2	30·5	·082	·099	100	79	Calm 0	SW 2	0	9	—	≋0 ⌴2 9a.
16	·863	·886	18·5	19·1	18·2	32·1	·101	·104	100	100	NW 0·5	Calm 0	0	0	—	⌴2 9a. ≋ ⌴2 9p.
17	·803	·538	23·8	30·0	15·2	35·0	·111	·100	86	60	NE 1·5	E 6·5	10	10	·060	≋0 ⌴2 9a. ✳ p.
18	·085	·056	27·0	32·2	25·8	34·9	·144	·151	98	83	E 8·5	S 3	10	2	·162	✳ 4a.—6p.* ✢2
19	·173	·449	26·8	25·2	25·2	33·9	·146	·136	100	100	NE 5	N 6	10	10	·086	✳ a. ✳2 ✳ from 3p.
20	29·869	29·972	18·6	26·9	16·5	29·5	·088	·123	87	85	NW 2	E 4	2	10	·227	✳2 showers p.
21	30·143	30·310	21·8	15·7	15·7	29·4	·117	·089	100	100	NE 3	NE 2	2	0	—	✳2 ✳ n. ✳ 9 ins. deep, 9a. ⌴2 9p.
22	·283	·179	14·7	21·0	14·7	26·5	·085	·113	100	100	NNW 0·5	N 1·5	9	0	—	⌴2 9a. ⌴ 9p.
23	·243	·287	30·3	26·3	21·0	35·8	·146	·127	86	89	NW 1·5	N 1	10	5	—	✳0 9a.—1p.
24	·306	30·175	20·8	22·8	13·4	27·6	·112	·122	100	100	N 1·5	NE 2·5	10	10	—	≋ ⌴2 9a. ⌴ 9p.
25	30·030	29·860	16·8	23·2	16·2	26·0	·093	·110	100	89	NE 2·5	NE 3	1	10	—	⌴2 9a.
26	29·707	·382	24·0	36·8	20·8	36·9	·104	·208	81	96	NE 1·5	SE 3·5	10	10	·143	✳ 5p.—6p., then ✳ ● and ●.
27	·329	·156	37·2	39·1	36·0	41·4	·222	·239	100	100	Calm 0	SE 2·5	10	10	·151	≋2 all day.
28	29·159	29·113	36·7	41·1	36·1	42·5	·210	·254	97	98	NW 0·5	SSE 2·5	10	0	·258	● till 8.30a. ≋ Mid-day.
29	28·939	28·985	44·3	45·1	40·8	47·0	·289	·298	99	99	S 2·5	SW 2·5	10	10	·347	●0 ≋ 9a. ● ●2 Mid-day.
30	29·155	29·261	43·7	41·6	40·3	48·0	·285	·233	100	89	SSE 2	NW 4	10	10	·070	≋ 9a. ● p.
31	29·550	29·627	34·2	37·2	33·6	51·1	·194	·222	98	100	NE 0·5	NE 1	0	10	·012	≋2 ⌴ 9a. ≋ 9p.
Means	29·907	29·880	29·9	31·8	27·0	37·3	·162	·168	93·3	90·1	1·9	2·6	7·2	6·1	1·526	

ST. LEONARDS.

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

JANUARY 1881.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	
	ins.	ins.	°	°	°	°	in.	in.	%	%					ins.	
1	30·391	30·375	33·4	41·6	31·3	41·8	·175	·244	91	94	WNW 2	NW 1	3	10	·007	⌴ 9a.
2	·410	·444	43·7	45·1	41·2	45·9	·251	·270	88	90	Calm 0	ENE 1	10	10	—	Gloomy all day with ≋
3	·412	·309	41·3	34·2	33·9	45·1	·200	·156	77	79	ESE 1	NNE 2	7	0	—	⌴0 9p.
4	·265	·233	35·5	40·5	32·7	43·0	·174	·231	84	92	NNE 2	NNE 3	4	10	—	⌴0 9a.
5	·195	·224	41·6	37·4	37·4	45·0	·207	·189	80	85	ENE 4	NE 6	8	10	—	from 3p. reaching gale force in [squalls.
6	·347	·499	37·4	36·6	36·6	40·0	·165	·163	74	75	E 6	E 5	3	1	—	n. and all day.
7	·554	·566	37·6	35·1	34·6	43·6	·179	·185	79	91	E 3	NE 3	0	0	·010	⌴0 a. and p. Fine day.
8	·538	·443	34·1	36·6	32·2	39·0	·175	·197	88	91	NE 2	NNE 3	10	9	·005	⌴0 9a.
9	·341	30·223	33·9	30·8	30·8	40·9	·187	·145	96	84	NE 2	NE 2	9	0	—	⌴0 ⌓ 9a. ⌴ 9p.
10	30·072	29·937	33·2	32·8	30·4	34·9	·173	·169	91	90	N 2	N 3	10	10	—	⌴0 ≋0 a.
11	29·826	·706	32·6	31·3	31·3	37·2	·164	·155	88	87	NNW 2	W 2	10	10	·010	≋0 all day. Partial ○ 11.15 a. ✳0 [after 10p.
12	·480	·546	32·7	27·6	27·2	34·9	·163	·113	87	76	WNW 2	NW 2	10	0	—	✳0 till 10.30 a. Fine p.
13	·540	·696	25·1	28·1	21·2	31·8	·115	·126	85	83	NNW 3	NNW 3	0	0	—	Ψ 3a. ⌴ a. and p. Ψ0 p.
14	·834	·830	27·2	24·8	24·8	32·7	·139	·119	94	90	NNE 3	NNE 2	0	0	—	⌴ a. ✳0 11a.—1p. ⌴2 9p.
15	·818	·770	23·7	21·0	20·8	30·0	·120	·105	95	93	N 1	WNW 2	2	3	—	Bright day. ⌴ all day. Ψ2 p.
16	·819	·893	23·7	24·4	21·0	30·8	·090	·089	72	69	NW 2	NNW 3	0	0	—	Sunny, with ⌴ all day.
17	·848	·617	30·0	31·9	23·4	34·3	·125	·172	75	95	ESE 3	E 7	9	10	·095	✳0 8a.—9a. ⌴0 all day. ✓ from 6p. ✓2 from 9p.
18	·167	·148	27·7	40·5	26·2	41·1	·151	·198	100	79	E 9	S 4	10	10	·215	✳2 ✓2 all day. ✢2 Bar. 29·070 5p. [then rapid thaw. Temp. rose 11°, to [41°, by 8.30p.
19	·169	29·302	32·4	30·6	29·9	40·5	·167	·125	90	73	ENE 3	NE 7	10	10	·070	✳0 showers. ✓ p. ✓2 from 9p.
20	29·781	30·045	23·6	27·5	22·8	31·9	·089	·135	69	90	N 5	NE 2	0	10	—	Sunny day.
21	30·163	·296	29·6	22·5	22·0	32·2	·137	·103	83	86	E 5	N 3	9	0	—	Fine p.
22	·237	·114	18·2	29·8	16·7	30·4	·079	·139	80	83	N 3	N 4	1	0	·030	✳0 3p.
23	·186	·270	31·5	31·1	29·6	35·9	·156	·141	87	81	N 3	NNW 3	2	0	—	≋ at night.
24	·303	30·187	25·6	30·1	22·6	34·8	·139	·129	100	76	N 2	E 2	0	4	—	≋ ⌴ early a. ≋0 at night.
25	30·012	29·859	24·9	25·7	20·9	30·1	·091	·115	68	83	E 3	NE 3	1	1	—	≋0 a. and p. ⌴
26	29·714	·450	27·3	37·0	22·4	37·1	·118	·210	80	96	NE 2	SE 3	10	10	·215	≋0 all day. V Wind S.E. from [noon.
27	·360	·225	40·7	40·4	37·0	42·1	·254	·251	100	100	WSW 1	SSW 3	10	10	·133	≋2 all day.
28	·066	·196	36·8	42·2	36·5	43·5	·216	·265	99	98	NNW 2	WSW 2	10	1	·158	≋ ● a. ⌓ 9p.
29	·022	·056	43·9	44·5	41·8	46·7	·280	·275	98	94	SW 4	WSW 4	9	9	·140	✓ ● n. Bar. 28·967 4p. Snow in [garden all gone.
30	·239	·234	42·8	42·6	41·8	46·0	·272	·269	100	98	SSW 2	SW 3	10	10	·070	
31	29·570	29·650	42·6	40·2	38·3	47·4	·262	·237	96	95	WSW 2	Calm 0	7	0	·009	⌓2 9p.
Means	29·893	29·882	32·7	33·7	29·7	38·4	·168	·175	86·9	87·0	2·8	3·0	5·9	5·1	1·167	

DARTMOOR.

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

JANUARY 1881.

1	30·449	30·413	38·2	41·0	33·0	42·6	·231	·246	100	96	W 2	Calm 0	10	10	·140	✳ a. ≋ p.
2	·460	·440	40·5	38·5	38·5	41·6	·221	·214	88	92	N 1	Calm 0	10	10	—	
3	·371	·322	39·0	32·5	32·0	39·0	·227	·173	96	94	SE 1	SE 1	10	0	—	
4	·299	·280	33·0	35·0	29·0	35·6	·167	·196	89	96	SE 2	SE 2	10	10	·040	
5	·208	·216	35·2	33·2	32·0	36·0	·199	·154	97	82	ENE 6	E 8	10	2	—	
6	·265	·417	31·2	32·5	31·0	34·0	·170	·184	97	100	E 6	E 3	10	10	—	
7	·506	·566	30·0	30·5	28·0	34·0	·152	·133	92	77	E 3	E 2	10	0	—	
8	·565	·529	25·2	25·0	21·4	31·4	·128	·127	95	95	E 1	SE 3	2	10	—	
9	·330	·230	28·5	28·0	24·0	30·0	·142	·153	91	100	E 3	E 3	10	10	—	
10	30·115	30·002	27·0	25·0	24·0	29·0	·147	—	100	—	E 2	NE 1	10	10	—	
11	29·924	29·758	25·9	30·5	25·0	33·0	·140	·156	100	92	Calm 0	Calm 0	7	10	·200	
12	·633	·674	26·0	19·0	18·0	31·5	—	—	—	—	N 1	Calm 0	4	0	·090	✳ a.
13	·662	·713	22·0	21·0	14·0	29·0	—	·113	—	100	N 1	E 1	0	0	—	✳ a.
14	·848	·876	22·4	18·2	13·0	26·0	—	—	—	—	E 1	E 2	2	0	—	
15	·871	·843	22·0	19·5	13·0	29·0	—	·105	—	100	Calm 0	E 2	0	10	·030	⌴2
16	·909	29·921	19·5	15·5	13·0	31·0	—	—	—	—	NE 1	Calm 0	0	4	—	✳ a.
17	29·673	—	29·9	—	—	—	—	—	—	—	SE 1	—	10	—	—	✳ a.
18	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
19	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
20	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	Observer and instruments snowed up; impossible to take any observations.
21	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
22	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
23	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
24	—	30·170	—	25·0	10·8	34·2	—	·135	—	100	—	Calm 0	—	10	—	
25	29·988	29·890	18·0	18·0	10·0	26·9	·098	·098	100	100	E 6	E 1	10	10	—	≋ a.
26	·616	·271	23·9	38·0	12·0	38·0	·128	·229	100	100	E 3	SW 1	10	10	—	≋ a. and p.
27	·247	·098	38·0	36·9	36·5	42·0	·229	·219	100	100	S 2	S 1	10	10	·120	≋ a. and p.
28	29·170	·033	40·0	42·0	35·0	42·5	·247	·267	100	100	SW 2	SW 2	10	10	1·030	≋ a.
29	28·828	·034	42·0	41·2	40·0	44·0	·267	·259	100	100	SW 5	SW 5	10	10	·730	≋ 9p.
30	29·069	·311	43·7	36·9	35·0	44·0	·285	·219	100	100	SW 2	SW 1	10	10	·340	≋ 9a. ▲ ✳ ● p.
31	29·525	29·665	37·5	34·0	32·0	44·0	·225	·196	100	100	W 1	Calm 0	7	0	·030	
Means	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	

BABBACOMBE.

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

JANUARY 1881.

Day.	Barometer at 32° and M. S. L. 9 a.m.	Barometer at 32° and M. S. L. 9 p.m.	Air Temperature. 9 a.m.	Air Temperature. 9 p.m.	Air Temperature. Min.	Air Temperature. Max.	Tension of Vapour. 9 a.m.	Tension of Vapour. 9 p.m.	Relative Humidity. 9 a.m.	Relative Humidity. 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	30·431	30·397	40·0	44·8	35·9	48·5	·231	·283	94	96	SW 2	WNW 1	10	10	—	≋⁰ (mist) *a.* ⌓ *p.*
2	·434	·404	45·3	45·7	44·2	45·9	·255	·234	84	77	NNE 1	E 2	10	10	—	≋⁰ (mist) *a.*
3	·356	·302	43·8	41·8	41·8	46·8	·234	·192	81	74	SSE 2	E 3	10	1	—	
4	·277	·257	40·6	40·6	38·5	41·8	·205	·218	81	86	ENE 3	NNE 3	10	10	—	≋⁰ (mist) *a.* and *p.*
5	·221	·201	41·8	39·8	39·8	43·6	·221	·181	84	74	ENE 5	ENE 7	10	3	—	↙ *p.* with squalls.
6	·308	·415	38·3	38·8	37·5	40·1	·184	·189	79	81	ENE 7	E 6	10	10	—	↙ to 6*p.*
7	·514	·544	37·5	38·2	36·3	41·7	·187	·182	84	79	E 5	ENE 3	9	0	—	≋⁰ (mist) *p.*
8	·547	·493	31·4	30·9	29·8	39·4	·144	·148	81	85	ENE 3	ENE 2	7	9	—	≋⁰ (mist) *a.* and *p.*
9	·366	30·217	35·9	35·8	30·9	36·6	·164	·152	78	73	ENE 4	ENE 5	10	10	—	
10	30·087	29·972	35·1	30·3	30·1	36·5	·138	·121	67	72	E 3	NNE 2	10	10	—	≋⁰ (mist) *p.*
11	29·882	·714	31·7	34·7	30·1	42·6	·142	·149	79	73	N 1	WNW 1	10	10	·090	≋⁰ (mist) *a.* ✳⁰ showers *a.*
12	·605	·617	30·9	25·0	25·0	40·4	·151	·120	86	90	NW 1	W 1	1	1	—	✳ *n.*, 1 in. deep 9*a.* ⌒ *p.*
13	·639	·770	27·7	30·0	22·8	37·1	·112	·128	75	76	NNW 2	NNE 2	0	0	—	⌒ *a.* and *p.* Bright day.
14	·813	·831	32·8	26·3	24·6	35·2	·118	·115	64	83	E 3	NE 2	8	8	—	⌒ *a.* and *p.* ≋⁰ (mist) *p.*
15	·835	·794	26·5	21·1	18·2	37·0	·114	·088	81	80	NE 1	W 2	0	0	—	⌒ ≋⁰ (mist) *a.* and *p.*
16	·859	·880	29·7	20·8	20·6	38·7	·130	·100	79	91	Calm 0	Calm 0	0	1	·010	✳⁰ *n.* ⌒ ≋⁰ *a.* and *p.* Ψ 11*p.*
17	29·677	·373	35·9	37·5	18·0	37·7	·144	·160	69	71	SE 4	ESE 7	10	10	·100	Ψ *n.* △ ●⁰ ✳ *a.* ✳ gone by [noon. ○⁰ 1*p.* ⌒. ↙ after 8*p.*
18	28·924	·105	29·6	25·8	25·2	37·8	·147	·122	90	88	ENE 10	NNE 4	10	10	·520	↙² ✳² ✢² (with △ ●⁰ ∼ [10.30*a.*) ✳ 6 ins. deep on level 9*p.*
19	29·151	·587	25·3	24·5	23·7	28·9	·137	·100	100	77	NE 5	N 4	10	9	·180	✳ 7*a.*–6*p.*, 6 ins. deep. ✢². ↙² in aft. [Ψ 11.30*p.*
20	·885	29·944	24·3	22·0	15·3	37·2	·060	·118	46	100	WSW 2	N 1	7	0	·120	⌒ *n.* ✳ 2*p.*–4*p.* ≋ ⌒ *p.*
21	29·999	30·206	29·6	26·9	19·8	31·0	·155	·079	95	55	ENE 8	ENE 8	10	0	·020	✳ ↙ *a.* ✢. Squally.
22	30·262	·199	19·6	30·2	17·0	30·2	·085	·113	81	68	NNE 3	N 3	1	1	—	↙² *n.* ⌒ *a.* [Sky greenish.
23	·262	·280	32·2	33·1	25·4	42·6	·159	·148	88	78	NNW 2	NE 1	10	10	·010	≋⁰ (mist) *a.* and *p.* Thaw. △⁰ 9*p.*
24	30·243	30·107	35·7	32·0	31·0	38·3	·171	·162	82	90	E 2	NE 3	10	10	—	△ ✳ till 8*a.* △⁰ 11.20*a.* Thaw. [≋⁰ (mist) *a.* and *p.*
25	29·972	29·850	24·0	20·0	19·3	32·7	·121	·077	95	71	NE 4	N 3	10	9	—	Snow 3 ins. deep 9*a.* ≋⁰ (mist) *a.* and *p.*
26	·615	·264	30·6	41·0	19·7	41·0	·157	·257	93	100	E 4	SSE 2	10	10	·400	✳⁰ ●⁰ *a.* Thaw after 10*a.* ●² [6.30*p.* ≋ *p.*
27	·259	·064	43·0	43·8	39·2	45·6	·277	·281	100	99	SW 2	ESE 2	10	10	·080	≋⁹ *a.* ✳ all day but thaw continues.
28	29·164	29·027	38·7	45·6	36·3	46·9	·231	·296	98	97	WSW 1	SSW 4	10	10	·520	≋⁹ *n.* ≋ *a.* ● showers. [≋ *p.*
29	28·832	28·997	44·9	44·0	43·0	49·4	·281	·286	95	99	SSW 5	WSW 2	10	2	·280	● showers till 5*p.* ↙² Mid-day. ⌓
30	29·074	29·301	46·5	40·0	40·0	51·4	·309	·228	98	93	S 4	W 4	10	0	·100	≋⁰ (mist) 9*a.* ● showers *a.* [8*p.*
31	29·509	29·613	41·1	43·1	35·4	54·9	·247	·276	96	99	WSW 2	Calm 0	5	9	·010	⌒ ⌒ *a.* ⌓² 5*p.* ≋ *p.* White Ψ *p.*
Means	29·871	29·862	34·5	34·0	29·5	40·6	·175	·171	84·0	83·1	3·3	2·9	8·0	6·2	2·440	

ST. AUBIN'S, JERSEY.

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

JANUARY 1881.

1	30·494	30·453	43·0	47·3	40·0	48·6	·234	·309	84	95	NW 1	SW 1	8	10	·155	Mild.
2	·437	·437	46·7	45·0	43·8	47·8	·307	·275	96	92	Calm 0	NE 2	10	10	·008	Gloomy day.
3	·414	·343	38·2	34·0	33·2	45·0	·168	·172	73	87	E 1	NE 2	0	0	—	⌒ *a.* and *p.* Day extremely fine.
4	·256	·211	41·0	41·3	32·1	44·0	·182	·197	71	76	NE 3	NE 3	4	0	—	Day very fine. ↙ at night.
5	·149	·123	43·5	40·9	40·0	45·3	·203	·206	72	81	NE 5	NE 6	9	10	·035	↙ all day, reaching force 7 at times.
6	·244	·397	38·0	36·0	35·0	41·1	·199	·175	87	82	ENE 4	EbyN 4	10	1	·004	Cold wind.
7	·490	·508	34·6	40·0	32·1	40·0	·123	·207	62	84	EbyN 3	NE 2	0	0	—	Extremely fine.
8	·496	·472	40·0	40·3	36·2	42·7	·198	·185	80	73	NE 3	NE 2	2	9	—	⌒ *a.* Fine, with cold wind.
9	·352	30·225	39·5	33·5	32·8	41·5	·212	·127	88	67	E 1	E 2	10	0	—	
10	30·098	29·990	33·8	35·6	30·0	37·2	·154	·155	80	74	NE 2	EbyN 2	0	10	—	⌒ *a.* Extremely fine till 3*p.*
11	29·901	·795	36·4	39·2	34·1	39·2	·168	·193	78	81	Calm 0	SE 1	10	10	·145	Gloomy day. △⁰ ● 10.15*p.*
12	·614	·660	38·2	38·0	32·4	40·7	·208	·138	91	60	NW 3	W 2	9	9	·050	● △⁰ *a.* ✳ noon. Fine and very
13	·640	·773	32·3	36·0	31·7	38·7	·175	·158	96	74	Calm 0	NE 1	9	8	·033	✳ 8.30*a.* and at times. [dry *p.* Ψ
14	·819	·817	36·0	31·1	30·1	36·9	·150	·120	70	68	NE 2	EbyN 3	4	0	—	[and *p.* Extremely fine.
15	·853	·852	30·8	32·4	27·2	36·8	·073	·162	43	88	NE 1	SW 3	0	1	·210	Very dry *a.*, Hum. 39 at 11*a.* ⌒⁰ *a.*
16	·875	·917	35·0	34·6	30·9	43·5	·176	·169	86	84	Calm 0	S by E 3	2	8	·073	✳ *n.* and *a.* 2 ins. deep 9*a.* Hot sun *a.*
17	29·771	·345	33·3	35·4	31·4	36·0	·148	·180	78	87	SE 4	E 8	8	10	·285	○⁰ *a.* ↙ (gale) at night. ✳ 11*p.*
18	28·816	·123	37·0	40·5	27·7	42·1	·200	·186	91	74	SW 9	SW 3	10	10	·013	↙² ✳ *a.* ✢² Thaw. ●⁰ 11*a.*
19	29·123	·396	40·8	31·2	30·8	42·0	·169	·176	66	100	SW 3	N 4	7	10	·230	✳⁰ 11*a.* ✳ *p.* [11*p.*, then thaw.
20	·938	29·952	30·3	31·3	28·0	41·3	·113	·169	66	96	NbyW 1	SE 5	6	10	·220	✳ *a.* 2½ ins. deep 9*a.* ✳ ↙ 7*p.*—
21	29·989	30·162	32·2	27·8	26·2	36·5	·153	·122	84	80	NE 1	NE 8	7	0	—	4 ins. of snow in past 24 hours. Rough ↙ (force 7—9) at night.
22	30·187	·181	25·5	33·9	21·3	33·9	·117	·159	85	81	EbyN 4	E 1	0	10	·003	Very cold day. Sea-shore covered with
23	·241	·298	37·2	37·0	32·6	38·0	·141	·139	64	63	NE 2	NE 1	10	10	—	Slight thaw. [snow. ✳ 9*p.*
24	30·285	30·117	33·2	29·7	28·7	39·7	·167	·122	88	75	E 1	NE 3	9	0	—	≋⁰ *a.* and 4 *p.* Day very fine.
25	29·929	29·811	27·2	30·6	23·0	32·0	·114	·160	78	94	NE 3	NE 2	3	10	—	⌒ ○⁰ *a.* Temp. of sea 32°.
26	·703	·377	30·0	40·4	28·3	40·4	·153	·244	92	98	SE 3	S 3	10	10	·400	Gloomy with ●. Rapid thaw.
27	·387	·021	43·0	42·8	39·4	46·4	·273	·270	98	99	S 2	SE 4	10	10	·260	≋ *a.* and *p.*
28	·248	·168	45·1	45·5	42·0	49·6	·296	·293	98	96	SW 2	SW 3	9	10	·393	Mild.
29	·056	·131	49·6	48·4	44·3	52·7	·305	·286	86	84	SW 3	SW 3	7	10	·026	Very mild. [when bar. rose
30	·215	·435	47·0	45·2	42·9	48·9	·291	·255	91	85	S 2	SW 3	5	1	·250	⌓ *a.* Heavy squall from S.W. 4.30*p.*
31	29·602	29·621	45·3	44·0	40·2	47·8	·270	·255	89	88	Calm 0	Calm 0	1	9	—	⌓ *a.* Sea roaring 9*p.*.
Means	29·891	29·875	37·5	37·7	33·2	41·8	·188	·192	81·0	82·8	2·2	2·9	6·1	6·6	2·793	

LONDONDERRY.

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

JANUARY 1881.

Day.	Barometer at 32° and M. S. L. 9 a.m.	Barometer at 32° and M. S. L. 9 p.m.	Air Temperature. 9 a.m.	Air Temperature. 9 p.m.	Air Temperature. Min.	Air Temperature. Max.	Tension of Vapour. 9 a.m.	Tension of Vapour. 9 p.m.	Relative Humidity. 9 a.m.	Relative Humidity. 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	30·216	30·282	41·7	46·8	35·8	47·0	·260	·299	98	93	SW 2	SW 2	10	10	·010	Gloomy all day.
2	·307	·276	45·7	45·2	44·5	47·4	·278	·285	91	95	S 2	S 3	10	9	—	
3	·208	·218	44·2	44·7	41·8	46·4	·242	·264	83	89	SSW 2	SW 2	10	10	·010	Fine.
4	·324	·429	42·3	39·7	38·0	45·0	·265	·244	99	100	Calm 0	Calm 0	9	10	·010	≋ all day. Mild.
5	·514	·563	34·7	35·2	32·0	40·2	·198	·181	98	88	NE 1	NNE 1	0	0	—	Fine.
6	·607	·630	35·7	34·7	32·0	39·2	·177	·159	85	78	NE 2	NE 2	1	0	—	Fine.
7	·648	·611	36·3	32·5	30·0	43·1	·170	·150	79	81	E 2	Calm 0	1	5	—	Fine. Ψ 6*p.*
8	·562	·496	26·9	26·5	24·0	34·4	·115	·125	79	87	SW 1	Calm 0	6	0	—	Fine. ≋⁰ (mist) *p.*
9	·428	·292	26·7	29·1	25·0	29·3	·135	·152	94	94	S 1	Calm 0	10	10	—	Cold. ≋
10	30·181	30·078	29·7	32·7	27·6	33·0	·144	·169	87	91	SW 1	WNW 1	8	10	·010	✳ 7*p.*
11	29·890	29·703	31·9	26·7	25·8	33·7	·172	·120	95	83	WSW 2	NW 1	9	7	·220	✳ showers all day.
12	·569	·829	33·7	30·8	23·1	36·1	·157	·150	82	87	N 3	NNE 2	5	4	·130	✳ showers all day.
13	·846	·717	22·1	29·9	19·8	31·1	·078	·156	67	94	WSW 1	SE 2	5	10	—	Fine day. ✳⁰ 9*p.*
14	·927	·907	22·7	18·7	17·6	31·5	·094	·076	77	75	NW 1	Calm 0	0	0	·090	✳⁰ *a.* Fine day. Ψ 5.30*p.*
15	·810	·841	23·7	21·7	13·5	27·0	·099	·089	79	77	WSW 2	WSW 1	5	10	·100	✳ showers with ≋ at times.
16	·829	·762	17·2	22·2	14·0	26·0	·058	·090	61	77	SSW 2	SW 1	5	3	·030	≋ ✳ Noon—1.30*p.* Aft. fine.
17	·648	·589	14·7	29·8	11·8	30·0	·057	·155	69	94	Calm 0	SE 1	0	10	·060	Fine all day. ✳ 9*p.*
18	·652	·754	30·7	29·7	27·6	32·0	·154	·165	89	100	NE 2	NE 1	10	6	·010	Ψ *p.*
19	·721	29·777	27·7	27·2	21·0	31·8	·118	·126	78	86	NE 1	W 1	4	9	·070	✳
20	29·928	30·188	26·7	28·5	21·0	34·0	·120	·116	83	75	NE 1	NE 1	7	0	—	
21	30·349	·486	26·1	22·7	21·0	31·1	·108	·084	77	70	NE 1	Calm 0	4	0	—	Fine.
22	·410	·317	16·7	25·7	12·0	30·8	·058	·129	64	93	WSW 2	Calm 0	5	10	·040	Fine during day. ≋ ✳ in evening.
23	·267	·310	27·1	24·7	21·0	33·5	·142	·105	96	79	Calm 0	Calm 0	10	10	—	≋ all day.
24	·268	30·164	15·2	19·1	12·6	28·6	·054	·061	63	64	S 1	Calm 0	1	1	—	
25	30·036	29·865	19·0	27·7	12·0	28·0	·070	·127	68	84	S 1	Calm 0	10	5	—	≋ *a.* Fine day.
26	29·634	·262	16·7	31·8	12·8	32·1	·047	·158	51	88	Calm 0	NE 2	1	10	·030	
27	29·078	29·040	37·7	39·8	30·5	42·1	·211	·245	93	100	SE 2	Calm 0	10	10	·070	Thawing. ●⁰
28	28·986	28·868	37·7	40·5	35·6	43·2	·216	·239	96	95	SE 1	SE 2	10	5	·060	●
29	·749	·839	42·7	38·2	36·0	45·7	·252	·220	92	96	SE 2	Calm 0	10	6	·010	
30	28·894	28·976	40·2	40·0	35·7	47·3	·222	·222	90	90	SE 2	SE 3	9	0	·050	
31	29·291	29·524	35·7	32·9	32·0	44·1	·196	·179	93	96	S 1	Calm 0	6	0	—	Ψ² 5*p.*—11*p.*
Means	29·928	29·922	30·0	31·5	25·4	36·3	·151	·163	82·5	87·1	1·4	0·9	6·2	5·8	1·010	

MARKREE CASTLE.

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

JANUARY 1881.

1	30·275	30·322	43·9	44·5	34·4	49·0	·273	·286	95	98	WSW 2	SW 1	10	10	·006	
2	·323	·269	45·1	44·1	42·4	47·4	·270	·260	90	89	S 1	S 1	10	10	·002	
3	·189	·215	44·1	44·6	42·5	47·9	·245	·265	84	90	S 3	SW 2	10	10	·002	
4	·294	·388	43·8	37·9	37·1	47·7	·274	·215	96	95	SSE 1	Calm 0	10	4	·012	≋ *p.*
5	·460	·504	34·6	37·2	28·3	44·3	·193	·204	97	92	SE 1	ESE 2	5	0	—	≋⁰ *a.*
6	·526	·543	37·1	37·3	35·1	41·7	·183	·167	83	75	E 3	E 3	0	0	—	⌒ 9*a.*
7	·612	·570	32·1	30·1	29·8	39·9	·166	·162	91	97	Calm 0	Calm 0	10	0	·001	⌒ 9*a.* ≋⁹ 9*p.* Ψ⁰ 9*p.*
8	·528	·475	27·3	24·1	22·8	39·8	·137	·109	92	85	Calm 0	Calm 0	6	10	·007	⌒² 9*a.* and 9*p.*
9	·408	·281	27·5	24·5	22·0	30·4	·140	·125	96	95	Calm 0	Calm 0	10	10	—	≋² ⌒² 9*a.*
10	30·172	30·087	25·9	27·3	23·3	30·1	·119	·112	85	77	Calm 0	Calm 0	10	10	—	
11	29·914	29·732	27·6	22·3	21·9	34·9	·138	·102	94	86	Calm 0	Calm 0	10	2	·167	✳ *a.*
12	·654	·828	21·8	24·2	12·7	35·4	·097	·100	86	77	NE 1	Calm 0	2	0	·046	✳ *a.*
13	·870	·684	6·3	29·1	3·3	31·4	·058	·137	100	86	E 2	ENE 3	7	10	·046	✳ ✢ 9*p.*
14	·868	·921	25·1	13·1	12·3	32·6	·111	·076	82	100	ENE 2	Calm 0	4	0	·100	✳ *a.* Ψ 7*p.*
15	·829	·865	16·9	8·3	1·1	25·4	·073	·063	78	100	Calm 0	Calm 0	10	10	—	✳ *a.* Ψ ≋² 1*p.*
16	·867	·762	8·6	22·5	−2·3	22·9	·057	·109	89	94	Calm 0	Calm 0	6	10	·054	✳ *p.*
17	·645	·469	3·1	28·9	0·0	32·2	·046	·141	92	89	Calm 0	NE 2	0	10	·075	✳ 9*p.*
18	·559	·708	31·1	28·3	26·5	33·4	·165	·128	95	84	E 3	NE 2	10	6	—	
19	·722	29·806	23·1	14·3	12·4	34·2	·112	·083	92	100	Calm 0	Calm 0	4	4	—	
20	29·943	30·177	13·1	23·4	8·7	33·7	·065	·083	82	67	Calm 0	NE 2	1	0	—	
21	30·302	·475	25·3	14·8	11·2	27·9	·075	·069	57	82	E 2	Calm 0	0	0	—	
22	·453	·332	5·9	26·6	0·8	28·6	·046	·131	81	93	Calm 0	Calm 0	3	10	—	≋ 9*p.*
23	·266	·295	26·6	25·1	19·0	33·8	·133	·133	95	100	Calm 0	Calm 0	10	10	—	≋ *p.*
24	·257	30·146	9·1	8·6	5·3	30·4	·050	·057	77	89	Calm 0	Calm 0	1	0	—	≋ 9*p.*
25	30·007	29·873	20·3	16·3	3·5	31·0	·085	·083	78	93	Calm 0	Calm 0	6	8	—	≋
26	29·580	29·155	13·3	32·6	5·8	35·8	·054	·179	68	96	Calm 0	E 3	0	10	·080	✳ 9*p.*
27	29·014	28·999	37·6	39·1	32·5	42·8	·209	·229	93	96	SE 3	SE 2	10	10	·079	
28	28·938	·780	36·3	41·1	35·3	44·2	·206	·224	96	87	S 2	SE 2	10	10	·050	
29	·683	·825	41·1	39·6	36·4	47·4	·245	·236	95	97	SE 3	SE 1	10	10	—	⌓ 9*p.*
30	28·826	28·979	41·3	37·3	37·0	45·4	·247	·211	96	95	SE 4	Calm 0	10	4	·105	
31	29·310	29·532	36·2	30·5	29·5	46·2	·197	·141	92	82	Calm 0	Calm 0	10	1	—	⌒ 9*p.* Ψ² 6*p.*—11*p.*
Means	29·913	29·903	26·8	28·3	20·3	37·0	·144	·149	88·0	89·9	1·1	0·8	6·6	6·1	0·832	

DUBLIN.

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

JANUARY 1881.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	
	ins.	ins.	°	°	°	°	in.	in.	%	%					ins.	
1	30·297	30·369	43·3	47·5	37·5	48·3	·267	·296	96	90	WbyN 3	W 3	8	10	—	Very mild.
2	·396	·364	45·1	44·4	44·1	47·7	·274	·253	91	87	WSW 2	S 1	10	10	—	Dull and mild.
3	·302	·258	40·2	44·1	38·8	47·3	·228	·245	92	84	SSW 2	SW 2	8	1	—	≋ a. ⌓ p.
4	·321	·363	41·4	45·6	40·6	46·0	·238	·294	91	97	W 1	NE 1	10	10	·043	≋ p.
5	·445	·477	43·1	43·1	42·0	46·2	·227	·216	81	78	E 4	E 5	8	4	—	
6	·527	·552	40·4	40·4	39·8	43·4	·190	·190	76	76	E 5	E 5	6	0	—	∞ a. Cir. to SW. 3.30p.
7	·618	·601	35·5	34·9	33·6	41·3	·183	·179	88	89	ESE 2	ESE 2	1	0	—	Cloudless day.
8	·566	·504	33·4	29·5	29·0	36·4	·185	·159	97	92	SE 1	NW 1	1	0	—	⌐² a. and p. Very fine day. ≋ p.
9	·423	·291	28·0	28·9	26·1	32·5	·146	·141	95	89	W 1	W 2	8	10	—	∞ early a. Clouds from NE. 9a. [≋³ p.
10	30·161	30·051	30·2	32·2	27·8	32·3	·145	·160	84	87	W 2	W 2	10	10	·020	∞ a. and p. ▲⁰ 7.30p, ✳⁰▲
11	29·906	29·697	31·1	32·0	30·3	34·1	·152	·172	86	94	W 2	WbyN 2	9	6	·010	✳⁰ 9.30a. ▲ ✳ 6p. [at night.
12	·604	·709	26·2	33·0	25·0	33·0	·122	·149	86	79	WbyN 2	NNE 4	1	9	·070	✳² ▲² p. Keen frost 5p., then wind [veered and temp. rose.
13	·804	·793	23·4	22·8	21·1	33·1	·083	·091	67	75	NW 3	Calm 0	0	4	—	≋ p. Ψ 9.30p.
14	·842	·888	30·1	28·2	22·8	32·7	·144	·139	85	90	WSW 1	WNW 2	10	7	·042	≋ ✳ a. ∞ p.
15	·828	·829	17·0	24·7	17·0	28·6	·094	·122	100	82	WbyN 2	W 3	1	8	—	▲⁰ 11a. ⌐ a. ≋⁰ (mist) a. and p.
16	·864	·803	19·2	21·9	19·2	26·0	·104	·086	100	74	W 3	W 1	4	1	—	⌐² a. ≋⁰ (mist) p. Ψ 8.30p.
17	·654	·460	26·1	34·0	18·2	34·0	·118	·160	83	81	Calm 0	ESE 6	10	10	·868	≋ ✳⁰ 8.30a. SE. wind rose to [(mod. gale) p. with ✳² ✢². [(·821 in. in 12 hours). Thaw p.
18	·503	·554	32·9	34·1	30·8	34·6	·150	·151	80	77	E by S 6	ENE 7	10	8	·010	✓ a. and p. and cold. Squally.
19	·601	29·784	31·2	20·8	20·7	34·3	·149	·085	84	76	NE 4	NW 1	3	0	·010	▲⁰ ✳⁰ n. and a. ✓ a.
20	29·892	30·071	20·8	30·1	20·4	30·6	·105	·117	94	70	WNW 2	NE 2	0	6	·154	⌐ a. ▲² ✳² 4p. and 7p.
21	30·242	·407	30·3	29·7	25·8	32·5	·117	·141	70	85	E by S 3	ENE 2	5	2	·010	✳² ▲² n. and a. Bright day. ✳⁰ p.
22	·390	·317	21·3	27·7	20·6	31·3	·097	·130	85	86	W 2	W 3	0	9	—	≋⁹ (mist) 9a.
23	·270	·279	31·1	31·3	27·1	33·5	·160	·166	91	94	W 4	W 2	9	10	·012	✳ n. and a. ←11a. Thaw p. ▲⁰ 7p.
24	·237	30·141	31·1	31·0	29·2	34·5	·150	·151	85	86	SW 1	Calm 0	9	10	—	≋ a. and p.
25	30·039	29·895	17·0	26·9	15·2	31·1	·087	·117	93	81	W 1	W 1	2	10	—	⌐ a. ≋ all day.
26	29·598	·218	25·7	34·6	21·7	35·9	·115	·189	83	94	SEbyE 2	SE 4	1	10	·070	✓ ● ✳ p. Thaw.
27	·108	29·050	39·1	35·8	33·9	43·1	·233	·201	97	96	S 2	S 1	3	3	—	Mild a, Very damp p. ⌓
28	29·027	28·897	34·0	38·7	31·9	41·9	·192	·225	98	96	SE 1	SSE 2	9	2	—	≋³ ⌓ a. Mild.
29	28·782	28·889	39·7	36·3	36·2	42·6	·241	·210	98	98	SSE 2	Calm 0	8	0	·011	≋ a. and p. Bright at times and [mild. ⌓ a. and p.
30	28·924	29·074	40·2	42·1	34·8	47·1	·245	·217	98	81	S by E 2	WSW 4	9	0	·039	⌓ a. Very mild. Squally ✓ p.
31	29·353	29·555	38·0	38·7	35·8	44·5	·195	·216	85	92	SW 3	WSW 2	1	1	—	⌐⁰ a. Ψ², streamers and flashes, [from 5.45p.
Means	29·920	29·908	31·8	33·7	28·9	37·4	·166	·173	88·4	85·7	2·3	2·4	5·6	5·5	1·369	

PARSONSTOWN.

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

JANUARY 1881.

1	30·335	30·394	42·3	45·0	35·3	48·4	·270	·292	100	98	SSW 1	Calm 0	10	10	·033	▲ p.
2	·404	·342	44·0	43·2	43·0	47·3	·277	·273	96	97	SSW 0·5	SW 0·5	10	10	—	
3	·269	·272	42·9	41·4	39·2	46·7	·242	·244	87	94	S 0·3	Calm 0	10	10	—	
4	·330	·379	37·6	42·6	35·0	45·6	·212	·264	94	97	S 0·2	Calm 0	10	10	·073	≋ p.
5	·426	·472	41·1	36·5	34·3	45·1	·243	·193	94	90	NE 1	SE 0·3	10	0	—	≋⁰ (mist) a.
6	·477	·519	35·5	36·0	31·0	41·1	·183	·172	88	80	NE 2-5	NNE 1·5	0	0	·006	✓ 7.30 p.—8.30 p. ∞⁰ 9p.
7	·605	·579	31·6	27·7	26·9	41·0	·153	·110	85	74	E 0·2	E 0·1	5	2	—	≋ 6.30p.—8p.
8	·543	·498	27·4	25·3	20·0	41·2	·131	·137	87	100	SE 0·5	NE 0·2	1	0	—	≋² from 6.30p. ▲ 9p.
9	·437	·296	16·9	28·4	13·5	29·3	·094	·153	100	98	Calm 0	Calm 0	5	10	—	≋ p.
10	30·171	30·068	26·4	28·6	25·4	29·4	·140	·148	98	95	Calm 0	Calm 0	10	10	—	
11	29·944	29·748	25·2	30·0	24·5	34·7	·136	·167	100	100	Calm 0	NW 1	9	8	—	✳ p. Ψ 9p.
12	·673	·774	25·2	27·9	21·2	32·7	·136	·140	100	92	Calm 0	N 1	10	0	—	
13	·884	·761	16·4	27·7	15·3	33·2	·092	·135	100	90	WSW 0·3	S 0·7	0	10	—	
14	·820	·906	30·0	21·1	16·7	30·0	·140	·114	83	100	ENE 1	Calm 0	8	0	—	✳ n. 3 ins. deep 9a. ≋² p.
15	·872	·865	17·8	23·3	16·0	23·7	·094	·121	97	97	Calm 0	N 0·1	10	10	—	≋² a. ▲ 9a. ≋ 9p.
16	·898	·799	9·2	13·7	8·6	23·9	·061	·081	92	100	Calm 0	SE 0·2	0	2	—	
17	·627	·385	21·8	31·9	12·4	32·3	·117	·181	100	100	N 0·5	Calm 0	10	10	—	✳ p.
18	·468	·583	28·1	29·7	26·6	32·8	·123	·146	81	88	NE 4	NE 1·5	10	9	—	
19	·695	29·847	16·5	9·9	9·1	29·8	·083	·050	90	74	WNW 1	Calm 0	9	0	—	
20	29·943	30·122	21·3	21·3	8·6	24·5	·108	·104	94	91	Calm 0	Calm 0	10	3	—	≋⁹ a. ≋⁰ (mist) p.
21	30·254	·436	13·0	20·2	5·0	27·4	·061	·098	78	91	NNW 1	NE 2	10	0	—	∞⁰ a.
22	·453	·363	8·3	26·8	5·3	26·8	·047	·142	75	98	N 0·5	SE 0·5	0	10	—	
23	·333	·287	31·3	31·3	26·0	34·3	·172	·172	97	97	SW 0·5	Calm 0	10	10	·073	✳⁰ 8.30a., then ●⁰. ≋ 8p.
24	·253	30·136	22·7	26·0	19·9	31·7	·122	·124	100	88	Calm 0	W 0·3	10	10	—	≋ a. and p. ∞ 11p.
25	30·035	29·895	19·2	19·6	18·0	34·4	·090	·103	87	97	Calm 0	ESE 0·2	0	5	—	≋ p. ▲ 9p.
26	29·557	·111	27·1	35·7	15·3	35·7	·118	·182	81	86	SE 1	E 7	10	10	·053	✳ p.
27	29·070	29·015	40·4	39·4	33·8	46·4	·242	·232	97	96	SE 0·5	SE 1	10	10	·049	
28	28·969	28·828	40·7	43·0	34·1	47·9	·239	·262	94	94	SSE 2	SE 3·5	10	7	·043	
29	·728	28·871	41·0	37·8	37·6	46·6	·248	·202	97	90	S 1	SE 1	7	8	·010	
30	28·867	29·076	42·7	40·3	35·6	48·8	·255	·212	92	85	SE 1	SSW 3·5	10	3	·046	
31	29·545	29·564	36·0	33·4	32·2	47·1	·186	·183	87	96	SSE 1	SSE 1	0	0	—	Ψ² 6p.—1.30a. Feb. 1st.
Means	29·925	29·909	28·4	30·5	23·4	36·8	·155	·166	92·0	92·7	0·7	0·9	7·2	6·0	0·386	

DUNROBIN CASTLE.

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

FEBRUARY 1881.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	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	29·610	29·733	33·3	31·3	30·5	45·0	·170	·152	89	87	NW	NW	—	—	·020	Clear.
2	·786	·754	36·1	36·3	29·5	37·5	·196	·197	92	92	NE	NE	—	—	·470	Dull.
3	·637	·367	36·3	40·4	35·1	41·3	·197	·230	92	92	E	E	—	—	1·400	Cold wind.
4	·202	·161	40·6	38·4	37·8	42·3	·247	·228	97	99	NE	E	—	—	·200	Dull a. ● p.
5	·445	29·786	34·8	31·3	31·3	38·5	·163	·147	80	84	NE	NE	—	—	·060	Cold wind.
6	·945	30·051	29·8	26·8	26·7	38·7	·166	·129	100	89	N	NW	—	—	—	✳
7	29·565	28·809	34·8	36·5	24·7	38·3	·155	·204	76	95	E	SE	—	—	·300	✳ 3 ins. deep.
8	28·912	29·489	37·4	34·3	24·7	39·3	·204	·159	91	80	N	NE	—	—	·030	Thaw a. ● ✳ (sleet) p.
9	29·693	·377	34·5	36·8	25·7	37·7	·145	·164	72	75	N	E	—	—	·230	
10	28·889	·155	36·1	32·3	31·5	37·0	·196	·141	92	77	E	E	—	—	·090	Storm and ● ✳ (sleet).
11	29·538	·889	35·3	33·8	32·3	39·7	·187	·146	91	75	N	N	—	—	·040	
12	·960	·753	31·1	34·5	23·3	36·2	·122	·166	69	83	W	S	—	—	—	
13	·675	·586	38·4	37·4	34·2	39·7	·212	·204	92	91	W	SE	—	—	·230	Thaw.
14	·586	·633	38·4	37·4	30·5	39·5	·212	·204	92	91	E	N	—	—	·040	Ground mostly clear of snow.
15	·712	·795	37·4	35·3	35·3	39·5	·204	·191	91	93	NE	NE	—	—	—	Fine and milder.
16	·792	·763	38·4	37·9	34·5	43·0	·212	·207	92	91	NE	SW	—	—	—	Fine.
17	29·841	29·898	40·4	38·4	37·1	44·0	·230	·222	92	96	S	S	—	—	—	Fine a. Dull p.
18	30·028	30·190	38·4	37·9	35·1	42·0	·216	·213	93	94	SW	E	—	—	—	
19	·245	·273	38·4	36·3	36·3	41·5	·212	·194	92	91	E	E	—	—	—	Clear and cold.
20	·345	·476	38·4	35·3	34·5	40·0	·197	·187	85	91	SE	E	—	—	—	Fine, cold and clear.
21	·535	·384	35·3	34·8	34·5	36·7	·187	·168	91	83	SE	NE	—	—	—	
22	·465	·420	39·2	35·3	30·5	41·3	·186	·191	78	93	NE	NE	—	—	—	
23	·286	·288	35·3	33·3	31·5	38·5	·191	·180	93	95	NE	N	—	—	—	
24	·318	30·187	38·6	36·3	29·5	44·5	·211	·212	90	99	NW	NW	—	—	·150	
25	30·070	29·984	40·4	36·3	32·0	43·5	·211	·197	84	92	NE	NE	—	—	·020	Clear and fine.
26	29·932	30·086	34·3	32·3	30·5	40·5	·188	·161	95	88	N	N	—	—	—	Clear and cold.
27	30·141	30·083	37·9	28·3	28·3	40·0	·195	·155	86	100	NE	NE	—	—	·030	
28	29·933	29·882	32·5	28·8	27·5	37·5	·159	·159	86	100	W	NW	—	—	—	
Means	29·825	29·830	36·5	34·8	31·2	40·1	·192	·182	88·3	89·9	—	—	—	—	3·310	

BRAEMAR.

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

FEBRUARY 1881.

1	29·691	29·780	23·0	21·0	21·0	38·7	·123	·103	100	91	SW 0·5	S 0·5	0	0	—	
2	·788	·681	22·0	33·0	19·2	36·9	·108	·171	91	91	SW 0·5	NE 2	8	10	·200	Fair a. ✳ p.
3	·596	·326	32·5	34·2	25·7	41·7	·179	·188	97	95	E 2	NE 2	10	10	·550	● and ● ✳ (sleet).
4	·172	·147	39·1	37·4	33·4	40·8	·229	·213	96	95	SW 1	SW 0·5	10	8	·030	
5	·305	29·748	33·0	29·5	28·6	41·4	·175	·164	93	100	N 6	N 6	8	3	—	
6	·924	30·027	28·5	19·0	19·0	35·3	·157	·103	100	100	NE 0·5	NW 0·5	4	2	—	Ψ
7	29·621	28·826	25·7	32·7	16·6	35·7	·132	·186	95	100	SE 2	SW 1	10	7	·270	✳ ✢ 9a.—5p.
8	28·901	29·406	29·7	31·5	29·7	39·5	·146	·159	88	90	SE 0·5	N 4	1	10	·010	✳ showers.
9	29·689	29·398	29·9	28·5	27·7	37·6	·161	·134	97	86	N 1	SE 1	6	8	·330	✳⁰ showers.
10	28·737	28·970	30·4	25·7	25·7	34·4	·170	·139	100	100	N 2	N 6	10	10	·210	✳²
11	29·490	29·849	29·4	27·0	24·4	31·5	·163	·147	100	100	N 6	N 1	10	3	·050	✳ ✢
12	30·115	·872	2·4	27·4	2·4	30·8	·049	·149	100	100	NE 0·5	S 2	0	8	·070	
13	29·758	·673	30·5	33·0	25·6	33·5	·163	·182	96	97	SW 6	S 2	10	10	·080	✳
14	·660	·712	32·7	33·0	32·4	35·3	·183	·182	98	97	S 1	SE 0·5	7	9	·100	
15	·720	·824	30·4	27·0	26·8	35·9	·152	·147	89	100	SE 0·5	SE 0·5	8	3	—	
16	·849	·833	27·7	35·0	19·7	37·9	·151	·198	100	97	NE 0·5	SW 6	8	10	—	
17	29·874	29·938	37·4	35·5	35·0	38·6	·208	·193	93	93	SW 2	SW 2	9	9	—	
18	30·034	30·191	34·7	34·0	34·0	36·8	·190	·186	94	95	SW 0·5	SW 1	8	10	—	
19	·292	·307	32·4	31·7	31·7	34·9	·169	·162	92	91	SW 2	SE 1	9	8	—	
20	·375	·465	30·7	28·7	28·7	33·4	·157	·143	92	91	SE 1	SE 1	8	10	—	
21	·512	·538	29·5	27·7	27·7	32·7	·145	·151	88	100	SE 1	NE 4	8	6	—	
22	·515	·373	28·0	31·5	27·4	32·0	·153	·159	100	90	NE 2	NE 2	8	8	—	
23	·250	·292	29·6	31·7	29·6	36·6	·146	·160	88	90	NE 2	NW 2	6	7	—	
24	·347	30·251	25·7	29·9	20·6	39·5	·115	·161	83	97	NE 0·5	NW 0·5	5	10	·030	
25	30·048	29·930	29·9	24·5	24·5	37·8	·153	·106	92	80	SW 0·5	SW 1	2	7	·100	
26	29·879	30·036	31·0	30·7	24·5	36·4	·166	·172	96	100	NE 1	N 6	10	10	·290	✳ all day.
27	30·095	30·134	29·5	18·0	18·0	32·7	·164	·098	100	100	NE 2	NE 1	8	4	—	
28	29·979	29·867	13·5	24·0	5·4	31·7	·080	·129	100	100	NE 0·5	SW 0·5	7	9	—	
Means	29·829	29·836	28·5	29·4	24·5	36·1	·153	·157	94·9	95·2	1·6	2·1	7·1	7·5	2·320	

LAUDALE.

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

FEBRUARY 1881.

Day.	Barometer at 32° and M. S. L. 9 a.m.	Barometer 9 p.m.	Air Temperature 9 a.m.	Air Temp. 9 p.m.	Air Temp. Min.	Air Temp. Max.	Tension of Vapour 9 a.m.	Tension 9 p.m.	Relative Humidity 9 a.m.	Relative Humidity 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	29·645	29·738	35·2	40·0	34·5	44·0	·202	·226	98	92	Calm 0	SE 1	5	5	—	
2	·632	·537	41·3	39·1	34·0	42·0	·232	·217	90	91	SE 1	E 2	5	10	·130	● 2 p. ≋0 (mist) 9p.
3	·384	·232	42·0	44·0	33·8	44·5	·249	·270	94	94	E 2	E 1	10	10	·540	≋0 (mist) 9a. ● p.
4	·127	·114	47·0	41·4	40·0	48·2	·293	·256	92	99	SW 1	Calm 0	10	10	·130	● 9a. ✳ showers p.
5	·428	·801	37·0	36·8	36·0	45·2	·200	·188	91	87	N 1	Calm 0	5	5	—	
6	·985	29·964	28·0	34·2	24·3	36·8	·147	·178	96	89	Calm 0	N 1	3	5	—	≋ a. and p.
7	29·356	28·760	32·1	44·0	28·0	46·2	·156	·240	86	83	SE 6	SW 3	10	10	·900	✳ from 6.30a. ✢
8	28·895	29·441	36·2	38·0	31·0	45·0	·206	·187	96	81	Calm 0	SE 2	6	8	·040	≋ 9a. ✳ p.
9	29·686	29·137	32·0	33·0	31·4	38·0	·160	·167	88	89	Calm 0	SE 2	6	10	·500	≋ a. ✳ 9p.
10	28·643	28·854	35·0	33·2	30·0	36·0	·188	·165	92	87	SE 1	SE 4	10	10	—	✳ a. and p. ≋ p.
11	29·554	29·933	31·4	32·0	29·2	39·4	·148	·137	84	75	E 1	NW 2	10	10	—	✳ ≋ a. and p.
12	·965	·780	29·8	38·0	29·4	38·0	·098	·190	60	83	NW 1	SE 4	6	10	1·200	✳ ≋0 a. and p.
13	·645	·498	37·8	38·4	28·8	38·5	·196	·204	87	88	E 5	E 4	10	10	·160	● a. ✳ p. ≋0 (mist) all day.
14	·495	·607	40·0	39·0	35·5	40·0	·211	·188	86	80	ESE 2	ESE 2	10	10	·070	✳ a. ≋0 (mist) a. and p.
15	·720	·759	37·0	38·0	34·5	41·3	·208	·212	95	93	Calm 0	ESE 1	5	5	—	≋0 (mist) a. and p.
16	·809	·784	41·0	41·0	36·4	42·0	·231	·235	90	92	ESE 1	SSE 3	5	7	·010	≋0 (mist) a.
17	·837	29·853	42·2	44·8	36·7	49·8	·241	·235	89	79	SSE 3	SSE 3	5	7	—	≋0 (mist) a.
18	29·987	30·135	41·8	42·0	40·5	44·8	·249	·225	95	85	SSE 2	SSE 2	5	7	—	
19	30·181	·238	39·5	39·0	39·0	42·0	·194	·188	80	80	ESE 4	Calm 0	5	5	—	
20	·340	·400	39·0	33·9	35·0	40·0	·226	·157	95	80	E 2	Calm 0	0	5	—	
21	·499	·540	34·8	36·0	28·9	37·8	·155	·148	76	69	E 1	E 1	5	0	—	≋0 (mist) 9a.
22	·521	·442	33·0	35·0	31·2	37·1	·132	·164	70	80	E 2	E 1	0	5	--	
23	·296	·331	34·2	31·8	30·2	40·0	·174	·139	87	77	Calm 0	Calm 0	5	0	—	[(sleet) at night.
24	·375	30·247	35·3	40·4	29·8	45·4	·183	·203	89	81	Calm 0	NNW 1	5	10	·070	≋0 (mist) 9a. and 9p. ● ✳
25	30·073	29·884	39·1	38·0	33·7	42·0	·219	·208	92	91	Calm 0	Calm 0	6	5	·030	≋0 (mist) a. and p.
26	29·889	30·043	33·7	38·0	31·2	40·2	·161	·180	83	78	Calm 0	ESE 4	10	8	·080	✳2 a. and p.
27	30·057	30·049	36·4	36·6	33·2	39·0	·209	·186	97	86	NE 4	NE 1	3	3	—	≋ a. and p.
28	29·947	29·965	27·0	29·8	24·0	37·8	·140	·084	96	51	Calm 0	Calm 0	3	5	—	≋ p.
Means	29·785	29·788	36·4	37·7	32·5	41·5	·193	·192	88·4	83·6	1·4	1·6	6·0	7·0	3·860	

DUNDEE.

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

FEBRUARY 1881.

1	29·679	29·790	31·5	31·5	30·2	37·9	·178	·157	100	88	SW 1	NW 1	0	0	—	
2	·765	·642	33·5	36·4	30·2	36·9	·154	·200	81	93	E 1	SE 4	10	10	·500	● from 3p.
3	·538	·307	37·4	38·4	34·2	38·8	·223	·214	100	93	NE 4	SE 1	10	10	1·050	● n. and during day.
4	·218	·154	40·4	38·4	38·3	42·8	·251	·232	100	100	S 1	SW 1	10	10	—	
5	·252	29·708	37·4	33·5	33·2	38·8	·172	·154	77	81	NE 8	N 1	10	10	—	⸝2 (gale) 10a.—5p.
6	·922	30·008	30·5	27·5	27·2	38·8	·125	·150	73	100	NW 1	NW 1	0	0	—	
7	29·652	28·810	32·5	34·5	24·2	34·5	·109	·182	59	91	SE 6	W 1	10	10	·300	⸝2 (gale) ✳ 9.15a.—1.30p. ● ✳
8	28·882	29·363	33·5	35·5	31·2	40·8	·174	·172	91	83	NW 1	NE 8	7	10	—	
9	29·685	29·369	33·5	33·5	31·2	38·8	·154	·154	81	81	NW 2	SE 2	10	10	·600	
10	28·731	28·872	32·5	31·5	31·5	34·9	·185	·178	100	100	NW 1	SE 12	10	10	·100	⸝2 (gale). ✳ at night.
11	29·469	29·881	33·5	29·5	27·2	37·9	·136	·094	71	58	NE 4	NW 2	7	7	—	✳ at night.
12	30·039	·879	20·5	26·5	20·2	33·9	·080	·116	73	81	NW 1	SW 1	0	10	—	
13	29·811	·692	31·5	33·5	25·2	33·5	·157	·174	88	91	SE 1	SE 1	10	10	·900	✳ 7a.—3p., then ● ✳ (sleet).
14	·656	·676	33·5	33·5	32·2	33·5	·174	·192	91	100	SE 8	SE 8	10	10	·150	⸝2 (gale) and ● ✳ at night.
15	·706	·810	33·5	30·5	30·2	40·8	·192	·171	100	100	SE 1	NW 1	10	7	—	● ✳ at night.
16	·878	·895	31·5	35·5	28·2	36·9	·157	·191	88	92	SE 1	SE 1	10	10	—	
17	29·921	29·969	35·5	35·5	34·2	36·9	·191	·191	92	92	E 1	SE 1	10	10	—	≋
18	30·081	30·237	35·5	35·5	34·2	35·9	·191	·191	92	92	SE	SE 1	10	10	—	
19	·316	·323	35·5	34·5	34·2	35·9	·172	·163	83	81	SE 1	SE 1	10	10	—	
20	·409	·483	33·5	33·5	32·2	34·9	·174	·154	91	81	SE 1	SE 2	10	10	—	✳ showers.
21	·513	·522	32·5	33·5	32·2	35·9	·166	·154	90	81	NE 2	NE 6	10	10	—	✳ showers.
22	·515	·386	32·5	33·5	31·2	33·9	·145	·154	78	81	NE 6	NE 1	10	10	—	✳ showers.
23	·262	·308	32·5	32·5	30·2	38·8	·145	·166	78	90	NW 1	NW 1	5	10	—	
24	·353	30·287	30·5	31·5	25·2	39·8	·148	·178	87	100	SW 1	NW 1	10	0	·050	
25	30·064	29·908	34·5	28·5	28·5	40·8	·163	·157	81	100	W 1	NW 1	10	7	—	▲ showers at night.
26	29·855	29·984	33·5	33·5	28·5	35·9	·154	·174	81	91	NE 6	NE 8	10	10	·850	● ✳ (sleet) a. and p.
27	30·068	30·022	32·5	29·5	28·2	33·9	·166	·114	90	71	NE 8	NE 6	10	10	·150	● ✳ (sleet) a. and p.
28	29·869	29·759	27·5	25·5	21·2	35·9	·097	·082	66	59	NW 1	NW 1	5	7	—	
Means	29·825	29·823	33·0	32·7	29·8	37·1	·162	·165	85·1	87·5	2·6	2·7	8·4	8·5	4·650	

ROTHESAY.

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

FEBRUARY 1881.

Day.	Barometer at 32° and M. S. L. 9 a.m.	Barometer 9 p.m.	Air Temperature 9 a.m.	Air Temp. 9 p.m.	Air Temp. Min.	Air Temp. Max.	Tension of Vapour 9 a.m.	Tension 9 p.m.	Relative Humidity 9 a.m.	Relative Humidity 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	29·721	29·801	33·2	36·5	30·7	41·0	·186	·208	98	97	Calm	Calm	—	—	—	Mild.
2	·663	·547	36·0	36·5	34·7	38·2	·186	·208	87	97	E	E	—	—	·530	
3	·436	·246	39·1	42·6	35·7	43·0	·229	·273	96	100	E	E	—	—	·840	
4	·207	·168	43·6	41·3	40·6	45·0	·275	·257	97	99	SSW	SW	—	—	·080	
5	29·378	29·806	38·1	31·0	30·2	42·5	·161	·127	70	72	NNW	NW	—	—	—	
6	30·005	30·069	28·0	32·0	25·2	43·5	·089	·118	59	65	NW	SE	—	—	·956	
7	29·453	28·887	31·5	39·6	30·2	43·0	·178	·233	100	96	SE	W	—	—	—	Stormy. ✳ ● · ✳ 4 ins. deep.
8	28·919	29·203	38·1	37·1	34·7	44·3	·213	·201	93	91	Calm	ENE	—	—	·535	
9	29·711	29·267	32·5	32·5	31·7	40·5	·164	·175	89	95	Calm	E	—	—	·253	∞ p.
10	28·718	28·771	38·1	33·0	32·2	40·5	·200	·167	87	89	SW	E	—	—	—	Blowy.
11	29·558	29·918	32·1	29·3	29·2	40·6	·156	·114	86	72	NW	N	—	—	·490	
12	30·037	·858	26·5	36·0	23·2	38·5	·087	·167	61	78	Calm	SE	—	—	·850	
13	29·732	·583	35·6	36·3	32·7	38·0	·199	·201	96	94	SE	SE	—	—	·235	
14	·467	·640	37·1	33·0	32·2	38·0	·201	·188	91	100	SE	E	—	—	·005	
15	·735	·821	35·0	33·5	31·7	35·5	·184	·182	90	95	N	Calm	—	—	·056	
16	·869	·850	38·6	39·1	32·7	40·0	·216	·229	93	96	Calm	SE	—	—	·036	
17	29·888	29·926	41·1	41·1	38·1	43·5	·249	·230	97	89	SE	SE	—	—	—	
18	30·032	30·184	37·3	37·1	35·4	42·0	·209	·201	94	91	NE	NE	—	—	—	
19	·229	·266	35·5	35·5	33·7	41·5	·201	·171	97	82	E	E	—	—	—	
20	·339	·436	35·0	33·5	33·5	40·0	·168	·135	82	70	E	E	—	—	—	
21	·509	·510	32·5	35·0	29·2	41·0	·152	·148	83	72	E	E	—	—	—	
22	·510	·380	34·0	33·5	32·2	38·0	·139	·143	71	75	NE	NE	—	—	—	
23	·278	·320	34·0	33·8	30·4	43·0	·166	·158	84	81	N	W	—	—	—	
24	·386	30·332	34·5	38·1	26·2	38·1	·152	·202	76	88	W	SW	—	—	·055	
25	30·121	29·896	37·7	36·0	31·2	43·5	·204	·195	90	92	Calm	Calm	—	—	·085	
26	29·854	29·959	34·0	35·0	32·2	39·6	·156	·184	79	90	N	NE	—	—	·035	Blowy.
27	30·050	30·010	33·6	32·0	31·7	39·0	·160	·137	83	75	E	E	—	—	—	✳ showers.
28	29·957	29·914	31·0	29·0	26·7	41·5	·127	·106	72	67	Calm	Calm	—	—	·023	
Means	29·813	29·809	35·1	35·3	31·7	40·8	·179	·181	85·8	86·0	—	—	—	—	5·064	

PINMORE.

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

FEBRUARY 1881.

1	29·727	29·769	31·9	34·8	27·5	41·3	·169	·192	93	95	SW	SW	—	—	—	
2	·611	·494	37·2	40·6	34·5	41·3	·184	·236	83	93	SE	E	—	—	·220	
3	·409	·200	42·8	43·5	40·4	45·2	·261	·276	96	98	E	SE	—	—	·580	
4	·200	·198	43·8	43·5	43·4	46·2	·272	·261	96	92	SE	SE	—	—	·100	
5	·334	29·714	38·2	28·4	28·4	44·3	·190	·156	83	100	NE	NE	—	—	·050	
6	·972	30·002	25·9	27·2	23·5	43·3	·124	·096	88	66	N	SW	—	—	·220	✳
7	29·576	28·912	32·4	40·1	26·5	42·3	·184	·214	100	86	SE	W	—	—	1·090	
8	28·917	29·370	34·3	42·0	33·5	44·3	·198	·221	100	84	SW	NW	—	—	·230	
9	29·715	29·214	29·4	35·8	29·4	43·3	·163	·208	100	99	N	SE	—	—	·360	✳ ● (sleet).
10	28·863	28·759	36·7	38·2	34·0	43·3	·198	·199	91	87	SW	SW	—	—	·140	
11	29·536	29·954	35·3	31·4	28·5	44·3	·168	·177	81	100	N	NW	—	—	·610	
12	30·052	·876	18·4	34·3	17·5	39·3	·100	·161	100	81	E	E	—	—	·460	✳ ● (sleet). Very stormy.
13	29·740	·594	33·4	35·3	33·4	37·3	·181	·187	95	91	E	S	—	—	·500	
14	·519	·574	36·2	36·7	35·3	39·3	·195	·189	91	87	SE	SE	—	—	·010	
15	·708	·813	35·3	33·8	33·8	43·3	·205	·184	99	94	N	N	—	—	·010	
16	·813	·821	35·5	39·6	29·5	40·3	·199	·229	96	94	N	E	—	—	—	
17	·863	29·893	40·6	40·1	32·0	44·3	·234	·223	93	90	SE	SE	—	—	—	
18	29·980	30·115	39·6	36·2	34·5	45·2	·229	·186	94	87	SE	SE	—	—	—	
19	30·156	·207	38·2	34·8	33·5	44·3	·190	·182	83	90	SE	E	—	—	—	
20	·278	·387	35·8	30·9	29·5	45·2	·182	·137	87	78	E	E	—	—	—	
21	·448	·465	32·9	30·9	30·5	45·2	·146	·137	78	78	E	E	—	—	—	
22	·413	·342	33·8	32·9	30·9	38·3	·166	·138	85	73	E	E	—	—	—	
23	·209	·255	30·4	34·3	25·5	42·3	·145	·178	85	89	E	E	—	—	—	
24	·386	30·237	24·4	30·4	21·5	48·2	·131	·170	100	100	E	E	—	—	·090	
25	30·113	29·984	34·8	37·2	28·5	45·2	·172	·220	85	99	NE	N	—	—	·240	
26	29·796	29·901	33·4	28·9	20·5	38·3	·171	·144	89	91	E	N	—	—	—	
27	30·083	30·072	25·4	34·3	17·5	40·3	·137	·198	100	100	E	E	—	—	·080	✳
28	30·035	29·963	33·8	32·4	31·5	36·2	·184	·184	94	100	E	N	—	—	—	
Means	29·802	29·789	33·9	35·3	29·8	42·6	·181	·189	91·6	90·1	—	—	—	—	4·990	

SCALEBY.

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

FEBRUARY 1881.

Day.	Barometer at 32° and M. S. L. 9 a.m.	9 p.m.	Air Temperature. 9 a.m.	9 p.m.	Min.	Max.	Tension of Vapour. 9 a.m.	9 p.m.	Relative Humidity. 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	29·746	29·830	33·8	35·1	31·3	39·2	·192	·202	99	99	Calm 0	Calm 0	10	10	—	
2	·685	·536	37·3	47·0	34·0	47·2	·195	·321	88	99	SE 3	E 5	10	10	·610	
3	·449	·327	44·8	47·8	36·0	49·0	·278	·305	94	92	E 1	SW 2	10	8	·170	
4	·355	·202	44·7	41·8	40·8	50·2	·284	·263	96	99	Calm 0	Calm 0	10	10	·130	
5	·281	29·692	37·3	34·8	34·0	48·0	·217	·145	97	71	Calm 0	N 4	10	6	·030	
6	·947	30·035	29·3	26·8	26·0	40·0	·114	·110	72	78	SW 1	Calm 0	0	0	—	
7	29·655	28·929	31·8	42·3	23·8	42·5	·154	·221	86	83	E 8	SW 8	10	5	·430	Gloomy *a*. ✳ ● ↙ · Squally.
8	28·919	29·335	37·3	37·8	35·2	42·3	·214	·205	96	91	Calm 0	SW 3	10	10	·050	
9	29·818	29·329	34·6	35·3	33·5	38·0	·182	·184	91	90	N 1	NE 3	10	10	·370	
10	28·767	28·709	41·1	37·8	34·0	43·2	·228	·205	89	91	SW 3	SW 1	5	10	·190	
11	29·440	29·863	31·3	28·8	28·0	37·8	·160	·114	92	73	N 2	Calm 0	4	0	—	
12	30·077	·973	25·3	31·3	22·0	36·0	·115	·160	86	92	E 2	SW 3	0	10	—	
13	29·833	·677	35·3	37·3	31·3	38·0	·156	·201	76	91	SW 3	S 8	10	10	·180	
14	·614	·614	37·3	36·8	30·5	38·0	·177	·196	80	91	SE 4	Calm 0	7	9	·550	
15	·702	·816	36·3	34·8	34·8	40·0	·198	·199	93	99	NE 2	Calm 0	10	10	·010	
16	·894	·951	36·8	37·8	34·0	38·2	·213	·221	98	98	Calm 0	Calm 0	10	10	—	
17	29·889	29·931	42·8	34·8	34·2	42·8	·240	·199	88	99	Calm 0	NE 2	10	0	—	
18	30·052	30·163	37·0	38·3	33·0	38·8	·204	·215	93	94	NE 4	E 4	8	10	—	
19	·225	·245	35·8	36·6	33·0	38·3	·188	·208	90	97	SE 4	E 2	10	10	—	
20	·314	·408	34·6	33·8	32·0	36·6	·163	·182	81	93	E 3	NE 3	7	10	—	
21	·434	·407	33·0	34·6	31·0	37·2	·182	·163	97	81	NE 2	NE 3	10	10	—	
22	·354	·272	35·6	34·3	33·0	37·0	·181	·152	87	76	E 5	E 4	7	8	—	
23	·216	·310	31·3	33·8	27·2	39·0	·143	·152	81	79	NW 2	Calm 0	7	9	—	
24	·380	30·334	27·3	33·8	26·0	44·0	·136	·152	92	79	E 1	W 2	0	10	—	
25	30·127	29·868	32·0	35·3	28·5	44·0	·169	·204	94	99	SW 2	SW 2	8	10	·140	
26	29·746	·819	33·8	36·3	32·0	38·8	·172	·186	88	88	NE 3	E 4	5	6	·130	
27	·976	·965	34·6	28·6	28·0	36·3	·182	·154	91	98	NE 3	NE 3	6	4	·040	
28	29·885	29·911	25·0	26·3	20·0	36·0	·123	·139	92	98	E 1	Calm 0	5	1	—	
Means	29·810	29·802	34·9	35·7	31·0	40·6	·184	·191	89·5	89·9	2·1	2·4	7·5	7·7	3·030	

SCARBOROUGH.

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

FEBRUARY 1881.

1	29·735	29·864	37·5	36·0	34·7	42·5	·208	·208	93	98	WSW 1	WSW 1	9	0	—	
2	·781	·623	34·0	39·6	32·7	39·6	·193	·243	99	100	SSE 2	SSE 1	10	10	·170	9*a*.
3	·574	·427	43·0	49·0	38·6	49·0	·273	·329	98	95	SSE 1	SSE 4	10	10	·120	*a*.
4	·348	·250	46·0	46·1	45·4	49·5	·294	·293	95	94	SSW 2	S 1	10	10	·070	
5	·249	29·469	40·0	39·1	38·0	46·1	·220	·196	90	82	WSW 2	NNW 7	9	10	·310	
6	·806	30·028	37·1	34·0	34·0	39·1	·179	·162	81	82	N 6	WNW 2	6	7	·010	✳ before 9*a*. ▲ ✳ *p*.
7	29·913	29·029	33·0	37·3	30·2	37·3	·165	·218	88	98	S 4	WSW 3	10	5	·290	↙ 2 (strong gale) during the day with [✳ ●. ✢
8	28·930	·282	39·1	39·1	36·2	40·3	·213	·203	89	85	W 2	W 1	1	2	·020	
9	29·664	29·486	38·1	35·0	35·0	40·3	·189	·201	82	99	N 2	SSE 3	10	10	·400	
10	28·857	28·770	39·1	38·1	33·3	41·3	·232	·222	97	96	WSW 1	WSW 1	4	10	·430	✳ before 9*a*. ● *p*. ↙ ✳ at night.
11	29·203	29·684	33·2	34·0	32·5	38·3	·183	·183	97	93	NNE 7	NNW 4	10	1	·210	✳ ▲ ↙ *n*., *a*., and *p*.
12	·988	30·043	35·1	34·0	32·5	39·3	·196	·154	96	78	NNW 2	WSW 1	9	2	—	✳ ▲ with squalls before 9*a*.
13	·981	29·890	34·0	35·0	31·5	35·3	·156	·201	79	99	S 4	SSE 5	5	10	·020	✳ *p*.
14	·775	·727	35·4	35·5	33·5	36·3	·196	·208	95	100	SSE 5	SSE 6	10	10	·300	✳ *a*. ✳ and ● *p*.
15	·722	·817	37·5	38·3	34·9	40·3	·225	·225	100	98	SSE 1	S 1	10	10	·040	*p*.
16	·930	·944	38·4	39·1	37·5	39·2	·225	·222	97	93	Calm 0	S 1	10	10	—	*a*.
17	29·985	29·987	37·9	38·1	37·3	39·1	·218	·206	96	89	SSE 2	SE 2	10	1	—	9 9*a*.
18	30·068	30·199	38·1	36·8	35·5	38·3	·214	·208	93	96	SE 2	SE 2	10	10	—	
19	·250	·252	36·8	36·5	34·7	36·8	·200	·216	92	100	E 3	ENE 3	10	10	·030	
20	·316	·372	34·4	32·8	32·0	36·5	·188	·172	95	92	ENE 5	ENE 4	10	10	·010	▲ 9*a*.
21	·384	·342	33·1	35·5	31·5	35·5	·168	·162	89	78	NNE 1	N 3	10	10	·110	✳ *a*.
22	·320	·214	35·3	34·0	33·4	35·5	·186	·193	91	99	NE 6	NE 4	10	10	·150	✳ *a*. and *p*.
23	·170	·273	37·1	36·9	32·6	40·4	·197	·180	89	82	NNW 2	NNW 1	3	10	—	✳ ● before 9*a*.
24	·327	30·308	35·9	34·5	34·5	39·3	·193	·168	92	84	NNW 1	NNW 1	10	0	—	
25	30·156	29·922	33·5	35·7	31·5	38·8	·170	·197	88	95	WSW 1	WSW 1	9	10	·040	
26	29·794	·847	35·0	37·4	33·0	37·4	·201	·214	99	95	WSW 1	E 3	10	10	·070	✳ 9*a*. ✳ and ● *p*.
27	·981	·938	37·2	34·0	33·3	37·4	·180	·173	81	88	SE 4	E 4	8	7	·030	✳ before 9*a*. ▲ *p*.
28	29·848	29·816	33·5	31·6	29·8	36·1	·161	·164	84	92	NE 3	NNW 2	7	10	·300	✳ *p*.
Means	29·827	29·814	36·7	36·9	34·3	39·5	·201	·204	91·6	92·1	2·6	2·6	8·6	7·7	3·130	

Observer remarks: Mean sea temperature 39°·0, being about 1°·5 cooler than the average of the past 4 years.

DOUGLAS, ISLE OF MAN.

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

FEBRUARY 1881.

Day.	Barometer at 32° and M. S. L. 9 a.m.	9 p.m.	Air Temperature. 9 a.m.	9 p.m.	Min.	Max.	Tension of Vapour. 9 a.m.	9 p.m.	Relative Humidity. 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	29·741	29·812	35·9	36·0	28·7	47·5	·144	·206	67	97	Calm 0	Calm 0	2	10	·018	⌓ 2 *a*. ⌓ 2 *p*.
2	·559	·496	37·9	45·2	35·5	45·2	·215	·297	95	99	ESE 4	SW 4	10	10	·560	● 〰 most of day.
3	·410	·226	45·2	46·2	43·6	46·5	·299	·313	100	100	SE 4	SE 5	10	10	·450	〰 *a*. ● 2 〰 6*p*.–10*p*.
4	·245	·208	44·8	44·9	43·3	47·3	·297	·283	100	95	SSW 3	WSW 4	10	10	·060	● 〰 till 4*p*.
5	·301	29·746	40·0	36·7	35·0	44·9	·203	·155	82	72	NW 6	NNW 5–6	10	8	·040	↙ ● 2 6*a*.–7*a*. ↙ ● ✳ 0.30*p*.–4*p*.
6	·948	30·025	35·0	30·3	26·0	41·3	·140	·149	69	88	NNW 2	N 2	4	3	·394	
7	29·535	28·983	35·0	43·5	30·3	46·6	·198	·249	97	88	SE 6	WSW 4	10	7	1·210	↙ ✳ ● 4*a*.–2*p*. ↙ ● 2 3*p*.–4.30*p*.
8	28·958	29·411	44·4	45·0	39·0	47·0	·257	·253	88	85	WNW 8	WNW 8	10	7	·010	↙ ● 2 5*a*.–11*a*. ↙ *p*.
9	29·690	29·243	38·0	39·8	36·5	45·0	·190	·235	83	96	Calm 0	ESE 6	9	10	·782	↙ ● 2 *p*.
10	28·780	28·643	44·1	41·7	39·2	48·3	·256	·228	88	87	WSW 3	WSW 4	10	10	·268	▲ ● 9.45*a*.
11	29·483	29·899	34·0	35·2	32·8	41·8	·138	·158	71	77	N 4	N 2	3	4	—	▲ ✳ 5*a*.–8.30*a*.
12	30·049	·940	34·0	38·0	24·3	41·6	·125	·153	64	66	NW 1	SSE 4	2	10	·462	〰 (mist) 9*p*.
13	29·752	·594	37·8	41·0	35·6	41·0	·216	·250	96	98	SE 4	SSE 4	10	10	1·016	● all day.
14	·526	·568	38·8	38·4	38·4	41·0	·230	·228	98	99	ESE 4	E 3	10	10	·858	● all day. 〰 *p*.
15	·687	·824	39·0	40·2	37·7	45·4	·234	·228	98	92	N 1	Calm 0	10	10	—	
16	·877	·863	40·5	41·0	39·3	41·0	·233	·248	93	97	SE 2	E 3	10	10	—	〰 Noon.
17	·889	29·894	40·8	40·7	39·0	43·7	·244	·233	96	92	ESE 3	E 3	10	10	·005	〰 till Noon.
18	29·984	30·144	40·4	39·8	39·8	42·5	·242	·228	97	94	NE 2	ENE 3	10	10	—	〰 *a*.
19	30·176	·217	38·0	37·7	37·7	39·8	·208	·189	91	83	ESE 4	ESE 4	10	10	—	〰 0 (mist) *p*.
20	·259	·343	37·1	35·5	35·5	39·0	·195	·160	88	77	E 4	E 4	10	10	—	✳ 0 7*a*.
21	·411	·417	34·1	35·0	33·0	38·0	·175	·168	88	82	E 5	NE 3	9	3	—	▲ 0 8*a*. ✳ 0 1*p*.
22	·365	·293	36·0	34·8	34·0	39·7	·184	·155	87	77	NE 3	NE 4	10	9	—	
23	·263	·326	36·7	33·7	29·8	41·6	·168	·160	77	82	N 2	Calm 0	2	10	—	
24	·372	30·333	39·4	34·3	31·9	43·2	·161	·178	67	89	NE 2	WNW 1	0	7	·010	〰 0 (mist) 9*a*.
25	30·145	29·902	40·5	38·0	29·8	45·4	·220	·220	88	96	W 2	WNW 2	8	4	·050	
26	29·732	·774	37·0	33·2	32·2	39·3	·196	·181	89	95	NNE 2	ENE 3	8	10	·830	〰 ✳ 2 4*p*.–9.30*p*. ✳ 2 ● 2 at night.
27	·929	·935	35·7	32·5	29·7	38·2	·178	·152	84	83	E 4	NE 2	10	8	·060	〰 0 (mist) 9*a*. ✳ 0 10*a*. ✳ 2 3*p*. and *n*.
28	29·902	29·913	32·2	27·0	27·0	38·0	·149	·120	81	83	NNE 2	Calm 0	1	1	·120	✳ 2 4*p*.
Means	29·785	29·785	38·3	38·0	34·5	42·9	·203	·206	86·5	88·2	3·1	3·1	7·8	8·3	7·203	

WAKEFIELD.

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

FEBRUARY 1881.

1	29·720	29·886	29·5	33·4	28·4	43·7	·149	·182	92	96	NW 1	WSW 1	10	10	—	〰 9*a*.
2	·734	·615	34·6	35·1	29·2	36·2	·188	·194	94	95	ESE 1	NW 1	10	10	·280	✳ 0 9*a*.–10*a*. and at times. 〰 *p*.
3	·541	·386	45·2	49·8	32·0	49·9	·293	·331	97	93	NE 1	NE 2	10	10	·050	
4	·297	·264	48·0	44·2	42·9	53·0	·307	·267	92	92	SSW 1	W 1	10	6	·050	
5	·270	29·607	39·5	36·1	36·0	44·9	·213	·180	88	85	WNW 2	NW 5	10	7	·040	
6	·890	30·048	33·0	30·0	29·3	39·0	·147	·137	78	82	NW 4	WNW 2	0	0	—	Fine and bright all day.
7	29·833	29·039	33·1	43·2	23·8	43·9	·161	·229	86	82	SE 4	SW 3	10	7	·330	✳ 9.30*a*.
8	28·938	·386	38·1	39·1	36·2	44·9	·224	·205	97	86	W 4	W 4	10	8	·100	Rough wild day.
9	29·747	29·430	37·6	35·9	35·4	44·9	·194	·193	86	92	N 2	S 3	10	10	·660	Dull and gloomy all day.
10	28·854	28·773	44·4	40·5	34·5	46·9	·256	·225	88	90	NW 2	SW 2	10	8	·520	
11	29·301	29·769	33·1	34·5	32·1	42·2	·146	·136	77	68	NE 2	WNW 4	10	0	—	Ψ (green) 6.15 *p*.
12	30·037	30·077	35·1	32·1	30·4	39·6	·154	·136	74	74	NW 3	WNW 3	3	10	·020	
13	29·950	29·833	33·5	34·8	31·2	37·0	·145	·177	75	87	SSE 2	SSE 3	10	10	·280	Dull and gloomy all day.
14	·702	·697	33·9	35·1	33·2	35·1	·177	·183	90	89	SE 3	ESE 3	10	10	·970	✳ ● 2 before 9*a*.
15	·687	·817	36·1	40·7	34·3	41·7	·207	·239	97	94	NE 1	NNW 2	10	10	—	〰 9*a*.
16	·914	·957	39·2	40·7	37·1	41·8	·219	·232	92	92	SSE 1	SE 1	10	10	—	
17	29·952	29·977	38·7	39·5	38·0	43·9	·225	·232	96	96	SSE 1	SSE 1	10	10	—	
18	30·054	30·216	39·1	38·9	36·0	40·8	·221	·211	93	90	E 1	ESE 1	10	10	·010	
19	·231	·217	35·6	37·1	34·0	39·6	·188	·215	91	97	E 1	N 2	10	10	·040	Dull and gloomy all day.
20	·328	·359	34·3	32·7	32·7	37·8	·188	·154	95	83	NNE 1	ENE 1	10	10	·040	Dull and gloomy all day.
21	·371	·361	32·7	32·3	31·7	37·8	·170	·176	92	97	NE 1	NE 1	10	10	·130	✳ 9*p*.
22	·308	·238	34·6	34·1	31·4	35·2	·179	·179	89	90	ENE 2	NE 2	10	10	·050	✳ 2 before 9*a*.
23	·212	·289	34·1	30·1	29·5	38·9	·165	·143	83	85	NNE 1	N 1	1	0	—	Fine all day.
24	·344	·347	33·7	31·0	27·2	38·8	·155	·136	80	77	NNW 1	N 1	10	7	—	
25	30·163	30·025	33·1	35·5	28·8	39·8	·149	·189	79	92	NNW 1	W 1	10	8	—	
26	29·811	29·837	34·9	36·4	30·7	39·4	·185	·207	91	96	W 1	SW 1	10	10	·250	Dull all day, with occasional ✳ and [●.
27	·978	·918	33·1	31·6	30·2	38·2	·166	·162	88	92	ENE 2	ENE 2	6	5	—	
28	29·849	29·868	30·5	31·0	29·0	35·6	·156	·169	93	97	NE 2	WNW 2	7	2	—	Fine and bright all day.
Means	29·822	29·830	36·0	36·3	32·3	41·1	·190	·194	88·3	88·9	1·8	2·0	8·8	7·8	3·820	

LLANDUDNO.

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

FEBRUARY 1881.

Day.	Barometer at 32° and M.S.L. 9 a.m.	Barometer at 32° and M.S.L. 9 p.m.	Air Temperature. 9 a.m.	Air Temperature. 9 p.m.	Air Temperature. Min.	Air Temperature. Max.	Tension of Vapour. 9 a.m.	Tension of Vapour. 9 p.m.	Relative Humidity. 9 a.m.	Relative Humidity. 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	29·763	29·833	40·4	39·0	37·9	47·5	·218	·212	87	90	W 0·6	W 0·6	0	0	·275	
2	·537	·551	40·0	45·6	35·8	47·9	·214	·269	87	88	SW 3	SW 0·6	10	0	·060	
3	·449	·260	49·0	50·0	44·4	52·0	·329	·334	95	93	S 1	SW 0·6	9	10	·200	
4	·283	·268	48·3	45·6	45·0	50·5	·306	·269	91	88	SW 1	W 1	9	10	·010	
5	·376	29·712	40·0	39·0	36·6	46·0	·207	·165	84	70	W 2	N 7	10	10	·010	
6	·972	30·061	37·0	30·4	29·3	39·6	·143	·120	65	71	E 1	NE 1	2	0	·100	Very fine.
7	·670	29·069	34·7	44·7	30·0	51·4	·186	·237	93	80	SW 5	SW 7	10	10	·677	✳ showers *a.* Squally ●
8	·053	·501	45·4	44·0	40·3	47·6	·233	·252	77	87	W 7	W 2	10	10	—	Squally *a.*
9	29·717	29·220	41·0	43·0	39·6	44·2	·216	·255	84	92	NW 1	S 3	0	10	·477	Fine *a.* ● *p.*
10	28·828	28·728	43·0	42·6	40·8	50·2	·238	·225	86	83	W 3	W 5	10	10	·150	
11	29·398	29·907	35·6	39·0	33·7	45·2	·144	·140	68	59	E 8	N 5	10	10	—	Squally before 9*a.* ✳ 0 *a.* Fine *p.*
12	30·091	·950	35·2	35·0	35·0	41·7	·146	·139	71	68	NE 1	SW 1	0	1	·290	
13	29·763	·637	38·0	41·0	34·0	41·6	·208	·235	91	92	S 5	S 7	10	10	·194	✳ showers *a.* Squally *a.* and *p.*
14	·508	·506	40·8	43·2	38·8	43·2	·221	·250	88	89	S 2	S 0·6	10	10	·260	
15	·671	·846	44·8	41·4	41·0	46·6	·269	·243	91	94	WNW 1	N 1	10	10	—	≋ *p.*
16	·903	·857	40·7	43·0	40·0	43·2	·237	·253	93	91	N 1	W 0·6	10	0	—	≋ *a.* Very fine aft.
17	·888	29·889	41·0	46·0	36·8	49·4	·218	·241	85	78	S 0·6	SE 0·6	0	10	—	≋ Mid-day.
18	29·975	30·113	46·0	43·8	43·8	53·6	·251	·246	82	86	WNW 0·6	SE 1	1	10	—	≋0 (mist) before 9*a.* Very fine day.
19	30·168	·205	39·4	37·4	36·5	49·3	·217	·190	91	86	SE 3	E 2	10	10	—	Dull and cold, with ≋.
20	·240	·321	37·5	36·0	35·0	44·4	·204	·177	92	84	SE 2	E 6	10	10	—	≋ all day.
21	·382	·384	33·7	36·0	32·4	40·4	·145	·168	75	80	E 5	E 5	10	1	—	≋ *a.*
22	·325	·266	37·0	37·0	34·5	38·0	·177	·174	81	79	E 5	E 5	10	10	—	≋0 (mist) *a.*
23	·262	·325	36·9	33·2	32·4	39·5	·166	·152	76	80	E 1	E 1	2	0	—	Very fine and sunny.
24	·363	30·362	34·8	33·7	30·5	41·0	·160	·145	79	75	SE 0·6	SE 0·6	10	0	—	≋0 (mist) *a.* ≋ *p.*
25	30·201	29·959	36·0	39·8	28·0	41·0	·170	·211	80	87	WNW 0·6	W 1	10	9	·320	≋0 (mist) all day.
26	29·769	·744	37·8	35·2	34·7	43·0	·207	·183	91	89	W 1	S 0·6	10	0	·010	△2 before 9*a.* ✳2 9*a.*
27	·903	·895	35·0	34·4	32·3	38·5	·169	·160	82	80	SE 0·6	SE 5	7	5	—	✳ showers *a.* and at 1.30*p.* Fine aft.
28	29·876	29·925	33·2	34·0	29·6	36·3	·131	·139	70	71	E 2	E 1	7	0	·020	Very fine, but very cold wind.
Means	29·798	29·796	39·4	39·8	36·0	44·7	·205	·207	83·4	82·5	2·3	2·6	7·4	6·3	3·053	

BUXTON.

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

FEBRUARY 1881.

1	29·834	29·937	35·0	34·8	23·7	43·6	·203	·192	97	95	W 2	NW 1	7	5	·480	≋ *p.* ✳ at night.
2	·756	·662	32·9	41·9	29·0	42·6	·185	·255	99	96	ESE 2	W 2	10	5	·280	✳ 9*a.* and before. Thaw. ≋ *p.*
3	·612	·446	43·6	46·1	41·0	47·3	·284	·299	100	96	SW 3	SW 2	10	10	·375	≋0 9*a.*
4	·401	·325	44·4	42·6	40·8	47·1	·285	·246	98	90	SW 2	W 3	10	10	·450	≋0 (mist) *p.*
5	·336	29·666	34·9	31·9	31·0	42·6	·188	·159	93	88	NW 5	SW 2	9	10	·260	✎ *a.* ● ✳0 *p.*
6	·968	30·146	22·9	22·1	21·4	36·0	·119	·114	97	97	NW 3	NE 1	3	0	—	✳ before 9*a.*
7	·844	29·172	28·8	38·9	15·9	39·0	·158	·217	100	92	SSW 3	W 5	10	5	1·870	✳ 9*a.* and *p.* Thaw. ✎2 *p.*
8	·048	·456	38·9	39·3	33·8	41·0	·226	·228	96	96	NW 7	NW 4	10	10	1·440	✳ before 9*a.* ✎2 *a.*
9	29·764	29·460	33·8	33·3	31·7	40·5	·177	·184	91	97	NW 1	SW 2	7	10	1·215	✳ *p.*
10	28·957	28·851	41·2	36·4	32·7	45·8	·245	·207	95	96	SW 3	NW 2	9	6	·610	✳ *p.*
11	29·367	29·831	30·4	30·2	29·0	38·5	·158	·162	94	97	ENE 3	NW 2	8	2	—	✳ before 9*a.*
12	30·096	30·110	31·6	29·4	26·2	41·7	·163	·156	92	96	NW 1	NW 2	3	8	—	Ψ 9*p.*
13	30·000	29·868	31·1	32·3	28·0	38·2	·172	·176	99	97	SW 2	WSW 2	10	10	·300	✳
14	29·745	·708	32·4	33·4	31·0	39·5	·179	·176	98	93	SE 1	SE 1	10	10	·700	✳ before 9*a.* ✎ *a.* and *p.*
15	·758	·879	38·4	37·6	32·3	41·0	·232	·221	100	99	Calm 0	W 1	10	10	·075	≋0 *a.*
16	29·980	29·992	35·7	37·5	33·6	39·0	·207	·220	99	99	SE 1	E 2	10	10	—	≋0 *a.*
17	30·006	30·006	35·9	38·4	34·8	43·6	·208	·222	99	96	SE 2	SE 1	10	10	—	≋0 *a.*
18	·099	·223	35·6	35·1	34·8	41·0	·204	·202	99	99	SE 2	SE 2	10	10	—	≋0 *a.* and *p.*
19	·263	·264	31·2	32·9	30·0	36·0	·175	·183	100	98	SE 3	SE 2	10	10	—	≋0 *a.* ~ ← Snowdrops in flower.
20	·304	·400	31·0	28·9	28·7	33·7	·159	·159	88	100	SE 3	SE 3	10	10	—	≋0. ~ ← 9*a.*
21	·420	·390	28·9	28·9	26·5	34·2	·147	·153	93	97	SE 3	NW 1	9	10	·210	← ~ *a.* ✳ *p.*
22	·330	·276	31·6	31·3	23·0	31·6	·163	·168	92	96	E 2	SE 3	10	10	—	✳ *a.*
23	·260	·365	34·4	33·7	23·0	42·1	·152	·119	76	95	NE 1	NW 1	3	0	—	Fine day.
24	·407	·382	27·9	25·9	17·9	36·4	·140	·133	92	95	NE 1	NE 1	7	0	—	≋0 9*a.* [△ *p.*
25	30·270	30·015	28·4	33·4	15·9	36·0	·149	·176	97	93	NE 1	SW 2	8	5	·170	≋0 9*a.* and before. ✎ ✳ ● (sleet)
26	29·823	29·825	35·2	32·4	31·0	38·0	·185	·174	90	96	NW 1	SE 3	9	10	·490	✳ *a.* and *p.* Atmosphere a peculiar [green colour.
27	·976	·940	29·7	27·9	27·0	34·5	·165	·149	100	98	SE 3	NE 4	6	10	·150	✳ *a.* and *p.* Missel thrush heard.
28	29·882	29·940	26·4	24·9	24·0	34·2	·129	·130	92	98	E 1	NW 3	7	0	—	✳ before 9*a.* Thaw.
Means	29·877	29·876	33·4	33·3	28·5	39·5	·184	·185	95·2	95·9	2·2	2·1	8·4	7·4	9·075	

HILLINGTON, NORFOLK.

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

FEBRUARY 1881.

Day.	Barometer at 32° and M. S. L. 9 a.m.	Barometer at 32° and M. S. L. 9 p.m.	Air Temperature. 9 a.m.	Air Temperature. 9 p.m.	Air Temperature. Min.	Air Temperature. Max.	Tension of Vapour. 9 a.m.	Tension of Vapour. 9 p.m.	Relative Humidity. 9 a.m.	Relative Humidity. 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	29·793	29·913	28·9	33·2	27·2	36·0	·156	·181	98	96	SW 0·5	SW 1	10	10	·012	⌊ *a.* ≋0 (mist) all day.
2	·793	·693	35·0	45·0	33·2	45·5	·197	·295	97	98	S 1	S 2	10	10	·190	
3	·649	·532	41·4	47·1	41·4	50·0	·252	·317	97	98	SSW 2	S 3	10	10	·068	
4	·411	·329	44·9	45·4	42·6	49·2	·270	·289	91	96	SE 1	SW 2	8	6	·049	Snowdrops and aconites in flower.
5	·307	29·424	40·8	36·5	35·5	47·6	·236	·199	93	93	NW 3	NW 4	10	10	·191	●2 8*p.* △ 9*p.*
6	29·780	30·063	32·9	33·4	32·0	37·6	·168	·162	90	85	N 5	NW 1	10	10	·034	✳0 *a.* and *p.* △ 9*p.*
7	30·008	29·203	32·0	39·0	24·9	39·1	·151	·230	83	97	SSW 3	SSW 5	10	10	·220	△ ✳ early *a.* ✎ most of day.
8	29·011	·356	42·8	39·9	38·2	44·7	·251	·224	92	91	NW 3	NW 2	10	10	·227	[✳ *p.* ●2 *p.*
9	·719	29·525	37·6	35·4	35·2	39·9	·205	·193	91	93	N 3	SE 3	10	10	728	✎ *n.* and early *a.* ●2 8*p.* ✳ ● [(sleet) 9*p.*
10	·010	28·836	44·9	39·4	33·9	48·6	·284	·225	95	94	W 2	SW 3	10	10	·068	✳ ●2 ✎ before 9*a.* ⌒ 4.30*p.*
11	·163	29·675	32·3	33·0	32·1	40·4	·170	·169	93	90	NE 3	NW 5	10	6	·090	[Ψ *p.* ✳ 7.15*a.* and during day. Ψ *p.*
12	29·972	30·055	32·0	31·4	30·2	38·5	·172	·159	95	91	NNW 3	N 0·5	6	9	·015	✳ *a.*
13	30·045	29·935	34·0	35·0	27·3	38·4	·152	·158	77	77	SSE 3	SSE 3	10	10	—	⌊ 9*a.*
14	29·793	·708	35·1	35·0	32·9	38·5	·162	·196	78	96	SE 4	SE 4	10	10	·427	● nearly all day from 1.15*p.*
15	·776	·841	37·2	37·7	34·3	43·3	·213	·222	96	99	SSE 2	SE 0·5	10	10	·062	
16	·933	·933	38·7	40·0	37·3	43·5	·223	·240	95	98	SE 0·5	SE 0·5	10	10	·007	≋0 (mist) *a.*
17	29·966	29·939	33·2	38·2	30·4	48·5	·181	·218	96	95	SE 0·5	SE 0·5	10	10	·016	≋ early *a.* Beautiful day.
18	30·038	30·142	39·8	37·2	37·2	43·8	·238	·214	98	96	SE 0·5	ESE 1	10	10	·048	
19	·197	·173	35·1	36·5	33·7	37·6	·192	·212	94	99	NE 1	ENE 1	10	10	·002	≋0 (mist) 9*a.*
20	·217	·272	35·1	34·0	33·7	37·4	·196	·187	96	96	E 3	E 3	10	10	·001	
21	·316	·232	33·7	32·9	32·2	35·6	·154	·162	80	87	ENE 1	NE 0·5	10	10	·160	✳0 from 7*p.*
22	·206	·134	33·7	33·5	32·2	36·4	·191	·187	99	98	E 1	NE 0·5	10	10	·193	✳ with ● at times, *a.* and *p.*
23	·188	·243	34·3	36·2	32·0	38·1	·187	·201	95	94	NW 1	NE 2	10	10	—	
24	·300	30·280	37·4	34·8	33·2	40·5	·202	·174	90	86	NW 1	WNW 0·5	9	10	·004	
25	30·178	29·979	34·8	35·0	33·5	40·2	·180	·171	89	83	NW 0·5	SW 0·5	10	10	—	
26	29·841	·846	35·6	32·8	28·9	45·0	·172	·161	83	87	SW 1	S 1	3	6	·030	⌊ 9*a.* Very fine day.
27	·913	·840	35·9	31·8	29·2	45·4	·168	·170	80	95	E 2	E 3	2	10	·036	✳0 showers *p.*
28	29·753	29·798	32·0	29·3	29·0	37·0	·176	·121	97	75	E 2	N 1	10	1	·054	✳ showers *a.*, 2 ins. deep.
Means	29·831	29·818	36·1	36·4	32·9	41·7	·196	·201	91·4	92·3	1·9	1·9	9·2	9·2	2·932	

UPPINGHAM.

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

FEBRUARY 1881.

1	29·795	29·918	31·2	29·9	29·7	39·3	·173	·164	99	98	WNW 2	SWb.S 1	0	10	·129	≋2 ⌊ *a.* and *p.*
2	·741	·677	35·6	42·2	29·1	44·8	·205	·263	98	97	SEbyE 1	S by E 1	10	10	·168	≋2 7.30*a.* ≋2 ● Noon—5*p.*
3	·619	·476	45·8	47·5	41·4	47·7	·297	·301	96	92	S by W 1	SWb.S 3	10	10	·097	Gloomy day.
4	·390	·335	45·3	42·5	42·1	48·7	·294	·248	97	91	S by W 3	SW 3	10	10	·084	
5	·353	29·530	38·2	33·8	32·9	42·8	·188	·176	82	90	WbyN 3	NNW 5	3	10	·056	Sunny *a.* ●0 *p.* ✳0 ●9*p.*
6	·860	30·081	31·7	29·0	29·0	37·6	·157	·128	88	81	NW 5	NW 1	1	0	—	Bright sun most of day.
7	·963	29·193	30·9	39·8	26·7	39·8	·139	·241	79	98	S by E 4	SWb.W 2	10	6	·311	Red sunrise. ✳ 0.30*a.* ✎ (sharp gale) [✳2 *p.* ✢. ● 4-30*p.*
8	·039	·400	41·8	39·1	37·8	44·2	·229	·217	87	91	WbyN 7	NWbW 5	10	5	·180	✎ ● *a.* and during day (force 8 at [6.30*p.*) Temp. 42·8 10*p.*
9	29·681	29·484	37·2	36·1	35·5	40·9	·180	·203	81	95	NbyW 4	S by E 3	9	10	·460	●2 △0 0.20*p.* ✎ (force 5–8) 11*a.*–5*p.*
10	28·969	28·869	44·8	38·3	35·4	47·7	·252	·196	85	85	WSW 2	SWb.S 3	10	9	·162	Bitter wind *a.* ✳0 *p.* Rough ✎ all day.
11	29·174	29·742	32·1	32·6	32·0	38·3	·154	·162	85	87	NNE 5	NNW 5	10	0	—	Bright day. ∞ in the evening.
12	30·026	30·068	30·9	30·8	28·9	40·1	·120	·128	69	73	NWb.N 3	Calm 0	8	3	—	Temp. 36°·7 *n.* ∞ *a.* ≋0 Noon. ✳0.
13	30·010	29·899	30·4	33·4	27·0	36·8	·137	·161	80	84	S by E 3	S by E 3	10	10	·012	Gloomy and cold *a.* ●0 10*a.*–3*p.*, then
14	29·742	·687	33·2	34·8	32·3	34·9	·163	·196	86	97	SSE 4	SSE 3	10	10	·610	[●2. ≋ 8*a.*, then ●0
15	·739	·821	38·9	39·4	33·3	41·3	·235	·240	99	99	S 1	Calm 0	10	10	·100	≋ all day.
16	·928	·949	40·7	40·0	39·0	43·9	·237	·239	93	97	Calm 0	SE 1	10	10	—	≋ all day. (≋2 *p.*)
17	29·963	29·953	35·7	37·2	35·7	40·8	·203	·218	97	98	NE 1	Calm 0	10	10	·010	≋2 till Noon, and from 5*p.*
18	30·036	30·144	37·6	37·3	36·2	42·0	·221	·219	98	98	Calm 0	N 1	10	10	·010	
19	·197	·189	33·4	34·8	32·9	37·9	·185	·192	97	95	NEb.E 2	E byN 1	10	10	—	≋2 7*a.* ≋0 9*a.* Dull heavy day.
20	·231	·286	33·6	32·3	32·1	35·7	·189	·177	98	97	NEb.E 3	E byN 2	10	10	·020	≋ till 3*p.* ≋2 6*p.* ✳0 9*p.* [∞ 9*p.*
21	·330	·292	31·2	29·8	29·1	34·2	·151	·152	85	92	NEb.E 1	NNE 1	10	10	·202	✳ showers *p.* [Thaw 11*a.*
22	·217	·184	32·9	31·7	28·9	34·7	·168	·165	90	92	N by E 1	N 2	10	10	·178	✳2 *n.*, and till 6*p.* 2½ ins. deep 9*a.*
23	·201	·282	33·0	33·2	29·8	36·3	·171	·163	91	86	NbyW 1	NbyW 2	10	10	—	Dull day. Thaw 10*a.*–8*p.*
24	·328	·313	31·3	33·1	26·2	38·1	·140	·160	79	84	N 1	N 1	10	10	—	
25	30·202	30·007	33·5	32·9	30·1	40·0	·146	·166	76	89	Calm 0	WSW 2	10	10	—	✳0 9*p.*
26	29·817	29·824	32·9	34·3	30·1	42·9	·164	·167	87	84	SSW 2	S 2	5	10	—	✳0 ●0 △ *p.*
27	·916	·868	32·1	30·0	29·4	36·8	·164	·167	90	100	NEb.E 2	NE 1	10	10	·017	✳ *a.* and *p.*
28	29·744	29·856	28·8	26·2	26·1	35·6	·132	·113	84	80	NNE 2	NWbyN 2	9	0	—	✳0 9*a.* Fine day.
Means	29·829	29·833	35·2	35·1	32·1	40·1	·186	·190	88·4	91·1	2·3	2·0	8·8	8·3	2·806	

Churchstoke.

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

FEBRUARY 1881.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	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	29·831	29·900	33·4	35·1	29·1	47·2	·176	·184	93	90	W 1	SW 2	2	1	·369	⊔
2	·595	·634	39·0	46·2	32·1	47·9	·231	·292	98	94	SE 5	SW 1	10	8	·220	
3	·503	·355	47·2	48·4	44·5	50·6	·312	·319	97	94	SSW 2	SW 2	8	10	·202	
4	·322	·333	46·8	44·8	43·1	50·4	·279	·253	88	85	SSW 1	SW 2	9	5	·080	⌒
5	·412	29·715	37·3	36·0	34·8	45·6	·186	·163	84	77	WNW 2	WNW 4	8	10	—	
6	·982	30·118	31·0	25·9	24·0	37·8	·124	·101	71	73	W 2	NW 1	4	2	—	⊔
7	·811	29·187	31·9	41·9	23·9	46·2	·180	·241	100	92	SE 8	SSW 4	10	10	1·004	⟋² ✱² ●² a.
8	·124	·546	43·8	42·8	39·1	46·8	·243	·250	85	92	WNW 10	WNW 4	10	8	·200	Snowdrops in flower.
9	29·760	29·350	40·6	40·0	38·0	44·0	·205	·237	81	96	W 2	SW 2	6	10	1·063	
10	28·929	28·817	44·4	40·2	38·2	51·0	·266	·208	91	84	W 3	W 3	10	8	·320	Squally, with ●².
11	29·317	29·907	32·3	33·3	30·2	41·4	·169	·177	93	94	N 5	N 1	10	3	—	Squally, with ✱ ▲.
12	30·132	30·054	32·0	31·2	27·0	42·2	·165	·121	91	70	NW 2	N 1	0	7	·010	⊔
13	29·879	29·728	34·9	37·5	30·3	38·8	·177	·196	87	88	S 5	SE 4	10	10	·117	Squally ⟋² from SSW, with ✱ ●
14	·597	·609	36·7	41·0	35·1	41·2	·203	·252	94	98	SE 5	SE 1	10	10	·243	
15	·712	·857	45·7	42·8	39·7	51·9	·297	·271	97	99	ESE 1	Calm 0	9	10	·071	≡⁰ (mist) on hills 9a. and 9p. Warm and dull.
16	·944	·913	40·1	42·4	39·0	45·9	·246	·249	99	92	Calm 0	SE 2	10	2	·003	≡² a.
17	29·925	29·923	38·9	42·8	38·0	47·3	·216	·242	92	88	ESE 2	Calm 0	9	10	—	⌓
18	30·026	30·144	39·9	40·6	39·1	44·9	·246	·239	100	95	ESE 1	SE 1	10	10	—	≡² a. and p.
19	·191	·220	35·4	34·8	33·4	41·5	·199	·184	96	91	ENE 2	ENE 2	10	10	—	≡ a. and p.
20	·242	·316	34·9	32·8	32·0	35·6	·199	·169	98	91	NE 2	NE 2	10	10	—	≡ a. and p. ✱ ● (sleet).
21	·373	·363	30·9	29·1	27·3	34·8	·160	·160	92	100	NNE 3	NE 1	8	6	—	▲ 9a. and before. ⊔.
22	·306	·267	31·9	32·8	28·1	33·6	·180	·176	100	94	Calm 0	NNE 1	10	10	·110	⊔ ✱ (2 ins. 9a.—2p.)]
23	·253	·339	31·6	33·8	29·6	38·2	·168	·146	95	75	ENE 1	ENE 2	9	10	—	⊔
24	·392	·355	27·9	30·2	22·3	38·2	·122	·140	80	83	Calm 0	NW 1	0	5	—	⊔. ✱ p.
25	30·228	30·017	27·3	32·7	21·4	43·2	·129	·166	88	90	SE 1	NW 1	0	5	·030	≡ a. ✱ p.
26	29·790	29·787	34·9	29·8	27·6	41·4	·189	·128	94	78	NW 1	NW 1	8	2	·186	✱ before 9a. and p.
27	·894	·879	31·5	30·3	27·3	33·4	·168	·162	94	97	ESE 2	ENE 2	10	10	·058	✱ all day.
28	29·864	29·957	26·0	23·9	21·2	32·6	·137	·128	98	100	ENE 2	NNE 1	8	0	—	✱ 9a. and before.
Means	29·833	29·843	36·0	36·5	32·0	42·6	·199	·198	92·0	89·3	2·5	1·8	7·8	7·2	4·286	

Geldeston.

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

FEBRUARY 1881.

1	29·779	29·930	29·1	31·1	27·7	40·1	·161	·175	100	100	WNW 1	WSW 2	0	10	·010	≡² ⊔ 9a. ≡ ⊔ 9p.
2	·835	·715	37·0	44·3	28·1	44·6	·218	·286	99	99	SSE 3	WSW 3	10	9	·220	≡ ⌓ a.
3	·699	·581	45·0	45·5	43·1	47·3	·287	·295	96	97	SSW 2	S 5	10	10	·020	
4	·456	·373	43·5	45·9	41·0	48·5	·249	·273	88	89	SSW 3	SSW 5	10	6	·070	
5	·332	29·386	44·0	38·0	38·0	45·9	·281	·212	98	93	WSW 4	WNW 5	10	10	·180	
6	29·710	30·036	37·0	33·0	31·3	40·9	·182	·173	83	92	NNW 4	NW 2	8	4	·080	✱ before 9a., and p.
7	30·054	29·287	31·8	37·8	27·3	37·8	·166	·210	92	93	SSE 2	SSW 8	10	10	·220	✱⁰ ▲ 5p. Squally. ⟋ ● 9p.
8	28·990	·269	45·0	43·0	37·0	46·0	·255	·255	86	92	W 8	NW 5	10	8	·210	●⁰ nearly all day.
9	29·567	29·581	39·2	36·1	35·0	43·2	·203	·196	84	92	NW 5	SSE 2	10	10	·530	Ψ (no colour) 6p.
10	28·977	28·884	48·9	40·1	34·4	49·0	·322	·208	93	84	WSW 4	WSW 5	10	9	·180	⟋ in squalls. Bar. 28·791 2p.
11	29·062	29·611	35·1	34·6	32·1	40·8	·183	·167	89	83	NE 5	NW 3	10	10	·130	✱ a. ▲ p.
12	29·915	30·066	31·9	31·1	29·9	41·8	·159	·147	88	84	NNW 2	WNW 1	7	8	·020	✱ ▲ before 9a. ✱⁰ p.
13	30·080	30·001	34·0	35·2	25·0	39·9	·147	·163	75	79	SSE 1	SSE 3	3	10	—	⊔⁰ 9a. ○ (colour very faint) 9.30a.–2p.
14	29·854	29·782	36·2	38·0	34·1	40·1	·171	·175	80	76	SE 4	SSE 4	9	10	·170	▲⁰ 6p.
15	·809	·849	37·1	39·0	36·0	43·2	·215	·216	97	91	SSE 2	ESE 1	10	10	·030	○⁰ 3p.
16	·929	·951	37·9	35·2	35·0	43·1	·211	·202	93	98	N 1	NE 1	10	0	—	≡⁰ 9a. ≡⁰ ⊔ 9p.
17	29·954	29·958	31·1	38·8	28·9	46·1	·172	·220	99	94	ENE 1	E 1	0	10	·010	≡² before 9a. ⊔ ≡ 9a. Mare's tails 5p. ⌓ 9p.
18	30·025	30·138	39·9	38·0	37·8	41·9	·229	·210	94	92	E 1	ENE 2	10	10	—	≡⁰ 9a. and before.
19	·174	·170	35·4	37·9	34·9	38·6	·200	·211	96	93	ENE 2	ENE 2	10	10	—	≡⁰ 9a. and 9p. ⌓
20	·204	·251	36·0	35·3	34·3	38·7	·193	·197	91	96	ENE 3	NE 3	10	10	·010	≡⁰ 9a.
21	·281	·214	34·2	33·0	32·6	36·0	·156	·183	79	97	NE 2	N 1	10	10	·310	✱ 6p.
22	·170	·130	34·9	34·9	32·6	35·1	·185	·191	91	94	NE 2	WNW 2	10	10	·010	Cir.-s. low and soft, 9a.
23	·174	·250	33·7	34·1	30·3	39·0	·190	·193	98	98	NW 1	NNE 1	10	10	·150	≡ before 9a. ≡⁰ 9a. ✱⁰ ●⁰ (sleet) a. and after 5p.
24	·280	·264	35·2	37·0	32·8	40·8	·202	·196	98	89	NNW 1	NNE 1	10	10	—	
25	30·175	30·000	35·2	34·7	34·1	37·9	·177	·182	86	91	NNW 1	WSW 1	10	10	—	Gloomy day.
26	29·867	29·871	34·1	35·1	32·1	42·5	·171	·171	86	83	SSW 1	SE 1	10	9	·040	✱⁰ 9a. ⌓⁰ 9p.
27	·893	·812	33·9	33·0	31·9	37·8	·141	·169	73	90	E 3	NE 3	2	10	·030	Squally with ✱ 5a. △ about Noon. ✱ p.
28	29·719	29·770	32·9	26·9	23·6	40·1	·171	·115	91	79	N 2	NNW 2	9	10	·230	✱ before 9a. and p. △ p. ✱ 2½ ins. deep.
Means	29·810	29·826	36·8	36·7	32·9	41·7	·200	·200	90·1	90·6	2·5	2·7	8·5	9·0	2·860	

Observer remarks: ✢→ of January 18th still about on February 23th.

Cheltenham.

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

FEBRUARY 1881.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	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	29·808	29·860	35·8	37·0	34·0	39·0	·208	·213	99	96	Calm 0	Calm 0	10	10	·200	≡ 9a. Dull day.
2	·622	·671	41·9	47·4	36·1	50·0	·249	·296	94	91	S 4	S 2	10	10	·110	Squally before 9a.
3	·579	·415	49·6	50·1	41·6	52·0	·340	·318	96	88	S 1	S 5	10	10	·200	
4	·373	·366	49·5	45·8	39·4	51·6	·301	·281	85	92	SW 2	SW 1	9	10	·040	
5	·433	29·635	40·8	37·2	36·0	45·9	·195	·185	77	83	W 2	N 4	10	6	·010	
6	·937	30·094	33·0	23·5	23·0	38·2	·138	·059	73	45	N 1	N 1	3	0	—	⊔ a. Very fine day. Ш⁰ 9p.
7	·873	29·249	34·0	46·0	15·0	48·5	·175	·289	89	94	SE 6	W 5	10	6	·280	✱² ⟋ till noon, then ●². Fine at night.
8	·202	·505	47·8	45·5	41·1	49·0	·243	·272	73	90	W 5	NW 3	10	10	·010	
9	29·722	29·419	43·5	43·0	39·5	47·0	·232	·257	82	93	NW 1	S 1	7	10	·330	
10	28·984	28·900	46·5	41·8	39·0	49·1	·287	·229	91	87	W 1	W 2	10	9	·260	
11	29·174	29·839	35·8	36·5	32·5	42·8	·175	·169	84	78	NE 5	N 2	10	8	·010	Squally 9a. ✱⁰ ●⁰ p.
12	30·078	30·068	30·5	30·4	23·0	38·6	·133	·161	77	96	Calm 0	Calm 0	6	0	—	Very fine.
13	29·935	29·791	37·0	38·2	29·0	38·2	·166	·182	76	79	SE 1	S 6	10	10	·100	Squally p., with ✱⁰ ●.
14	·607	·620	38·0	42·7	36·0	43·3	·215	·261	94	95	SE 5	SE 2	10	10	·400	Squally a.
15	·720	·817	42·8	43·0	41·2	45·0	·260	·260	95	94	S 1	Calm 0	10	10	·060	
16	·912	·907	42·0	45·5	37·0	48·0	·254	·272	95	90	Calm 0	Calm 0	10	10	—	Fine.
17	29·915	29·928	43·3	41·6	39·8	51·0	·188	·238	67	92	E 1	S 1	6	10	·010	Very fine and sunny.
18	30·003	30·113	38·0	42·0	37·2	44·5	·223	·245	97	92	SE 1	SE 1	10	10	—	
19	·135	·163	38·4	36·5	35·2	42·0	·214	·199	93	93	NE 1	E 2	10	10	—	
20	·187	·255	37·0	34·5	33·8	37·1	·204	·185	93	93	E 1	NE 1	10	10	·480	Very dull and cold. ✱ p.
21	·290	·317	31·8	18·0	18·0	34·5	·174	·081	98	83	NW 1	E 1	10	0	·130	✱² a. 4 ins. deep.
22	·204	·194	33·1	33·2	13·5	33·8	·186	·176	99	94	N 1	N 1	10	10	·040	✱ till noon, then fine.
23	·211	·294	32·9	26·8	26·0	35·2	·179	·128	96	89	Calm 0	Calm 0	10	0	—	Fine.
24	·335	·308	29·8	32·9	23·2	37·0	·146	·181	88	97	N 1	Calm 0	2	8	—	Very bright day.
25	30·211	30·014	30·8	34·3	27·0	39·5	·156	·184	91	93	N 1	Calm 0	10	10	—	Very bright day.
26	29·829	29·789	35·4	33·2	27·0	43·6	·182	·185	88	98	S 1	E 1	6	10	·360	Very fine a. ▲ 5p., then ● ✱.
27	·865	·839	34·4	29·5	29·2	38·0	·169	·133	84	82	SE 1	Calm 0	4	1	—	Very bright day.
28	29·806	29·892	29·6	26·2	26·2	35·5	·150	·135	92	96	NE 1	Calm 0	6	0	—	Very fine bright day.
Means	29·820	29·831	38·0	37·2	31·4	42·8	·205	·206	88·1	89·0	1·6	1·5	8·5	7·4	3·030	

Carmarthen.

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

FEBRUARY 1881.

1	29·850	29·848	37·2	40·2	34·8	42·1	·218	·242	98	97	Calm 0	Calm 0	10	10	·410	≡ 9a.
2	·552	·601	46·0	46·6	38·5	48·6	·308	·316	99	99	S 1	S 4	10	10	·540	
3	·481	·305	49·5	48·9	46·0	50·9	·352	·336	99	98	S 4	SW 5	10	10	·530	
4	·328	·345	45·7	46·0	44·7	49·6	·305	·292	99	94	S 2	Calm 0	10	10	·150	
5	·525	29·813	40·4	37·1	36·4	46·5	·203	·188	81	85	NW 4	N 2	7	9	·060	▲ p.
6	·972	30·075	35·6	33·5	30·8	42·9	·152	·152	72	79	N 2	Calm 0	5	10	·400	
7	·715	29·254	38·5	42·1	32·8	49·7	·224	·239	96	90	SE 6	W 3	10	8	·670	
8	·317	·641	47·6	46·0	40·0	49·6	·235	·224	71	73	W 9	W 7	6	5	—	Squally before 9a.
9	29·763	29·355	44·3	49·7	42·0	50·2	·262	·349	90	98	W 3	W 7	10	10	·880	
10	28·972	28·892	46·2	43·7	42·0	50·4	·266	·227	86	79	SW 7	W 7	10	10	·440	Squally a. and p.
11	29·203	29·972	36·4	37·1	35·5	44·2	·192	·179	90	81	NE 6	NW 1	9	2	—	Squally before 9a.
12	30·097	30·005	34·1	33·5	28·6	43·5	·152	·143	76	74	Calm 0	NE 1	0	2	·140	⊔ 9a.
13	29·801	29·641	38·1	41·1	33·3	42·0	·215	·244	94	95	SE 3	SE 6	10	10	·330	
14	·495	·533	41·9	47·4	39·3	48·0	·253	·325	95	99	SE 5	SE 1	10	10	·690	
15	·712	·819	47·0	45·4	45·0	49·2	·323	·295	100	97	Calm 0	Calm 0	10	10	·040	
16	·889	·883	47·7	42·7	42·5	55·2	·313	·248	95	90	Calm 0	Calm 0	1	0	—	
17	·898	29·895	37·7	44·5	35·2	51·1	·212	·264	94	90	Calm 0	Calm 0	0	10	·050	⊔ 9a.
18	29·955	30·082	45·4	44·6	42·8	53·6	·283	·254	94	86	Calm 0	E 2	10	10	—	
19	30·119	·154	41·1	37·5	36·8	45·0	·236	·203	92	90	Calm 0	E 2	10	10	—	≡ 9a.
20	·172	·245	39·6	37·1	36·3	44·2	·211	·186	87	84	E 3	E 4	10	10	—	
21	·310	·349	35·4	31·4	30·5	37·4	·168	·133	81	75	E 3	E 2	9	0	—	
22	·257	·216	35·6	35·9	26·5	40·0	·152	·173	72	82	NE 3	E 1	5	10	—	⊔ 9a.
23	·237	·297	36·1	35·1	31·7	44·3	·156	·151	73	73	NE 2	E 2	2	0	—	
24	·344	·326	34·6	32·1	26·3	45·0	·134	·137	67	74	NE 2	Calm 0	0	0	—	⊔ 9a.
25	30·245	30·008	27·4	34·6	21·8	45·3	·120	·179	83	89	Calm 0	Calm 0	0	10	—	⊔ 9a.
26	29·832	29·758	33·9	33·6	30·6	43·1	·188	·180	97	93	Calm 0	Calm 0	10	10	·040	≡ 9a. ✱ 9p.
27	·823	·829	34·6	31·5	28·5	39·1	·148	·147	73	82	E 2	E 2	10	10	—	
28	29·823	29·963	33·1	27·9	27·2	36·6	·128	·143	68	94	E 1	Calm 0	0	0	·010	
Means	29·810	29·825	39·7	39·5	35·2	46·0	·218	·220	86·5	87·1	2·4	2·1	6·9	7·4	5·380	

MARLBOROUGH.

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

FEBRUARY 1881.

Day.	Barometer at 32° and M. S. L. 9 a.m.	Barometer 9 p.m.	Air Temperature. 9 a.m.	Air Temp. 9 p.m.	Min.	Max.	Tension of Vapour. 9 a.m.	Tension 9 p.m.	Relative Humidity. 9 a.m.	Humidity 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	29·850	29·950	34·0	36·9	33·9	40·5	·196	·218	100	99	Calm 0	Calm 0	10	10	·160	a.
2	·683	·725	41·1	46·8	35·9	49·7	·249	·309	97	97	S 1	S 1	10	10	·390	
3	·635	·484	47·0	47·0	45·4	49·8	·318	·305	99	95	S 1	S 1	10	10	·310	a.
4	·427	·416	46·9	43·9	43·2	49·6	·306	·271	96	95	S 1	SW 2	10	10	·100	
5	·467	29·635	38·7	37·1	37·1	43·9	·213	·188	91	85	NW 1	NW 1	7	9	—	
6	·960	30·130	31·8	27·6	27·6	40·9	·135	·125	75	85	N 1	Calm 0	2	2	—	
7	·962	29·302	33·9	45·7	25·1	46·8	·159	·280	81	92	SW 2	NW 3	10	9	·520	✳⁰ a. and p. ● 2.30p.
8	·274	·533	44·7	44·7	35·7	47·5	·249	·231	84	78	W 7	NW 2	9	10	·010	a.
9	·764	29·472	41·3	42·5	40·3	48·7	·222	·256	86	94	NW 1	NW 1	10	10	·930	
10	·040	28·959	47·0	39·4	36·0	47·7	·309	·223	97	93	NW 2	NW 4	10	10	·370	till 0.30p.
11	29·102	29·852	38·9	33·1	32·2	39·7	·218	·166	93	88	N 3	N 2	10	8	—	✳⁰ 1.30p.
12	30·102	30·106	30·2	30·0	28·1	42·1	·130	·145	77	86	Calm 0	Calm 0	0	0	—	a. Very fine day. ☋ 9p.
13	30·002	29·863	34·7	37·1	28·5	38·5	·158	·183	77	83	S 1	S 3	10	10	·070	✳⁰
14	29·677	·668	37·2	41·7	35·3	42·2	·212	·259	95	98	S 2	S 1	10	10	·460	● all day.
15	·763	·840	39·1	39·6	38·5	43·8	·231	·229	97	94	S 1	Calm 0	10	4	·090	
16	·941	·922	35·2	41·7	31·2	49·3	·205	·246	100	93	Calm 0	Calm 0	10	0	—	a.
17	29·952	29·954	33·8	39·3	31·6	42·4	·194	·238	100	99	N 1	Calm 0	10	10	·010	all day.
18	30·033	30·119	39·8	42·1	38·9	46·4	·243	·250	99	93	Calm 0	Calm 0	10	10	—	all day.
19	·150	·172	38·9	34·5	34·2	42·9	·231	·197	98	99	E 1	NE 1	10	10	—	p.
20	·189	·235	36·0	34·1	34·1	37·3	·209	·190	99	97	NE 1	E 1	10	10	·200	a.
21	·287	·311	32·4	27·8	27·8	34·1	·174	·152	96	100	NE 1	Calm 0	10	0	—	✳ ▲ before 9a. ✳ 9a.
22	·220	·193	29·6	32·8	24·4	33·6	·147	·171	90	92	Calm 0	Calm 0	9	10	·030	✳⁰ p.
23	·221	·294	30·7	32·8	30·2	34·4	·156	·169	91	91	NE 1	Calm 0	10	10	·020	✳⁰ p.
24	·330	·318	32·3	33·9	30·7	37·6	·165	·172	91	88	Calm 0	NE 1	9	10	—	
25	30·221	30·044	33·1	31·3	29·7	38·0	·154	·145	86	82	NE 1	Calm 0	10	9	—	
26	29·871	29·815	34·8	35·3	29·3	43·1	·163	·181	80	88	Calm 0	S 1	9	10	—	
27	·861	·842	33·8	30·5	30·5	37·9	·154	·151	79	89	E 1	Calm 0	8	0	—	
28	29·802	29·907	27·6	26·4	25·0	34·8	·144	·119	96	85	E 1	Calm 0	6	0	—	
Means	29·850	29·859	36·6	37·0	32·9	42·3	·202	·206	91·1	91·4	1·1	0·9	8·9	7·5	3·670	

STRATHFIELD TURGISS.

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

FEBRUARY 1881.

1	29·846	29·938	34·0	36·3	33·9	39·0	·187	·206	96	96	SW 1	SE 1	10	10	·120	a. and p.
2	·701	·741	41·9	47·7	34·9	51·6	·256	·313	96	95	SE 4–3	SW 3–2	10	10	·217	Squally 9a.
3	·657	·507	48·7	49·8	46·8	53·3	·331	·348	96	97	S 2	SE 1	10	10	·113	
4	·442	·420	47·3	44·8	43·1	50·1	·302	·252	93	85	SW 1	SW 4–3	10	10	·011	
5	·455	29·669	41·6	38·4	37·6	44·8	·219	·199	84	86	W 3	NW 3–4	8	10	—	Squally 9p.
6	29·907	30·119	33·7	27·8	27·2	39·8	·159	·126	82	84	N 2	N 1	0	0	—	
7	30·014	29·336	35·4	46·2	23·4	46·3	·136	·294	66	95	E 3–4	S 3–2	10	9	·594	✳ 9a. p.
8	29·255	·458	47·7	45·6	41·3	48·8	·251	·231	76	76	SW 7–5	NW 5–3	9	8	—	Squally a. and p.
9	29·751	29·512	43·2	41·9	41·8	47·7	·220	·257	79	97	W 3	SE 3	9	10	·515	
10	28·969	28·996	48·7	40·2	38·8	49·2	·313	·205	92	83	W 3–4	W 5–3	10	10	·142	Squally with ● a. and p.
11	29·078	29·776	39·3	34·6	33·9	40·6	·208	·149	88	74	NE 3–4	NW 3–4	10	0	—	Squally a. and p.
12	30·060	30·101	33·7	28·4	28·3	41·4	·140	·140	72	91	N 3	Calm 0	0	0	—	Squally a. 9p.
13	30·033	29·897	34·0	37·7	25·3	41·8	·162	·161	82	71	S 1	SE 5–4	10	10	—	a. ✳. Squally p.
14	29·734	·693	37·3	41·3	36·2	41·4	·201	·253	91	98	SE 4–3	SE 0–1	10	10	·467	
15	·781	·849	38·7	35·8	35·2	44·8	·223	·199	95	96	SE 0–1	SE 1–0	10	2	·068	9p.
16	·943	·935	32·7	38·2	28·9	45·9	·182	·220	98	96	Calm 0	SE 1	10	0	—	a. and p.
17	29·938	29·952	35·4	37·0	29·4	40·8	·200	·216	97	98	Calm 0	Calm 0	10	10	·002	a. and p.
18	30·029	30·104	41·8	42·7	37·0	46·6	·254	·256	95	93	S 1	S 1	10	10	—	9a. and before.
19	·150	·157	38·3	36·3	36·2	44·7	·214	·204	93	95	SE 1	NE 1	10	10	—	9a. and p.
20	·183	·223	37·8	36·1	35·5	38·9	·211	·196	93	93	NE 2	NE 3	10	10	—	9a.
21	·272	·282	34·4	30·9	30·2	36·5	·179	·146	89	83	NE 3	NE 2	10	0	—	✳⁰ a.
22	·207	·171	31·4	34·2	27·0	35·1	·153	·188	87	96	NW 1	NE 1	6	10	—	✳⁰ ●⁰ a.
23	·217	·270	32·0	34·9	31·9	34·9	·153	·185	85	92	NE 3	NE 1	10	10	·051	
24	·307	·296	35·7	35·8	33·5	40·2	·165	·176	78	84	NE 3	NE 2	10	10	—	
25	30·205	30·048	35·0	28·6	28·4	38·0	·166	·142	80	91	NE 1	NE 1	10	0	—	
26	29·884	29·838	33·9	33·6	26·5	43·8	·157	·176	80	91	NE 1	SE 2	6	8	—	
27	·857	·832	34·9	28·7	28·6	39·3	·165	·137	80	87	E 2	NE 2	7	0	—	
28	29·780	29·881	30·7	28·5	23·4	35·5	·134	·139	78	89	N 3	NE 2	9	0	—	9a.
Means	29·845	29·857	37·8	37·2	33·0	42·9	·202	·204	86·5	89·7	2·2	1·9	8·7	6·7	2·300	

RAMSGATE.

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

FEBRUARY 1881.

Day.	Barometer at 32° and M. S. L. 9 a.m.	Barometer 9 p.m.	Air Temperature. 9 a.m.	Air Temp. 9 p.m.	Min.	Max.	Tension of Vapour. 9 a.m.	Tension 9 p.m.	Relative Humidity. 9 a.m.	Humidity 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	29·841	29·990	32·5	31·0	30·0	44·3	·177	·174	96	100	NW 1	Calm 0	7	10	·020	from 2p.
2	·864	·830	40·8	44·0	30·7	44·5	·208	·280	82	98	S 4	S 4	10	10	·020	
3	·762	·617	44·2	48·0	32·7	48·4	·286	·236	98	71	S 3	S 4	10	3	·010	
4	·534	·487	44·0	44·8	38·2	48·3	·256	·269	89	91	SW 3	SW 3	5	10	·040	
5	·437	29·494	43·8	40·0	39·5	46·4	·268	·217	94	88	SW 4	SW 5	5	10	·020	Squally before 9a.
6	29·811	30·095	35·8	34·5	33·6	41·2	·176	·166	84	83	NW 3	NW 1	10	0	·020	✳ p.
7	30·110	29·390	36·6	39·0	28·0	39·3	·179	·238	83	100	SW 5	SW 9	10	10	·140	Squally p.
8	29·190	·393	48·7	44·6	38·5	50·4	·241	·230	70	78	SW 7	SW 7	10	10	·030	Squally a. and p.
9	·693	·548	41·8	38·5	37·8	45·3	·208	·219	79	94	W 4	SW 5	3	10	·240	
10	·098	·007	49·0	40·7	38·1	49·7	·327	·215	94	85	SW 8	SW 6	10	5	·090	Squally a. and p. ☋ 9p.
11	30·030	29·698	41·2	35·2	33·0	41·8	·237	·178	92	86	SW 1	NE 4	10	7	·020	Squally p.
12	29·972	30·167	33·1	33·5	31·5	40·1	·166	·163	88	85	NW 3	Calm 0	5	3	·020	
13	30·018	30·018	36·8	35·8	27·2	38·7	·170	·172	78	82	S 3	SW 7	9	10	—	Squally 9p.
14	29·867	29·799	35·5	36·5	34·1	38·3	·166	·198	80	92	SE 6	SW 2	10	10	·210	
15	·833	·868	37·5	38·2	31·0	40·8	·220	·208	98	91	SE 1	Calm 0	10	3	·020	
16	·940	·958	38·2	40·2	32·2	48·8	·226	·240	98	96	NW 1	Calm 0	0	0	·020	Hard frost on ground.
17	29·947	29·974	36·7	38·5	36·5	44·5	·218	·233	100	100	NE 1	Calm 0	5	0	·020	⁰ (mist) early a. Bright day.
18	30·052	30·145	41·0	40·0	36·2	45·6	·252	·245	98	99	NE 1	NE 1	10	10	—	⁰ (mist) early a. and p.
19	·114	·145	40·0	40·0	38·6	42·2	·242	·247	98	100	NE 1	SW 1	10	10	·010	● ⁰ (mist) all day.
20	·186	·216	40·5	39·3	38·5	41·3	·247	·230	98	96	NE 1	NE 2	10	10	·120	
21	·264	·232	35·5	34·0	33·2	40·3	·201	·191	97	98	NE 2	NE 2	10	10	·340	● all day.
22	·174	·184	35·0	33·6	33·0	39·3	·204	·190	100	99	NE 2	NE 1	10	10	·180	
23	·191	·240	35·9	38·0	33·6	38·7	·200	·218	96	96	NE 1	NE 2	10	10	·040	
24	·280	·278	37·5	36·5	32·0	39·0	·218	·170	97	79	NE 2	NE 2	10	10	·050	●⁰ till 3p.
25	30·166	30·042	36·8	36·0	35·0	39·3	·181	·192	83	91	NE 1	Calm 0	10	10	·020	✳ ● (sleet) 1p.
26	29·882	29·839	35·0	36·2	33·1	42·5	·180	·172	88	81	Calm 0	E 4	7	10	—	Bright all day.
27	·839	·767	36·2	34·5	31·5	37·7	·165	·182	78	91	E 4	E 1	10	3	·070	✳⁰ 9a. and p.
28	29·725	29·869	32·8	31·0	30·5	38·7	·169	·107	91	62	NE 1	E 5	10	2	·010	✳⁰ n.
Means	29·854	29·868	38·7	37·9	33·9	42·7	·214	·206	90·3	89·7	2·6	2·8	8·4	7·4	1·780	

SOUTHAMPTON.

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

FEBRUARY 1881.

1	29·849	29·948	34·8	37·1	33·8	40·4	·200	·221	99	100	NW 1	S 1	10	10	·182	more or less all day.
2	·716	·754	44·0	47·7	36·3	50·3	·281	·318	98	96	S 3·5	SW 3	10	10	·206	before 9a.
3	·664	·493	49·1	49·4	46·3	52·0	·342	·327	98	93	S 4	SSE 3·5	10	10	·250	
4	·461	·458	47·6	45·8	44·1	50·6	·317	·289	97	94	SW 2·5	SW 3	9	10	·033	
5	·491	29·637	41·9	39·9	38·9	47·1	·216	·200	82	81	W 3·5	NW 3·5	3	10	—	
6	29·953	30·124	34·9	29·3	29·2	41·9	·149	·140	73	87	NW 3	NW 0·5	1	1	—	9p.
7	30·018	29·362	37·7	47·6	26·6	48·4	·162	·303	71	93	SE 4·5	WSW 6·5	10	10	·608	a. ✳⁰ 10a. ● ✳ 11a. 1.30p., then ● till 8p. (force 6–8) all day. 11a. (force 7–9) all day.
8	29·353	·549	48·6	46·7	42·3	50·6	·250	·240	73	76	NW 7·5	NW 6	9	10	—	
9	·783	·508	44·8	43·0	42·0	49·9	·241	·285	81	99	W 3	S 1·5	9	10	·575	● from 1p.
10	·108	·012	49·6	42·7	40·3	50·2	·335	·236	95	85	SW 4·5	SW 5	10	10	·225	(force 7), n. ●² ▲² ² 1p.–2p.
11	29·070	29·852	40·9	35·0	33·6	43·7	·236	·153	93	74	N 4	NW 4	9	0	—	
12	30·080	30·104	34·1	31·2	30·3	44·1	·139	·151	71	86	NW 3	Calm 0	0	0	—	⁰ 9a. ⁰ ⁰ 9p.
13	30·019	29·889	38·2	40·0	27·8	41·5	·169	·203	73	82	SSE 3·5	SSE 4·5	10	10	·075	⁰ (mist) 9a. ✳⁰ 1p.
14	29·708	·687	39·0	43·1	37·2	43·2	·234	·274	98	98	SE 4	SSE 3	10	10	·915	● all day.
15	·768	·845	39·6	37·0	36·5	46·1	·235	·206	97	94	SE 3	SE 1	10	1	·025	● till 11a.
16	·932	·913	38·0	38·7	31·3	51·7	·204	·225	89	96	NE 0·5	Calm 0	0	0	—	⁰ 9a. 9p.
17	29·934	29·943	35·4	42·8	32·8	45·3	·204	·275	98	100	NE 2	SE 1·5	10	10	·002	⁰ a. and p.
18	30·025	30·096	39·8	43·0	38·0	47·5	·245	·275	100	99	SE 1	Calm 0	10	10	—	nearly all day, heavy at times.
19	·133	·129	41·3	37·6	37·2	43·6	·245	·213	95	95	NE 2·5	NE 4	10	10	—	
20	·160	·197	39·8	37·1	36·9	41·8	·228	·205	94	93	NE 2	NE 4	10	10	·022	⁰ 9a.
21	·254	·272	35·3	32·2	31·8	38·2	·195	·155	94	85	NE 3	N 2·5	10	0	·179	● early a. ✳² 8.30a.–2.30p.
22	·212	·162	30·7	34·8	26·3	40·1	·148	·184	87	91	N 2	NE 3·5	9	5	—	9a.
23	·194	·249	33·6	35·0	32·1	35·5	·160	·188	85	92	NE 3	NE 3	10	10	·100	✳ a. and p.
24	·287	·288	36·1	35·2	34·2	42·5	·178	·167	83	81	NE 3·5	NE 2	10	9	—	
25	30·199	30·033	35·5	30·0	29·6	39·1	·168	·145	81	86	NE 3	NE 1	10	0	—	⁰ ⁰ (mist) 9p.
26	29·900	29·834	32·2	34·8	27·9	44·6	·165	·184	90	91	NW 0·5	SE 1·5	9	10	—	9a. 9p.
27	·861	·819	37·8	30·5	30·2	43·2	·169	·152	74	90	ENE 2·5	NNE 2	8	0	—	
28	29·782	29·893	30·2	28·8	26·1	36·0	·168	·122	100	78	NNE 2·5	NW 2	2	0	—	9a. ✳⁰ 4.20p.
Means	29·854	29·859	38·9	38·5	34·3	44·6	·214	·216	88·2	89·8	2·9	2·6	8·1	6·6	3·397	

NOTE.—Thermometers and rain-gauge removed to another part of the grounds on February 2nd.

St. Leonards.

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

FEBRUARY 1881.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	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	29·821	29·984	38·8	36·9	32·9	49·5	·227	·215	96	98	N 2	WSW 1	1	10	·045	⌴⁰ 9a. ≋² ●⁰ in evening. Temp. rising after 9p.
2	·832	·816	41·6	44·6	36·9	44·9	·242	·282	93	96	S 5	SW 4	10	8	·073	⟋ (force 6) a.
3	·750	·583	45·1	45·6	43·1	46·9	·293	·286	97	94	S 4	SSE 4	10	9	·006	
4	·504	·494	44·2	43·7	43·4	46·4	·270	·265	93	92	SSW 2	SSW 4	10	10	·043	
5	·453	29·528	44·5	39·8	38·8	46·3	·264	·209	90	86	WSW 2	WNW 4	10	10	—	
6	29·844	30·105	35·5	34·0	32·3	41·0	·159	·148	76	76	NW 4	N 3	6	0	—	
7	30·095	29·411	38·1	40·7	29·6	40·7	·169	·251	73	97	S 5	S 10	9	10	·330	
8	29·289	·455	46·4	45·7	40·4	50·0	·253	·241	81	79	W 8	WNW 5	9	5	—	⟋ (gale) from noon with ✱ ● (sleet). Wind moderating after 10p.
9	·728	·569	42·6	42·1	39·2	47·4	·231	·259	85	97	WNW 4	S 2	6	10	·451	ꓘ △ ● Midt.—2.30a. ⟋ (gale) n., and during day.
10	29·147	·031	46·2	40·8	40·8	47·3	·310	·214	100	84	SW 7	W 6	10	3	·200	⟋ (gale) in past n. Squally p. ⟋² (violent gale) Midt.
11	28·990	29·740	41·7	34·5	33·7	44·4	·251	·162	95	81	N 1	NNW 3	10	0	·021	✱⁰ showers till 2p. ⟋ (force 6) 11a.—4p.
12	30·007	30·105	32·8	34·6	30·7	40·3	·141	·161	76	80	NW 2	NW 1	0	8	—	⌴⁰ 9a. and 9p. ✱⁰ 10a.
13	30·082	29·982	38·3	37·6	31·9	39·5	·152	·172	65	77	SSE 3	SSE 5	8	10	—	⟋ (moderate gale) 10p.—Midt.
14	29·814	·779	38·2	38·6	36·8	39·2	·166	·217	72	93	SE 4	SSE 4	10	10	·350	⟋ n.
15	·803	·849	39·0	40·5	38·0	42·2	·203	·217	86	86	ESE 2	SE 1	10	5	·010	Ɯ⁰ at night.
16	·922	·921	40·7	39·8	34·8	50·0	·220	·223	87	92	NE 1	NE 2	0	0	·007	⌴⁰ ⌓⁰ a. Fine day. ⌓⁰ Ɯ p.
17	29·930	29·966	39·6	43·9	37·8	47·5	·235	·270	97	95	ENE 2	E 1	9	0	·013	⌓ 9a. ≋⁰ till Noon. ≋⁰ ⌓ p.
18	30·034	30·113	42·5	40·6	39·8	47·3	·268	·247	98	97	E 1	NE 1	10	10	—	⌓ 9a. ≋ all day.
19	·121	·106	39·6	40·2	38·7	42·0	·238	·239	97	96	NE 3	NE 3	10	9	·015	≋⁰ and ● showers p.
20	·143	·167	41·2	38·6	38·6	43·5	·248	·226	97	97	ENE 2	NE 4	10	10	—	
21	·208	·228	36·8	33·4	33·4	38·6	·199	·171	92	89	NE 3	NE 3	10	10	·024	● ✱⁰ △ 2p.—4p.
22	·177	·130	33·1	36·5	30·8	38·5	·167	·204	88	95	N 2	NNE 3	9	10	·078	
23	·167	·212	34·5	36·9	33·2	37·0	·184	·200	92	92	NNE 3	NNE 3	10	10	·190	
24	·263	·256	35·3	36·2	34·3	38·6	·197	·182	96	86	NNE 3	NE 2	10	9	·026	△ p.
25	30·165	30·031	36·0	35·5	34·4	40·7	·168	·172	79	83	NNE 3	NNE 2	9	10	—	
26	29·891	29·860	34·6	34·7	30·8	43·0	·151	·160	75	79	N 1	ENE 1	8	1	·017	⌴⁰ early a.
27	·834	·779	36·6	31·6	31·4	43·1	·155	·164	71	92	NNE 2	N 2	4	0	·013	✱⁰ early a., and till 4p. ⌴ 9p.
28	29·733	29·837	31·4	29·1	29·1	38·8	·157	·112	89	71	NNW 2	NNW 3	10	0	—	⌴ 9a. ✱⁰ p.
Means	29·848	29·858	39·1	38·5	35·6	43·4	·211	·210	87·0	88·6	3·0	3·1	8·1	6·7	1·912	

Dartmoor.

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

FEBRUARY 1881.

1	29·879	29·900	38·9	36·9	31·0	44·0	·229	·211	97	97	NW 1	S 1	10	10	·620	
2	·637	·705	42·5	42·5	36·9	42·5	·272	·272	100	100	W 4	W 5	10	10	—	≋ 9a. and before.
3	·509	·381	45·0	46·0	40·0	47·2	·299	·311	100	100	S 3	S 2	10	10	1·730	
4	·423	·477	43·0	40·9	40·0	46·0	·277	·256	100	100	S 2	WSW 5	10	10	·360	
5	·613	29·795	35·4	33·0	32·0	41·0	·196	·167	95	89	NW 2	N 2	7	1	·060	✱ ▲ p.
6	·976	30·128	31·0	32·0	29·0	35·2	—	·181	—	100	N 1	Calm 0	5	10	·380	✱ before 9a.
7	·828	29·560	38·0	36·0	31·0	46·0	·229	·212	100	100	S 6	W 5	10	10	1·460	ꓘ² 7p.—7.30p. ▲ p.
8	·536	·778	42·5	41·5	36·0	43·0	·218	·220	81	85	NW 8	NW 6	10	10	·470	
9	·880	·424	40·2	43·0	38·0	44·0	·242	·277	97	100	SW 2	SW 2	10	10	1·970	
10	·154	·180	40·5	42·0	36·0	47·0	·238	·267	95	100	SW 2	SW 3	10	10	·540	
11	29·255	29·967	37·2	30·2	30·0	44·0	·218	—	98	—	SW 2	Calm 0	10	0	·110	▲ ✱ ● p.
12	30·139	30·120	32·5	33·0	29·0	39·0	·171	·167	94	89	N 1	Calm 0	4	10	—	
13	29·888	29·739	35·9	38·0	33·0	40·0	·203	·229	97	100	S 1	SE 3	10	10	1·100	
14	·552	·583	41·0	45·2	37·0	47·0	·257	·302	100	100	SE 2	S 3	10	10	2·070	
15	·712	·881	40·5	34·5	34·0	45·5	·252	·199	100	100	SW 3	Calm 0	10	2	·030	
16	·946	·898	32·5	37·5	32·0	45·0	·184	·225	100	100	Calm 0	N 1	10	10	·020	
17	·917	29·928	39·2	40·0	35·0	43·0	·239	·247	100	100	NE 1	NE 1	10	10	·110	≋ p.
18	29·965	30·069	40·5	39·2	39·0	42·0	·252	·239	100	100	SE 2	NE 3	10	10	·020	≋ a. and p.
19	30·096	·130	36·9	35·0	35·0	39·5	·219	·204	100	100	SE 4	E 3	10	10	·010	≋ a. and p.
20	·145	·207	34·9	33·0	33·0	36·0	·203	·188	100	100	E 2	ENE 3	10	10	—	≋ a. and p.
21	·260	·325	30·5	27·0	27·0	34·0	·170	·147	100	100	E 4	E 2	10	3	—	≋ a. and p.
22	·221	·182	28·0	30·2	24·0	31·0	—	—	—	—	E 2	E 4	10	10	—	
23	·184	·263	28·2	28·0	27·0	32·5	—	—	—	—	E 6	E 2	10	1	—	
24	·290	·297	29·4	27·5	27·0	35·0	—	—	—	—	E 3	E 3	9	0	—	
25	30·196	30·077	29·5	27·0	25·0	35·0	—	—	—	—	E 2	Calm 0	7	0	—	
26	29·873	29·830	31·9	28·5	25·0	36·0	—	—	—	—	Calm 0	Calm 0	10	0	·120	✱ 9a. and p.
27	·841	·824	26·0	28·5	20·0	31·5	·141	—	100	—	E 2	NE 1	10	0	·050	✱ a. and p.
28	29·818	29·990	24·5	20·0	20·0	29·0	·132	—	100	—	Calm 0	Calm 0	4	0	—	
Means	29·848	29·880	35·6	34·9	31·5	40·0	—	—	—	—	2·4	2·1	9·1	6·7	11·230	

Babbacombe.

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

FEBRUARY 1881.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	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	29·851	29·887	38·8	42·7	36·7	51·2	·230	·263	98	96	WSW 1	S 2	10	10	·480	≋ n. ≋⁰ a. ○⁰ 3.15p. ⌓² a. and p.
2	·631	·694	49·1	48·9	42·4	50·9	·328	·328	94	95	SW 5	SW 4	10	10	·290	≋⁰ (mist) a.
3	·553	·396	48·5	47·3	47·0	49·5	·336	·319	99	98	S 4	S 4	10	10	·330	≋ till 10a. ≋⁰ Midnt.
4	·409	·459	46·8	44·3	44·0	50·3	·307	·264	96	91	SW 3	W 5	10	7	·120	≋⁰ n.
5	·570	29·747	42·6	38·3	38·0	45·8	·204	·172	75	74	NW 3	NW 3	3	7	·010	Squally a. ● ✱ 10.8p. (⊹ of Jan. 18, thawed at last.)
6	·989	30·118	36·7	34·8	32·8	43·9	·154	·154	71	75	NNW 2	Calm 0	6	10	·050	⌴ a. and p. ≋⁰ (mist) p.
7	·844	29·395	40·3	47·0	34·3	49·9	·235	·272	95	85	SSE 6	WSW 6	10	9	·690	● 7.30a.—7p. ▲ Ɯ⁰ p. < after 9p. ꓘ 9.15p.—10p.
8	·479	·698	48·2	45·9	40·8	50·7	·233	·218	70	72	W 8	NW 7	9	3	·010	< in NNE. 0.2a. ▲ 4p. Squally ⟋.
9	·826	·505	45·9	49·9	44·0	50·3	·263	·339	86	95	W 2	WSW 6	10	10	·530	≋⁰ 4p.—4.15p.
10	·110	·035	47·2	42·8	39·7	50·0	·307	·203	96	73	WSW 6	W 6	10	7	·240	▲ showers p. ꓘ 7.12p.—7.25p.
11	29·191	29·948	41·8	33·7	33·2	44·0	·233	·143	88	74	NNW 4	NNW 2	10	2	·030	✱⁰ 11.40a.—4.10p. ⌴ p.
12	30·115	30·059	40·3	36·9	31·7	43·8	·184	·181	73	83	NNE 2	SSE 3	1	9	·020	⌴ till 9a. ⌴⁰ p. ○ 2.30p.—4.15p. Ɯ⁰ 7p.
13	29·908	29·741	39·8	42·0	36·9	43·0	·226	·229	93	86	SSE 5	SSE 5	10	10	·600	
14	·538	·586	44·7	47·1	40·6	48·7	·294	·324	99	100	S 4	S 4	10	10	740	≋ a. and p.
15	·710	·830	43·5	41·8	41·8	47·4	·278	·240	98	92	ESE 2	E 2	10	1	·010	≋ a. ⌓ p.
16	·900	·884	42·4	42·9	35·5	47·6	·244	·272	91	99	NNE 1	E 2	1	10	—	⌓² till 10a. and after 6p. ≋⁰ (mist) a. and p.
17	·901	29·898	40·9	44·2	40·8	44·3	·240	·288	95	99	ENE 2	SE 2	10	10	·090	≋ p.
18	29·966	30·059	43·1	42·6	42·2	44·8	·278	·271	100	99	E 2	E 3	10	10	—	≋ a. and p., heavy at times.
19	30·098	·111	41·1	38·8	38·8	42·7	·238	·236	93	100	E 4	ENE 4	10	10	—	≋ n. ≋⁰ 8.15p.—10.45p.
20	·137	·181	38·7	38·0	37·1	40·4	·225	·213	96	93	NE 4	NE 5	10	10	·010	≋ p.
21	·242	·288	35·7	33·8	33·8	38·3	·184	·140	88	72	NE 3	NE 3	10	6	—	
22	·215	·163	31·6	35·3	28·4	39·5	·143	·175	80	85	NNE 1	NNE 3	10	10	—	≋⁰ (mist) a. ⌴ till 10a.
23	·177	·245	32·9	35·1	32·7	37·3	·148	·170	79	82	NE 4	NNE 3	10	10	—	✱ showers 11.30a.—2.8p.
24	·283	·272	35·4	36·5	33·2	38·9	·162	·162	78	76	NE 3	NE 4	9	9	—	
25	30·182	30·040	35·4	28·8	28·8	39·4	·147	·135	71	86	ENE 4	WNW 1	10	0	—	⌴ after 6p. ≋⁰ (mist) p.
26	29·869	29·791	37·2	34·9	26·1	43·6	·180	·188	81	93	WSW 1	Calm 0	7	8	·060	⌴ till 9a. ≋⁰ (mist) a. and p.
27	·805	·796	32·0	33·6	27·1	35·5	·176	·178	97	92	W 1	ENE 4	10	10	·350	✱² a. and p. (3½ ins. deep 6p.), ≋ p.
28	29·798	29·940	31·2	27·4	26·2	36·8	·146	·094	83	65	NNE 3	NNW 2	1	0	—	Fine day, snow thawing. ⌴⁰ after 8p.
Means	29·832	29·849	40·4	39·8	36·2	44·6	·226	·220	88·0	86·8	3·2	3·4	8·5	7·8	4·660	

St. Aubin's, Jersey.

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

FEBRUARY 1881.

1	29·871	29·996	49·4	42·2	39·9	53·1	·293	·267	84	99	N 1	SE 2	1	0	·230	⌓ a. and p. ≋ 4p.
2	·817	·857	45·4	47·2	41·2	52·6	·296	·298	98	93	SSW 3	SW 3	10	10	·060	
3	·746	·528	46·4	48·0	45·0	50·0	·306	·285	97	86	SbyE 2	S 2	10	10	·065	
4	·565	·639	47·3	46·0	45·1	50·9	·297	·269	92	87	SW 3	W 5	10	8	·140	
5	29·617	29·789	46·8	43·0	41·9	50·2	·241	·183	76	66	NW 2	NW 3	4	4	·005	
6	30·023	30·182	40·8	34·4	33·8	44·8	·168	·151	66	76	NW 2	N 1	9	4	·007	▲⁰ n. and a. Very fine day. Cold p. Ɯ
7	30·092	29·637	36·2	50·0	34·2	50·0	·189	·334	89	93	SbyE 6	WSW 7	10	10	·485	✱⁰ 8.40a. < 8.40p. Squally ⟋ p.
8	29·692	·819	49·3	48·3	45·3	52·4	·275	·265	78	78	W 4	W by N 5	3	10	·027	Squally. January ⊹ finally disappeared.
9	·939	·729	47·5	48·3	44·0	49·0	·294	·339	90	100	WbyN 2	W 4	10	10	·260	Squally ⟋ at night.
10	·383	·288	48·7	45·8	40·0	50·0	·328	·245	96	80	WSW 7	W 7	10	8	·300	⟋ (gale) a. and p. ▲ 7.30p.
11	29·226	29·943	45·2	38·7	37·7	46·2	·224	·148	75	62	NW 5	N 3	10	7	·039	Squally a. Bar. 29·165 7a. Ɯ p.
12	30·132	30·161	41·3	35·3	34·0	44·8	·162	·158	63	77	N 2	Calm 0	5	3	—	Extremely fine day. Low ≋⁰ 8p. ⌴ p.
13	30·052	29·905	39·0	40·4	34·0	41·2	·169	·185	72	74	S 5	S by E 7	10	10	·110	⟋ all day. Sunless and cold. ▲ 3p.
14	29·720	·709	40·4	43·0	36·8	43·2	·244	·266	98	96	SSE 5	SE 3	10	10	·430	● ⟋ all day.
15	·727	·831	43·0	46·2	41·0	50·0	·238	·263	86	85	E 3	Calm 0	5	1	·006	●⁰ a. Very fine p. ⌓⁰ p.
16	·900	·905	45·3	46·7	40·9	51·7	·257	·279	85	88	EbyN 1	Calm 0	8	7	·094	⌓ a. Day very fine. ⌓⁰ p.
17	29·937	29·956	45·4	44·5	43·2	47·0	·298	·283	98	97	SE 1	Calm 0	10	1	·044	≋ a. Very fine from 3p. ⌓ p.
18	30·003	30·062	47·3	45·3	42·0	49·8	·299	·261	92	87	SE 1	NE 2	1	1	·005	⌓ a. and p. ≋ at times.
19	·074	·079	43·2	43·0	41·3	45·7	·271	·273	96	98	E 2	E 3	10	10	·003	≋ a. ≋⁰ p.
20	·103	·143	43·5	43·3	42·0	44·0	·278	·265	98	95	ENE 2	NE 2	10	10	—	≋⁰ all day.
21	·198	·240	43·8	40·2	39·0	44·1	·266	·213	93	86	NE 2	NE 2	10	10	—	≋⁰ a. and p. Sunless. Cold breeze.
22	·195	·148	37·6	39·1	36·8	40·2	·184	·215	81	90	NE 2	NE 2	10	10	·433	Gloomy and cold.
23	·117	·178	41·0	42·1	37·3	42·1	·246	·259	96	97	NE 3	NE 2	10	10	·890	● n. and nearly all day.
24	·225	·230	41·6	40·5	39·8	42·7	·257	·235	97	94	NE 2	NE 3	10	10	·003	Gloomy and cold,
25	30·157	30·041	39·3	38·7	37·5	40·9	·206	·186	86	80	NE 3	NE 2	10	10	—	
26	29·924	29·873	39·3	35·7	34·8	43·8	·174	·163	73	78	E 1	SE 1	10	0	—	Very fine p. ⌴⁰ p.
27	·845	·813	39·6	36·5	31·8	41·8	·161	·151	67	69	E 1	NE 2	0	0	—	⌴ a. Extremely fine but cold.
28	29·763	29·926	38·2	36·2	33·8	41·8	·158	·140	68	65	NE 2	NE 2	7	8	—	Fine, but with cold breeze.
Means	29·894	29·915	43·3	42·5	39·1	46·6	·242	·235	85·4	84·9	2·7	2·7	8·0	6·9	3·636	

Londonderry.

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

FEBRUARY 1881.

Day.	Barometer at 32° and M. S. L. 9 a.m.	9 p.m.	Air Temperature. 9 a.m.	9 p.m.	Min.	Max.	Tension of Vapour. 9 a.m.	9 p.m.	Relative Humidity. 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	29·738	29·769	33·8	31·2	30·0	41·8	·182	·160	93	91	SW 2	Calm 0	3	0	·010	
2	·525	·393	36·7	45·6	29·6	45·8	·204	·291	94	95	E 2	SSW 1	10	10	·200	≋^{0} (mist) 9a. and p.
3	·285	·176	47·7	43·3	41·5	50·1	·312	·275	94	99	SE 2	Calm 0	10	10	·580	
4	·199	·255	43·7	39·7	39·0	47·6	·281	·209	98	85	WSW 1	W 2	10	10	·070	
5	29·586	·893	38·7	36·7	34·0	41·0	·176	·170	75	78	NNW 3	N 2	6	6	·010	Ʊ p.
6	30·006	29·917	30·0	35·7	27·8	40·0	·138	·158	82	75	SE 1	SW 2	10	10	·400	● ↗ at night.
7	29·176	28·875	42·9	40·9	34·0	51·0	·255	·231	92	91	S 4	W 3	10	5	·810	
8	28·972	29·551	44·5	43·2	38·0	47·8	·259	·262	88	93	W 4	NW 3	10	10	·110	
9	29·685	29·000	35·9	43·9	33·2	44·2	·194	·275	92	96	E 1	SE 3	10	10	·410	
10	28·650	28·620	40·7	38·2	37·6	46·8	·217	·216	86	95	SW 4	NE 6	9	10	·530	Squally with ● p.
11	29·658	29·983	37·0	34·7	32·8	43·1	·136	·172	62	85	NE 2	Calm 0	3	0	—	Fine and clear all day.
12	·975	·673	35·7	37·7	28·0	39·9	·177	·207	85	91	SE 2	S 6	0	10	·360	↗ ● from 6p.
13	·620	·459	41·0	42·7	36·5	44·5	·244	·263	95	96	SE 2	Calm 0	10	10	·270	
14	·424	·593	43·7	39·8	39·4	46·2	·267	·242	93	100	SE 1	Calm 0	10	10	·040	
15	·744	·812	40·1	43·7	37·8	45·1	·244	·267	98	93	Calm 0	Calm 0	10	10	—	≋ a. ≋^{0} (mist) during day.
16	·822	·761	42·7	44·7	41·3	47·7	·232	·262	85	89	S 3	S 4	10	10	—	
17	·804	29·833	45·7	44·1	42·6	47·4	·267	·271	87	93	S 2	SE 1	10	10	·240	
18	29·979	30·117	42·7	42·8	42·0	46·1	·274	·261	100	96	Calm 0	NE 1	10	10	·030	≋ a. ≋^{0} (mist) p.
19	30·157	·214	40·7	39·7	39·0	43·2	·237	·209	93	85	SE 2	NE 1	10	10	—	≋^{0} (mist) a.
20	·286	·380	38·5	35·7	34·5	40·1	·194	·186	84	88	NE 1	NE 1	10	7	—	Dull with ≋^{0} (mist) all day.
21	·489	·509	33·5	34·9	32·0	36·0	·159	·169	83	83	NE 2	NE 1	10	10	—	
22	·477	·401	35·1	34·7	32·3	38·0	·173	·156	84	77	NE 2	NE 1	10	10	—	
23	·339	·366	36·4	36·0	32·0	43·2	·156	·173	73	81	NNE 1	W 2	10	5	—	
24	·425	30·360	38·7	40·7	31·2	47·0	·193	·199	83	79	SE 1	SW 2	6	10	·040	Fine and mild. ≋^{0} (mist) 9p.
25	30·173	29·970	40·6	39·7	36·8	49·6	·218	·228	87	93	NNW 2	NW 2	10	7	·070	
26	29·892	·920	36·7	37·9	33·3	40·5	·175	·190	81	83	NE 2	NE 4	10	10	·040	Showers of ✳ ▲ and ✳ ● (sleet) during day.
27	·989	·998	37·5	33·7	32·8	41·2	·179	·178	80	91	NE 3	NE 1	10	7	·010	≋^{0} (mist) 9a. ✳^{0}p.
28	29·977	29·964	30·5	31·7	28·0	42·1	·149	·180	88	100	SW 2	NW 1	7	0	·080	≋ 9a. ✳ noon—2p. and in evening.
Means	29·788	29·777	39·0	39·0	34·9	44·2	·210	·216	87·0	89·3	1·9	1·8	8·7	8·1	4·310	

Markree Castle.

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

FEBRUARY 1881.

1	29·767	29·687	26·1	34·1	22·5	38·4	·122	·185	86	94	Calm 0	SE 2	8	0	·095	≋ p.
2	·382	·361	41·4	44·1	32·4	47·8	·242	·260	93	89	E 4	ESE 2	10	10	·127	
3	·243	·153	48·1	46·1	41·5	49·8	·316	·296	94	95	S 2	Calm 0	10	10	·323	≋ 9p.
4	·213	·339	44·1	40·3	39·3	50·7	·278	·219	96	88	S 1	N 3	10	5	·094	≋ 9a. Ʊ 9p.
5	29·656	·928	37·2	32·3	32·3	41·8	·204	·150	92	82	N 4	NNW 1	8	1	·042	▲
6	30·012	29·872	26·9	33·2	23·4	36·2	·125	·171	87	90	Calm 0	ESE 3	10	10	·221	⌴ 9a. ✳ during the day.
7	29·160	28·882	47·3	40·1	32·5	53·4	·287	·227	89	92	SE 5	SW 2	10	3	·523	Sharp squalls 9a. and before. Ʊ p.
8	·151	29·652	45·4	45·1	38·8	48·2	·260	·242	87	81	NW 5	NW 5	10	4	·024	Sharp squalls a. and p.
9	29·649	29·030	39·4	48·4	37·9	50·2	·224	·310	93	91	Calm 0	W 4	10	10	·160	Ʊ 11p.
10	28·693	28·605	42·4	42·1	38·7	49·2	·212	·232	79	87	WSW 3	NNW 6	8	10	·240	
11	29·704	30·009	35·7	28·6	27·9	43·9	·158	·145	74	94	N 1	Calm 0	2	0	—	≋ before 9a. ⌴^{2} 9p.
12	·933	29·641	38·3	40·1	23·3	40·9	·148	·216	78	87	SE 3	SE 5	10	10	·210	⌴ 9a. Sharp squalls 9p.
13	·586	·429	40·3	40·1	39·1	46·0	·229	·247	92	100	Calm 0	Calm 0	10	10	·040	≋^{2} 9a. and 9p.
14	·362	·551	46·1	44·1	39·6	48·2	·303	·273	97	94	SE 2	Calm 0	10	10	·038	
15	·739	·800	43·2	42·9	41·3	45·6	·260	·263	92	95	Calm 0	Calm 0	10	10	—	≋^{0} 9a.
16	·800	·737	42·1	45·3	41·3	46·8	·253	·279	94	92	SE 3	SE 3	10	10	·012	
17	·769	29·808	43·4	44·1	42·9	47·4	·274	·260	98	89	S 2	S 2	10	10	·362	
18	29·958	30·061	41·9	45·1	41·3	46·7	·253	·201	95	68	Calm 0	Calm 0	10	10	·103	
19	30·095	·152	43·2	41·2	40·6	46·4	·260	·229	92	89	SSE 3	SE 2	10	10	·002	
20	·232	·316	39·2	38·1	37·5	43·8	·203	·196	84	85	E 2	E 3	10	10	—	
21	·426	·474	34·2	33·1	32·4	38·9	·160	·174	80	92	ENE 2	E 1	10	10	—	
22	·436	·371	35·0	35·1	28·3	38·0	·170	·171	83	83	NE 1	NE 2	10	10	—	
23	·337	·388	34·4	30·1	29·5	39·7	·158	·147	79	87	Calm 0	Calm 0	10	10	—	
24	·420	·385	34·2	33·8	28·4	47·0	·180	·176	90	90	Calm 0	Calm 0	10	10	·010	
25	30·189	30·002	40·5	39·1	33·4	47·4	·231	·206	92	86	Calm 0	NE 2	10	2	·052	
26	29·912	29·893	35·3	36·3	31·6	44·6	·168	·177	81	83	N 3	N 3	4	5	—	▲ a.
27	·900	·957	37·3	30·3	29·6	38·9	·184	·144	83	84	NE 4	Calm 0	6	5	·006	✳
28	29·958	29·985	26·1	25·3	19·4	39·8	·122	·113	86	84	Calm 0	Calm 0	9	0	·032	
Means	29·774	29·767	38·7	38·5	33·8	44·8	·214	·211	88·1	88·3	1·8	1·8	9·1	7·3	2·721	

Dublin.

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

FEBRUARY 1881.

Day.	Barometer at 32° and M. S. L. 9 a.m.	9 p.m.	Air Temperature. 9 a.m.	9 p.m.	Min.	Max.	Tension of Vapour. 9 a.m.	9 p.m.	Relative Humidity. 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	29·779	29·772	33·2	35·1	32·7	43·0	·179	·187	94	91	Calm 0	SE 2	1	2	·120	≋ a. Ш at night.
2	·440	·475	41·9	46·5	34·3	50·3	·257	·272	97	86	SE 1	S 3	10	7	·010	●^{2} ≋^{0} a. Fine and very mild p.
3	·350	·187	48·2	47·4	42·7	51·1	·315	·313	94	96	S by W 3	SSE 3	8	9	·024	
4	·251	·284	45·0	46·0	43·3	49·5	·280	·287	94	93	SW 1	W 4	7	10	·038	
5	29·522	·857	37·3	35·1	34·6	46·3	·183	·153	83	74	NW 6	NW 3	2	0	—	↗ with squalls a. Very fine, with cold wind.
6	30·022	·979	31·5	37·1	28·9	37·8	·140	·183	79	83	W 1	SW 2	7	10	·176	⌴ ≋ ○ a.
7	29·383	·033	46·1	43·5	36·8	54·3	·277	·242	89	85	SSW 6	WSW 5	10	9	·492	↗ a. and p. with squalls. ↯ ↗^{2} ●^{2} ▲ 2.30p. Festooned clouds 3.30p.
8	·126	·611	46·4	45·9	38·8	49·2	·248	·238	80	77	W by N 9	W by N 7	6	7	·010	↗ (gale) all day, with squalls.
9	29·710	29·130	42·9	51·6	41·8	51·6	·237	·350	86	92	SE 2	SW 7	10	10	·681	↗ ●^{2} p. squally. Mild.
10	28·828	28·660	41·9	43·1	40·0	53·3	·226	·222	86	79	WSW 6	W 6	7	6	·306	↗ a. and p. with squalls. Bar. 28·614 10.30p.
11	29·561	29·992	35·3	34·5	34·1	43·5	·158	·170	77	84	N by E 4	N 3	3	0	—	✳^{0}a. ▲^{0} 9.30a. Fine day but cold.
12	30·064	·837	31·1	41·9	29·1	42·0	·152	·212	86	81	ESE 1	SSE 4	0	10	·010	≋ a. ○ 11a.
13	29·628	·515	43·3	47·1	39·5	49·0	·246	·295	88	91	S by E 7	SSW 2	9	10	·082	Squally ↗ a. Mild p.
14	·425	·523	44·9	44·7	43·5	47·9	·275	·279	93	94	SSE 4	WNW 2	10	10	·474	●^{2} till 3p.
15	·750	·859	41·4	41·2	40·7	45·0	·251	·235	96	92	NW 2	WNW 1	10	10	—	
16	·885	·844	41·3	40·3	39·9	43·6	·234	·242	91	97	SE 1	Calm 0	10	8	—	≋ p.
17	·854	29·871	36·4	43·9	33·9	46·2	·211	·266	98	93	Calm 0	SE 2	9	10	—	≋^{2} till 9a.
18	29·965	30·092	44·2	42·5	41·9	45·6	·281	·261	97	96	ESE 2	ESE 1	10	6	·010	⌓^{2} p.
19	30·139	·183	43·0	41·4	40·9	44·4	·255	·231	92	89	SE 2	E by S 3	10	10	—	
20	·220	·314	40·4	39·6	39·0	41·6	·207	·199	83	81	E 3	E 4	10	10	—	
21	·392	·423	36·1	37·5	35·2	39·6	·162	·161	75	71	E by N 3	ENE 3	10	3	·010	▲ showers a.
22	·374	·309	38·2	38·2	36·5	40·6	·185	·188	80	82	ENE 4	NE 3	9	10	·032	✳ ● (sleet) after 10a.
23	·303	·369	36·4	37·2	34·2	39·3	·175	·168	81	76	NNE 2	N 2	10	8	—	✳ ● (sleet) early a.
24	·404	30·387	33·9	33·5	31·1	42·3	·169	·167	86	87	NW 2	NW 1	0	0	—	≋ a. and p. Very fine during the day.
25	30·223	29·994	37·3	38·1	30·1	45·8	·150	·193	67	84	WNW 3	NW 2	8	3	—	Very fine day.
26	29·841	·768	35·9	35·1	34·5	38·6	·174	·189	83	92	NW 4	N 3	9	10	·232	✳ ● a. ✳^{2} ●^{2} ▲^{2}p. ✳^{2}late p.
27	·844	·909	37·4	37·0	32·4	38·4	·194	·152	87	69	E 5	E 5	7	0	·162	↗ in squalls with ✳ ● ▲ a. ▲ ✳ ● p.
28	29·916	29·986	33·2	27·3	27·1	37·1	·151	·120	80	82	NE by E 4	W 2	7	0	·010	✳^{2} ▲^{2} n. and a.
Means	29·793	29·792	39·4	40·4	36·3	44·9	·213	·221	86·5	85·6	3·1	3·0	7·5	6·7	2·879	

Parsonstown.

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

FEBRUARY 1881.

1	29·799	29·688	34·1	41·0	29·0	45·6	·165	·221	83	86	S 1	SE 4	8	10	·097	
2	·374	·369	45·4	46·4	39·7	53·7	·283	·282	94	90	SE 1	SE 2	10	9	·110	
3	·290	·186	49·1	45·4	45·0	50·9	·324	·296	93	98	SSE 0·5	SE 0·1	10	10	·436	
4	·248	·383	43·7	41·5	41·2	49·0	·278	·237	97	90	S 0·5	WSW 3	7	10	·030	
5	29·673	·951	35·7	31·3	30·0	42·2	·188	·178	89	100	WNW 2	NW 0·5	1	2	—	Squally p.
6	30·034	·914	28·3	35·7	24·9	35·9	·140	·178	90	84	S 0·1	SE 5·5	10	10	·280	
7	29·297	·037	48·4	40·3	35·0	54·5	·313	·210	92	84	S 9	SW 8	10	10	·418	Squally p.
8	·319	·749	46·4	43·3	33·3	49·0	·240	·212	77	76	SW 10	NW 4	10	1	·047	
9	29·698	29·150	42·4	51·7	40·6	51·9	·262	·355	97	92	S 1	SW 8–10	10	10	1·094	
10	28·854	28·720	39·8	43·7	31·8	51·9	·219	·238	90	83	W 5	SW 8–9	3	10	·119	Squally 9p.
11	29·683	30·035	34·4	29·5	29·4	44·3	·155	·153	77	93	NW 7	Calm 0	0	0	—	✳ before 9a.
12	30·028	29·812	33·2	41·3	29·3	42·7	·141	·227	75	88	S 0·5	S 10	3	10	·212	
13	29·591	·456	46·4	45·9	40·3	48·9	·296	·285	94	93	SSE 1	SSE 1	10	10	·026	≋^{0} (mist) p.
14	·367	·446	48·4	43·7	43·7	49·5	·313	·278	92	97	SSE 1	Calm 0	10	10	—	≋ p.
15	·761	·853	41·4	43·2	41·4	45·2	·251	·260	96	92	N 0·5	S 0·2	10	10	—	
16	·860	·807	42·4	44·8	40·3	45·8	·250	·269	92	91	S 1	SSE 0·5	10	10	—	≋^{0} (mist) p.
17	·811	29·826	44·5	45·1	42·7	49·0	·266	·279	90	93	SSE 1	ENE 1	10	10	·174	≋^{0} (mist) p.
18	29·936	30·062	44·7	43·2	42·0	48·2	·284	·253	96	90	S 0·5	SE 1	10	3	—	
19	30·105	·161	43·7	42·4	42·0	48·8	·254	·239	90	88	SE 1	SE 2	10	10	—	≋^{0} (mist) 9p.
20	·219	·286	39·0	39·4	38·0	43·0	·197	·210	83	87	ESE 1	ESE 2	10	10	—	
21	·406	·454	35·3	34·4	34·3	40·0	·155	·167	75	84	E 1	Calm 0	10	10	—	
22	·402	·339	34·6	34·9	32·2	40·2	·167	·179	83	90	NNE 1·5	N 1	10	10	·022	✳ 9a.
23	·339	·395	34·2	34·4	32·8	38·9	·166	·171	83	85	N 0·5	SSE 0·2	10	9	—	
24	·432	·402	30·4	32·7	24·2	44·1	·154	·171	91	92	Calm 0	Calm 0	0	7	—	
25	30·257	30·035	34·4	34·4	27·3	44·7	·171	·187	85	94	Calm 0	Calm 0	10	0	·076	
26	29·910	29·845	36·2	34·3	31·2	40·0	·184	·184	86	93	NW 1	N 1	1	10	·128	Squally with ✳ p.
27	·821	29·918	34·0	30·6	30·3	38·1	·188	·164	96	96	N 2	N 1·5	10	0	·124	✳ a. and p.
28	29·938	30·026	28·0	26·2	22·1	37·4	·140	·136	91	96	N 0·5	Calm 0	3	0	—	≋^{0} (mist) 9p. Evening observations taken at 9.30p.
Means	29·802	29·797	39·2	39·3	34·8	45·5	·219	·222	88·5	90·2	1·8	2·4	7·7	7·5	3·393	

DUNROBIN CASTLE.

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

MARCH 1881.

Day.	Barometer at 32° and M. S. L. 9 a.m.	9 p.m.	Air Temperature. 9 a.m.	9 p.m.	Min.	Max.	Tension of Vapour. 9 a.m.	9 p.m.	Relative Humidity. 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	29·897	30·067	31·3	28·5	24·5	36·2	·141	·136	79	88	NW	NW	—	—	—	
2	30·217	30·323	29·3	25·8	24·5	39·3	·162	·123	100	88	W	W	—	—	—	Clear and cold.
3	30·173	29·897	33·5	35·3	25·0	37·7	·188	·187	98	91	SE	SE	—	—	—	↙ (half-gale).
4	29·785	·709	35·3	35·3	34·5	37·5	·187	·199	91	96	E	E	—	—	·070	Stormy and cold.
5	·630	·497	34·5	33·3	33·3	36·2	·192	·186	96	98	E	E	—	—	·200	✳ showers. Stormy.
6	·364	·238	33·1	38·9	32·5	38·9	·172	·217	91	92	SE	E	—	—	·100	✢
7	·135	·067	43·4	36·8	33·0	45·3	·241	·210	85	97	E	NE	—	—	·040	Fine. Clear and calm.
8	·137	·384	41·4	39·2	36·1	48·3	·223	·205	86	85	W	W	—	—	—	Clear and fine.
9	·405	·506	37·6	37·9	33·3	40·5	·221	·217	99	96	W	NW	—	—	—	Dull.
10	·723	·799	41·4	40·9	37·6	45·0	·219	·251	85	99	W	NE	—	—	·330	Dull.
11	·517	·827	51·0	42·2	40·5	54·0	·331	·229	88	86	SW	W	—	—	—	Fine and clear.
12	·935	·867	43·9	40·4	38·6	48·5	·245	·230	85	92	W	E	—	—	—	Very fine.
13	·785	29·649	42·4	40·4	38·1	43·3	·235	·230	87	92	SE	SE	—	—	—	Dull.
14	29·709	30·077	42·4	38·4	38·1	47·0	·252	·212	93	92	W	W	—	—	·060	Dull.
15	30·218	·207	43·9	43·6	34·5	53·0	·239	·255	83	89	SW	W	—	—	—	Fine.
16	·114	·201	51·7	46·9	40·7	55·3	·291	·312	76	98	SW	W	—	—	·030	Fine.
17	30·246	30·093	46·4	49·5	39·6	55·7	·282	·334	90	95	SE	E	—	—	—	Fine.
18	29·803	29·837	54·7	43·4	43·4	56·4	·352	·272	83	97	W	W	—	—	·280	
19	·801	·867	39·9	34·8	34·5	45·5	·231	·192	95	95	W	NW	—	—	·050	Dull.
20	·758	·661	32·3	29·3	29·0	37·3	·161	·140	88	87	N	NE	—	—	·120	Dull. ✳ showers.
21	·641	·781	32·3	25·3	23·5	34·6	·150	·137	82	100	NE	NE	—	—	·040	✳
22	·773	29·886	31·5	27·5	21·5	36·5	·145	·150	82	100	NW	W	—	—	—	
23	29·577	28·883	34·8	34·3	25·3	40·0	·196	·198	97	100	SE	SE	—	—	·250	Dull.
24	28·753	28·786	37·9	37·9	33·3	39·5	·207	·221	91	97	SW	W	—	—	·250	✳ showers. ●
25	29·183	29·607	36·3	31·1	31·1	41·3	·206	·132	96	75	W	NW	—	—	·030	✳ ● (sleet).
26	·713	·825	36·3	32·8	28·5	39·3	·197	·176	92	94	NW	NE	—	—	—	✳ showers. Clear *p.*
27	·759	·680	38·6	46·2	30·5	43·5	·196	·228	84	92	W	W	—	—	·160	Dull.
28	·776	29·735	33·5	32·3	32·3	42·5	·192	·180	100	98	SE	NW	—	—	·200	✳ showers. ✳ ● (sleet) then [●.
29	29·813	30·041	33·3	28·1	24·3	37·5	·160	·145	84	94	NW	N	—	—	·050	Fine and clear.
30	30·087	·013	32·3	33·3	25·5	39·3	·184	·190	100	100	NW	NW	—	—	—	Clear.
31	30·000	30·035	41·4	36·3	33·3	48·5	·242	·214	93	100	W	N	—	—	—	Clear.
Means	29·723	29·743	38·6	36·1	32·3	43·3	·214	·203	89·6	93·6	—	—	—	—	2·260	

BRAEMAR.

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

MARCH 1881.

1	29·917	30·062	14·7	20·0	14·7	31·5	·085	·108	100	100	SW 0·5	SW 0·5	4	2	—	Fair and clear.
2	30·270	30·333	7·0	10·2	6·7	32·0	·060	·069	100	100	NE 1	NE 0·5	0	0	—	Fair and clear.
3	30·170	29·893	28·5	28·7	4·2	31·9	·134	·158	86	100	SE 4	NE 10	8	10	·300	✳. ✢
4	29·743	·677	28·2	30·5	27·9	30·9	·154	·163	100	96	NE 6	SE 3	10	10	·200	✳. ✢
5	·600	·506	27·7	30·0	28·4	32·4	·151	·167	100	100	SE 4	NE 6	9	10	·150	✳. ✢
6	·344	·302	29·0	32·0	28·2	35·9	·160	·175	100	96	NE 4	NE 1	10	10	—	Fine.
7	·133	·066	34·2	36·9	31·6	40·5	·188	·205	95	94	NE 0·5	NE 0·5	8	6	—	Fine.
8	·231	·515	36·4	35·7	35·6	41·8	·200	·200	93	96	W 2	SW 2	4	8	—	Sunny *a.*
9	·447	·425	34·0	42·6	33·4	43·5	·190	·225	97	83	SW 0·5	SW 4	10	5	·150	✳ ● (sleet) *p.*
10	·725	·754	41·6	41·6	38·6	44·9	·208	·239	79	92	SW 2	SW 2	7	8	·030	Dull *p.*
11	·593	·775	45·6	40·6	40·3	48·5	·259	·182	85	71	W 4	NW 6	7	4	—	
12	·962	·994	35·4	35·7	30·9	45·5	·162	·187	78	89	SW 0·5	W 1	0	8	—	
13	·876	29·730	34·7	36·6	34·4	40·5	·188	·190	93	88	SE 6	SE 4	10	10	·120	
14	29·722	30·111	41·0	31·9	31·9	42·5	·221	·159	86	88	SW 3	SW 0·5	10	0	—	Fine.
15	30·283	·300	30·3	39·6	25·4	49·2	·129	·200	76	82	SW 0·5	SW 2	3	5	—	Fine.
16	·208	·239	43·4	43·4	36·7	47·7	·191	·241	68	85	W 0·5	SW 6	2	8	·030	Fine.
17	30·266	30·182	44·1	45·8	41·7	50·5	·260	·257	89	84	S 1	S 4	8	5	—	Fine.
18	29·938	29·874	45·9	46·5	44·3	50·8	·241	·266	79	85	SW 8	SW 8	8	10	·040	
19	·782	·849	46·3	36·6	36·6	47·3	·235	·169	75	78	W 4	NW 2	8	9	·020	
20	·787	·657	31·7	28·7	26·8	43·8	·138	·152	77	96	SW 1	NW 2	7	9	·070	✳ showers.
21	·615	·787	25·1	19·7	19·7	40·5	·122	·107	90	100	E 0·5	E 1	10	9	·020	✳ showers.
22	·783	29·875	24·7	25·7	17·8	37·9	·127	·139	95	100	NE 0·5	S 1	7	10	·010	✳ showers.
23	29·620	28·935	30·7	31·7	24·7	35·6	·135	·156	78	87	SW 1	SW 1	10	3	·190	✳ showers.
24	28·889	28·813	31·0	29·7	28·4	34·3	·166	·165	96	100	SW 2	NW 8	7	10	·150	✳ showers.
25	29·151	29·509	32·0	26·7	26·7	35·6	·175	·145	96	100	NW 2	NW 8	10	4	·150	✳ showers.
26	·714	·846	27·7	29·7	25·8	35·0	·151	·165	100	100	NW 4	N 1	5	9	—	✳ showers.
27	·833	·805	31·9	35·3	23·4	38·9	·159	·193	88	93	S 2	SW 2	8	9	—	Dark and dull.
28	·787	29·637	32·7	37·4	23·2	39·8	·186	·194	100	87	N 0·5	NE 6	10	10	·030	Dark and dull.
29	29·802	30·028	24·5	24·7	24·4	37·4	·106	·133	80	100	N 2	N 3	6	1	·020	✳ ² showers.
30	30·102	·119	28·7	26·4	24·4	36·1	·158	·143	100	100	NW 2	W 1	3	0	—	Fair and clear.
31	30·061	30·069	32·4	34·7	26·4	45·5	·169	·182	92	90	SW 0·5	E 2	5	0	—	Fair and clear.
Means	29·753	29·763	32·3	32·8	27·8	40·3	·168	·175	89·4	92·3	2·3	3·2	6·9	6·5	1·680	

LAUDALE.

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

MARCH 1881.

Day.	Barometer at 32° and M. S. L. 9 a.m.	9 p.m.	Air Temperature. 9 a.m.	9 p.m.	Min.	Max.	Tension of Vapour. 9 a.m.	9 p.m.	Relative Humidity. 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	29·918	30·072	29·7	27·0	25·0	38·0	·151	·140	91	96						
2	30·245	30·258	25·0	32·0	24·0	39·0	·121	·155	90	86	Calm 0	Calm 0	5	3	—	≋ *a.* and *p.* ✳⁰ *a.*
3	29·971	29·642	36·2	38·2	24·0	39·0	·210	·226	98	98	Calm 0	N 1	3	3	—	≋ *a.* and *p.*
4	·546	·474	37·2	36·4	34·4	40·0	·182	·189	82	88	ESE 7	ESE 9	7	6	—	≋ *a.* and *p.* Very threatening *a.*
5	·379	·268	36·8	37·0	34·6	40·4	·167	·189	76	86	ESE 7	ESE 5	10	10	—	✳ *a.* and *p.*
6	·140	·198	39·4	42·6	36·8	43·6	·195	·256	81	93	ESE 6	ESE 6	8	5	—	✳⁰ ▲⁰ showers *a.*
7	·068	·113	43·6	49·8	36·8	52·8	·248	·335	87	93	ESE 4	ESE 1	5	10	·220	● ² *p.*
8	·252	·590	37·9	41·4	37·5	49·8	·209	·231	92	89	Calm 0	SW 3	6	10	·110	≋⁹ (mist) *a.* and *p.*
9	·622	·574	43·4	45·4	37·9	51·9	·234	·304	83	100	SW 3	SW 1	10	8	·080	✳ *a.* and *p.*
10	·825	·771	49·9	51·0	42·0	51·0	·323	·348	91	93	SW 4	SW 3	10	10	1·460	≋⁹ (mist) *a.* and *p.* ● all day.
11	·727	·875	51·9	46·8	47·6	52·4	·354	·235	92	74	SW 2	SW 4	10	10	1·100	≋⁹ (mist) *a.* and *p.* ● all day.
12	·955	·876	48·3	47·8	35·0	50·0	·311	·279	92	84	SW 7	SW 5	10	10	·050	≋⁹ (mist) *a.* and *p.*
13	·695	29·598	46·2	46·0	46·0	47·8	·265	·269	86	87	E 1	ESE 3	0	8	—	≋⁹ (mist) 9*p.*
14	29·806	30·123	40·0	37·6	39·5	47·2	·228	·205	93	91	SSE 8	SSE 4	6	8	·580	≋⁹ (mist) *a.* and *p.*
15	30·269	·308	46·3	44·0	36·5	50·3	·268	·250	86	86	NW 2	Calm 0	10	6	·020	✳ ≋⁹ (mist) 9*a.* and before.
16	·277	·273	46·2	50·4	42·2	51·0	·285	·330	92	90	Calm 0	Calm 0	0	6	—	∞ *a.* Sky red till 8*a.* ≋⁹ (mist) *p.*
17	·301	30·280	49·8	50·0	44·0	52·8	·315	·309	88	86	WSW 1	WSW 2	4	10	·380	≋⁹ (mist) *a.* and *p.*
18	30·090	29·969	50·0	50·2	47·5	51·5	·309	·343	85	95	WSW 1	WSW 4	5	10	·080	≋⁹ (mist) *a.* and *p.* ● ² from 6*p.*
19	29·922	·853	43·0	41·0	41·0	50·2	·236	·215	85	84	SW 8	SW 9	10	10	1·580	≋⁹ (mist) a. and *p.* ● ² all day.
20	·771	·678	37·4	32·0	33·4	42·0	·182	·137	82	75	WSW 3	WSW 1	8	5	·090	≋⁹ (mist) a. ● till 5*a.*
21	·536	·775	31·0	29·9	27·4	32·0	·148	·117	85	70	WSW 3	WSW 2	5	5	·130	
22	·774	29·851	32·5	34·0	27·1	38·9	·164	·139	89	71	SSE 1	SSE 1	5	10	·060	✳² *a.* and *p.*
23	·515	28·989	39·0	41·2	29·9	41·2	·201	·221	85	86	SE 1	SE 1	10	10	·020	✳ *a.* and *p.* (2 ins. deep at Noon).
24	·006	29·154	32·0	34·0	32·0	41·2	·151	·156	83	79	S 6	W 5	10	10	·780	≋⁹ (mist) *a.* ✳ *p.*
25	·250	·606	37·2	33·0	32·0	41·0	·200	·113	90	60	W 6	W 7	10	10	·220	✳ ▲ *a.* ▲ *p.*
26	·754	·857	35·0	34·5	29·9	39·4	·154	·156	75	78	NW 2	NW 1	10	5	—	▲ *a.*
27	·843	·853	41·8	41·2	34·5	44·2	·188	·196	72	76	NW 1	N 1	7	6	—	✳ showers.
28	·789	29·734	46·8	41·0	38·5	47·9	·245	·233	77	91	N 3	N 4	10	5	·330	
29	29·871	30·052	31·4	30·8	30·3	45·0	·153	·148	87	85	WNW 3	WNW 3	10	5	·060	≋⁹ (mist) 9*a.*
30	30·109	·156	29·8	29·0	23·6	42·8	·155	·130	93	82	WNW 4	WNW 1	8	6	—	✳ showers *a.*
31	30·112	30·017	32·0	35·0	24·9	44·8	·162	·161	90	78	Calm 0	N 1	5	6	—	
Means	29·753	29·770	39·6	39·7	34·7	45·1	·217	·217	85·4	84·8	3·0	2·9	7·2	7·5	7·350	

DUNDEE.

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

MARCH 1881.

1	29·904	30·054	27·5	23·5	22·2	33·0	·097	·097	66	77	NW 1	NW 1	5	0	—	Fine.
2	30·233	30·327	24·5	22·5	18·2	33·9	·075	·121	57	100	NW 2	NW 1	0	0	—	Fine.
3	30·178	29·941	34·5	34·5	21·2	34·9	·182	·146	91	73	SE 10	SE 12	10	10	—	↙ (gale) 8*a.*-Noon, then ↙ ² [from 7*a.*
4	29·760	·668	32·5	32·5	31·2	34·9	·145	·166	78	90	SE 12	SE 12	10	10	·400	↙ ² (gale) *n.* and day. ✳ ● (sleet)
5	·593	·480	31·5	32·5	31·2	32·5	·178	·166	100	90	SE 12	SE 12	10	10	1·000	✢ *n.* and day. ↙ ² (violent gale.)
6	·297	·286	32·5	34·5	31·2	35·9	·185	·182	100	91	SE 8	NE 1	10	10	·050	↙ (gale) *n.* ✳ till 10*a.* ● during [day.
7	·074	·062	35·5	38·4	32·2	38·4	·208	·195	100	85	SW 1	W 1	10	10	—	≋
8	·267	·563	38·4	37·4	35·2	41·8	·179	·189	78	85	W 2	W 1	7	7	·100	Fine.
9	·496	·472	35·5	43·4	34·2	43·4	·191	·241	92	85	W 1	W 2	10	10	—	
10	·779	·809	43·4	43·4	39·3	47·7	·221	·262	78	93	SW 1	W 1	10	10	·050	Dull day.
11	·657	29·824	47·4	44·4	41·3	54·7	·282	·250	87	86	W 6	W 1	7	10	—	
12	·994	30·004	38·4	38·4	33·2	51·7	·195	·214	85	93	SW 1	E 2	0	10	—	Fine.
13	·899	29·777	38·4	38·4	35·2	39·8	·195	·195	85	85	SE 8	SE 8	10	10	·250	● from 5*p.*
14	29·760	30·130	42·4	33·5	33·2	43·8	·252	·192	93	100	SE 2	NE 1	10	10	—	
15	30·300	·320	36·4	36·4	29·2	52·7	·133	·196	61	91	SW 1	NW 1	0	7	—	Fine.
16	·287	·274	42·4	44·4	31·2	51·7	·231	·230	86	79	W 1	W 2	5	7	—	Fine. Snow still lying.
17	·315	30·252	47·4	49·4	44·3	56·7	·303	·303	93	86	W 1	W 8	10	5	—	
18	30·050	29·882	49·4	47·4	45·3	51·7	·252	·303	74	93	W 10	W 10	10	7	—	↙ (gale) from 8*a.*
19	29·856	·850	47·4	41·4	41·3	49·7	·239	·203	74	79	W 4	NW 1	10	10	—	Dull day.
20	·798	·674	35·5	31·5	30·2	41·8	·172	·115	83	65	SW 2	NW 2	10	7	·200	✳ *n.* ● ↙ (gale) Noon—2*p.*
21	·617	·767	30·5	23·5	23·2	32·0	·125	·070	73	56	NE 1	NW 1	10	10	—	✳ *n.* Stormy day.
22	·806	29·888	29·5	26·5	18·2	35·9	·094	·116	58	81	NW 1	NE 1	5	10	—	Dull day.
23	29·679	28·954	33·5	34·5	25·2	36·9	·154	·182	81	91	SE 1	NW 2	10	10	·800	✳ ● (sleet) from 1*p.*
24	28·936	28·863	36·4	34·5	32·2	38·8	·148	·130	69	65	W 8	W 10	5	5	—	↙ (gale) from 2*p.*
25	29·154	29·568	38·4	30·5	30·2	41·8	·179	·104	78	62	NW 1	NE 1	5	7	—	
26	·740	·878	35·5	34·5	28·2	39·8	·124	·115	60	58	NW 2	NW 1	7	7	—	Fine.
27	·867	·806	37·4	36·4	30·2	45·7	·126	·182	57	84	W 2	W 2	5	7	—	Fine.
28	·828	·685	34·5	40·4	34·2	46·7	·182	·213	91	85	E 1	W 6	10	7	·050	✳ ● (sleet) 8.30*a.*—10*a.*
29	29·809	29·995	32·5	30·5	30·2	40·8	·094	·104	51	62	NW 8	NW 1	7	0	—	✳ ● (sleet) ▲ *n.* ↙ (gale) 10*a.*— [4*p.*
30	30·143	30·102	33·5	31·5	25·2	40·8	·120	·157	63	88	NW 2	NW 1	0	0	—	Fine.
31	30·064	30·054	36·4	32·5	27·2	48·7	·133	·166	61	90	W 1	E 1	7	0	—	Fine.
Means	29·779	29·781	36·7	35·6	31·1	42·5	·174	·178	77·5	82·2	3·7	3·5	7·3	7·2	2·900	

ROTHESAY.

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

MARCH 1881.

Day.	Barometer at 32° and M. S. L. 9 a.m.	9 p.m.	Air Temperature. 9 a.m.	9 p.m.	Min.	Max.	Tension of Vapour. 9 a.m.	9 p.m.	Relative Humidity. 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	29·933	30·061	32·3	29·0	26·2	39·0	·168	·106	92	67	Calm	NW	—	—	—	Snow ½ inch deep.
2	30·249	30·259	27·0	29·2	21·7	40·3	·102	·085	70	53	Calm	E	—	—	—	○
3	30·015	29·723	33·5	33·0	27·7	35·3	·182	·167	95	89	E	ESE	—	—	·195	↙ (gale). ✳ showers.
4	29·613	·512	31·5	32·6	30·2	34·0	·166	·173	94	93	E	ESE	—	—	·255	✳ *a.*, 2 ins. deep.
5	·395	·287	33·6	36·6	32·2	36·6	·171	·196	88	91	ENE	E	—	—	·415	✳ all day, 3 ins. deep.
6	·220	·276	34·0	37·1	31·5	37·3	·176	·211	89	95	E	E	—	—	·155	✳ ● (sleet) showers.
7	·124	·174	38·6	41·4	35·7	46·5	·224	·246	96	95	NE	W	—	—	·040	∞. Mild.
8	·377	·674	41·1	40·1	35·2	43·5	·216	·208	84	84	W	W	—	—	·855	✳ and ✳ ● (sleet) showers.
9	·523	·577	47·0	47·0	37·1	47·9	·316	·318	98	99	SW	NW	—	—	·570	Dull, with ●.
10	·840	·881	47·0	46·1	43·7	49·4	·303	·313	94	100	SW	WNW	—	—	·420	Fair *a.* ● *p.*
11	·814	·898	47·6	44·1	42·1	47·9	·320	·282	97	97	WSW	NW	—	—	·040	Dull and damp.
12	·974	·934	45·1	45·6	36·7	49·4	·263	·285	88	94	Calm	S	—	—	—	Fine.
13	·782	29·692	43·7	43·6	41·1	46·3	·231	·275	80	97	SE	SE	—	—	·680	Dull and blowy.
14	29·796	30·162	40·6	35·5	35·2	47·9	·227	·180	90	86	NW	Calm	—	—	·050	Fine.
15	30·332	·362	41·1	41·1	31·2	53·9	·230	·230	89	89	Calm	Calm	—	—	—	Fine.
16	·334	·333	44·6	46·6	34·2	51·9	·252	·252	86	80	Calm	W	—	—	·020	Mild.
17	·385	·371	48·0	49·3	44·1	51·4	·335	·323	100	92	SW	SW	—	—	·010	● *a.* Fair *p.*
18	30·161	30·083	48·3	46·1	44·6	50·2	·299	·305	89	98	W	W	—	—	·556	↙ (gale). ● *p.*
19	29·980	29·930	45·1	42·6	40·6	47·4	·286	·232	95	85	W	W	—	—	·075	● *a.* Fine *p.* ♕ to S E. 9*p.*
20	·822	·746	39·4	32·0	31·2	43·5	·197	·147	82	81	WNW	NW	—	—	·380	✳ showers.
21	·602	·808	31·0	31·2	27·7	39·5	·161	·166	93	95	Calm	NW	—	—	·083	✳ showers. Snow 5 ins. deep.
22	·834	·896	34·0	31·0	21·2	38·0	·168	·161	85	93	Calm	W	—	—	·240	✳ showers. Snow 2 ins. deep.
23	·600	·062	38·1	40·1	31·0	42·0	·209	·227	91	92	SE	W	—	—	·626	↙ with ●.
24	·071	·086	37·6	35·6	30·2	41·5	·160	·129	71	61	WNW	NW	—	—	·080	↙ 2 in squalls. ✳ ½ in. deep.
25	·265	·552	40·1	34·0	31·2	43·0	·190	·166	76	84	NW	E	—	—	·075	Breezy.
26	·781	·912	33·5	34·5	26·7	40·5	·131	·152	68	76	NW	NW	—	—	—	
27	·920	·916	39·3	38·1	30·2	45·0	·183	·191	77	83	SW	Calm	—	—	—	
28	·885	29·775	40·6	42·1	36·7	46·9	·208	·238	83	89	WSW	W	—	—	·050	
29	29·858	30·043	34·3	29·0	28·2	42·5	·115	·118	58	75	NW	WNW	—	—	—	
30	30·151	·153	36·0	30·0	23·7	42·5	·127	·116	59	69	SE	NW	—	—	—	
31	30·103	30·039	40·1	33·5	24·2	46·5	·176	·162	71	84	Calm	E	—	—	—	
Means	29·798	29·812	39·2	38·0	32·7	44·1	·209	·205	84·8	86·0	—	—	—	—	5·870	

PINMORE.

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

MARCH 1881.

1	29·919	30·078	34·3	34·3	20·5	38·3	·178	·178	89	89	W	E	—	—	—	
2	30·199	30·073	26·4	32·4	17·5	40·3	·143	·184	100	100	E	E	—	—	·090	
3	29·935	29·666	33·8	32·4	31·5	36·2	·184	·184	94	100	E	E	—	—	·200	
4	·498	·422	32·9	34·3	31·0	35·2	·177	·178	94	89	E	E	—	—	·150	
5	·552	·203	36·7	38·2	29·5	39·3	·180	·190	83	83	SE	SE	—	—	·250	
6	·217	·270	38·2	42·0	36·5	45·2	·226	·221	98	84	SE	S	—	—	·160	
7	·080	·211	38·2	42·0	38·2	44·3	·226	·249	98	94	S	S	—	—	·340	
8	·426	·647	40·1	39·1	38·4	42·3	·206	·235	83	98	NW	NW	—	—	·810	
9	·588	·658	47·9	47·9	39·1	49·2	·326	·320	98	97	W	W	—	—	·520	
10	·873	·904	49·3	48·9	46·2	52·1	·308	·318	88	93	SW	W	—	—	·220	
11	·863	·916	48·4	45·9	45·9	51·1	·307	·260	91	85	NW	NW	—	—	·050	
12	·964	·936	44·4	43·0	42·4	50·1	·276	·249	95	90	S	S	—	—	—	
13	·752	29·692	43·0	43·0	42·4	47·2	·221	·259	80	94	S	S	—	—	·520	
14	29·775	30·146	41·0	41·5	30·7	48·2	·242	·255	94	98	S	SE	—	—	·100	
15	30·282	·358	32·9	32·4	25·5	58·1	·187	·184	100	100	SE	SW	—	—	—	
16	·335	·341	39·1	45·9	27·0	54·1	·159	·249	67	81	SW	SW	—	—	·040	
17	·378	·371	49·3	50·3	45·9	54·1	·321	·321	92	88	SW	SW	—	—	—	
18	30·254	30·146	48·9	45·9	45·9	53·6	·271	·249	78	81	W	W	—	—	·210	
19	29·984	29·956	48·4	42·0	41·0	48·2	·320	·231	94	87	W	W	—	—	·220	
20	·833	·747	44·9	34·3	33·5	45·2	·181	·178	60	89	NW	NW	—	—	·200	
21	·604	·838	34·3	28·4	27·5	38·3	·178	·127	89	82	NW	NE	—	—	·300	
22	·855	·899	39·1	32·4	20·5	44·3	·178	·184	75	100	N	N	—	—	·050	
23	·632	·137	38·6	40·1	31·5	42·3	·157	·206	67	83	SW	E	—	—	1·170	
24	·157	·184	39·6	34·3	31·5	42·3	·222	·161	83	81	NE	N	—	—	·200	
25	·293	·465	39·6	33·4	31·4	42·3	·239	·189	98	99	N	N	—	—	·520	
26	·762	·910	38·2	32·4	17·5	46·2	·144	·162	62	88	N	N	—	—	·010	
27	·918	·890	34·3	27·9	27·9	46·2	·161	·137	81	90	N	N	—	—	—	
28	·913	29·839	36·2	39·1	27·5	49·2	·163	·182	76	77	N	N	—	—	·020	
29	29·832	30·018	38·2	27·4	27·4	42·3	·199	·072	87	49	E	E	—	—	—	
30	30·110	·117	36·2	25·4	18·5	46·2	·161	·121	75	88	E	E	—	—	—	
31	30·102	30·013	36·2	27·4	18·5	49·2	·178	·119	83	80	NE	E	—	—	—	
Means	29·796	29·808	39·6	37·5	31·9	45·8	·213	·205	85·5	88·3	—	—	—	—	6·350	

SCALEBY.

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

MARCH 1881.

Day.	Barometer at 32° and M. S. L. 9 a.m.	9 p.m.	Air Temperature. 9 a.m.	9 p.m.	Min.	Max.	Tension of Vapour. 9 a.m.	9 p.m.	Relative Humidity. 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	29·943	30·053	30·3	26·8	20·0	34·0	·166	·110	99	78	SE 4	Calm 0	10	0	·070	✳ *p.*
2	30·251	30·285	21·3	22·8	15·0	35·0	·092	·118	83	98	NE 3	NE 4	8	3	—	
3	30·087	29·806	34·6	34·8	22·3	35·5	·193	·176	96	87	SE 5	E 9	10	10	—	
4	29·580	·493	33·8	34·8	32·0	35·5	·182	·162	93	80	E 7	E 8	10	5	—	↙
5	·422	·324	34·8	35·8	33·0	36·5	·162	·153	80	73	E 6	E 7	10	10	·360	✳ ↙ ▲
6	·233	·317	35·0	40·8	33·0	41·2	·197	·248	97	98	E 2	SE 2	10	10	·430	
7	·063	·176	40·8	38·8	37·5	53·0	·253	·214	93	91	E 2	NW 1	10	9	·050	
8	·406	·671	40·6	39·8	34·5	42·2	·214	·204	85	84	SW 6	SW 3	1	10	·530	
9	·555	·609	41·8	46·8	37·5	49·0	·258	·318	98	99	SW 4	SW 8	10	10	·510	↙ ●
10	·868	·896	47·8	48·0	46·2	51·5	·325	·328	98	98	SW 2	SW 4	10	10	·100	
11	·813	·899	46·8	47·8	46·0	50·0	·305	·330	95	99	SW 4	SW 3	10	10	·020	
12	·967	·973	43·6	41·3	37·2	53·2	·274	·225	97	88	E 1	E 3	4	0	—	
13	·888	29·771	41·8	43·8	36·2	45·0	·203	·239	77	84	NE 1	SE 4	10	10	·180	
14	29·775	30·099	45·8	43·6	42·0	48·5	·260	·263	85	93	S 5	SW 1	10	10	·020	
15	30·293	·369	45·3	39·8	33·5	55·0	·225	·223	75	92	E 2	E 1	0	0	—	
16	·368	·360	37·8	41·0	30·0	51·5	·209	·219	92	86	Calm 0	NE 2	9	4	·030	
17	·405	·414	41·3	50·8	38·2	51·0	·251	·298	97	80	SW 3	SW 4	10	10	—	
18	30·279	30·105	47·3	47·8	46·2	50·8	·265	·293	82	88	SW 5	SW 7	10	10	—	↙
19	29·961	29·896	47·0	43·8	43·2	49·0	·286	·265	90	93	W 9	SW 3	10	10	·010	↙ ● · Squalls 9*a.*
20	·823	·711	41·6	37·3	36·5	46·0	·219	·174	84	79	E 1	W 3	10	4	·030	▲ ●
21	·660	·744	29·8	29·8	26·2	37·5	·162	·136	98	82	SW 3	SW 6	10	0	·160	✳ ●
22	·867	·936	29·8	31·8	19·0	37·2	·148	·166	89	93	Calm 0	Calm 0	10	10	·100	✳ ●
23	·663	·108	37·0	41·0	29·2	41·0	·194	·225	89	88	SW 5	SW 4	10	10	·080	✳ ▲ ●
24	·128	·103	39·8	31·8	31·8	42·8	·188	·177	77	99	W 5	W 6	2	0	·110	✳ ▲ ●
25	·190	·514	40·6	34·8	31·5	43·0	·179	·162	70	80	W 6	Calm 0	4	0	—	
26	·764	·908	34·8	29·3	25·5	39·0	·129	·131	64	82	W 1	Calm 0	0	0	—	
27	·936	·944	38·8	30·8	25·6	43·5	·162	·122	69	71	Calm 0	Calm 0	8	0	—	
28	·916	·788	38·8	37·0	25·0	43·0	·178	·163	76	74	W 1	SW 2	1	4	—	
29	29·795	29·965	33·6	34·6	27·5	38·2	·164	·148	85	73	E 2	NE 1	10	0	·030	▲ ●
30	30·135	30·132	33·3	29·6	21·0	41·2	·139	·140	73	85	E 2	E 2	3	0	—	
31	30·138	30·043	34·0	33·8	22·0	45·8	·118	·153	60	79	E 2	E 4	0	0	—	
Means	29·812	29·820	38·4	37·8	31·8	44·1	·203	·203	85·5	86·3	3·2	3·3	7·4	5·5	2·820	

SCARBOROUGH.

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

MARCH 1881.

1	29·955	30·022	28·0	34·0	22·4	37·8	·095	·182	63	92	W 1	WSW 1	1	10	·030	✳ before 9*a.* and *p.*
2	30·227	30·333	30·5	30·0	26·5	38·7	·136	·140	77	83	WNW 1	WSW 1	1	0	—	
3	30·236	29·953	36·1	36·0	29·5	36·2	·188	·193	89	92	SSE 5	SSE 9	10	10	·020	↙ 2 ✳ · Gale heavy at night.
4	29·719	·612	33·4	33·0	32·3	36·0	·180	·188	95	100	SE 10	SE 9	10	10	·460	↙ 2 ✳ *a.* and *p.*
5	·537	·470	33·0	34·0	33·0	34·0	·188	·193	100	99	SE 10	SE 10	10	10	·920	↙ 2 ✳ ● *a.* and *p.*
6	·258	·387	36·9	41·3	33·5	49·1	·218	·253	99	98	WSW 1	SW 1	9	10	·200	≋ *p.*
7	·119	·064	49·0	44·0	40·4	54·8	·340	·261	98	90	SSW 4	W 2	10	10	·290	
8	·432	·687	43·1	41·1	39·0	47·3	·238	·220	85	85	WSW 2	WNW 2	10	2	·390	
9	·563	·599	49·5	51·0	39·5	55·0	·316	·339	90	91	W 2	W 5	10	7	·010	
10	·841	·920	53·2	50·9	48·5	55·1	·338	·367	83	99	W 2	WSW 2	8	10	·120	
11	·859	29·875	49·0	48·8	47·5	57·3	·315	·317	91	92	WSW 2	WSW 3	10	1	—	
12	29·986	30·053	47·3	38·8	38·0	49·2	·292	·236	90	100	NNW 1	SE 1	2	10	—	≋ 9*p.*
13	30·027	29·923	38·1	39·1	36·3	39·2	·204	·228	88	96	SSE 5	SSE 4	10	7	—	≋ before 9*a.*
14	29·904	30·081	40·1	38·0	38·0	40·5	·231	·217	93	95	SSE 4	SSE 1	9	5	—	
15	30·280	·376	42·2	38·1	35·4	44·8	·253	·224	94	97	NNE 1	ENE 1	4	1	—	
16	·359	·401	36·6	44·1	30·4	52·8	·204	·257	95	89	WSW 2	W 1	0	0	—	
17	·441	·424	47·3	49·1	37·5	60·8	·267	·325	83	93	WSW 2	WSW 1	6	1	—	
18	·295	30·149	51·0	48·0	47·0	51·1	·328	·290	87	87	WSW 5	W 4	10	7	—	
19	30·016	29·924	49·0	48·8	45·5	55·3	·312	·312	90	91	W 4	W 2	8	10	—	
20	29·832	·713	39·5	39·1	38·5	48·8	·228	·194	94	82	ENE 2	NNW 1	10	1	·080	▲ ● *p.*
21	·668	·571	36·7	32·2	30·5	42·3	·175	·164	80	90	NW 2	NW 3	1	5	·140	✳ *a.* and *p.*
22	·867	·891	30·5	34·9	29·0	40·1	·154	·203	91	100	WSW 1	WSW 1	10	0	·030	✳ *a.* and *p.*
23	·824	·193	35·4	39·1	29·8	44·5	·195	·231	94	97	SSE 3	S 5	10	10	·150	
24	·172	·155	44·1	35·0	34·5	45·8	·219	·166	76	80	WSW 3	WNW 3	5	0	·040	
25	·132	·452	42·2	37·7	32·2	46·0	·209	·208	79	92	NW 3	NNW 2	1	1	—	✳ before 9*a.*
26	·712	·877	38·6	32·8	32·5	39·3	·159	·147	68	79	NNW 2	NNW 1	4	0	—	
27	·970	·932	38·1	36·0	28·5	42·3	·169	·172	74	81	SW 2	SSW 2	1	10	—	
28	·913	·816	41·1	39·9	30·5	52·3	·193	·189	76	77	WSW 1	SSE 1	0	0	·020	
29	29·748	29·858	36·0	36·0	33·5	40·3	·196	·192	93	91	NNE 2	NW 5	10	0	·040	✳ *a.* and *p.*
30	30·090	30·151	37·1	34·0	33·5	41·3	·179	·149	81	76	N 3	NNE 1	5	0	—	
31	30·127	30·065	38·3	35·1	28·9	46·3	·167	·181	73	88	SSE 1	SSE 1	1	0	—	
Means	29·842	29·836	40·4	39·4	34·9	45·9	·222	·224	86·1	90·4	2·9	2·8	6·3	4·8	2·940	

Douglas, Isle of Man.

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

MARCH 1881.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	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	29·969	30·048	35·5	32·1	23·8	40·0	·160	·176	77	96	WSW 3	Calm 0	4	3	·030	✱ a. and p.
2	30·228	30·195	32·2	35·5	26·0	36·4	·149	·170	82	82	E 2	ESE 5	6	10	·060	⊔² [—1p. ⁄ ✱ 4p.—9p. and n.
3	29·919	29·631	34·0	34·2	33·9	42·2	·192	·194	98	98	ESE 8	ESE 10	10	10	·600	≡⁰ (mist) 9a. Squally ⁄ ✱ ▲ 7a.
4	·483	·354	35·0	36·2	32·1	37·0	·184	·199	90	93	ESE 7	E 8	10	10	·070	≡⁰ (mist) 9a. Squally ⁄ all day.
5	·308	·168	37·4	38·0	35·2	40·5	·204	·216	92	95	E 6	E 7	10	10	·610	Squally ⁄. ● 5a.—8a. and 11a.—8p.
6	·215	·274	44·8	44·8	37·0	50·6	·297	·283	100	96	WSW 3	Calm 0	10	10	·965	≡⁰ (mist) 9a. ●² from 7p.
7	·015	·230	45·4	43·7	42·0	47·7	·304	·265	100	92	SSW 4	W 2	8	8	·020	≡ a. and p.
8	·499	·758	42·0	43·4	40·0	44·9	·216	·226	82	80	W 5	WSW 3	4	10	·530	
9	·691	·744	50·0	50·2	41·6	51·0	·322	·332	90	92	W 6	W 4	9	10	·040	Squally ⁄ a. and p.
10	·943	·981	51·7	50·8	48·7	53·0	·327	·325	86	87	W 4	WSW 4	8	10	·020	
11	·939	·954	50·0	48·7	46·0	53·6	·322	·324	90	94	WSW 4	W 5	7	8	·020	
12	·985	·914	47·7	45·5	44·6	50·2	·331	·270	100	89	Calm 0	ESE 3	10	10	·010	≡⁰ 9a.
13	·782	29·697	42·0	44·2	40·9	45·7	·235	·281	89	97	ESE 5	SE 5	10	10	·110	⁄ a. ≡⁰ (mist) 9a. and p.
14	29·773	30·137	43·5	41·5	41·5	46·5	·271	·219	96	84	SE 2	N 2	10	4	·150	≡ ●² 9a. Wind NW. 10a.
15	30·283	·361	49·0	37·6	37·0	55·0	·217	·210	62	93	Calm 0	NW 1	0	0	—	≡⁰ (mist) 9a. ⊔
16	·372	·414	48·5	43·0	33·5	50·6	·249	·245	73	88	WNW 2	W 2	0	8	—	⊔
17	·459	·471	49·5	49·0	42·6	51·8	·315	·317	90	92	WSW 4	SW 2	10	8	—	
18	·339	30·230	49·0	47·3	46·4	53·5	·280	·276	80	85	WSW 5	SW 4	8	9	—	
19	30·060	29·955	49·7	44·4	44·0	52·8	·297	·283	84	97	W 5	NNW 1	6	10	·180	
20	29·864	·757	43·5	37·2	36·4	46·0	·240	·185	84	83	WNW 3	WNW 2	8	2	·010	▲⁰ at night.
21	·697	·807	36·0	30·3	30·3	40·2	·155	·144	72	85	W 4	NNW 4	6	3	·080	▲ 2a. ▲² noon. T ▲ 3p.
22	·909	·925	37·0	34·5	26·0	43·3	·182	·190	83	95	WNW 3	N 1	3	8	·020	✱² before 9a., ground covered.
23	·648	·141	39·8	43·8	32·5	46·8	·219	·239	90	83	S 5	WNW 3	10	3	·710	●² 9.30a.—7.30p.
24	·247	·250	41·7	35·2	34·2	43·8	·176	·152	67	74	W 5	WNW 5	3	4	·035	△ ✱² showers 1p.—5p.
25	·340	·537	36·0	32·3	32·3	39·0	·184	·180	87	98	WNW 6	WNW 4	10	10	·080	Squally ⁄ △ ✱ a. ✱ △ at night.
26	·773	·917	37·2	32·8	30·0	40·0	·163	·149	74	80	N 2	N 1	2	10	—	Ground covered with snow a.
27	·943	·937	38·2	30·8	30·7	43·0	·147	·152	63	88	SE 1	Calm 0	8	2	—	
28	·932	·850	42·5	31·5	25·5	46·7	·195	·152	73	85	W 1	Calm 0	0	0	—	⊔² a. and p.
29	29·788	29·983	42·0	29·5	29·5	43·3	·220	·098	83	60	NW 4	N 1	8	1	—	
30	30·116	30·115	37·0	33·2	27·5	39·4	·165	·136	75	72	NE 4	ENE 2	0	0	—	
31	30·085	29·976	37·5	40·0	33·0	40·5	·156	·186	70	75	ESE 3	E 5	2	2	—	
Means	29·826	29·829	42·1	39·4	35·6	45·6	·228	·219	83·3	87·4	3·7	3·1	6·5	6·5	4·350	

Wakefield.

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

MARCH 1881.

1	29·973	30·048	30·4	33·6	24·0	38·8	·164	·179	97	93	W 2	W 2	5	10	·060	✱ 9p.
2	30·257	30·319	21·0	29·4	19·1	33·6	·097	·151	88	93	ENE 2	S 2	10	8	·020	∞ 9a.
3	30·167	29·878	33·9	35·1	23·1	36·8	·177	·199	90	97	SE 3	ESE 6	10	10	·450	Rough and wild after 11.30a. ✱ p.
4	29·628	·529	32·5	34·1	31·4	35·2	·177	·195	97	99	ESE 7	SE 5	10	10	·750	✱ 9.30a.—1.30p. then ●.
5	·456	·362	34·1	35·1	33·4	35·1	·184	·183	94	89	ESE 3	E 1	10	10	1·200	✱ ● in past n., ●⁰ to 7p. then ●².
6	·290	·354	37·1	41·3	35·1	51·5	·204	·251	92	97	E 1	NNW 1	9	10	·180	●² in past n.
7	·106	·173	51·0	43·0	41·2	56·2	·343	·234	92	84	S 1	WSW 4	8	2	·110	Fine after 10a.
8	·483	·771	43·2	42·2	40·8	50·9	·217	·204	78	76	W 4	W 6	7	10	·120	
9	·667	·723	51·0	50·4	41·5	53·6	·319	·329	85	90	WNW 7	W 8	10	10	·140	Rough, wild day.
10	·910	·983	51·7	52·2	49·1	55·0	·319	·358	83	92	NW 4	W 2	10	10	—	
11	·920	29·944	49·0	49·8	48·4	52·8	·279	·294	80	82	W 4	WSW 4	6	7	—	Fine.
12	·981	30·032	49·0	45·2	44·7	53·8	·307	·252	89	84	W 2	ESE 2	5	8	—	
13	·983	29·891	38·1	41·1	36·2	46·0	·204	·215	88	83	ESE 2	SE 3	10	10	·080	Dull.
14	29·879	30·069	41·1	41·1	38·2	47·3	·234	·234	91	91	S 3	N 2	10	8	—	
15	30·287	·405	36·3	40·1	35·8	50·9	·204	·225	95	91	E 2	SE 2	10	0	—	Fine after 10a.
16	·371	·438	31·8	42·6	29·6	53·2	·161	·219	90	81	E 1	W 1	10	0	—	≡ 9a. then fine.
17	·455	·461	48·2	49·4	31·8	54·4	·262	·302	78	86	NW 2	SW 2	4	5	—	Fine.
18	·334	30·242	50·2	49·2	47·6	52·0	·294	·324	81	93	WNW 5	W 8	6	10	—	
19	30·082	29·935	47·7	48·4	45·9	50·2	·278	·305	85	90	W 7	W 4	10	10	·070	Dull and gloomy.
20	29·855	·747	44·0	38·4	38·0	48·4	·243	·225	84	97	W 2	W 2	10	0	·040	
21	·689	·631	36·9	31·8	31·2	41·9	·133	·139	61	77	NNW 2	NW 4	0	2	·020	
22	·876	·961	33·9	37·1	28·4	41·9	·181	·199	92	90	W 3	W 2	8	3	·010	
23	·795	·190	39·1	41·9	33·2	45·4	·211	·226	89	86	S 3	SSW 6	10	10	·080	
24	·218	·234	41·9	35·1	34·6	45·9	·189	·172	73	83	W 4	W 7	8	6	·030	Rough and wild.
25	·219	·531	36·9	34·7	33·0	42·9	·198	·186	90	93	NW 8	W 4	4	10	·230	✱ 9p.
26	·738	·926	34·8	33·9	31·2	41·3	·162	·158	80	80	N 2	W 2	10	6	—	
27	·991	·949	38·1	38·1	27·0	44·2	·170	·186	73	81	SW 2	SSW 2	8	3	—	Fine all day.
28	·924	·839	37·6	33·9	28·0	47·0	·160	·177	71	90	W 2	WNW 1	0	4	—	
29	29·757	29·976	37·5	30·8	29·4	38·1	·203	·151	91	88	N 1	N 2	10	0	·090	Dull with occasional ✱ till 4.30p., [then fine.
30	30·107	30·171	34·2	32·1	27·2	39·8	·188	·148	96	81	NNE 3	NE 2	0	2	—	Fine all day.
31	30·109	30·049	35·1	33·9	22·2	45·0	·148	·166	71	84	NE 2	ENE 3	0	0	—	Fine all day.
Means	29·855	29·843	39·6	39·5	34·2	46·1	·213	·219	85·3	87·8	3·1	3·3	7·4	6·3	3·680	

Llandudno.

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

MARCH 1881.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	
	ins.	ins.	°	°	°	°	in.	in.	%	%					ins.	
1	30·015	30·069	39·0	38·1	31·3	42·6	·171	·199	73	87	W 1	W 2	0	7	·040	✱ before 9a.; thawed by noon. ▲ [showers p.
2	30·221	30·200	38·2	36·4	33·7	40·5	·203	·176	83	83	NE 1	E 1	1	7	·030	✱ ▲ n. ∞ p.
3	29·931	29·633	34·7	35·0	32·0	38·9	·154	·169	76	82	SE 5	SE 7	10	10	·175	✱ before 9a. ⁄ in squalls with [▲ and ✱ ● (sleet). ✱ n.
4	·443	·341	37·0	39·0	33·8	39·1	·188	·214	86	90	SE 2	E 1	10	10	·110	≡
5	·297	·134	40·8	43·0	37·7	49·6	·238	·255	94	92	SE 1	SE 2	10	10	·320	
6	·244	·283	48·2	49·0	39·3	53·3	·293	·322	88	93	W 1	W 0·6	10	10	·090	Dull and mild.
7	·077	·263	50·8	45·0	42·5	51·9	·309	·275	83	92	W 1	W 1	7	10	·056	Mild.
8	·575	·846	46·0	44·0	40·6	46·3	·231	·225	75	78	W 2	W 3	8	10	·420	Dull and cold.
9	29·776	29·828	49·2	48·6	43·2	51·4	·299	·312	86	92	W 4	W 5	10	10	·040	Squally a. and p.
10	30·016	30·039	48·7	49·0	47·6	53·0	·321	·322	94	93	W 1	W 3	10	10	·035	
11	29·988	29·986	51·0	48·0	47·0	53·4	·285	·272	76	82	W 1	W 2	1	0	·030	Fine day.
12	·991	·938	48·0	48·3	44·4	50·8	·309	·289	93	86	W 0·6	NE 1	10	5	—	≡ p.
13	·806	29·735	44·6	47·0	44·3	50·0	·243	·298	82	93	E 3	S 4	10	9	·030	Dull and gloomy.
14	29·775	30·113	49·8	42·7	42·0	52·0	·315	·252	88	92	S 1	N 0·6	10	10	·230	● ≡ after 4p.
15	30·291	·364	42·7	41·1	40·7	48·4	·238	·224	86	87	NE 1	NE 0·6	10	0	—	≡ a. and p.
16	·381	·454	45·7	43·1	37·0	50·8	·240	·233	79	83	W 0·6	N 0·6	0	0	—	Very fine.
17	·507	·517	50·5	51·4	39·6	56·0	·270	·303	74	80	W 1	W 2	10	10	—	Very fine.
18	·423	·302	47·5	47·6	46·6	51·6	·267	·268	82	82	W 4	W 5	10	10	—	
19	30·164	30·006	48·4	48·3	45·0	53·7	·268	·283	79	84	W 3	W 3	10	10	—	
20	29·884	29·792	44·5	41·3	41·0	48·6	·272	·232	93	90	W 0·6	WNW 1	10	0	·130	
21	·748	·808	33·4	35·0	31·3	43·0	·172	·136	91	67	NW 1	W 5	10	1	—	
22	·907	·946	36·2	40·0	31·0	44·7	·182	·182	86	73	E 1	W 0·6	6	0	·300	✱² showers a. and p.
23	·728	·173	40·4	47·4	36·2	51·5	·203	·301	81	92	SW 1	SE 6	10	10	—	✱² n., melted by noon.
24	·321	·326	42·0	37·5	37·0	47·9	·185	·171	71	76	W 1	W 5	1	0	·025	Squally ⁄ p.
25	·406	·565	39·0	36·4	33·8	43·2	·165	·137	70	64	W 3	WNW 2	10	8	·070	Squally ⁄ p. ▲ showers p.
26	·731	·900	38·0	33·8	31·9	41·6	·185	·137	81	70	SW 0·6	NE 1	9	0	—	Occasional ✱⁰ showers.
27	·944	·939	36·9	39·5	30·4	42·5	·162	·185	75	77	NW 0·6	N 1	10	0	—	✱⁰ showers a.
28	·938	·864	40·6	36·0	29·8	46·0	·161	·174	64	82	S 1	N 0·6	0	0	—	Very fine. ∞ p.
29	29·797	29·975	43·9	35·8	31·8	45·7	·236	·114	82	54	NW 0·6	N 6	10	0	—	
30	30·115	30·110	35·9	35·0	29·8	40·4	·142	·136	67	67	E 2	E 2	0	0	—	Sea ≡ 4.30p.—6.30p. Very cold.
31	30·059	29·954	38·4	38·8	28·0	43·9	·148	·166	64	71	E 2	E 2	0	0	—	∞ p. Very cold.
Means	29·855	29·852	42·9	42·0	37·4	47·5	·228	·225	80·9	81·7	1·6	2·5	7·2	5·4	2·131	

Buxton.

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

MARCH 1881.

1	30·049	30·102	29·9	31·7	15·3	36·0	·154	·172	94	96	NW 4	NW 4	9	10	—	✱⁰ 9p.
2	·291	30·356	29·9	30·4	20·9	37·0	·142	·158	85	94	NW 1	E 2	5	10	—	✱ p.
3	30·073	29·881	31·9	30·3	29·0	34·0	·171	·160	95	96	SE 4	SE 4	10	10	·450	✱ a. and p. ⁄.
4	29·647	·502	30·4	32·1	28·5	32·5	·167	·179	99	99	SE 3	NE 3	10	10	·250	✱ before 9a. ~ ⁄ ● ✱ a. and p.
5	·466	·345	32·5	33·1	31·2	33·7	·184	·186	100	99	SE 2	SE 3	10	10	1·020	~ ⁄ a. ● ✱ (sleet). ● later.
6	·336	·412	43·5	44·9	32·3	51·5	·242	·286	86	96	W 2	W 1	5	10	·455	≡⁰ (mist) p.
7	·185	·254	48·9	41·1	39·8	51·7	·301	·232	88	90	WSW 3	SW 3	5	10	·310	
8	·556	·860	39·7	38·4	35·5	44·6	·203	·195	83	85	NW 5	NW 4	7	7	1·560	⁄ ● ✱ p.
9	29·749	29·855	46·6	46·9	37·8	50·1	·301	·304	95	95	NW 7	NW 7	10	10	·430	⁄ all day.
10	30·005	30·080	48·9	48·9	45·9	52·2	·301	·334	88	97	NW 5	NW 4	10	10	·380	⁄ a. and p.
11	·061	·039	45·4	44·9	43·5	51·2	·262	·270	87	91	WNW 2	NW 3	10	8	·040	
12	·044	30·044	45·4	40·5	39·8	45·5	·292	·206	96	82	Calm 0	SE 4	10	3	—	≡ 9a. ⋓ 9p.
13	30·012	29·925	34·7	37·9	34·3	41·5	·197	·208	98	91	SE 2	SE 2	10	10	·150	≡ 9a.
14	29·914	30·096	37·9	40·9	36·3	49·8	·218	·234	96	92	SE 1	SE 1	10	10	—	≡⁰ (mist) p.
15	30·300	·431	40·1	33·9	32·8	51·3	·204	·176	82	90	SE 1	NW 1	4	0	—	
16	·448	·498	33·4	37·4	27·2	51·2	·182	·214	96	95	ESE 2	NW 1	5	0	—	∞ 9a.
17	·526	·537	45·9	46·4	34·5	52·2	·286	·303	93	96	NW 3	WNW 4	7	5	—	♔ p.
18	·464	·287	46·9	43·9	41·9	50·1	·297	·264	93	92	NW 4	W 4	8	5	—	
19	30·190	30·026	42·9	44·4	40·3	50·1	·237	·280	86	96	WNW 3	NW 4	10	10	·365	
20	29·888	29·815	39·9	35·7	33·1	45·6	·235	·186	96	89	NW 2	NW 2	10	10	·100	● ✱ p.
21	·752	29·704	34·4	29·9	28·2	39·5	·152	·154	76	94	NW 4	NW 3	3	7	·075	✱ a. ✱ ▲ ☈ ⁄ p.
22	·951	30·000	30·1	34·9	24·0	38·2	·128	·157	76	77	NW 2	WNW 2	6	4	—	✱ a. Primroses in bloom.
23	·825	29·300	37·6	36·9	31·9	40·5	·201	·205	90	94	SW 2	W 6	7	10	·250	✱ ● ⁄ p.
24	·305	·325	40·4	32·4	30·5	43·1	·183	·179	73	98	NW 5	NW 6	5	2	·540	⁄ ▲ ✱ ✢
25	·349	·569	31·9	31·9	29·0	34·0	·171	·159	95	88	NW 3	NW 2	10	10	·760	✱ ⁄ ✢ a. (✱ 8 inches deep.)
26	29·784	·971	33·4	29·1	27·5	37·6	·162	·116	85	74	NE 2	SE 1	5	10	—	✱ before 9a., 1 foot deep.
27	30·032	·984	30·6	32·7	23·0	41·7	·160	·160	94	87	NE 1	NE 1	9	10	—	
28	29·991	29·920	33·9	31·6	15·9	46·1	·157	·149	80	84	E 1	NW 1	0	0	—	≡⁰ (mist) 9a.
29	29·817	30·021	37·3	24·3	23·0	41·1	·201	·088	91	68	NW 1	NW 1	10	0	—	
30	30·145	·181	33·4	27·9	23·3	39·3	·186	·124	98	82	SE 3	NE 2	2	0	—	
31	30·142	30·085	34·9	29·6	21·6	41·8	·157	·147	77	90	SE 3	NE 3		0	—	
Means	29·913	29·916	37·8	36·3	30·9	43·7	·208	·200	89·4	90·2	2·7	2·9	7·4	6·8	7·135	

HILLINGTON, NORFOLK.

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

MARCH 1881.

Day.	Barometer at 32° and M. S. L. 9 a.m.	Barometer 9 p.m.	Air Temperature. 9 a.m.	Air Temp. 9 p.m.	Min.	Max.	Tension of Vapour. 9 a.m.	Tension 9 p.m.	Relative Humidity. 9 a.m.	Humidity 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	29·999	30·081	30·0	30·5	25·1	34·9	·110	·139	69	77	W 1	WSW 0·5	0	0	—	⌣ a. Very fine and sunny. Freezing [in shade all day.
2	30·247	30·340	31·3	30·0	29·7	40·8	·145	·132	82	79	NW 1	ESE 1	9	6	—	Very fine and sunny.
3	30·233	29·881	35·4	35·1	29·3	38·3	·172	·196	83	96	SE 4	SE 9	10	10	·050	⸝ (gale) at night.
4	29·629	·487	33·3	35·0	32·0	35·9	·177	·196	94	96	SE 7	ESE 8	10	10	·184	✳ a. ● 2 ⌒ 5.15p. ⸝ a. and p.
5	·435	·373	37·1	38·1	34·1	39·4	·215	·228	97	99	ESE 4	SE 3	10	10	·472	
6	·295	·449	48·5	50·2	37·1	56·4	·311	·348	92	96	SW 4	S 2	4	10	·157	● 2 ⸝ before 9a.
7	·243	·233	53·1	44·6	44·5	58·3	·393	·254	97	85	SW 3	SW 8	10	8	·098	⸝ (gale) at night.
8	·531	·749	44·9	41·8	40·9	48·4	·253	·221	85	84	W 4	WNW 8	9	8	·195	△ ✳ ● 2 p. ⸝ 9p.
9	·734	29·770	48·8	51·1	39·7	53·7	·315	·321	91	85	NW 6	WNW 7	10	10	·003	⸝ p.
10	·937	30·011	52·5	51·4	51·1	57·6	·334	·364	84	95	NW 3	SW 2	10	10	·107	
11	·986	29·963	52·5	48·6	46·2	59·7	·293	·325	77	90	WNW 4	NW 1	8	8	·003	
12	29·977	30·038	49·0	37·6	37·2	57·7	·312	·215	90	96	NW 1	SE 2	10	10	—	
13	30·032	29·929	40·5	38·7	35·4	45·4	·198	·211	79	90	SE 5	SE 2	7	8	—	Much cir. and cir.-c. p.
14	29·911	30·042	39·5	33·0	33·0	45·6	·205	·154	85	82	SE 2	SE 1	10	5	·006	⌣ a. Much cir. p.
15	30·215	·349	43·7	34·5	29·3	54·3	·238	·182	83	91	SE 2	SE 0·5	5	4	·002	⌣ early a. Much cir. p.
16	·406	·406	41·9	38·9	25·9	59·4	·234	·231	89	98	S 0·5	S 0·5	0	6	·002	⌣ 2 early a. Very fine day. ⌒ 9p.
17	·502	·487	42·6	45·3	30·3	58·4	·249	·284	91	94	SW 1	W 1	3	7	·004	⌣ 2 early a. Very fine day.
18	·428	30·284	46·3	47·0	38·8	58·1	·286	·266	92	83	W 3	NW 4	7	8	—	⌒ 2 9a. Much cir. p.
19	30·151	29·983	45·7	46·8	40·4	57·4	·301	·267	98	84	NW 4	SW 2	8	0	·052	Much cir.-c.
20	29·841	·744	43·8	40·2	40·1	47·3	·284	·214	99	87	NW 0·5	WNW 1	10	6	·057	
21	·694	·618	38·4	31·2	29·2	44·5	·181	·162	79	93	NW 3	W 4	7	10	·068	✳ 0 3p. ✳ 2 5.45 p.
22	·903	·971	35·4	35·4	30·2	41·4	·160	·169	77	81	NW 2	W 2	10	10	—	✳ 0 4.30p.
23	·896	·371	38·9	40·2	27·1	48·7	·188	·218	81	88	SW 1	S 5	10	10	·187	⌣ a.
24	·271	·280	44·3	38·9	38·4	47·4	·232	·182	80	78	NW 3	SW 4	5	3	—	
25	·261	·475	36·8	36·2	31·2	43·2	·160	·186	73	87	NW 6	NW 5	10	10	·380	Blustering cold wind. ● 2 10p.
26	·711	·883	35·4	28·5	28·1	42·3	·207	·136	100	88	W 0·5	NE 0·5	10	1	·020	✳ 1½ ins. deep a.; nearly gone 1p.
27	·989	·952	41·3	34·5	23·0	42·6	·191	·150	75	74	NE 0·5	NE 1	8	10	·002	⌣ 2 before 9a. [⌣ 2 9p.
28	·948	·860	41·6	31·3	23·1	48·1	·163	·154	63	88	E 0·5	NE 0·5	1	0	·002	⌣ 2 before 9a. Very fine day.
29	29·739	29·896	36·7	30·0	23·9	48·4	·184	·145	84	86	NW 0·5	N 0·5	0	1	·002	⌣ 2 before 9a. ✳ 0 3p. and 4.30p.
30	30·058	30·113	39·4	27·2	26·0	45·5	·151	·111	63	76	NE 2	NE 0·5	6	3	—	⌣ 2 before 9a.
31	30·090	30·013	40·2	32·7	26·3	46·7	·168	·154	67	83	SE 3	E 4	8	0	·002	⌣ 2 before 9a.
Means	29·881	29·872	41·5	38·2	33·1	48·6	·226	·209	83·7	87·5	2·6	2·9	7·1	6·5	2·056	

UPPINGHAM.

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

MARCH 1881.

Day.	Barometer 9 a.m.	Barometer 9 p.m.	Air Temperature 9 a.m.	Air Temp. 9 p.m.	Min.	Max.	Tension of Vapour 9 a.m.	Tension 9 p.m.	Relative Humidity 9 a.m.	Humidity 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	30·035	30·109	28·5	30·6	22·4	38·8	·114	·141	73	82	WbyN 2	SSW 2	0	0	·010	Fine bright day.
2	·256	30·330	32·9	32·1	29·8	40·5	·166	·156	89	86	NWbyW 1	Calm 0	10	10	—	Bright and warm p.
3	30·180	29·865	33·6	33·4	31·0	36·3	·172	·139	89	73	SE 4	SEbyE 6	10	10	·117	✳ ⸝ 3p.—4p. [from 10a. ≋ 3p.
4	29·595	·476	32·6	36·0	31·7	36·2	·177	·208	96	98	ESE 3	Calm 0	10	10	·443	✳ early a. then ● 0. Scotch ≋
5	·403	·329	38·0	40·9	35·2	42·0	·228	·252	100	99	NE 1	Calm 0	10	10	·471	≋ 2 all day. ● 5p.-11p. Wind rising [10p.
6	·343	·417	46·9	49·7	40·1	55·0	·276	·336	87	94	SWbyS 4	SW 4	4	10	·028	Bright till 5p.
7	·206	·229	52·3	43·6	43·2	54·3	·307	·243	78	86	SSW 6	NWbyW 6	3	5	·071	
8	·552	·809	42·3	40·3	40·1	47·2	·211	·246	79	98	WbyN 4	WbyS 4	5	10	·068	△ a. ⸝ from 5p. Ψ 0 9p.
9	·765	29·807	48·7	49·5	39·3	51·9	·301	·294	87	84	WbyS 4	W 7	10	10	—	Dull and warm p. ⸝ late p.
10	29·944	30·035	51·8	50·8	48·5	55·0	·307	·349	79	93	W 4	WSW 3	10	10	—	Dull warm day.
11	30·011	29·998	50·1	45·1	45·1	58·6	·270	·272	75	90	W 4	WSW 2	6	6	—	Bright and warm. Ψ 0 9p.
12	29·993	30·022	47·2	42·8	41·8	53·4	·289	·245	90	89	WbyN 1	ESE 1	10	8	—	Much cir.-s.
13	·993	29·909	38·0	37·8	35·8	46·5	·208	·210	91	93	SSE 3	ESE 2	10	10	—	
14	29·880	30·051	39·5	36·0	35·7	49·5	·211	·193	87	91	SE 2	ESE 1	10	1	—	≋ 0 late p. ⌒ 2 Midnight.
15	30·219	·358	33·9	35·8	30·1	52·7	·193	·191	99	91	NbyW 2	Calm 0	10	0	—	⌣ 7a. ⌒ 9a. ≋ till 10a. Bright p.
16	·398	·420	43·0	46·7	31·1	57·9	·226	·228	82	73	SSE 1	NWbyN 1	0	0	—	⌣ 7a. Cloudless all day. ∞ 9p.
17	·520	·511	45·0	48·2	36·0	57·8	·253	·290	85	87	W 1	W by S 1	1	10	—	∞ 0 ⌒ 0 a. Sunny with cold wind.
18	·437	·317	47·0	44·8	38·6	55·9	·282	·264	88	89	SWbyS 3	W by S 6	9	10	—	Red sunset. Stormy cir.-s. 9p. [≋ 0.
19	30·176	30·021	46·2	45·5	39·0	56·4	·261	·259	84	86	W 3	W 2	9	1	—	Bright day.
20	29·846	29·785	43·8	37·6	37·6	46·6	·279	·193	98	85	WNW 1	W 1	10	10	·010	∞ 0 9p.
21	·720	29·657	37·2	30·0	29·2	43·9	·177	·158	80	95	NW 2	NW 2	8	6	·026	≋ 0 8a. ✳ showers p.
22	·925	30·003	31·0	33·2	25·8	39·6	·143	·186	82	98	WNW 2	W 1	10	9	—	✳ Noon, then bright.
23	·881	29·339	36·8	38·5	30·2	44·9	·215	·227	98	98	SW 2	SSW 7	10	10	·092	Cold day. ● from 6p.
24	·303	·317	41·8	39·0	36·1	46·5	·263	·181	99	77	NW 3	swb.W 4	9	5	—	Dull day. Wind rising in evening.
25	·305	·531	37·0	33·2	28·0	39·5	·143	·165	65	87	W by N 6	NWb.W 3	9	10	·069	⸝ a., bitterly cold. ✳ 0 ● 0 from 1p. [✳ 0 later.
26	·731	·899	31·0	32·0	27·0	40·8	·174	·177	100	97	NW 1	Calm 0	10	10	·010	✳ 2 8a.-8.30a., then ● 0. ≋ 0 9p.
27	·990	·960	33·2	31·1	30·1	42·8	·161	·142	84	81	Calm 0	ESE 1	10	2	—	
28	·946	·871	37·1	33·3	25·4	48·9	·150	·158	68	83	SEbyE 1	ESE 1	0	0	—	⌣ 6.30a. Cloudless all day.
29	29·755	29·938	42·4	28·2	27·4	49·6	·185	·122	68	79	NW 2	N by E 2	0	1	—	⌣ ≋ 0 7.30a. ∞ 0 9a. ✳ 0 2p.-6p.
30	30·066	30·130	37·0	28·3	26·4	44·6	·162	·112	74	72	E 3	ENE 1	3	0	—	
31	30·083	30·008	36·5	30·9	25·5	49·2	·152	·141	70	80	E by S 1	E by N 2	8	0	—	
Means	29·886	29·886	40·1	38·2	33·7	47·8	·215	·209	84·6	87·5	2·5	2·4	7·2	6·3	1·475	

CHURCHSTOKE.

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

MARCH 1881.

Day.	Barometer at 32° and M. S. L. 9 a.m.	Barometer 9 p.m.	Air Temperature. 9 a.m.	Air Temp. 9 p.m.	Min.	Max.	Tension of Vapour. 9 a.m.	Tension 9 p.m.	Relative Humidity. 9 a.m.	Humidity 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	30·073	30·117	27·9	33·9	16·3	39·0	·121	·156	80	79	Calm 0	SW 4	0	0	·082	
2	30·244	30·230	34·5	35·0	30·9	40·9	·183	·163	92	79	Calm 0	SE 4	10	8	—	✳ n. and a.
3	29·952	29·691	34·8	33·3	31·1	36·4	·180	·177	89	94	SE 10	SE 10	10	10	·170	✳ ⸝ 2. Bitterly cold.
4	·486	·322	34·9	40·7	31·8	40·8	·193	·247	95	97	SSE 2	SSE 2	10	10	·380	● 2 9p.
5	·310	·125	45·8	49·7	40·0	50·5	·296	·335	96	94	SSE 2	SSE 4	10	10	·465	● 2 all day. Warm.
6	·330	·362	47·9	49·9	45·4	56·1	·267	·333	81	93	SW 2	SW 3	10	10	·255	
7	·152	·340	49·9	44·5	43·1	51·7	·308	·273	86	94	SW 4	SW 2	8	8	·230	● 2 showers.
8	·626	·902	42·2	41·4	38·9	46·9	·211	·210	80	81	WNW 2	WNW 2	8	2	·092	
9	29·857	29·914	48·3	49·1	40·2	50·0	·308	·321	92	92	WNW 8	WNW 5	10	10	·118	⸝ ●
10	30·034	30·090	50·8	49·9	47·4	53·0	·348	·335	93	93	NW 3	NW 2	10	10	—	⸝ d
11	·065	30·052	48·8	47·7	45·6	54·7	·252	·278	73	85	WNW 3	NW 2	5	10	—	⸝ d
12	30·016	29·956	45·0	48·0	40·0	51·0	·273	·293	91	88	NW 1	SSE 1	10	8	—	⸝ d
13	29·849	29·795	41·9	45·8	40·5	48·7	·233	·287	89	93	SE 2	SSE 4	10	10	·074	⸝ ≋ p.
14	29·839	30·090	43·7	43·6	41·1	50·0	·267	·259	93	91	SE 1	ENE 1	10	10	·029	≋
15	30·277	·379	41·2	38·8	35·0	50·7	·219	·199	85	84	ENE 2	SE 1	8	2	—	≋ d
16	·412	·480	39·0	37·5	30·9	57·3	·215	·208	91	93	SE 1	SE 1	0	0	—	≋ d
17	·565	·570	44·0	44·7	31·1	58·0	·223	·259	76	88	SW 1	SW 1	2	5	—	≋ 2 Bright and warm.
18	·501	·380	46·7	46·0	40·9	52·3	·253	·262	80	85	WNW 2	NW 2	5	10	—	
19	30·201	30·072	47·8	46·4	43·2	49·2	·243	·257	73	82	WNW 10	WNW 1	6	10	—	⸝ 2 a.
20	29·878	29·829	44·8	38·8	36·5	47·1	·271	·199	92	84	W 4	NW 2	10	2	—	⸝ d
21	·775	29·750	36·8	30·9	28·2	41·9	·176	·148	81	85	NNW 1	NNW 2	8	0	·105	⸝ d a. △ 2 ✳
22	·894	30·020	31·8	33·0	26·7	43·9	·168	·127	94	68	WNW 2	NW 1	9	0	·069	T △ before 9a.
23	·764	29·235	38·2	43·2	29·2	43·5	·186	·259	81	92	SW 2	SW 8	10	10	—	⸝ d a. T △ a. Stormy all day.
24	·350	·378	41·2	37·3	33·1	47·2	·190	·167	74	75	WNW 2	NW 2	8	4	—	
25	·442	·620	37·7	32·9	30·0	41·4	·174	·112	76	60	NW 4	NW 1	5	0	—	⸝ ✳ ●
26	·767	·918	34·5	32·0	24·4	39·5	·151	·143	75	79	W 1	NE 1	5	0	—	✳ before 9a. ≋ 0 (mist) 9p.
27	·976	·970	34·8	29·9	24·4	43·3	·155	·139	76	84	ENE 2	Calm 0	0	0	—	≋ a. and p. ⌣ p.
28	·964	·883	31·3	33·7	21·1	45·2	·143	·154	81	80	ENE 1	NE 1	0	0	—	≋ (mist) a. ⌣
29	29·800	29·980	39·8	29·9	24·1	50·6	·156	·139	63	84	WSW 2	NE 2	0	2	—	⌣
30	30·085	30·114	33·9	31·1	23·4	42·7	·172	·124	88	70	ENE 4	E 1	4	0	—	∞
31	30·051	29·981	36·1	33·9	25·1	45·2	·170	·157	79	80	E 4	E 2	6	0	—	≋ 0 (mist) p.
Means	29·888	29·889	40·5	39·8	33·5	47·4	·216	·217	83·7	84·7	2·7	2·4	6·7	5·2	2·069	

GELDESTON.

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

MARCH 1881.

Day.	Barometer 9 a.m.	Barometer 9 p.m.	Air Temperature 9 a.m.	Air Temp. 9 p.m.	Min.	Max.	Tension of Vapour 9 a.m.	Tension 9 p.m.	Relative Humidity 9 a.m.	Humidity 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	29·992	30·105	28·7	30·9	22·6	39·7	·111	·130	71	74	W 2	WSW 2	0	0	—	⌣ 0 9a.
2	30·229	30·356	33·8	30·3	30·1	42·8	·162	·156	83	93	NNW 2	E 1	8	0	—	✳ 0 before 9a. Ψ. ⌣ 0 9p.
3	30·261	29·949	36·1	36·1	30·0	38·0	·172	·143	80	66	ESE 4	ESE 6	10	10	·030	⸝
4	29·677	·555	33·2	36·1	33·0	36·2	·186	·209	98	98	ESE 6	E 6	10	10	·210	✳ a. △ 0.25p. ⸝
5	.462	·443	38·1	40·0	34·9	40·0	·227	·247	99	100	E 4	E 3	10	10	·530	● 0 a. ≋ 6p. ● 2 later.
6	·355	·486	50·0	49·7	39·7	57·6	·304	·329	85	92	WSW 3	SW 2	8	10	·010	
7	·298	·132	51·9	49·9	47·1	58·4	·364	·318	95	89	SSW 4	WSW 6	10	10	·190	△ 2 3.30p. ⸝ ●. [3.30p.
8	·513	·738	47·9	43·9	40·1	49·9	·264	·210	80	73	W 4	W 6	9	7	·170	Coloured ○ 0 2p. Squall of ⸝ 2 △
9	·741	29·800	48·8	50·9	40·4	55·2	·300	·303	87	82	WSW 4	W 6	10	10	·020	⸝ ●
10	·914	30·014	53·1	52·1	49·8	57·0	·326	·360	80	92	W 3	WSW 2	10	10	—	Ψ [10.30p.
11	·986	29·953	50·5	49·3	48·9	60·3	·299	·313	82	90	W 3	W 1	7	3	—	⌒ 9p. Ψ 10p., 22½°, no colour. Ψ 0
12	29·980	30·050	48·0	49·0	39·3	52·3	·307	·226	92	92	NW 1	ENE 3	10	10	—	≋ 0 ⌒ 9a. ⌒ 9p.
13	30·069	29·964	39·0	41·1	36·9	43·5	·199	·214	84	83	SE 4	ESE 4	9	7	—	⌒ 0 9a. Ψ 0 p. Ψ ⌒ 9p.
14	29·929	30·032	40·7	39·0	37·0	44·8	·200	·210	79	89	SE 4	ENE 1	10	8	—	Coloured ○, 22½°, 8a.—1p. ⌒ 9p.
15	30·227	·349	43·1	37·4	31·3	49·6	·233	·208	83	93	ESE 2	E 1	8	0	—	⌣ 0 ⌒ 2 ○ 9a. ○ 0 5p. Ψ [(red inside), 9p. ≋ 0 10p.
16	·402	·413	41·2	41·0	27·7	60·8	·253	·187	98	73	Calm 0	S 1	1	0	—	≋ ⌣ 8a. ≋ 0 ⌣ 0 ⌒ 2 9a. ⌒ 2 9p.
17	·485	·489	42·6	47·9	33·5	59·7	·221	·278	82	84	WNW 1	WNW 1	0	0	—	≋ ⌒ 9a. ≋ ⌒ 9p. Ψ with [mock moons 10.35p.
18	·432	30·262	48·4	48·1	40·3	58·8	·283	·277	84	83	WSW 2	SW 4	8	5	—	Ψ with mock moons early a. ≋ ⌒ 2
19	30·140	29·988	47·0	48·1	41·6	58·8	·251	·271	78	81	W 4	W 3	9	0	—	9a. and 9p. ∞ 4p. [9a. ⌒ 0 9p.
20	29·829	·737	45·0	43·0	40·9	48·1	·275	·234	92	84	W 2	WNW 2	10	3	·040	
21	·679	·639	40·3	30·0	30·0	47·8	·188	·153	75	92	NW 2	WSW 1	8	0	·040	Coloured ○ 11a. ✳ 5.15p.
22	·863	·988	34·1	35·1	29·3	42·9	·157	·150	79	73	NW 3	WSW 2	8	2	—	✳ 9.15a.
23	·935	·431	42·1	42·0	29·0	47·8	·173	·223	65	84	SSW 2	SSW 6	3	10	·090	Coloured ○ 0 8a. ⌒ 0 9a. ⸝
24	·284	·289	44·0	42·0	40·0	47·7	·224	·176	77	67	W 3	WSW 2	10	2	—	
25	·256	·473	37·1	37·1	33·5	42·1	·156	·183	71	83	W 6	W 5	10	10	·120	✳ 0 before 9a. ⸝
26	·696	·887	33·1	31·1	31·0	37·5	·185	·147	98	84	W 2	N 1	10	0	·080	✳ 9a. △ 1p. ● 0. ⌣ 9p.
27	·979	·960	39·1	32·1	25·4	45·0	·175	·138	74	75	NNE 1	NE 1	0	0	—	⌣ 0 9p. ⌒ 2.
28	·935	·868	40·0	31·1	27·2	45·1	·158	·147	64	84	NE 1	ENE 1	8	0	—	⌣ 0 9p.
29	29·735	29·877	36·3	32·3	24·2	53·3	·174	·133	81	72	WNW 1	NW 2	0	0	·010	⌣ 8a. ⌣ 0 ⌒ 2 ≋ 0 9a. ✳ 0 5p.
30	30·035	30·110	39·4	35·1	28·9	43·5	·160	·129	67	63	NNE 2	ENE 2	5	0	—	△ 0
31	30·088	30·001	39·4	36·1	33·3	42·0	·148	·162	62	75	ESE 3	ENE 4	5	0	—	
Means	29·884	29·882	41·7	40·0	34·7	48·6	·220	·212	81·5	82·7	2·7	2·8	7·2	4·4	1·540	

CHELTENHAM.

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

MARCH 1881.

Day.	Barometer at 32° and M. S. L. 9 a.m.	9 p.m.	Air Temperature. 9 a.m.	9 p.m.	Min.	Max.	Tension of Vapour. 9 a.m.	9 p.m.	Relative Humidity. 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	30·065	30·100	31·5	33·8	19·5	39·7	·145	·128	81	65	NW	1	N	1	6	0	—	Very bright day.
2	·232	30·253	35·8	35·8	31·7	44·0	·196	·194	94	93	W	1	S	5	10	10	—	Very bright day.
3	30·025	29·692	36·1	37·4	33·8	38·6	·148	·170	70	76	SE	5	SE	10	10	10	·320	☄ 2 all day. Squally *p.*
4	29·449	·347	38·8	48·2	33·0	48·6	·221	·323	95	96	SE	3	SE	2	10	10	·200	● 2 all day.
5	·327	·180	47·8	51·1	45·0	55·0	·305	·346	92	92	SE	1	SE	2	10	10	·430	● 2 from 6*p.*
6	·383	·407	48·8	52·5	45·6	56·3	·279	·331	81	84	SW	2	SW	1	6	10	·130	Fine *a.* ● *p.*
7	·206	·331	53·8	47·0	46·0	54·9	·306	·256	74	80	SW	1	W	1	5	6	·220	Ψ Ψ *p.*
8	·622	·922	45·0	43·4	42·3	48·6	·215	·196	72	70	NW	2	W	2	5	8	·010	Very fine all day.
9	29·868	29·940	50·9	50·1	41·5	53·8	·304	·302	82	83	W	3	W	2	10	10	·010	Very fine day.
10	30·034	30·096	51·6	49·6	48·0	57·0	·329	·322	86	91	S	1	W	1	10	10	—	Beautiful day.
11	·058	30·028	50·5	46·7	46·0	58·1	·262	·286	72	90	W	1	NW	1	6	6	—	Beautiful day.
12	30·004	29·957	45·7	48·1	35·0	53·6	·286	·297	94	89	N	1	Calm	0	9	6	—	Beautiful day.
13	29·901	·804	41·4	45·2	40·6	49·1	·233	·259	90	86	SE	2	SE	5	10	10	·100	Squally 9*p.*
14	29·818	29·995	45·4	46·9	41·0	53·7	·252	·255	84	80	S	1	S	1	6	10	—	Very fine day.
15	30·228	30·325	38·5	37·8	36·0	51·4	·207	·214	90	94	E	1	Calm	0	9	2	—	Beautiful day.
16	·386	·422	36·8	46·0	28·8	58·1	·204	·259	94	84	Calm	0	Calm	0	6	3	—	[day. ≋9 (mist) 9*a.* and *p.* ⊕. Very fine
17	·529	·534	44·2	41·8	29·3	58·5	·236	·237	81	90	Calm	0	Calm	0	4	6	—	Very fine day.
18	·497	·376	45·2	45·0	33·5	55·9	·275	·269	92	90	SW	1	SW	1	7	10	—	[fine. ≋9 early *a.* Peach in flower. Very
19	30·232	30·076	47·6	47·1	41·4	55·2	·241	·242	73	75	NW	2	NW	2	7	10	—	Very fine.
20	29·888	29·814	47·2	38·5	38·5	51·0	·249	·217	77	94	NW	2	Calm	0	10	0	—	≋9 (mist) 9*p.*
21	·754	29·736	39·9	33·5	32·0	44·4	·174	·143	70	75	NW	1	NW	3	6	0	·010	✳0 ▲0 11.30*a.*
22	·939	30·022	32·2	28·8	26·0	46·7	·178	·152	98	97	S	1	Calm	0	10	0	·010	✳0 *a.* and *p.*
23	·826	29·351	40·5	42·2	26·3	45·8	·223	·241	89	89	S	3	S	5	10	10	·050	Squally ☄ ● 4*p.*
24	·367	·392	43·2	42·1	39·4	48·4	·193	·191	69	72	W	2	NW	3	8	6	·050	
25	·437	·601	39·2	30·6	30·6	43·5	·145	·116	61	68	NW	6	NW	1	4	0	—	⌊ ✳0 early *a.* Squally 9*a.*
26	·738	·880	36·0	33·6	22·0	42·6	·174	·168	82	87	W	1	E	1	4	10	—	⌊ ✳0 *a.*
27	·940	·916	38·1	35·6	24·4	45·1	·189	·147	69	70	SE	2	SE	2	1	0	—	⌊ *a.*
28	·913	·843	40·0	30·1	28·0	48·4	·147	·156	59	94	NE	1	E	1	0	0	—	⌊ *a.* Very fine day.
29	29·777	29·912	35·4	32·5	19·5	54·2	·153	·152	74	82	Calm	0	N	3	8	3	—	⌊ *a.* ≋9 (mist) 9*a.* Very fine.
30	30·027	30·065	37·9	34·3	22·1	45·2	·153	·147	67	74	NE	2	NE	2	2	0	—	⌊ *a.* Very fine.
31	30·021	29·924	40·5	36·5	25·0	49·2	·149	·143	59	67	E	3	NE	3	7	0	—	⌊ *a.* Very fine.
Means	29·887	29·879	42·1	41·0	33·9	50·2	·217	·221	79·7	83·1		1·7		2·0	7·0	5·7	1·540	

CARMARTHEN.

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

MARCH 1881.

1	30·116	30·147	31·6	33·5	22·2	43·2	·148	·136	83	71	Calm	0	W	2	0	2	—	✳ before 9*a.*
2	30·225	30·137	34·0	37·6	27·0	44·5	·148	·155	75	69	Calm	0	E	6	2	10	—	
3	29·830	29·536	38·3	36·4	35·7	42·5	·158	·193	68	90	E	7	E	6	10	10	·340	▲ 11*a.* Squally *a.* and *p.*
4	·352	·267	41·1	46·1	35·5	48·4	·251	·312	97	100	E	3	S	2	10	10	·330	≋9*p.*
5	·293	·044	47·5	50·2	45·6	51·4	·327	·358	99	99	SW	4	SW	1	10	10	·700	
6	·383	·345	49·1	48·0	44·1	53·4	·325	·333	93	99	SW	4	SW	1	9	10	·640	
7	·136	·398	47·0	45·4	44·1	52·7	·309	·277	97	92	SW	1	W	2	10	9	·430	
8	·709	29·973	44·1	42·9	40·3	47·6	·232	·235	80	85	W	4	W	1	10	10	·210	
9	29·982	30·001	49·6	48·5	42·0	50·7	·317	·329	90	97	W	5	W	4	10	10	·150	
10	30·103	·136	49·1	48·5	47·6	54·5	·346	·329	99	97	W	2	W	1	10	10	—	
11	30·104	30·066	48·8	46·6	45·6	55·4	·304	·303	88	96	W	2	W	1	10	10	—	
12	29·995	29·896	45·5	48·5	44·7	53·1	·294	·295	97	87	Calm	0	E	2	10	10	—	
13	·771	29·737	48·2	47·3	47·0	49·6	·304	·319	91	98	E	5	E	3	10	10	·240	
14	29·788	30·037	48·4	42·1	41·7	49·7	·322	·250	95	93	Calm	0	N	4	10	10	·270	
15	30·245	·344	44·6	43·5	41·2	52·4	·254	·250	86	88	N	1	Calm	0	10	0	—	
16	·386	·461	42·1	42·1	36·7	58·3	·231	·230	87	86	E	1	Calm	0	8	0	—	
17	·572	·584	44·6	45·5	31·5	60·5	·222	·272	75	90	Calm	0	Calm	0	0	1	—	
18	·545	·439	46·5	45·5	38·9	49·8	·286	·270	91	89	SW	2	SW	1	9	10	·010	
19	30·297	30·117	46·6	46·5	43·2	51·4	·247	·281	79	90	W	4	W	2	10	10	—	
20	29·919	29·840	46·4	42·3	42·0	50·7	·283	·244	90	91	W	4	Calm	0	10	8	—	
21	·794	·858	44·9	36·1	35·4	46·5	·204	·140	69	66	NW	3	NW	6	7	7	·030	△ 5*p.*
22	·958	·987	40·3	39·6	31·8	48·2	·208	·217	84	89	W	6	Calm	0	8	0	—	
23	·744	·261	42·4	47·2	37·2	47·4	·197	·321	73	99	SE	5	SW	4	10	10	·700	
24	·413	·434	47·5	40·2	36·9	50·0	·205	·207	91	84	W	2	W	1	5	10	·050	▲ 4*p.*
25	·537	·657	41·4	33·7	33·3	44·3	·173	·179	66	92	NW	5	W	1	1	0	·030	△ *p.*
26	·758	·911	35·1	32·6	26·4	48·8	·135	·151	66	82	E	1	Calm	0	6	0	—	
27	·927	·899	37·8	36·1	26·7	49·8	·136	·146	60	69	E	2	E	2	0	0	—	⌊ 9*a.*
28	·923	·851	40·6	36·9	27·1	49·6	·201	·183	80	84	E	2	E	1	0	0	—	⌊ 9*a.*
29	29·810	29·885	40·6	34·2	25·5	51·4	·201	·141	80	72	Calm	0	N	4	0	0	—	≋ in valley.
30	30·019	30·020	38·3	35·6	27·1	46·4	·134	·138	59	65	E	4	E	3	0	0	—	
31	29·962	29·857	41·6	41·1	27·3	49·8	·160	·158	62	62	E	5	E	4	0	0	—	
Means	29·890	29·875	43·3	41·9	36·5	50·1	·237	·237	82·3	86·2		2·7		2·1	6·6	6·0	4·130	

MARLBOROUGH.

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

MARCH 1881.

Day.	Barometer at 32° and M. S. L. 9 a.m.	9 p.m.	Air Temperature. 9 a.m.	9 p.m.	Min.	Max.	Tension of Vapour. 9 a.m.	9 p.m.	Relative Humidity. 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	30·102	30·197	30·6	31·3	22·3	43·5	·116	·122	68	69	W	1	Calm	0	0	0	—	
2	·278	30·270	32·8	35·6	27·5	44·8	·160	·148	87	70	Calm	0	E	1	9	10	—	
3	30·068	29·741	35·7	37·7	34·1	38·4	·142	·173	67	76	ESE	2	E	1	10	10	·250	▲ 11.30*p.*
4	29·494	·399	39·1	47·7	35·3	48·8	·234	·324	98	98	E	1	Calm	0	10	10	·640	
5	·367	·240	47·8	50·7	44·9	56·9	·328	·352	98	95	SW	1	SW	1	10	10	·630	
6	·416	·442	49·7	50·4	45·2	54·7	·287	·353	81	96	Calm	0	Calm	0	8	9	·250	
7	·290	·398	50·4	45·2	45·0	52·5	·315	·275	86	92	SW	1	SW	2	9	10	·440	
8	·679	·976	43·9	39·7	39·4	48·8	·238	·208	83	85	WSW	2	SW	1	3	0	·110	
9	29·949	29·994	47·6	47·7	39·0	51·2	·305	·304	93	92	W	2	W	5	10	10	·020	
10	30·097	30·150	48·1	46·7	46·7	51·7	·323	·317	96	99	Calm	0	W	1	10	10	·010	
11	·118	30·065	46·1	43·6	43·3	57·3	·261	·268	84	94	Calm	0	W	1	8	10	—	
12	30·038	29·988	38·4	45·6	35·5	53·1	·232	·277	100	91	Calm	0	Calm	0	•• 10	0	—	≋ 9*a.* and before.
13	29·932	29·849	40·9	45·4	40·1	48·7	·237	·247	93	82	E	1	Calm	0	10	10	·060	
14	29·847	30·026	41·7	42·4	39·2	52·7	·226	·228	86	85	E	1	Calm	0	3	8	—	
15	30·231	·356	34·9	39·6	32·3	49·9	·196	·225	97	93	NE	1	Calm	0	10	0	—	≋9 (mist) 9*p.*
16	·405	·454	40·2	44·0	31·1	61·0	·207	·257	84	89	Calm	0	Calm	0	0	7	—	≋ before 9*a.*
17	·563	·522	42·7	42·1	34·0	60·0	·233	·241	85	90	Calm	0	Calm	0	0	1	—	≋ *a.*
18	·550	·427	44·9	44·2	35·7	54·8	·266	·259	90	89	W	1	W	1	10	10	—	≋9 (mist) before 9*a.*
19	30·294	30·120	44·5	40·0	40·0	53·7	·235	·226	80	92	W	2	Calm	0	10	0	—	
20	29·916	29·820	46·4	44·5	38·1	51·9	·251	·281	81	96	W	1	Calm	0	8	10	·040	
21	·764	29·774	44·2	31·1	31·1	47·8	·202	·141	69	80	W	1	W	2	6	0	·010	▲ ✳ noon–2*p.*
22	·999	30·050	32·7	32·6	27·4	46·6	·156	·159	84	86	W	1	Calm	0	10	0	·020	✳ 9*a.* and *p.*
23	·888	29·406	37·6	39·9	28·3	44·9	·204	·239	91	98	S	1	SW	2	10	10	·260	
24	·380	·437	45·6	39·9	39·3	51·0	·218	·208	72	85	Calm	0	SW	1	8	10	·030	
25	·488	·648	38·6	30·3	30·3	45·4	·163	·125	70	74	W	2	W	1	4	0	—	
26	·761	·913	38·9	31·8	27·3	44·6	·156	·140	67	77	WNW	1	Calm	0	0	0	—	
27	·960	·932	34·6	33·6	24·5	45·2	·149	·147	73	76	ESE	1	Calm	0	0	0	—	
28	·927	·848	37·2	35·1	26·3	47·8	·146	·160	66	77	ENE	1	Calm	0	2	0	—	
29	29·791	29·891	37·8	33·3	24·7	53·9	·167	·146	73	77	Calm	0	E	3	0	10	—	≋9 (mist) 9*a.*
30	30·030	30·075	36·0	34·3	25·3	45·5	·144	·147	68	74	E	2	E	1	0	0	—	
31	30·009	29·923	38·6	34·8	26·6	47·8	·163	·131	70	65	E	1	E	1	2	0	—	
Means	29·924	29·914	40·9	40·0	34·2	50·2	·215	·220	81·9	85·2		0·9		0·8	6·1	5·3	2·770	

STRATHFIELD TURGISS.

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

MARCH 1881.

1	30·086	30·192	33·5	31·4	22·7	43·1	·174	·158	92	89	W	3	NW	2	0	0	—	⌊ 9*a.*
2	·278	30·314	34·0	34·2	27·1	44·5	·151	·158	77	80	SW	3	E	2	10	10	—	
3	30·106	29·779	36·7	39·3	33·2	39·3	·154	·185	71	78	SE	4–5	E	5–4	10	10	·123	☄ in squalls *a.* and *p.*
4	29·521	·425	40·8	47·7	36·7	49·1	·248	·322	98	97	SE	1	SE	2	10	10	·408	≋ *p.*
5	·373	·342	51·6	51·0	45·5	57·7	·356	·364	93	97	SW	3	SW	3–4	10	10	·460	
6	·435	·480	51·5	52·1	46·6	56·5	·307	·362	81	93	SW	4	SW	3	5	10	·098	
7	·334	·303	51·7	48·1	47·7	55·6	·317	·285	83	85	SW	5–4	SW	5–4	10	9	·184	Squally ☄ *a.* and *p.*
8	·667	·945	46·9	41·9	40·4	51·1	·244	·216	77	83	W	4	W	3	6	2	·084	Squally ☄ *a.* and *p.*
9	29·925	29·997	49·9	49·3	39·9	53·5	·308	·318	86	91	NW	4–6	W	4	10	10	—	Squally ☄ *a.* and *p.*
10	30·091	30·129	51·2	50·2	48·5	56·5	·324	·331	86	92	W	3	W	3	10	10	—	Ψ 9*p.*
11	·111	·059	49·4	44·8	44·2	56·8	·260	·269	74	91	W	3	NW	2	10	7	—	Ψ 9*p.*
12	30·035	30·003	43·2	46·2	40·8	54·6	·264	·294	94	95	Calm	0	Calm	0	10	9	—	≋ 9*a.* and 9*p.*
13	29·966	29·870	41·3	44·7	39·4	50·1	·234	·253	91	86	SE	2	SE	1	10	10	·005	≋ 9*a.* Ψ 9*p.*
14	29·853	29·998	45·6	38·7	38·7	54·8	·230	·202	76	86	S	2–3	SE	1	7	0	—	
15	30·208	30·347	39·0	40·0	30·6	53·2	·208	·207	88	84	N	2	NE	1	10	0	—	
16	·407	·430	41·3	46·0	29·8	61·7	·218	·275	84	90	E	0–1	Calm	0	8	0	—	⌊ 9*a.* ≋ 9*p.*
17	·543	·559	45·4	42·7	33·1	60·8	·264	·248	88	90	NE	0–1	NW	0–1	0	0	—	≋ 9*a.*
18	·538	·399	46·3	45·1	36·0	58·8	·267	·263	86	88	W	3	W	3–4	3	10	—	Squally 9*p.*
19	30·294	30·124	46·6	42·6	41·9	55·8	·237	·234	75	86	W	3	W	2	7	3	—	
20	29·922	29·804	49·0	46·7	37·5	55·8	·275	·297	79	94	W	3	W	1	8	10	·020	
21	29·747	29·731	44·3	33·7	33·2	47·8	·198	·142	68	73	NW	3	W	4–3	8	0	·015	Squally 9*a.* and 9*p.* ▲ *p.*
22	30·001	30·053	34·1	33·2	29·3	48·8	·150	·149	76	79	W	3	NW	1	10	0	·016	✳ 9*a.*
23	29·921	29·445	42·7	41·0	26·5	48·2	·218	·231	80	90	S	2	SW	3–5	10	10	·131	○ 9*a.* ✳ *a.* Squally ☄ *p.*
24	·374	·434	45·8	41·3	40·2	51·4	·218	·205	72	80	NW	3	NW	3	10	0	·043	
25	·467	·705	41·3	33·7	33·2	47·8	·164	·137	64	71	NW	4–3	NW	2	3	0	—	Squally *a.* and *p.*
26	·749	·905	39·8	30·8	28·3	45·3	·155	·147	63	85	N	2	N	1	0	0	—	⌊ ✳ *a.*
27	·966	·932	38·0	33·9	22·2	46·5	·175	·136	76	70	E	3	E	2	0	0	—	⌊ 9*a.* ≋9 *p.*
28	·926	·851	38·0	35·7	24·6	50·3	·134	·152	58	73	NE	2	NE	1	0	2	—	⌊ 9*a.*
29	29·784	29·868	36·7	35·8	25·0	55·4	·142	·160	66	76	NE	1	NE	3–4	2	10	—	Squally 9*p.*
30	30·024	30·077	40·4	33·0	22·6	46·3	·145	·165	57	88	NE	3–4	NE	1	1	0	—	Squally 9*a.*
31	30·018	29·926	41·6	33·7	26·8	47·7	·153	·163	59	84	NE	3	NE	1	1	0	—	
Means	29·925	29·917	43·1	40·9	34·6	51·8	·222	·227	78·0	85·3		2·7		2·1	6·4	4·0	1·587	

RAMSGATE.

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

MARCH 1881.

Day.	Barometer at 32° and M. S. L. 9 a.m.	Barometer 9 p.m.	Air Temperature. 9 a.m.	9 p.m.	Min.	Max.	Tension of Vapour. 9 a.m.	9 p.m.	Relative Humidity. 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	30·063	30·197	31·8	30·8	27·2	38·1	·172	·143	97	83	NW	2	NW	2	0	0	·010	⌴
2	·283	30·356	33·6	37·5	28·2	41·7	·147	·203	76	91	W	1	SW	2	10	5	·010	⌴. Ice ¾ in. thick.
3	30·236	29·904	37·6	37·7	36·5	40·1	·190	·179	84	79	SE	4	SE	6	10	10	·090	Squally 9p.
4	29·602	·527	38·3	44·3	36·8	44·7	·231	·292	100	100	SE	3	SE	3	10	10	·420	
5	·440	·459	44·1	46·3	41·2	48·3	·287	·315	99	100	S	3	S	4	10	10	·390	≋² (mist) followed by ●
6	·469	·571	49·9	48·6	45·3	56·7	·335	·340	94	99	SW	3	SW	2	10	10	·030	Fine a. Dull and gloomy p.
7	·392	·329	52·0	48·3	41·0	56·7	·379	·316	98	94	SW	6	SW	8	10	7	·060	Squally a.
8	·589	·922	47·8	42·2	39·1	49·8	·301	·222	91	84	SW	4	SW	5	10	10	·140	
9	29·911	29·980	47·0	49·5	39·3	53·7	·318	·313	99	89	SW	6	SW	4	10	10	—	Squally a.
10	30·081	30·109	47·0	51·5	46·5	57·5	·318	·365	99	96	SW	2	Calm	0	10	9	—	Bright from 11a.
11	·094	·037	50·5	45·0	44·8	52·1	·339	·295	93	98	SW	1	Calm	0	10	2	—	Dull a. Bright p.
12	·030	30·055	46·5	47·8	39·2	53·0	·309	·319	98	96	W	1	NE	2	7	3	—	⌓ 9a. ≋⁰ (mist) p.
13	30·049	29·934	40·0	43·5	38·8	47·8	·226	·245	92	87	SE	2	SE	5	7	9	—	
14	29·887	30·017	38·0	44·6	37·5	47·3	·199	·234	87	79	NE	1	SW	2	5	1	—	
15	30·215	·350	45·2	42·3	41·6	50·2	·227	·233	76	87	SE	1	SE	1	2	0	·010	Ψ
16	·423	·447	45·5	45·0	39·3	54·0	·235	·250	78	84	Calm	0	Calm	0	0	0	—	Bright all day.
17	·537	·529	45·5	50·4	42·1	51·2	·262	·307	86	85	W	1	W	2	0	10	—	
18	·476	·375	50·3	48·0	41·6	52·2	·306	·290	84	87	W	1	W	1	5	10	—	Fine and bright.
19	30·273	30·092	49·1	47·3	46·5	50·3	·318	·322	91	99	SW	1	SW	2	10	10	·070	
20	29·836	29·776	43·7	35·1	31·5	50·0	·209	·202	73	99	W	1	NW	2	10	10	·090	✳ p. ✳ ● (sleet) 9p.
21	·734	29·763	42·9	32·5	31·3	44·3	·230	·163	83	89	NW	4	NW	3	5	2	·020	⌴. ✳ p.
22	29·971	30·070	34·8	40·0	30·6	45·2	·186	·236	92	96	W	1	SW	3	7	10	—	
23	30·085	29·568	42·1	45·0	36·2	46·3	·266	·239	99	80	SW	4	SW	7	10	10	·140	Squally a. and p.
24	29·332	·415	46·0	39·5	38·8	48·3	·311	·204	100	85	SW	1	SW	2	10	10	·060	
25	·401	·533	40·0	37·8	33·2	45·3	·190	·182	77	80	SW	4	W	2	2	0	—	
26	·746	·945	36·8	34·0	30·5	46·2	·189	·196	87	100	W	1	NW	1	5	10	·130	✳ p., ½-inch deep.
27	·977	·951	40·8	39·1	30·5	47·1	·182	·185	71	78	NE	2	NE	2	3	0	—	⌴. Bright day, but cold.
28	·916	·848	43·5	41·1	38·4	46·4	·202	·215	72	83	NE	1	NE	1	4	10	·030	
29	29·753	29·774	40·6	37·3	37·0	51·7	·211	·179	84	81	Calm	0	NE	5	9	10	—	Bright a. ⸝ (gale) 1p.
30	30·013	30·080	42·0	38·0	34·2	45·3	·172	·158	66	69	NE	4	NE	6	5	4	—	Squally a. and p. Cold wind.
31	30·034	29·934	40·0	41·2	36·1	44·0	·185	·233	75	91	E	4	E	5	0	0	—	Squally 9a. Cold.
Means	29·931	29·931	43·0	42·3	37·4	48·6	·246	·244	87·1	88·6		2·3		2·9	6·6	6·5	1·700	

SOUTHAMPTON.

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

MARCH 1881.

1	30·120	30·200	33·2	30·8	23·9	43·9	·141	·130	75	74	NW	1	SW	0·5	0	0	—	⌴ 9a. ✳⁰ p.
2	·296	30·282	34·8	36·5	24·4	45·8	·146	·167	72	77	Calm	0	SE	3	0	10	—	⌴ ≋ a.
3	30·069	29·723	38·9	40·1	36·0	40·9	·164	·193	70	77	SE	6	SE	7	10	10	·320	⸝ all day.
4	29·498	·439	43·7	48·1	38·4	50·4	·278	·326	97	97	SE	3	SW	4·5	10	10	·560	● all day.
5	·403	·281	49·5	52·1	45·7	53·6	·336	·379	96	97	SW	3·5	S	6	10	10	·780	
6	·477	·487	50·0	50·4	47·0	54·1	·314	·358	87	98	SW	2·5	SW	2·5	9	10	·130	●² ⸝ (force 8) before 9a.
7	·342	29·444	53·0	48·4	47·8	55·5	·332	·293	82	87	SW	5	WSW	4·5	1	9	·258	⸝ all day, reaching force 8 at times.
8	29·719	30·008	46·1	42·1	41·7	50·2	·247	·219	79	82	NW	5	W	3	7	1	·065	
9	30·006	·060	48·9	48·6	40·1	53·9	·317	·312	92	92	W	4	SW	4·5	10	10	·018	● ⸝ till 8a.
10	·128	·148	52·3	52·5	48·4	57·2	·347	·351	88	89	W	3	W	3	10	10	—	
11	·133	30·075	49·7	44·6	44·6	57·1	·267	·274	75	93	WNW	2·5	W	1·5	10	9	—	Large Ψ ⌴ 9p.
12	30·026	29·975	43·2	46·0	42·7	51·7	·271	·287	96	93	NE	1	SE	3	10	7	—	⌴ on grass 9a. ≋⁰ p. Large Ψ ⌴ [9p.
13	29·934	29·841	44·1	47·8	43·0	47·9	·269	·272	93	82	SE	4·5	SE	3	10	10	·028	
14	29·840	30·004	44·4	41·1	40·7	51·6	·232	·230	79	89	SE	3	NE	1	9	0	—	⌴ 9p.
15	30·196	·323	40·2	41·1	35·9	55·2	·211	·232	85	90	NE	2	SSE	0·5	10	1	—	⌴ on grass a.
16	·395	·431	43·1	44·9	34·2	58·7	·227	·253	81	85	NE	1	Calm	0	7	0	—	⌴ on grass a. ≋ ⌴ 9p.
17	·552	·572	49·4	47·1	38·5	62·4	·266	·274	75	85	NNE	0·5	NW	1	1	0	—	⌴ a. and p.
18	·577	·446	42·6	45·2	36·2	58·6	·253	·269	93	90	NW	2	W	3	10	8	—	⌴² a. ⌴⁰ on grass 9p.
19	30·304	30·123	48·6	44·0	43·8	57·0	·262	·240	76	83	WNW	4·5	W	2·5	9	0	—	⌴⁰ on grass, 9p.
20	29·944	29·817	50·3	48·0	42·3	54·8	·248	·290	69	87	WNW	3	NW	3	7	10	·020	
21	29·777	29·783	46·2	34·8	34·5	50·3	·202	·152	65	77	NW	3	NW	4	4	0	·015	✳ ● showers p.
22	30·021	30·066	36·1	36·2	30·3	48·2	·149	·168	70	79	W	2	NW	1	9	0	·015	▲ ● showers 1p.
23	29·908	29·441	43·7	42·7	29·3	47·2	·221	·263	77	96	SSE	3	S	4	10	10	·452	● 3p. ▲ ● after.
24	·403	·475	45·1	42·0	41·8	50·7	·244	·207	82	78	NW	3	NW	2·5	10	1	·028	
25	·532	·654	43·0	36·2	35·9	46·7	·165	·173	59	81	NW	4·5	NW	3	1	0	·012	✳ showers p. ✳² △ 2.25 p.
26	·773	·887	43·2	34·5	31·0	47·1	·181	·176	65	88	NW	0·5	NE	1·5	1	0	·018	✳² showers p.
27	·967	·901	41·7	36·0	29·6	47·1	·179	·172	68	80	E	3·5	E	2	0	0	—	⌴ early a.
28	·907	·828	42·7	42·4	30·5	50·6	·179	·217	65	81	E	3	E	3	1	10	·002	
29	29·778	29·833	44·2	37·9	34·9	55·1	·199	·191	68	84	NE	2	NE	6·5	5	9	—	⸝ 9p.
30	30·013	30·046	40·6	34·5	27·4	47·6	·172	·148	68	74	NE	4·5	E	3·5	0	0	—	
31	29·977	29·873	42·5	36·8	29·7	51·4	·166	·171	61	78	E	5	NE	4	0	0	—	
Means	29·936	29·918	44·4	42·4	37·1	51·7	·232	·238	77·7	85·3		2·9		3·0	6·2	5·0	2·721	

ST. LEONARDS.

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

MARCH 1881.

Day.	Barometer at 32° and M. S. L. 9 a.m.	Barometer 9 p.m.	Air Temperature. 9 a.m.	9 p.m.	Min.	Max.	Tension of Vapour. 9 a.m.	9 p.m.	Relative Humidity. 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	30·086	30·214	30·6	33·2	25·0	41·2	·135	·145	78	77	WNW	1	NW	1	0	0	—	⌴ 9a. ✳⁰ 5p.–6p.
2	·293	30·344	36·8	39·5	30·1	43·8	·146	·157	67	66	WNW	2	SE	2	1	0	—	⌴⁰ 9a. Wind backing all day.
3	30·185	29·840	38·2	40·0	37·4	40·9	·150	·182	65	73	ESE	6	E	7	10	10	·410	⸝ (force 6) all day, reaching gale force
4	29·577	·511	41·5	45·0	38·2	46·1	·255	·297	98	99	ESE	2	SW	3	10	9	·823	≋⁰ p. [after 7p.
5	·446	·428	45·7	46·7	43·8	48·9	·307	·319	100	100	SW	3	S	3	10	10	·647	≋ p.
6	·492	·542	45·1	46·5	44·0	49·6	·298	·309	99	97	WSW	3	SW	2	10	9	·047	⸝ (gale) early a. ≋ a. and p.
7	·399	·388	47·0	45·6	45·6	50·0	·318	·286	99	94	SW	3	WSW	7	8	10	·151	● ⸝ (gale) from 6p. Bar. 29·254 5.20p.
8	·662	29·949	45·1	41·2	41·2	49·7	·288	·212	96	82	W	4	W	4	10	2	·046	⸝ in past n. Ψ p.
9	29·976	30·026	46·3	46·5	39·2	48·6	·300	·298	96	94	WSW	7	WSW	6	10	10	—	⸝ (moderate gale) throughout.
10	30·090	·145	47·1	46·6	45·2	49·8	·315	·311	97	98	WSW	3	WSW	2	10	10	—	
11	·115	·048	48·7	43·9	43·0	50·3	·281	·280	82	98	WSW	3	W	2	10	3	—	⌴ p. Ψ 10p–11p.
12	30·024	30·009	46·4	45·6	39·5	54·5	·289	·286	92	94	Calm	0	ENE	3	9	5	—	≋⁰ (mist) 9a. ⌴ p.
13	29·990	29·889	42·3	45·6	40·3	48·9	·246	·263	92	86	E	3	E	4	9	10	—	
14	29·870	29·980	41·7	41·3	39·6	48·3	·199	·211	76	81	ESE	3	NNE	3	3	5	—	
15	30·181	30·329	46·1	43·8	40·8	52·9	·220	·220	71	76	E	2	NNE	3	3	0	—	
16	·396	·433	48·4	44·7	40·8	52·5	·225	·212	66	71	ESE	3	Calm	0	0	0	—	Cloudless all day.
17	·523	·561	51·1	48·0	41·8	56·7	·256	·283	69	85	N	1	Calm	0	0	0	—	⌴⁰ 9p. ≋⁰ during day.
18	·546	·429	48·5	43·9	42·1	51·8	·279	·270	82	95	WNW	2	W	1	2	0	—	⌴ 9p.
19	30·274	30·108	48·4	42·6	42·0	51·8	·267	·245	79	89	W	4	WNW	2	5	0	—	⌴ p.
20	29·935	29·795	44·8	45·4	37·8	49·9	·269	·281	91	93	W	2	W	3	10	8	·057	
21	·744	29·730	41·8	33·0	33·0	45·6	·225	·161	85	85	W	2	WNW	2	10	0	·120	✳ 7p.–7.30p. [⌴ 9p.
22	·997	30·075	34·9	35·8	30·7	44·2	·177	·191	88	91	NW	3	Calm	0	9	0	·020	Frequent ✳ showers till 3p., then ●.
23	·969	29·521	44·7	43·7	34·0	46·0	·231	·246	78	86	SSE	3	SSW	5	7	10	·561	≋ a. ⸝, force 7 in squalls, 5p.–6p.
24	·354	·454	46·1	41·1	40·1	48·3	·312	·210	100	82	WSW	3	NW	3	10	1	·224	
25	·471	·632	39·7	34·8	34·8	45·5	·160	·166	66	82	WNW	5	NW	3	2	0	—	Frequent ✳⁰ till 3p.
26	·754	·889	39·2	33·8	30·8	45·6	·177	·170	75	87	WNW	1	NNE	4	5	0	·027	✳⁰ at times.
27	·959	·915	41·4	35·6	32·2	45·9	·188	·162	72	77	NE	3	NE	3	3	0	—	✳⁰ 7a.
28	·898	·835	45·3	39·6	33·8	49·1	·200	·206	66	85	E	2	ENE	2	5	10	·090	
29	·754	29·849	39·1	37·8	37·8	47·8	·209	·200	88	89	NNE	4	NE	5	10	10	—	Squally p.
30	·992	30·046	42·6	37·2	30·3	47·0	·182	·154	67	70	ENE	3	E	3	4	1	—	
31	29·995	29·886	42·4	39·2	35·5	46·9	·176	·199	65	83	E	5	ENE	5	0	0	—	⸝ (force 6) at times.
Means	29·934	29·929	43·5	41·5	37·8	48·3	·235	·230	82·1	86·0		2·9		3·0	6·3	4·3	3·223	

DARTMOOR.

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

MARCH 1881.

1	30·159	30·199	29·0	29·0	18·0	36·0	·069	·086	43	54	SSW	1	W	2	0	0	—	
2	30·251	30·164	37·0	36·0	21·0	37·0	·156	·165	72	78	SW	2	SW	1	4	10	—	
3	29·865	29·572	36·0	35·9	31·0	37·5	·182	·211	87	100	SW	3	ESE	2	10	10	1·270	
4	·362	·368	45·0	44·0	34·0	48·0	·299	·288	100	100	SW	2	SW	2	10	10	1·360	
5	·375	·166	46·0	48·0	43·0	49·0	·311	·335	100	100	SW	3	SW	6	10	10	1·560	≋ 9a.
6	·440	·436	45·0	43·0	41·0	51·0	·299	·277	100	100	SW	4	SW	2	10	10	1·290	
7	·220	29·497	45·2	42·8	34·6	45·2	·302	·266	100	97	SW	8	SW	4	10	10	·900	
8	29·794	30·060	41·5	48·1	37·4	49·0	·220	·323	85	96	W	3	W	3	10	10	·220	
9	30·114	·148	44·2	45·0	39·0	49·0	·290	·299	100	100	NW	6	NW	5	10	10	·670	
10	·189	·217	46·5	45·5	44·0	47·5	·317	·305	100	100	SW	4	SW	3	10	10	·220	
11	·182	30·090	42·5	44·0	40·0	46·0	·272	·276	100	96	W	3	W	1	7	10	—	
12	30·000	29·920	41·0	43·5	40·0	46·0	·252	·278	98	99	E	2	E	3	10	10	—	
13	29·810	·796	45·0	44·0	40·0	47·0	·299	·288	100	100	ESE	1	SW	1	10	10	1·070	≋ before 9a.
14	29·815	29·955	43·5	38·5	38·5	45·0	·283	·233	100	100	SW	1	ESE	1	10	10	·060	≋ 9a. and p.
15	30·250	30·362	38·5	36·5	36·0	46·5	·233	·206	100	96	ESE	3	SE	1	10	7	—	
16	·402	·470	42·5	41·5	34·0	51·5	·229	·214	85	83	E	1	Calm	0	9	0	—	
17	·566	·626	47·2	42·0	37·0	56·3	·235	·206	73	78	E	1	Calm	0	0	2	—	▲ 9p.
18	·584	·513	44·9	41·5	37·0	51·5	·244	·234	83	90	NW	1	W	3	7	10	—	
19	·371	30·166	44·0	41·5	41·0	48·2	·241	·223	83	86	NW	3	NW	5	10	10	—	
20	30·007	29·885	41·9	42·0	39·0	46·0	·236	·267	90	100	W	3	W	2	10	10	—	
21	29·903	29·930	37·0	31·0	30·0	43·0	·165	·169	75	97	N	2	W	3	0	0	·030	✳ p.
22	30·063	30·114	35·5	31·5	24·0	40·5	·168	·172	81	98	WNW	3	NW	1	10	0	·080	✳ p. ○
23	29·836	29·391	38·2	43·9	30·0	46·5	·171	·287	74	100	S	3	S	4	10	10	1·380	
24	·465	·570	39·9	37·2	36·5	46·9	·173	·196	70	88	NW	2	NW	2	10	4	·100	
25	·627	·774	35·9	34·0	31·0	41·0	·151	·148	72	75	NNW	4	NW	3	8	0	·040	✳ ▲ before 9a.
26	·779	·919	38·0	28·5	26·4	41·0	·173	·147	75	95	N	2	E	1	7	0	—	
27	·890	·840	35·0	35·0	27·0	36·0	·189	·184	93	90	E	5	E	5	8	5	—	
28	·865	·802	35·2	32·5	27·0	37·0	·191	·173	93	95	E	4	NE	1	8	0	—	
29	·789	·857	37·2	33·0	30·0	47·0	·179	·167	80	89	NE	2	NE	1	7	0	—	
30	·940	·950	33·5	32·5	25·4	37·0	·161	·171	84	94	ENE	5	E	6	3	0	—	
31	29·888	29·800	35·5	33·0	27·0	37·0	·179	·167	86	89	ESE	6	E	7	8	0	—	
Means	29·929	29·921	40·2	38·9	33·5	44·7	·222	·225	86·5	92·4		3·0		2·6	7·9	6·1	10·250	

BABBACOMBE.

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

MARCH 1881.

Day.	Barometer at 32° and M. S. L. 9 a.m.	Barometer 9 p.m.	Air Temperature 9 a.m.	Air Temp. 9 p.m.	Min.	Max.	Tension of Vapour 9 a.m.	Tension 9 p.m.	Relative Humidity 9 a.m.	Humidity 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	30·141	30·206	31·8	28·6	22·0	43·8	·106	·092	59	59	W 2	SW 1	0	0	—	└ a. and p. ≋0 (mist) p. Snow [still 1 in. deep in shade.
2	30·250	30·185	37·0	39·4	21·3	43·3	·152	·165	69	68	E 1	ESE 4	5	10	—	└ ≋0 (mist) a. ○0 3p.–4p.
3	29·886	29·565	40·3	40·8	38·0	42·0	·163	·244	66	96	ESE 5	ESE 4	10	10	·820	⌓ early a. ▲ 11.27a.
4	·367	·382	47·0	48·2	40·6	50·1	·321	·322	99	96	SSE 4	SW 5	10	10	·540	Scotch ≋ 11.50a.
5	·380	·139	50·8	51·0	45·1	54·3	·351	·374	94	100	WSW 5	SSW 8	10	10	·710	Scotch ≋ 4p.–5.15p. ╱ later p.
6	·449	·419	48·9	49·6	46·0	51·6	·336	·351	98	99	WSW 4	S 4	10	10	·250	≋ noon–2.30p., and 9p.–11p.
7	·221	29·504	51·5	47·0	46·2	52·0	·333	·281	88	88	SSW 7	WSW 4	9	9	·220	╱ mid-day.
8	29·775	30·079	45·7	41·9	41·7	49·7	·244	·228	80	87	W 4	SW 3	6	2	·010	○ 10a. and 1p. Ψ ⌓ p.
9	30·091	·109	49·7	48·9	41·2	51·7	·311	·304	87	88	W 5	WSW 5	10	10	—	╱ mid-day. Squally.
10	·167	·204	51·7	49·8	48·6	58·8	·344	·334	89	93	W 3	WSW 3	10	10	—	⌓ p.
11	·160	30·086	48·9	45·9	45·6	53·5	·278	·267	81	88	W 3	W 1	8	10	—	
12	30·005	29·927	43·0	45·4	42·7	46·5	·257	·273	93	91	E 2	ESE 3	10	10	—	≋0 (mist) a. Scotch ≋ 1p.
13	29·833	29·790	46·8	45·8	45·2	47·0	·305	·308	95	100	SE 2	E 2	10	10	1·500	Scotch ≋ most of day.
14	29·813	30·011	43·8	44·1	43·8	46·9	·272	·268	96	93	NE 3	NW 4	10	10	—	● ≋ n. Squally 9p.
15	30·206	·321	44·0	44·0	42·3	52·7	·217	·253	75	85	NNE 4	NNE 1	0	9	—	≋0 (mist) a. ⌓ p.
16	·386	·441	43·4	47·6	37·9	49·7	·241	·260	86	79	N 1	NW 1	10	9	—	⌓ till 9a. ≋0 (mist).
17	·556	·596	51·2	46·2	41·9	59·0	·255	·243	68	79	NNE 2	WNW 2	0	1	—	⌓ ≋0 (mist) n. and p.
18	·583	·480	48·9	43·9	36·9	58·4	·261	·253	76	88	WSW 1	W 3	3	3	—	⌓ a. and p. Ψ0 11p.–11.45p.
19	30·350	30·168	53·6	42·3	42·0	58·7	·278	·233	68	87	WNW 4	WSW 1	8	6	—	⌓ a. and p.
20	29·970	29·861	49·8	45·9	42·2	54·7	·256	·278	72	91	W 3	WSW 3	8	9	·180	
21	29·813	29·901	45·6	32·0	32·0	48·8	·231	·176	76	97	NW 2	WNW 3	4	1	—	✳ 6.13p. and 8p.
22	30·045	30·085	39·1	34·9	28·7	48·8	·168	·179	70	88	WSW 5	WSW 2	9	1	—	Squally a. └ after 9p.
23	29·821	29·374	43·9	45·9	33·3	45·9	·205	·305	71	99	SSE 5	SSW 5	10	10	·320	
24	·431	·533	43·8	41·4	41·4	50·7	·214	·214	74	83	NNW 3	WSW 4	10	2	·010	
25	·605	·689	42·8	35·3	35·1	47·7	·163	·168	59	81	WNW 4	WSW 2	2	5	—	▲ △2 p. └ after 8p.
26	·772	·879	42·9	31·8	31·0	46·8	·182	·160	66	90	W 1	W 1	4	0	—	└ after 8p.
27	·887	·847	39·9	40·4	31·1	43·4	·200	·186	82	75	E 5	E 5	8	5	—	Parhelia 22½° above sun 5.45p.–6p.
28	·844	·817	41·4	42·8	37·8	44·9	·195	·221	76	80	E 5	ENE 2	1	5	—	
29	·774	·810	42·0	41·9	38·1	53·3	·186	·195	71	75	NNE 2	NE 5	6	0	—	≋0 (mist) a. ○0 9a. and 11a. [noon–6p. ∞
30	·950	·960	38·3	38·8	33·2	42·8	·168	·158	73	68	E 6	ENE 6	3	0	—	╱ with squalls.
31	29·903	29·809	37·6	40·6	35·9	45·9	·179	·172	79	67	E 6	ENE 6	10	0	—	╱ with squalls.
Means	29·917	29·909	44·7	42·7	38·3	49·8	·238	·241	78·6	85·7	3·5	3·3	6·9	6·0	4·560	

ST. AUBIN'S, JERSEY.

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

MARCH 1881.

Day.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	Remarks.
1	30·181	30·268	35·4	35·0	30·2	44·6	·146	·148	70	72	Calm 0	NE 1	10	2	—	✳0 8.35a.–9.35a. └0 p. [night.
2	30·334	30·257	41·1	40·3	33·9	42·7	·145	·165	57	65	SE 3	SE 5	0	10	—	Very dry. Coloured ○ 1p.–3p. Rough
3	29·968	29·652	40·6	44·4	37·6	44·4	·139	·220	56	75	SE 6	SE 4	10	10	·073	╱ a. with squalls. Day gloomy.
4	·526	·551	47·7	48·5	43·4	52·9	·297	·319	90	93	S by E 2	SW 3	9	10	·430	
5	·541	·435	52·2	51·4	45·6	52·7	·337	·359	86	94	SW 3	SW 4	10	10	·305	Squally night.
6	·575	·570	49·8	51·3	48·0	54·7	·337	·357	94	95	SW 2	SW 2	10	9	·006	Sea roaring 9a. Very mild.
7	·462	29·655	50·4	48·8	47·8	55·0	·328	·305	90	88	W by S 4	W 7	5	5	·015	Hot sun a. ╱ rising to a gale. Ψ p. [Squally 9p.
8	29·880	30·160	50·0	45·2	44·5	53·5	·288	·251	81	84	W 3	W by N 3	5	4	—	○0 at times all day. Ψ at night.
9	30·242	·288	48·2	47·3	44·0	52·8	·302	·314	91	97	W 6	W 4	10	10	·005	
10	·289	·312	48·3	47·6	46·7	51·0	·333	·330	99	100	W 4	W 2	10	10	·005	Scotch ≋0 nearly all day.
11	·248	30·152	49·3	46·5	45·3	51·0	·301	·259	86	82	W by N 1	Calm 0	10	10	—	Day sunless, but clear.
12	30·031	29·956	46·0	46·7	44·3	53·2	·236	·293	77	92	ESE 3	E by N 3	10	0	—	Very fine from 11a. ○ ⌓ p.
13	29·922	29·848	48·0	49·0	46·0	52·0	·319	·332	96	96	SE 2	Calm 0	10	10	·004	
14	29·801	30·011	52·3	45·0	43·7	55·9	·305	·249	77	84	ESE 1	NE 2	5	8	—	○ at times. Warm sun. Very fine [night.
15	30·187	·319	45·2	45·7	41·4	51·5	·223	·262	74	86	NNE 2	NE 2	8	4	—	Very fine day. ⌓0 p. [1st.
16	·388	·450	50·2	50·7	41·4	61·4	·267	·302	74	82	NE 1	N 2	8	0	—	Extremely fine. Sunniest day since Oct.
17	·557	·623	57·0	50·5	44·9	62·1	·296	·283	63	78	Calm 0	Calm 0	0	0	—	≋0 ⌓ a. Extremely fine day.
18	·629	·556	56·2	45·2	44·4	62·8	·308	·280	68	93	N 1	Calm 0	1	0	—	≋0 ⌓0 a. Extremely fine. ⌓ p.
19	·461	30·245	48·0	44·2	43·0	52·0	·285	·281	86	97	Calm 0	W 1	10	0	—	⌓ a. and p.
20	30·079	29·960	48·0	47·3	43·2	53·7	·245	·283	74	88	W 2	W 2	10	10	·003	
21	29·860	29·928	47·5	41·7	41·1	49·9	·290	·173	88	66	NW 2	NW 3	7	3	·013	
22	30·152	30·164	46·2	39·0	36·3	49·8	·153	·190	49	81	W 2	Calm 0	0	0	—	[tremely fine.
23	29·968	29·542	43·3	46·2	37·3	46·2	·169	·295	59	95	S 4	W 3	10	10	·357	Very dry a. Cold breeze. ○0 p. Ex- Gloomy day.
24	·471	·631	50·0	43·3	41·6	50·9	·356	·220	99	78	SW 4	WNW 2	10	0	·545	
25	·684	·766	44·7	42·5	40·3	49·7	·203	·204	68	75	WNW 2	WNW 2	9	9	·067	Partial ⌒ 5.30p.
26	·805	·888	42·0	37·3	37·2	47·8	·209	·161	79	72	Calm 0	NE 1	10	0	·002	Thrush's nest with eggs found.
27	·889	·821	42·6	42·4	36·0	46·0	·203	·212	75	79	E by N 4	E 4	1	0	·015	Squally a. and p., but bright. Coloured
28	·793	·783	43·4	44·4	40·6	45·0	·234	·265	83	91	NE 5	NE 2	10	10	·187	Gloomy day. [○ p.
29	·739	·784	46·3	44·0	43·2	49·1	·285	·224	92	77	NE 3	NE 2	10	0	·002	Swallows seen.
30	·892	·903	41·3	42·0	39·7	44·7	·190	·170	74	64	ENE 6	ENE 8	5	0	—	╱ from early a. Intensely blue sky
31	29·826	29·735	42·4	45·3	36·2	47·0	·184	·223	68	74	ENE 5	ENE 5	0	0	—	[Noon. ╱ (gale) with squalls at night.
Means	29·980	29·975	46·9	45·1	41·6	51·2	·255	·256	78·2	83·6	2·6	2·5	7·2	5·0	2·034	╱ all day, but bright and cold.

Earth temp. :—Mean of 10 readings at 9a. (every third day) at 1 foot 46°·24, 3 feet 45°·46, 6 feet 47°·80.

LONDONDERRY.

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

MARCH 1881.

Day.	Barometer at 32° and M. S. L. 9 a.m.	Barometer 9 p.m.	Air Temperature 9 a.m.	Air Temp. 9 p.m.	Min.	Max.	Tension of Vapour 9 a.m.	Tension 9 p.m.	Relative Humidity 9 a.m.	Humidity 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	29·978	30·101	34·2	31·7	29·0	38·3	·152	·180	78	100	SW 2	W 1	10	0	·080	✳ 9a.–11a. and p.
2	30·221	30·127	32·7	34·9	27·4	36·6	·161	·152	86	75	NE 1	SE 4	10	7	·060	Very cold.
3	29·717	29·439	34·5	36·3	32·8	37·8	·178	·188	88	88	SE 6	ESE 7	10	10	·390	╱ ✳ ● (sleet) all day.
4	·410	·354	36·3	37·1	34·8	37·6	·188	·201	88	91	SE 4	E 3	10	10	—	
5	·184	·084	40·1	42·9	35·8	45·6	·225	·267	91	97	SE 2	ESE 3	10	10	·270	
6	·117	·222	42·5	43·7	38·5	53·8	·259	·258	95	90	ENE 1	SW 1	10	1	·020	
7	·089	·266	41·5	43·7	34·0	53·4	·255	·267	98	93	W 1	WSW 2	10	7	·140	
8	·473	·641	39·0	41·7	36·5	46·1	·210	·248	89	94	W 3	S 3	10	10	·530	
9	·646	·723	51·1	50·7	40·4	52·2	·335	·350	89	94	SW 5	SW 3	10	10	·210	
10	·912	·945	51·5	49·7	48·2	53·2	·339	·336	89	94	SW 3	SW 3	10	10	·150	╱ at night.
11	·898	·956	50·7	49·0	47·8	52·0	·337	·325	91	94	SW 4	W 3	10	10	·010	
12	·958	·848	49·7	47·0	46·0	53·0	·318	·273	89	85	SW 1	S 2	10	10	—	
13	·617	29·540	47·9	50·7	46·6	53·4	·271	·320	82	87	SE 3	S 4	10	10	·330	
14	29·852	30·178	42·5	41·5	39·3	52·3	·254	·213	94	82	W 1	W 1	10	3	—	
15	30·327	·361	44·1	45·8	35·0	56·0	·245	·261	84	85	WSW 1	SW 1	1	7	—	
16	·332	·348	48·2	49·7	37·5	54·1	·249	·312	74	88	SW 2	SW 2	10	10	—	
17	·410	·399	50·9	49·9	48·0	53·6	·340	·313	91	88	SW 2	SW 4	10	8	—	
18	·272	·177	49·5	47·0	44·8	51·2	·294	·312	84	95	W 4	SW 4	10	10	·060	
19	30·065	30·003	47·3	43·7	42·8	50·1	·317	·267	97	93	NW 2	W 1	10	10	·330	● 9a.–8p.
20	29·915	29·803	41·9	35·9	35·5	46·0	·216	·194	82	92	W 1	W 2	7	8	·090	Showers of ▲ ● during day and n.
21	·688	·894	35·7	34·7	30·6	40·1	·143	·136	67	69	W 3	NW 1	8	4	·230	Showers of ✳ ▲ all day.
22	·906	·910	34·7	38·3	27·0	44·5	·148	·200	74	87	W 2	SW 2	2	10	·090	
23	·506	·179	36·9	40·8	36·0	43·8	·201	·216	92	85	S 3	SW 2	10	5	·340	
24	·253	·315	39·7	32·9	31·8	43·4	·177	·171	72	90	W 3	W 2	3	3	·230	✳ ▲ showers all day.
25	·461	·506	36·3	30·9	29·9	43·3	·157	·148	73	85	NW 3	E 2	10	1	·060	✳ showers all day.
26	·846	·935	38·8	35·8	28·0	43·0	·165	·179	70	85	NNW 1	Calm 0	3	10	·010	
27	·950	·948	37·1	34·7	30·8	51·0	·176	·174	80	86	WSW 2	Calm 0	10	0	—	
28	·944	29·872	38·9	41·1	29·8	54·0	·164	·203	69	79	W 2	W 2	1	5	·020	
29	29·956	30·075	36·3	33·7	31·9	41·7	·149	·157	69	82	NE 3	N 2	7	7	—	✳0
30	30·146	·138	39·7	31·5	27·0	46·0	·144	·132	58	74	ENE 2	NE 1	2	0	—	
31	30·095	30·026	39·9	32·8	25·1	48·1	·175	·157	71	84	E 1	E 1	0	0	—	
Means	29·811	29·817	41·6	40·7	35·8	47·6	·224	·229	82·4	87·5	2·4	2·2	7·9	6·6	3·650	

MARKREE CASTLE.

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

MARCH 1881.

Day.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	Remarks.
1	30·010	30·096	31·7	27·5	20·3	44·2	·147	·144	82	96	Calm 0	Calm 0	8	4	—	└ 9p.
2	30·149	29·965	33·2	37·9	25·3	39·4	·151	·179	79	78	E 3	E 5	10	10	·075	✳ a. [(sleet) p.
3	29·542	·349	33·2	35·3	32·4	37·9	·171	·197	90	95	ESE 6	SE 5	10	10	·265	Sharp squalls before 9a. ✳ 9a. ✳ ●
4	·324	29·228	38·1	40·1	34·5	42·9	·217	·231	95	93	SE 2	SE 3	10	10	·026	
5	·019	28·999	55·1	48·2	38·4	55·1	·402	·268	92	80	SE 5	SE 3	10	10	·142	
6	·140	29·210	48·3	42·6	42·6	54·8	·311	·258	92	94	SW 2	Calm 0	10	3	·002	Ψ0 ⌓2 9p.
7	·077	·351	45·0	42·9	39·1	51·4	·260	·226	87	82	Calm 0	NW 2	6	8	·090	Ψ 9p.
8	·593	·649	39·2	47·1	36·6	48·1	·203	·307	84	95	NW 3	WSW 4	6	10	·290	
9	·761	29·839	51·1	52·1	46·7	53·7	·327	·334	86	85	WSW 3	WSW 4	10	10	·078	
10	·967	30·005	52·2	50·2	49·7	55·4	·358	·312	92	86	SW 2	W 2	10	9	·006	Ψ 9p.
11	·975	30·020	50·8	48·3	47·8	56·4	·330	·313	88	93	SW 2	SW 1	10	10	·002	Ψ 9p.
12	·953	29·796	46·1	44·7	44·1	49·8	·291	·247	93	84	SW 1	S 3	10	10	—	
13	·547	29·506	46·2	50·3	43·3	56·7	·265	·319	86	88	S 4	SW 4	10	8	·322	
14	29·860	30·196	43·4	34·3	33·9	50·9	·224	·194	79	98	NW 2	Calm 0	6	7	—	└2 9p.
15	30·339	·367	42·6	44·7	28·1	54·9	·245	·249	89	84	N 1	Calm 0	10	10	—	
16	·331	·373	49·1	49·1	38·7	54·6	·279	·326	79	93	SW 2	SW 3	10	10	—	
17	·456	·445	52·1	47·9	47·9	56·1	·339	·296	86	90	SW 2	SSW 3	10	8	—	Evening observations at 9.20p.
18	·329	30·232	50·7	48·9	45·3	54·5	·302	·304	82	88	WSW 4	WSW 5	10	7	—	
19	30·120	29·995	50·1	45·3	44·5	54·2	·338	·297	93	99	WSW 3	Calm 0	10	10	·130	
20	29·937	·838	42·8	36·9	36·2	46·6	·223	·207	81	95	N 2	N 2	10	3	·098	⌒ 6p.
21	·799	·952	33·3	32·9	30·3	40·6	·166	·171	87	91	NNW 3	Calm 0	6	10	·140	✳ ▲ during day.
22	·966	·910	40·2	38·6	30·3	49·2	·192	·214	77	92	WNW 2	Calm 0	8	10	·276	✳ at night.
23	·399	·253	41·2	42·1	35·5	50·1	·244	·186	95	70	S 3	NW 4	10	0	·229	[night.
24	·348	·416	40·1	35·5	32·9	45·4	·202	·167	81	80	NW 5	NNW 5	10	4	·148	▲ ✳ during day. ╱ (force 7) at
25	·560	·534	33·8	32·1	30·3	41·6	·164	·176	84	96	NNW 5	N 5	5	8	·142	▲ ✳ during day. ╱ (force 7) at
26	·863	·936	40·1	33·1	31·3	45·6	·173	·174	70	92	NE 2	Calm 0	3	5	·010	✳ before 9a. └ 8p. [night.
27	·943	·935	38·2	29·2	27·3	44·4	·180	·136	78	84	NE 1	Calm 0	10	0	·002	└ till 7a.
28	·955	29·895	39·1	33·1	20·5	48·7	·165	·172	70	91	Calm 0	Calm 0	0	0	·032	
29	29·906	30·066	40·5	31·1	26·5	46·2	·208	·160	83	92	ENE 3	Calm 0	7	0	—	
30	30·102	30·093	36·9	31·1	18·9	44·7	·140	·128	68	72	ENE 3	Calm 0	0	0	—	└2 9a.
31	30·038	29·971	39·9	33·2	24·4	48·4	·162	·167	66	88	E 3	E 2	0	0	—	└2 9a.
Means	29·816	29·820	42·7	40·2	35·0	49·1	·238	·228	83·7	88·5	2·5	2·1	7·9	6·6	2·505	

DUBLIN.

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

MARCH 1881.

Day.	Barometer at 32° and M. S. L. 9 a.m.	9 p.m.	Air Temperature. 9 a.m.	9 p.m.	Min.	Max.	Tension of Vapour. 9 a.m.	9 p.m.	Relative Humidity. 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	30·038	30·108	32·5	35·9	27·1	40·5	·152	·194	82	92	WbyN 4	W 5	0	8	·020	Very fine *a.* ● ✳ showers after 3*p.*
2	30·208	30·083	35·8	40·0	33·9	41·6	·195	·181	93	73	ESE 2	ESE 7	10	10	·383	⁄ (gale) *p.* with squalls.
3	29·738	29·479	37·1	37·4	34·0	40·4	·188	·208	85	93	SE 8	SEbyS 9	10	10	·339	⁄ ✳ with squalls *a.* and *p.*
4	·359	·270	40·3	41·2	36·8	42·6	·243	·253	98	98	SE 4	E 2	10	10	·308	Dull day. ≋ *p.* [● 2
5	·170	·060	44·8	46·3	40·6	53·7	·283	·307	96	98	SSE 5	SE 2	10	10	·229	Bright and mild till 4*p.* ● ≋ later.
6	·237	·264	50·1	48·1	43·3	55·6	·313	·289	86	86	SW 3	SSE 2	8	8	·310	Very mild *p.*
7	·059	·339	45·7	45·7	43·9	50·7	·293	·258	96	85	WSW 1	WbyN 4	9	5	·020	● 2 ≋ *a.* Finer from 4*p.*
8	·624	·812	41·8	44·9	39·2	47·5	·207	·245	79	83	WNW 5	WbyN 4	1	10	·054	⁄ *a.* and *p.* ○ 5*p.* [Warm.
9	29·784	29·861	51·2	52·6	42·3	54·6	·338	·353	90	89	WbyS 7	WbyS 7	10	10	·010	⁄ 2 *n.* ⁄ with squalls *a.* and *p.*
10	30·023	30·066	52·2	51·5	51·1	56·7	·363	·317	93	84	WbyS 3	W 5	10	8	·011	⁄ *a.* and *p.*
11	30·019	30·027	50·4	50·2	47·2	53·8	·305	·300	84	83	W 5	W 3	7	9	—	
12	29·996	29·879	47·8	46·0	45·4	52·0	·288	·267	87	87	ESE 1	SE 3	10	9	—	Much cir. to Westward *p.*
13	·683	29·646	48·2	49·3	45·6	51·3	·293	·318	88	91	SE 5	SSW 4	10	4	·050	⁄ ≋0 (mist) *a.* Much finer *p.*
14	29·855	30·178	42·5	42·1	41·7	50·1	·239	·199	88	75	NW 3	NW 2	10	1	·012	⁄ ● *a.*
15	30·336	·384	41·0	42·1	35·1	50·9	·215	·238	84	89	W 2	Calm 0	0	0	—	—0 early *a.* Brilliant day.
16	·407	·435	45·9	48·9	37·1	51·6	·247	·267	81	78	W 2	W 2	5	10	—	
17	·508	·515	52·1	53·3	47·2	55·3	·319	·331	81	81	WSW 4	WbyS 4	6	10	—	Springlike day.
18	·422	·316	50·5	49·6	47·8	53·8	·273	·268	75	75	WSW 5	WbyS 8	10	8	—	⁄ *a.* and *p.* with squalls.
19	30·193	30·034	50·6	49·1	47·5	55·2	·282	·299	77	86	W 6	W 6	8	8	·023	⁄ *a.* and *p.* with squalls.
20	29·929	29·846	47·8	49·1	39·6	49·3	·238	·190	72	76	WNW 4	WNW 2	10	0	—	
21	·816	·937	36·2	33·3	33·0	41·3	·193	·142	90	75	WNW 3	WNW 3	8	0	·030	▲ ✳ *a.* and *p.*
22	·992	·960	36·6	38·2	30·5	46·3	·169	·171	78	74	WNW 2	W 2	2	0	—	✳ *a.* Very fine day.
23	·572	·268	43·5	43·2	36·2	51·5	·237	·236	83	85	S 4	W 3	10	2	·066	
24	·361	·407	42·2	37·2	36·3	46·3	·186	·166	70	76	WNW 5	WNW 4	2	2	·010	● ▲ showers *p.* [later.
25	·521	·631	37·4	33·6	32·2	43·0	·140	·154	63	80	NW 5	NW 4	1	2	·010	✳0 early *a.* ●0 ✳0 (sleet) *p.* ▲0
26	·814	·923	37·6	38·1	30·6	41·5	·158	·172	70	74	N 3	ENE 2	9	5	—	▲0 ✳0 early *a.*
27	·952	·949	38·4	36·0	35·4	42·5	·160	·163	69	76	ESE 1	Calm 0	10	1	—	
28	·955	29·887	33·8	36·0	28·1	45·1	·162	·170	83	80	Calm 0	SE 1	1	0	—	≋ *a.* Fine and bright *p.*
29	29·857	30·008	40·1	35·1	30·7	43·4	·202	·131	81	64	NW 2	N 3	9	4	—	Bright but very cold *p.*
30	30·094	30·081	36·2	39·0	33·7	41·6	·146	·167	63	71	E 4	EbyS 5	2	0	—	Squally 9*p.* [evening.
31	30·052	29·956	38·9	40·0	33·9	42·5	·163	·207	69	84	E 3	E 3	2	0	—	Brilliant, but wind very cold. ∞
Means	29·857	29·858	42·9	42·7	38·3	48·1	·232	·231	81·7	82·0	3·6	3·5	6·8	5·3	1·885	

PARSONSTOWN.

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

MARCH 1881.

1	30·063	30·129	33·2	33·4	24·0	45·2	·149	·189	79	99	NW 1	SW 0·5	1	10	·100	
2	30·150	29·963	35·2	37·6	26·0	43·0	·186	·209	90	93	ESE 1	ESE 9	10	10	·268	
3	29·550	·349	38·2	40·3	32·0	42·0	·210	·237	92	96	SE 9	SE 9	10	10	·155	
4	·269	·197	42·2	43·6	39·4	47·0	·261	·272	96	96	SE 2	ESE 3	10	10	·138	
5	·073	·033	50·2	46·4	43·2	57·9	·348	·311	96	98	S 2	SE 1	9	6	·078	
6	·227	·246	49·4	45·3	43·2	55·9	·347	·277	98	92	SW 0·5	S 1	7	7	·255	
7	·076	·405	42·8	45·4	41·0	51·4	·275	·304	100	100	NW 0·5	W 1·5	10	10	·066	
8	·708	·819	42·9	44·7	38·2	48·2	·260	·296	95	100	W 2	SW 4	4	10	·208	
9	29·874	29·932	51·0	51·3	43·2	53·2	·358	·373	96	99	SW 7	SW 10	10	10	·026	
10	30·044	30·101	51·6	49·3	49·0	53·4	·377	·339	99	97	SW 2	SW 2	10	10	·052	
11	30·074	30·060	49·2	47·0	47·0	52·8	·345	·323	99	100	SSW 2	WNW 2	10	10	—	≋0 (mist) 9*p.*
12	29·978	29·830	45·6	44·4	43·6	55·6	·292	·290	96	99	SSE 1·5	SE 5	10	10	—	
13	·577	29·586	42·2	49·9	42·2	57·9	·269	·359	100	100	SSE 6	SSE 1	10	10	·328	≋0 (mist) 9*p.*
14	29·882	30·234	42·8	35·6	35·6	51·6	·270	·209	99	100	NNW 0·5	NNE 1	10	0	—	Evening observations at 9.15*p.*
15	30·374	·416	41·8	38·6	29·0	55·8	·256	·234	97	100	S 0·2	SSW 0·1	4	2	—	Evening observations at 9.15*p.* ≋0 *p.*
16	·407	·455	46·3	46·0	35·7	52·5	·295	·311	95	100	SW 0·5	SSW 0·1	6	10	—	
17	·541	·545	49·3	51·4	45·6	56·1	·347	·333	99	88	SSW 0·1	W 3	10	10	—	≋0 (mist) before 9*a.*
18	·454	·387	49·3	47·5	45·5	51·8	·336	·319	96	98	SW 2	SW 2	10	10	—	≋0 (mist) 9*p.*
19	30·243	30·080	49·5	47·0	45·6	52·8	·334	·311	95	97	SW 2	SSW 4	6	10	·038	
20	29·953	29·886	45·0	39·0	38·9	48·4	·287	·230	96	97	WNW 1	W 1	10	7	—	
21	29·872	30·016	37·3	31·5	31·0	41·9	·197	·169	89	95	WNW 3	WNW 3	6	1	·060	Squalls with ▲ ✳ *a.* and *p.*
22	30·017	29·956	40·5	37·3	29·0	48·3	·227	·207	90	93	W 0·5	Calm 0	3	10	·328	
23	29·458	·311	44·3	42·0	35·0	51·7	·282	·256	97	96	SSE 4	W 1	10	1	·232	
24	·421	·495	44·1	35·8	35·6	46·3	·271	·205	93	98	W 2	WNW 3·5	4	9	·048	▲ *p.*
25	·624	·689	37·8	31·4	30·6	42·4	·206	·167	91	95	WNW 2	W 3	3	0	·008	✳ before 9*a.* ✳ ▲ *p.*
26	·850	·930	36·2	37·3	30·7	43·0	·199	·216	93	97	NNW 0·5	Calm 0	8	10	—	
27	·948	·932	38·8	34·0	31·4	46·4	·229	·194	97	99	SE 1	ENE 0·2	8	0	—	≋ *p.*
28	·957	29·903	31·8	34·0	22·6	49·7	·156	·194	87	99	NE 0·3	ESE 0·4	6	0	—	
29	29·879	30·029	39·2	30·8	24·8	46·6	·220	·157	92	91	NW 1	NE 0·4	5	0	—	⌓ before 9*a.* ≋ 9*a.*
30	30·076	30·070	37·8	32·5	22·2	45·5	·214	·175	95	95	E 1·5	NE 3	2	0	—	≋ 9*a.* and before.
31	30·009	29·937	40·0	35·5	27·8	49·5	·234	·203	95	98	ESE 2	E 2	6	0	—	⌓ ≋0 (mist) before 9*a.* ≋0 (mist) 9*p.*
Means	29·859	29·868	42·8	40·8	35·8	49·8	·266	·254	94·6	96·9	2·0	2·5	7·4	6·5	2·388	

NOTE:—From the 20th the wet-bulb readings are somewhat doubtful.

DUNROBIN CASTLE.

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

APRIL 1881.

Day.	Barometer at 32° and M. S. L. 9 a.m.	9 p.m.	Air Temperature. 9 a.m.	9 p.m.	Min.	Max.	Tension of Vapour. 9 a.m.	9 p.m.	Relative Humidity. 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	30·080	30·183	35·8	31·3	31·0	37·7	·199	·152	95	87	NE	NE	—	—	—	Dull, with cold winds.
2	·303	·333	33·5	31·3	29·5	36·7	·172	·176	90	100	NE	N	—	—	—	Dull.
3	·278	·236	35·8	39·2	24·7	46·5	·203	·224	97	93	W	W	—	—	—	Fine and clear.
4	·192	·102	47·5	36·5	34·9	48·0	·259	·195	80	91	E	NE	—	—	—	Fine. Milder.
5	·049	·017	40·4	41·4	32·7	48·0	·230	·219	92	85	NW	NW	—	—	—	Fine and mild.
6	·015	·135	42·2	40·4	32·0	45·5	·250	·242	92	97	N	NE	—	—	—	Fine, but with cold winds.
7	·209	·301	43·9	39·6	34·5	44·7	·256	·223	89	92	E	E	—	—	—	Fine. Dry cold winds.
8	·275	·178	39·9	36·8	35·4	44·7	·201	·210	82	97	SE	E	—	—	—	Fine. Cold winds.
9	·153	30·123	43·6	40·9	32·5	48·7	·238	·251	84	99	E	SE	—	—	—	Fine, but cold and dry.
10	30·054	29·947	41·9	39·4	37·6	49·3	·236	·218	90	91	E	E	—	—	—	Fine, but cold and dry.
11	29·915	·839	43·6	39·9	37·1	49·3	·248	·235	87	96	E	E	—	—	—	Fine, but cold.
12	·742	·766	41·9	43·6	39·6	46·7	·261	·282	99	99	E	NE	—	—	·150	Dull. ●.
13	·855	29·963	51·3	43·2	42·7	52·3	·344	·264	91	94	NE	E	—	—	·020	Milder.
14	·965	30·010	44·2	41·9	41·5	46·0	·270	·257	93	97	E	NE	—	—	—	Dull. Cold winds.
15	29·982	·133	45·4	42·4	41·2	49·3	·264	·262	88	97	E	E	—	—	—	Cold winds.
16	30·185	·238	46·2	41·2	38·8	51·5	·263	·221	85	86	NE	NE	—	—	—	Fine and mild.
17	·297	·333	50·3	40·6	37·8	51·7	·224	·187	62	74	E	NE	—	—	—	Fine and clear.
18	·329	·287	46·4	37·6	30·7	53·7	·231	·187	74	83	E	NE	—	—	—	Fine and bright *a.* Dull *p.*
19	·309	30·207	39·4	37·4	37·4	41·3	·175	·194	73	87	N	NW	—	—	—	Cold and dull *a.*
20	30·066	29·939	40·4	38·9	34·5	46·0	·211	·208	84	88	N	NE	—	—	—	Cold and dull *a.* ▲ showers *p.*
21	29·804	29·714	42·4	42·9	36·6	50·3	·210	·256	78	91	NW	W	—	—	·020	Cold and dull. ●0.
22	·863	30·009	44·9	40·6	35·4	52·3	·244	·240	83	95	NW	NE	—	—	—	Dull but milder.
23	·895	29·854	44·9	41·6	35·6	49·7	·254	·243	86	93	NW	W	—	—	·040	Dull day.
24	·817	·523	50·5	47·2	39·1	52·3	·293	·313	80	97	W	S	—	—	·250	Fine and mild *a.* Cloudy *p.*
25	·489	29·563	46·2	40·9	40·5	50·5	·278	·251	90	99	W	W	—	—	·440	Dull, with ●.
26	29·728	30·004	45·4	42·4	37·6	51·5	·271	·241	90	89	W	W	—	—	·050	Dull, with ●.
27	30·051	·111	46·4	40·6	36·1	50·5	·278	·251	89	99	SE	NE	—	—	·100	Fine and mild *a.* Cloudy *p.*
28	30·151	30·054	50·5	45·4	37·4	56·3	·288	·304	79	100	W	NE	—	—	·200	Fine and mild *a.* ● *p.*
29	29·929	29·862	46·4	49·5	44·2	55·7	·314	·355	99	100	W	SE	—	—	·150	Dull, with ●.
30	29·766	29·609	46·4	43·4	42·7	51·0	·316	·262	100	93	NE	E	—	—	·050	● *a.* and *p.*
Means	30·025	30·019	43·9	40·6	36·4	48·6	·249	·237	86·7	93·0	—	—	—	—	1·470	

BRAEMAR.

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

APRIL 1881.

1	30·052	30·176	33·7	28·9	26·1	43·5	·174	·153	89	97	E 0·5	NE 2	3	7	—	Very cold and damp.
2	·262	·326	28·0	25·7	25·7	41·1	·144	·139	94	100	NE 2	NE 2	6	0	—	Dull.
3	·301	·242	27·0	33·0	16·4	46·5	·137	·178	94	95	NE 1	N 1	0	2	—	Clear.
4	·173	·158	38·6	34·0	31·8	44·5	·211	·170	90	86	NW 1	NE 0·5	7	0	—	
5	·078	·020	29·7	32·9	26·0	44·5	·138	·183	84	98	NE 0·5	NE 0·5	0	0	—	
6	·032	·113	31·7	36·0	25·7	46·6	·167	·191	94	90	NE 0·5	NE 1	7	6	—	
7	·206	·284	37·6	33·5	26·4	42·8	·182	·160	80	83	NE 0·5	SE 0·5	7	7	—	
8	·251	·226	32·6	34·5	29·7	40·5	·167	·170	90	85	SE 2	S 2	8	8	—	Dull.
9	·185	·140	34·7	33·4	30·4	43·5	·178	·191	88	100	S 1	S 1	6	3	—	Sunny.
10	30·081	30·017	38·9	34·2	29·4	43·0	·189	·178	81	89	S 4	S 1	5	7	—	Sunny.
11	29·948	29·894	38·4	37·8	27·2	48·5	·163	·199	70	88	SE 1	E 2	8	10	·060	Sunny.
12	·796	29·798	41·0	45·8	36·4	45·9	·235	·282	92	92	E 1	SW 2	10	10	·050	●
13	29·932	30·000	44·9	40·2	40·1	48·5	·265	·235	90	94	S 3	NE 1	8	7	—	Fine *a.* ≋ *p.*
14	30·000	29·989	39·9	43·6	39·9	48·5	·204	·244	83	86	SE 1	E 1	8	7	—	Fine.
15	29·966	30·012	43·8	37·9	36·6	52·5	·222	·217	77	96	NE 0·5	E 0·5	6	1	—	Fine.
16	30·126	·164	36·0	41·3	27·4	53·0	·184	·239	87	92	E 0·5	E 0·5	2	8	—	Fine.
17	·252	·327	41·9	35·0	35·0	53·7	·222	·184	85	90	NE 2	NE 1	6	0	—	Fine.
18	·262	·284	42·6	33·5	22·4	49·9	·232	·176	85	92	NE 0·5	NE 2	1	8	—	✳0 showers.
19	·259	30·128	32·5	32·5	31·4	47·2	·168	·168	91	91	NE 2	NE 2	8	8	—	Very cold.
20	30·006	29·926	34·7	32·7	30·6	44·5	·154	·165	76	89	N 2	NE 4	8	8	·020	✳ showers.
21	29·796	·704	36·9	38·6	32·1	43·5	·194	·196	89	84	NW 3	NW 2	6	8	—	
22	·825	·994	40·6	38·6	34·7	47·5	·182	·201	71	86	NW 2	NE 1	3	7	—	
23	·832	·823	42·8	40·3	29·6	45·7	·183	·215	66	87	SW 2	N 1	5	4	·120	
24	·837	·565	47·3	45·6	38·1	48·8	·209	·248	65	81	NW 3	SW 6	4	8	·020	
25	·565	29·642	43·4	37·4	37·3	46·8	·187	·183	67	82	NW 6	SW 2	5	5	·050	
26	29·721	30·001	42·2	34·5	34·5	46·5	·198	·190	75	95	NW 4	SW 2	7	10	·360	✳ ● showers.
27	30·052	·135	39·6	39·4	34·1	52·5	·211	·225	87	94	SE 0·5	SW 1	9	8	·140	
28	30·149	30·075	43·6	42·8	28·4	54·5	·224	·253	79	92	SW 1	NW 1	7	10	·030	Fine *a.* ● *p.*
29	29·904	29·824	51·5	49·0	42·2	56·5	·298	·261	78	75	NE 2	W 1	8	8	·100	
30	29·715	29·528	48·5	45·6	42·7	55·3	·292	·269	87	88	SE 0·5	SE 1	8	7	·140	
Means	30·019	30·020	38·8	37·3	31·6	47·5	·197	·202	82·8	89·9	1·7	1·5	5·9	6·1	1·090	

LAUDALE.

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

APRIL 1881.

Day.	Barometer at 32° and M. S. L. 9 a.m.	9 p.m.	Air Temperature. 9 a.m.	9 p.m.	Min.	Max.	Tension of Vapour. 9 a.m.	9 p.m.	Relative Humidity. 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	30·019	*30·100*	32·4	*30·0*	29·8	44·7	·138	*·034*	75	*92*	Calm 0	*E 2*	5	*10*	—	
2	*·230*	*·310*	*32·0*	30·0	27·9	43·9	*·133*	*·140*	*83*	*83*	*E 2*	*ENE 1*	*10*	*0*	—	
3	*·330*	·271	*36·0*	33·0	26·8	47·4	*·176*	·130	*82*	69	*E 1*	Calm 0	*0*	*10*	—	
4	·162	30·138	39·2	38·7	25·0	50·2	·207	·217	86	92	Calm 0	Calm 0	5	2	—	≋ *a.* and *p.*
5	30·040	29·977	42·2	36·9	29·9	51·5	·210	·169	79	78	Calm 0	Calm 0	2	2	—	≋ *a.* and *p.*
6	29·991	30·091	41·9	38·6	30·0	51·2	·212	·189	80	81	Calm 0	Calm 0	2	2	—	≋ *a.* and *p.*
7	30·176	·218	42·8	48·5	37·0	49·4	·201	·263	73	77	E 2	E 2	2	5	—	≋ *a.* and *p.*
8	·213	·135	39·6	41·8	32·5	48·5	·161	·213	67	80	E 2	E 1	2	5	—	≋ *a.* and *p.*
9	30·133	30·023	42·5	44·0	36·1	52·4	·186	·209	69	72	E 2	E 2	5	5	—	≋ *a.* and *p.*
10	29·975	29·881	48·0	38·8	37·5	52·2	·224	·154	67	65	E 3	E 3	5	5	—	≋ *a.* and *p.*
11	·799	·726	47·0	47·0	38·8	55·1	·229	·235	72	74	E 3	E 4	5	2	—	≋ *a.* and *p.*
12	·662	·714	48·0	53·2	43·9	53·2	·267	·321	80	79	SE 1	SSE 4	8	6	·180	Very dull *a.*
13	*·837*	·911	52·6	53·0	47·3	53·2	·335	·317	84	79	SSE 5	SSE 2	8	8	·260	≋⁰ (mist) *a.* and *p.*
14	·933	29·911	50·0	50·0	47·2	53·0	·280	·265	78	74	SSE 1	ESE 2	6	6	—	
15	29·911	30·017	52·8	49·0	47·4	52·8	·259	·221	65	63	SE 2	SE 1	6	6	—	
16	30·082	·114	50·0	49·0	36·2	59·4	·245	·200	68	57	Calm 0	Calm 0	0	0	—	
17	·145	·265	*49·4*	46·0	40·8	60·0	*·298*	·225	*84*	73	E 3	Calm 0	0	0	—	
18	·267	·277	50·2	42·0	36·3	57·8	·190	·209	52	79	E 1	NE 5	0	5	—	
19	·315	30·256	39·7	39·8	35·0	46·1	·168	·176	69	72	NE 3	NE 2	5	5	—	
20	30·028	29·956	41·0	40·0	34·9	46·3	·174	·177	68	71	N 1	N 1	5	5	—	▲² ✳² showers *p.*
21	29·860	·736	41·0	43·0	32·5	47·0	·183	·255	71	92	NW 2	Calm 0	6	8	·010	Mild. ≋⁰ (mist) ●⁰ *p.*
22	·880	·986	47·1	41·8	34·9	52·3	·232	·218	72	83	Calm 0	Calm 0	5	0	·010	
23	·902	·931	45·5	45·2	32·8	48·1	·249	·255	82	85	W 2	Calm 0	8	8	--	≋⁰ (mist) *a.* and *p.*
24	·872	·621	49·0	51·0	42·0	51·2	·303	·299	87	80	W 1	W 5	8	10	·620	≋⁰ (mist) *a.* and *p.*
25	·678	29·711	43·8	43·0	43·2	51·0	·230	·232	80	83	W 5	W 3	9	10	·210	▲ ✳ ● (sleet) *a.* ▲² showers *p.*
26	29·825	30·027	46·0	45·8	40·3	51·1	·246	·246	80	80	W 4	W 3	8	8	—	▲ ✳ before 9*a.* ≋⁰ (mist) *a.* and *p.*
27	30·071	·175	46·4	42·0	41·3	50·9	·254	·245	81	92	Calm 0	NW 1	10	10	·010	≋⁰ (mist) *a.* and *p.*
28	30·179	30·094	49·8	48·4	33·8	54·1	·230	·315	65	93	WNW 1	Calm 0	10	10	·010	≋⁰ (mist) *a.* and *p.*
29	29·973	29·901	49·9	48·8	46·9	54·3	·338	·305	95	88	Calm 0	SW 2	10	10	·110	≋⁰ (mist) *a.* and *p.*
30	29·690	29·461	50·8	51·0	44·9	54·8	·261	·304	70	81	S 2	S 1	10	10	·050	Very threatening appearance to S. *a.*
Means	30·006	29·998	44·9	43·6	37·1	51·4	·228	·229	75·5	78·9	1·6	1·6	5·5	5·8	1·470	≋⁰ (mist) *a.* and *p.*

DUNDEE.

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

APRIL 1881.

1	30·061	30·131	40·4	33·5	30·2	45·7	·196	·154	78	81	SE 2	NE 6	10	10	—	Dull.
2	·206	·318	33·5	30·5	29·2	35·9	·154	·125	81	73	NE 6	NE 1	10	10	—	▲⁰ ✳⁰ showers *n.* and during day.
3	·330	·248	39·4	33·5	28·2	45·7	·128	·154	53	81	SW 1	E 1	7	7	—	Fine.
4	·220	·147	38·4	36·4	32·2	47·7	·179	·182	78	84	SE 1	SE 1	10	10	—	Dull.
5	·074	·035	44·4	30·5	30·2	45·7	·194	·125	66	73	SW 1	SE 1	0	0	—	Fine.
6	·039	·148	36·4	38·4	25·2	49·7	·133	·214	61	93	NW 1	NE 1	0	7	—	Fine.
7	·250	·315	40·4	35·5	35·2	42·8	·194	·155	78	74	SE 2	SE 4	10	10	—	Dull. ✳⁰ ●⁰ (sleet) 1.30*p.* and 6*p.*
8	·281	·255	36·4	36·4	34·2	44·8	·164	·182	76	84	SE 2	SE 2	10	10	—	✳⁰ 6.30*a.* Dull day.
9	·198	·154	40·4	36·4	34·2	45·7	·177	·200	71	93	SE 4	SE 4	10	7	—	Cloudy.
10	30·125	30·025	41·4	37·4	32·2	46·7	·186	·189	72	85	SE 6	SE 8	10	10	—	Cloudy.
11	29·950	29·858	42·4	39·4	35·2	46·7	·195	·205	72	85	SE 6	SE 6	10	10	·050	Dull.
12	·771	29·827	40·4	44·4	38·3	44·4	·251	·272	100	93	SE 4	E 1	10	10	·050	✳ ● (sleet) *n.* ●⁰ showers during [day.
13	29·958	30·029	43·4	41·4	41·3	44·8	·262	·261	93	100	E 1	E 4	10	10	—	≋ ●⁰ in past *n.*
14	30·038	·009	43·4	40·4	38·3	45·7	·262	·232	93	93	E 2	E 4	10	10	—	Dull.
15	·008	·100	43·4	39·4	38·3	47·7	·241	·224	85	93	SE 4	SE 4	10	7	—	Dull.
16	·128	·151	46·4	44·4	35·2	53·7	·250	·230	80	79	E 6	NE 4	5	10	—	Fine day. ●⁰ showers from 7*p.*
17	·235	·311	47·4	38·4	38·4	55·7	·239	·163	74	70	E 2	NE 2	10	0	—	Fine.
18	·324	·276	43·4	37·4	32·2	50·7	·221	·172	78	77	E 1	NE 6	10	10	—	Dull.
19	·267	30·157	37·4	36·4	34·2	42·8	·140	·164	63	76	NE 6	NE 1	10	10	—	Dull. ● 10*a.*—3*p.*
20	30·008	29·888	38·4	35·5	34·2	44·8	·148	·139	64	66	N 1	N 4	10	10	—	▲⁰ showers.
21	29·786	·683	41·4	41·4	34·2	49·7	·156	·203	60	79	NE 6	NW 2	5	10	—	Cloudy.
22	·836	·997	45·4	38·4	37·3	53·7	·186	·195	61	85	NE 2	NW 1	5	10	—	Cloudy.
23	·894	·812	44·4	42·4	37·3	49·7	·211	·212	72	79	W 1	NW 1	10	5	·100	Cloudy. ●⁰ 1*p.*—3*p.*
24	·873	·636	47·4	49·4	37·3	54·7	·260	·262	80	74	W 1	SW 4	7	10	—	Dull.
25	·576	29·619	50·4	41·4	41·3	54·7	·197	·186	54	72	W 4	W 2	5	5	—	Dull.
26	29·758	30·018	48·4	41·4	35·2	55·7	·196	·221	58	86	NW 2	NW 1	5	10	—	●⁰ ▲⁰ showers from 0.30*p.*
27	30·087	·132	46·4	41·4	37·3	53·7	·212	·221	68	86	SE 1	SE 1	5	10	—	Fine.
28	30·199	30·112	50·4	47·4	34·2	59·7	·251	·282	69	87	SW 1	W 1	7	10	—	
29	29·946	29·862	53·4	48·4	44·3	61·7	·327	·293	80	87	W 1	W 2	10	10	·050	Dull. ●⁰ 6*p.*—7*p.*
30	29·739	29·591	50·4	44·4	40·3	55·7	·291	·272	80	93	SE 1	SE 1	10	10	·450	Dull. ●⁰ from 6.30*p.*
Means	30·039	30·028	43·2	39·4	35·2	49·2	·207	·203	73·3	82·7	2·6	2·7	8·0	8·6	0·700	

ROTHESAY.

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

APRIL 1881.

Day.	Barometer at 32° and M. S. L. 9 a.m.	9 p.m.	Air Temperature. 9 a.m.	9 p.m.	Min.	Max.	Tension of Vapour. 9 a.m.	9 p.m.	Relative Humidity. 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	30·037	30·079	37·7	36·0	33·2	48·4	·159	·180	70	85	NE	E	—	—	—	Clear *a.* ∞.
2	·211	·308	34·0	32·0	30·7	38·0	·132	·110	67	61	ENE	SE	—	—	—	Cloudy. Blowy and cold.
3	·316	·246	38·1	33·5	28·7	47·4	·146	·143	64	75	ENE	Calm	—	—	—	Clear and fine.
4	·215	·142	45·6	40·6	28·2	50·9	·183	·194	60	77	Calm	E	—	—	—	Fine.
5	·059	·008	40·7	37·1	29·7	48·9	·172	·211	68	95	ESE	E	—	—	—	Clear and fine.
6	·004	·093	40·4	38·7	31·2	51·1	·179	·177	71	76	NE	E	—	—	—	Clear.
7	·199	·257	41·6	37·1	34·2	51·9	·200	·156	76	71	E	E	—	—	—	Fine.
8	·248	·179	36·2	41·1	30·2	50·9	·145	·203	67	79	SE	E	—	—	—	Clear and fine.
9	·175	30·077	39·1	41·1	31·7	52·9	·182	·207	77	81	NE	SE	—	—	—	Clear and fine.
10	30·045	29·907	40·1	40·1	32·7	55·6	·183	·208	73	84	E	E	—	—	—	Clear and fine.
11	29·846	·751	41·6	41·7	35·7	49·5	·205	·253	78	96	NE	E	—	—	·005	Blowy and cold.
12	·701	·779	48·2	49·0	40·1	51·5	·300	·327	90	94	E	SSE	—	—	·346	Dull with ●. T to NE. *p.*
13	·870	·926	51·0	48·0	47·1	60·6	·348	·314	93	94	SE	E	—	—	·235	Dull and mild.
14	·946	29·907	43·1	43·7	41·1	53·9	·265	·243	95	85	ENE	ENE	—	—	·050	Blowy.
15	29·903	30·037	43·7	45·3	39·4	51·9	·247	·259	86	86	NE	E	—	—	—	Cloudy and blowy.
16	30·094	·124	46·1	45·7	39·1	58·5	·247	·241	79	79	E	E	—	—	—	Breezy.
17	·183	·225	43·7	45·1	40·1	58·5	·251	·199	88	67	ENE	ENE	—	—	—	Blowy.
18	·283	·238	44·7	43·6	37·1	55·5	·221	·222	75	78	ENE	SE	—	—	—	Clear and cold.
19	·230	30·187	43·1	38·1	31·7	50·2	·167	·149	60	65	ENE	NE	—	—	—	Cold.
20	30·064	29·950	40·6	37·6	32·2	47·2	·154	·138	61	61	E	NE	—	—	—	Cold. ✢, piles of snow.
21	29·856	·754	44·1	40·4	29·2	49·4	·173	·230	60	92	NW	N	—	—	—	Cloudy and cold.
22	·864	·993	51·5	42·1	35·2	58·0	·276	·268	73	100	NE	NW	—	—	—	Clear and fine.
23	·957	·919	45·3	44·6	33·7	48·9	·254	·254	84	86	WSW	NW	—	—	·175	Dull. ● *a.*
24	·963	·770	48·2	47·6	39·7	50·9	·279	·310	84	95	WSW	SW	—	—	·110	Dull.
25	·741	29·770	43·4	42·1	39·6	50·9	·241	·228	85	85	W	W	—	—	·185	●² showers. Cold.
26	29·847	30·075	46·9	44·1	37·6	52·4	·238	·247	75	85	NW	SW	—	—	—	Blowy and cold.
27	30·094	·172	50·2	44·7	39·1	55·0	·267	·244	74	83	W	NW	—	—	·005	Fine *a.*
28	·222	30·135	51·2	48·0	34·2	58·0	·279	·319	74	96	W	W	—	—	·035	Fine *a.* Dull and damp *p.*
29	30·027	29·903	52·0	47·0	46·1	53·9	·328	·316	84	98	SW	Calm	—	—	·110	Dull and mild.
30	29·714	29·544	48·0	48·0	41·1	53·9	·335	·335	100	100	SE	ENE	—	—	·500	Dull and damp.
Means	30·030	30·015	44·0	42·1	35·7	52·2	·225	·230	76·4	83·6	—	—	—	—	1·756	

PINMORE.

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

APRIL 1881.

1	29·976	30·042	40·6	36·2	21·5	57·1	·155	·178	61	83	E	E	—	—	—	
2	30·129	·240	40·6	28·4	27·5	44·3	·169	·065	67	42	E	E	—	—	—	
3	·260	·215	39·1	28·4	19·5	49·2	·166	·102	70	66	E	E	—	—	—	
4	·186	30·123	43·2	30·4	19·5	54·1	·154	·145	55	85	E	E	—	—	—	
5	30·016	29·963	39·1	29·4	20·5	52·1	·145	·163	61	100	E	E	—	—	—	
6	29·952	30·045	39·1	39·1	18·5	55·1	·156	·138	66	58	E	E	—	—	—	
7	30·145	·194	45·9	35·3	25·5	52·1	·196	·152	64	73	SE	SE	—	—	—	
8	·189	·126	40·6	41·0	27·5	53·1	·169	·213	67	85	E	SE	—	—	—	
9	·124	30·066	46·9	32·4	28·0	54·6	·195	·162	61	88	E	E	—	—	—	
10	30·019	29·856	46·9	44·0	32·4	55·1	·195	·220	61	76	SE	S	—	—	—	
11	29·769	·708	49·8	47·9	41·4	56·1	·241	·303	68	92	S	S	—	—	—	
12	·670	·781	45·9	48·9	41·4	50·1	·281	·313	92	91	S	S	—	—	·290	
13	·796	·818	53·9	50·8	47·2	61·1	·281	·315	68	85	S	S	—	—	·050	
14	·857	·866	55·4	55·4	48·2	60·1	·313	·327	71	74	S	S	—	—	·020	
15	29·913	29·979	47·1	47·9	44·8	60·1	·290	·291	90	88	S	S	—	—	·040	
16	30·019	30·080	52·8	44·0	34·0	61·1	·281	·248	71	86	S	S	—	—	—	
17	·111	·090	49·8	44·0	37·9	61·1	·261	·238	73	82	E	E	—	—	—	
18	·159	·118	53·9	42·0	39·4	62·1	·260	·205	63	77	SE	E	—	—	—	
19	30·157	30·049	38·2	40·1	32·0	60·1	·145	·206	63	83	E	NE	—	—	—	
20	29·976	29·829	39·1	35·3	32·5	53·1	·166	·178	70	86	NE	NE	—	—	·040	
21	·774	·686	47·7	42·0	28·5	49·2	·231	·205	70	77	NE	N	—	—	—	
22	·807	·982	47·7	39·9	36·0	58·1	·250	·208	76	85	E	E	—	—	—	
23	·977	·923	45·4	44·4	29·5	48·2	·243	·207	81	71	SE	NW	—	—	·220	
24	·976	·779	46·9	47·9	41·4	53·1	·269	·298	85	91	NW	W	—	—	·150	
25	·779	29·814	48·4	42·0	42·0	52·1	·298	·241	88	91	NW	NW	—	—	·210	
26	29·902	30·072	46·9	42·5	38·4	52·1	·248	·216	78	81	NW	W	—	—	—	
27	30·110	·149	46·9	44·9	42·4	54·1	·248	·195	78	66	NW	NW	—	—	—	
28	·205	30·149	53·9	47·4	30·5	59·1	·260	·320	63	98	NW	W	—	—	·100	
29	30·044	29·916	51·8	47·9	47·2	58·1	·333	·303	86	92	W	W	—	—	·040	
30	29·757	29·495	47·9	46·9	45·3	58·1	·303	·291	92	92	W	S	—	—	·420	
Means	29·992	29·972	46·4	41·6	34·0	55·1	·230	·222	72·0	81·4	—	—	—	—	1·580	

SCALEBY.

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

APRIL 1881.

Day.	Barometer at 32° and M. S. L. 9 a.m.	9 p.m.	Air Temperature. 9 a.m.	9 p.m.	Min.	Max.	Tension of Vapour. 9 a.m.	9 p.m.	Relative Humidity. 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	29·990	30·038	36·8	37·8	26·5	46·2	·162	·162	74	71	NE 3	E 4	0	5	—	
2	30·106	·268	37·0	31·8	31·0	37·8	·177	·133	81	74	E 4	E 5	8	6	—	
3	·269	·239	36·3	28·8	28·5	40·0	·134	·107	63	68	E 5	E 1	1	0	—	
4	·194	·116	38·3	36·8	23·0	43·2	·147	·138	64	63	E 4	E 4	10	10	—	
5	30·027	·023	37·0	32·3	31·0	40·0	·137	·130	62	70	E 6	E 4	5	10	—	
6	29·985	·011	39·3	34·8	29·5	46·8	·157	·166	66	81	E 5	E 2	1	4	—	
7	30·193	·221	38·6	34·3	33·5	45·0	·172	·133	73	67	E 4	E 4	8	3	—	
8	·193	·184	41·0	36·0	31·8	54·0	·163	·186	63	88	E 5	E 3	5	0	—	
9	·158	30·158	43·3	35·8	29·8	55·0	·198	·184	70	89	SE 3	E 3	2	0	—	
10	30·149	29·934	43·3	38·3	29·2	54·0	·182	·209	64	91	E 2	Calm 0	0	4	—	
11	29·851	·744	41·6	41·8	34·0	49·2	·214	·225	82	85	E 6	E 5	5	10	·060	
12	·731	·829	51·3	50·8	41·8	55·2	·311	·317	82	85	SE 3	E 2	8	6	·020	
13	·873	·916	53·8	49·0	48·0	64·0	·351	·315	84	91	NE 2	E 4	10	10	·080	
14	·919	·879	46·6	43·3	40·2	51·8	·316	·240	99	86	E 5	E 3	8	8	·040	
15	29·884	29·873	43·3	42·8	39·2	51·0	·256	·255	92	93	NE 2	E 3	10	10	—	
16	30·020	30·057	48·0	42·8	38·5	50·2	·239	·246	72	90	E 2	Calm 0	5	10	—	
17	·134	·178	44·8	39·0	39·0	56·2	·250	·221	84	94	E 3	E 2	10	4	—	
18	·241	·203	40·3	41·0	34·0	46·5	·208	·219	84	86	NE 4	NE 2	10	10	—	
19	30·198	30·124	37·8	36·6	35·2	41·5	·162	·167	71	77	E 4	N 2	10	10	—	
20	29·976	29·930	38·3	32·6	32·0	44·0	·162	·160	71	88	NE 2	Calm 0	10	4	—	
21	·810	·696	39·8	39·8	26·8	45·5	·156	·188	63	77	NW 2	SW 2	8	5	—	
22	29·829	·992	43·3	39·8	34·0	51·0	·182	·188	64	77	NE 4	NE 2	6	5	—	
23	30·015	·866	42·3	40·8	31·0	46·2	·225	·213	84	84	SW 2	W 2	8	3	·220	
24	29·967	·802	47·8	48·8	33·0	51·5	·260	·271	78	78	W 3	W 6	4	8	·060	
25	·723	29·780	50·3	43·1	41·5	52·0	·256	·224	71	80	SW 6	SW 5	9	1	·080	
26	29·837	30·039	45·8	42·8	33·0	54·0	·306	·212	99	77	W 5	W 2	5	1	·020	
27	30·078	·143	48·8	41·8	37·0	56·0	·250	·252	72	96	W 1	Calm 0	8	4	·010	Cuckoo heard.
28	·217	30·154	49·0	47·8	31·0	57·5	·278	·305	80	92	W 1	W 1	0	10	·080	
29	30·017	29·830	51·0	48·0	45·5	59·0	·366	·328	98	98	Calm 0	W 2	10	10	·060	First butterfly seen.
30	29·725	29·442	51·3	49·8	46·0	55·0	·336	·329	89	92	S 2	W 1	10	10	·270	
Means	30·010	29·989	43·5	40·3	34·5	50·0	·224	·214	76·6	82·9	3·3	2·5	6·5	6·0	1·000	

SCARBOROUGH.

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

APRIL 1881.

1	30·018	30·006	41·7	36·6	34·5	43·3	·216	·204	83	95	E 2	ENE 4	7	10	—	
2	·100	·213	36·6	32·1	32·1	37·3	·200	·128	93	70	ENE 6	NE 5	10	3	—	
3	·259	·239	36·3	32·6	31·3	41·3	·166	·132	78	71	ENE 4	ENE 3	6	1	—	
4	·196	30·151	39·7	35·6	32·5	44·3	·199	·152	81	72	ENE 2	ENE 2	10	10	—	
5	30·049	29·974	36·3	34·6	33·4	40·2	·158	·143	74	71	ENE 2	ENE 2	10	1	—	
6	29·992	30·082	42·2	37·2	33·7	43·9	·185	·188	70	85	NE 2	ENE 2	5	10	—	
7	30·212	·239	37·8	36·6	36·0	43·3	·184	·160	81	74	E 3	ENE 2	10	10	—	
8	·234	·235	41·6	37·0	35·3	42·0	·214	·202	82	92	E 1	E 2	10	5	—	
9	·205	·171	44·6	37·7	36·5	47·5	·236	·184	79	81	ESE 2	SE 2	8	3	—	
10	30·125	30·011	43·8	38·6	36·4	48·0	·233	·214	81	92	SE 2	SE 2	7	10	—	
11	29·921	29·842	43·3	41·8	37·0	47·2	·247	·260	88	99	SSE 1	SE 2	10	10	·200	
12	·813	·884	50·9	49·1	41·5	59·1	·327	·328	88	94	SSW 1	SSW 1	5	10	·030	
13	·968	·998	46·7	42·7	42·5	52·3	·287	·263	91	96	SE 1	SE 1	10	10	—	9a. 9p.
14	·939	·910	46·4	41·9	40·5	49·0	·273	·244	87	92	E 1	E 1	10	3	·040	
15	29·900	29·973	43·4	41·7	40·5	49·2	·261	·257	93	97	NNE 2	E 2	10	10	·120	9a. 9p. (mist) p.
16	30·003	30·060	42·6	42·1	40·5	44·3	·266	·261	97	97	N 1	N 1	10	10	·050	9p. (mist) a. and p. 9p.
17	·123	·167	44·3	40·8	39·5	47·5	·268	·233	92	92	N 3	NE 1	5	0	—	9a. and before.
18	·202	·132	38·1	40·9	37·3	43·3	·212	·238	92	94	NE 4	NNE 4	10	10	·010	
19	30·121	30·060	37·7	35·6	34·5	41·3	·143	·172	63	83	N 6	N 5	10	10	·010	
20	29·922	29·795	40·1	36·6	34·5	42·3	·186	·176	74	81	N 5	N 4	6	1	·080	0 showers a. and p.
21	·726	·705	40·7	39·1	33·5	43·4	·204	·187	80	79	N 5	NNW 2	9	9	—	(sleet) a. and p.
22	29·757	·957	40·1	39·7	38·5	43·3	·214	·204	86	84	NNW 3	NNW 2	10	7	·030	
23	30·013	·808	40·7	42·3	36·4	51·8	·202	·248	80	92	WSW 1	W 1	9	10	·140	
24	29·954	·879	49·3	47·6	41·0	54·4	·249	·281	71	86	N 1	E 1	6	7	—	
25	·753	29·766	54·1	43·7	43·5	57·4	·239	·216	57	75	W 2	W 2	7	0	·010	p.
26	29·797	30·007	49·5	43·8	38·5	51·6	·219	·265	62	93	NW 3	NNW 1	6	10	·020	
27	30·090	·155	49·6	40·7	40·7	54·3	·257	·231	72	91	NE 1	E 1	7	3	—	
28	·216	30·172	49·6	46·4	40·7	56·3	·284	·268	80	86	SW 1	ESE 1	3	5	—	
29	30·052	29·945	56·6	51·7	46·4	60·8	·364	·327	79	85	WSW 1	WSW 1	9	10	—	
30	29·801	29·533	51·9	48·5	45·5	57·2	·370	·297	96	89	SSW 1	S 2	10	10	·020	
Means	30·015	30·002	43·9	40·5	37·8	47·9	·235	·222	81·0	86·3	2·3	2·1	8·2	6·9	0·760	

DOUGLAS, ISLE OF MAN.

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

APRIL 1881.

Day.	Barometer at 32° and M. S. L. 9 a.m.	9 p.m.	Air Temperature. 9 a.m.	9 p.m.	Min.	Max.	Tension of Vapour. 9 a.m.	9 p.m.	Relative Humidity. 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	29·969	29·956	38·0	37·9	34·0	48·8	·176	·178	77	78	E 4	E 4	2	3	—	
2	30·071	30·197	41·0	34·0	33·5	43·8	·197	·122	77	62	ENE 4	E 5	1	6	—	
3	·233	·192	36·0	37·0	31·3	41·2	·135	·149	63	68	ESE 5	E 5	1	0	—	
4	30·163	30·073	41·5	38·8	32·2	44·5	·177	·183	68	78	E 3	E 5	0	7	—	
5	29·982	29·927	37·0	37·6	33·0	44·0	·165	·186	75	82	E 4	E 4	3	0	—	
6	29·938	30·013	40·4	39·9	29·6	47·5	·209	·205	83	83	NE 3	ENE 5	3	2	—	
7	30·150	·185	39·0	37·8	36·3	45·0	·194	·180	82	79	E 5	ESE 4	8	3	—	
8	·176	·136	38·7	42·5	35·5	48·4	·179	·211	77	78	E 4	E 6	2	8	—	
9	·128	30·054	39·8	43·0	36·5	47·4	·213	·228	88	82	ESE 5	ESE 4	10	0	—	9 (mist) p.
10	30·006	29·829	42·0	44·5	38·2	49·0	·214	·238	81	81	E 4	E 5	3	4	·025	9 (mist) 9a. and p.
11	29·767	·686	43·7	45·0	40·5	49·0	·265	·299	92	100	ENE 4	SE 3	10	10	·310	p. 2 5p.
12	·709	·789	45·5	50·0	43·9	52·0	·305	·282	100	79	S 2	ESE 4	10	10	·025	6a.—9a. Noon
13	·844	·872	47·7	48·5	45·2	54·8	·297	·285	90	83	E 4	Calm 0	8	9	—	9 (mist) 9a.
14	·829	·832	50·2	45·7	45·1	53·3	·278	·303	77	99	ENE 3	Calm 0	8	10	·325	p. 2 n.
15	29·900	29·953	49·5	45·2	42·2	51·0	·328	·292	93	97	ESE 1	ENE 1	6	10	·050	2 10a. 9p.
16	30·013	30·032	45·6	43·4	42·6	52·0	·288	·249	94	88	ENE 2	NE 3	9	3	—	9a. and before.
17	·084	·089	50·0	46·6	43·0	57·0	·284	·235	79	74	E 4	NE 5	7	2	—	
18	·155	·160	47·7	42·5	42·5	50·0	·221	·188	67	70	NE 5	NE 5	0	0	—	Squally 9a.
19	·201	30·142	38·5	38·6	36·3	42·7	·153	·162	65	70	NE 6	ENE 3	8	10	—	Squally a. 10a.
20	30·018	29·902	39·5	32·3	32·0	45·3	·148	·154	61	85	NNW 4	NNW 2	10	3	·010	showers p.
21	29·853	29·761	41·8	41·4	28·0	46·0	·175	·185	67	71	NW 3	W 2	8	10	·010	6a.
22	29·836	30·020	48·5	42·9	38·6	49·8	·203	·232	59	85	ENE 3	NW 5	3	1	—	
23	30·031	29·917	46·2	44·8	37·6	48·3	·227	·264	73	89	W 4	NW 5	10	6	·115	
24	30·024	·860	48·7	48·0	43·3	50·8	·272	·276	80	83	W 3	WSW 5	10	10	·030	2 2 4.30p.
25	29·840	29·858	49·8	45·0	43·0	54·0	·253	·233	71	78	W 5	W 5	7	4	·135	Squally a. and p. 9.30a. and 11.30a.
26	29·896	30·107	46·5	43·7	40·0	52·0	·244	·240	78	84	NW 6	WNW 3	4	10	—	2 2 1a. Squally till 6p.
27	30·109	·166	48·5	45·0	42·7	54·3	·272	·251	80	84	NW 1	WNW 2	10	10	—	
28	·225	30·174	50·7	48·4	44·0	54·3	·249	·336	67	98	SW 3	W 2	8	10	·025	
29	30·040	29·915	50·2	46·7	45·8	54·2	·343	·310	95	97	SW 3	SSW 3	10	10	·140	9 p.
30	29·705	29·486	47·0	45·0	43·6	47·7	·323	·280	100	94	SSE 2	SW 4	10	10	·485	2 all day. 2 3p.—6p.
Means	29·997	29·976	44·3	42·7	38·7	49·3	·233	·231	78·6	82·6	3·6	3·6	6·3	6·0	1·685	

WAKEFIELD.

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

APRIL 1881.

1	29·984	29·961	36·9	36·3	31·0	46·9	·175	·185	80	87	E 2	NE 2	8	5	—	Fine after 11a.
2	30·051	30·222	37·9	33·1	32·0	39·8	·174	·112	76	60	E 4	ENE 2	10	10	—	Gloomy all day.
3	·238	·212	33·9	35·1	30·3	41·6	·124	·165	63	79	ENE 4	NE 2	6	0	—	Fine.
4	30·175	30·116	36·3	36·1	25·2	41·9	·174	·152	82	72	E 2	NE 2	10	10	—	Dull.
5	29·991	29·968	35·1	33·1	32·6	43·2	·179	·182	87	95	E 3	NE 3	10	8	—	
6	29·972	30·078	36·1	34·1	29·2	46·4	·156	·165	73	83	NE 3	N 3	7	6	—	Fine and bright.
7	30·188	·224	38·9	36·2	32·9	45·9	·179	·154	77	73	ENE 3	NE 4	10	8	—	Fine after 10a.
8	·211	·245	40·2	37·7	35·0	52·0	·184	·196	74	87	ENE 2	SE 3	0	6	—	Fine and bright.
9	·161	30·171	43·0	38·1	32·4	50·9	·215	·208	78	90	ESE 3	NE 3	5	7	—	Fine and bright.
10	30·109	29·978	38·7	38·1	31·0	55·0	·221	·208	94	90	NE 2	E 2	10	0	—	
11	29·888	·749	40·1	50·4	35·3	57·2	·230	·358	93	98	N 1	S 1	10	5	·350	
12	·804	·865	54·2	54·6	46·3	58·4	·339	·381	80	89	SSE 1	SE 1	10	5	·010	
13	·945	·958	55·5	50·0	44·5	64·4	·362	·319	82	89	SE 2	ESE 2	6	2	·030	Fine and bright.
14	·871	·856	49·2	46·2	43·7	54·2	·315	·289	91	93	NE 2	N 2	7	10	·300	
15	29·873	29·966	44·2	45·4	43·1	47·9	·286	·279	98	93	NW 1	NW 1	10	10	·320	
16	30·042	30·065	42·4	47·2	42·1	49·9	·263	·301	97	95	WNW 1	NE 1	10	10	·020	Dull and gloomy.
17	·129	·151	43·6	44·2	41·8	60·6	·266	·259	93	89	NE 1	NE 2	10	0	—	Fine after 11a.
18	·183	·143	44·3	41·9	37·8	49·3	·240	·222	82	85	N 4	NE 3	6	8	—	Fine and bright.
19	30·132	30·132	38·3	36·1	35·0	45·9	·168	·173	73	81	NE 4	NW 4	10	10	·020	Dull and cold.
20	29·952	29·832	37·9	34·4	32·2	42·0	·171	·152	75	76	N 4	WNW 3	10	2	—	
21	·782	29·744	41·1	39·1	32·0	44·8	·164	·170	64	72	N 3	NW 3	10	10	—	Dull day.
22	29·790	30·017	43·4	39·3	37·5	46·7	·212	·196	75	82	N 3	NNW 3	8	2	—	
23	30·029	29·859	43·9	43·2	30·0	47·9	·222	·232	77	83	W 4	W 4	10	5	·050	Dull and cold all day.
24	29·987	·908	49·0	50·2	33·2	56·9	·254	·279	73	78	W 3	SSW 3	6	10	·010	
25	·796	29·843	50·4	44·0	41·8	56·0	·244	·239	66	83	W 5	WNW 7	6	2	·060	Fine and bright; rough and wild after 8p.
26	29·840	30·060	46·7	44·7	41·1	53·8	·237	·236	75	80	W 5	W 6	5	3	·010	Fine and bright.
27	30·123	·165	48·3	45·8	40·1	50·0	·257	·267	76	87	WNW 2	N 2	7	10	·020	
28	·234	30·174	51·0	51·7	53·0	60·4	·255	·284	68	75	WSW 1	W 2	3	10	—	Fine and bright.
29	30·076	29·985	56·2	51·2	46·9	57·6	·378	·330	84	88	W 2	WSW 2	10	10	—	Dull.
30	29·787	29·517	52·2	48·8	47·7	52·2	·358	·308	92	90	S 2	SSE 2	10	10	·070	
Means	30·011	30·005	43·6	42·2	36·9	50·7	·233	·233	79·9	84·0	2·6	2·7	8·0	6·5	1·270	

LLANDUDNO.

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

APRIL 1881.

Day.	Barometer at 32° and M.S.L. 9 a.m.	9 p.m.	Air Temperature. 9 a.m.	9 p.m.	Min.	Max.	Tension of Vapour. 9 a.m.	9 p.m.	Relative Humidity. 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	29·912	29·908	38·4	40·0	31·3	45·4	·170	·188	73	76	E	2	E	5	0	0	—	∞ *a.* and *p.* but very fine. Cold wind.
2	30·014	30·162	39·0	33·9	33·3	41·3	·174	·140	74	72	E	7	E	7	10	10	—	Squally. ∞. Dull and cold.
3	·196	·182	36·4	35·6	31·2	41·8	·135	·136	63	64	E	7	E	7	2	0	—	Squally *a.* ∞ *p.* Cold wind.
4	30·135	30·049	37·9	36·8	27·8	43·0	·158	·146	69	67	E	5	E	7	0	4	—	Bright *a.*, dull *p.* Cold wind.
5	29·950	29·909	37·5	37·2	31·7	43·0	·149	·163	66	74	ESE	5	E	5	4	0	—	∞ *p.* Very fine, wind very cold.
6	29·904	29·979	37·4	39·0	29·5	45·4	·154	·168	70	71	E	4	E	5	0	0	—	∞ *p.* Very fine.
7	30·114	30·160	39·6	38·0	30·3	47·4	·173	·167	71	72	E	4	E	4	4	0	—	∞. Very fine.
8	·139	·110	40·4	43·0	30·6	49·0	·169	·168	67	60	E	2	E	2	0	0	—	∞ *p.* Very fine.
9	30·108	30·047	43·8	45·3	34·3	54·3	·206	·212	71	71	E	2	E	1	2	0	—	∞ *p.* Very fine, and milder.
10	29·988	29·789	49·5	50·5	38·0	59·3	·219	·240	62	66	SE	0·6	SE	1	0	10	—	≋⁰ (mist) *a.* Very fine and warm.
11	·725	·707	47·0	48·4	44·5	60·0	·271	·297	85	88	SE	1	S	1	10	10	·430	Dull day.
12	·734	·829	52·7	54·0	46·3	57·2	·346	·298	87	71	S	0·6	SW	1	10	10	—	Dull day.
13	·844	·877	53·9	51·0	49·8	66·0	·330	·301	79	81	S	0·6	WNW	1	9	10	·030	Dull *a.* Very fine *p.*
14	·798	·840	48·0	47·0	45·0	60·0	·295	·303	89	94	E	0·6	SE	0·6	10	10	·160	≋≋ *9a.* and *p.* Cuckoo seen and heard.
15	29·908	29·982	48·9	43·0	36·7	54·4	·298	·277	87	100	SE	0·6	N	1	10	10	—	≋≋⁰ (mist) *a.* ≋≋² (sea fog) *p.*
16	30·004	30·006	45·5	46·0	40·0	49·2	·284	·269	94	87	N	0·6	N	1	10	10	—	≋≋ *a.* ∞ *p.*
17	·070	·038	51·5	52·4	44·2	54·4	·293	·292	77	74	SE	1	E	2	0	0	—	Very fine with ∞.
18	·114	·150	47·0	41·9	41·0	52·4	·230	·189	72	73	E	2	E	7	0	9	—	Very fine with ∞ and ⸝.
19	·155	30·128	38·3	40·0	37·1	47·8	·160	·156	70	63	E	7	E	7	10	10	—	Squally *a.* and *p.* Wind very cold.
20	30·023	29·877	42·4	39·0	37·5	43·3	·177	·199	66	84	NE	2	NE	2	0	10	—	⚹⁰ *9a.*
21	29·858	29·741	39·7	41·4	35·0	45·4	·174	·193	70	75	NE	1	W	1	10	10	—	▲ ⚹ showers *a.*
22	29·825	30·022	48·5	43·0	41·0	50·6	·260	·197	76	71	NW	0·6	NE	1	2	0	—	Very fine.
23	30·110	29·961	46·8	45·0	40·9	50·0	·267	·262	84	88	WSW	1	W	1	10	10	·057	
24	30·050	·908	51·9	51·5	43·0	54·2	·288	·275	75	73	W	1	W	4	5	10	·020	
25	29·885	29·921	51·4	46·0	45·5	56·0	·269	·243	71	79	WNW	2	W	1	2	0	—	
26	29·960	30·152	50·0	46·0	43·8	53·4	·257	·243	72	79	WNW	1	W	1	8	0	—	Very fine.
27	30·136	·182	48·8	45·0	43·7	50·6	·273	·238	79	79	WNW	1	WNW	1	10	2	—	Very fine.
28	·241	30·186	51·8	50·6	41·7	54·4	·274	·348	72	95	WNW	1	W	1	9	10	·100	
29	30·075	29·955	53·8	50·0	49·1	58·3	·348	·290	83	81	W	1	W	1	10	9	·118	
30	29·709	29·514	51·5	48·0	47·0	54·0	·367	·286	97	86	SW	1	W	2	10	9	·027	
Means	29·989	29·976	45·6	44·3	39·0	51·4	·239	·229	75·7	77·1		2·2		2·7	5·6	5·8	0·942	

BUXTON.

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

APRIL 1881.

1	29·884	29·978	35·1	32·3	29·6	44·2	·155	·165	75	91	E	3	E	4	6	3	—	⸝
2	30·041	30·164	33·2	30·4	27·0	37·0	·172	·158	91	94	E	6	ENE	6	10	7	—	⸝. Coltsfoot in flower.
3	·223	·231	31·9	27·2	27·0	38·3	·159	·142	88	96	ESE	6	E	4	5	2	—	⸝
4	·211	30·116	31·7	31·1	25·5	37·7	·140	·115	78	66	SE	4	E	5	8	8	—	⸝
5	30·001	29·965	31·9	31·9	28·0	41·6	·152	·139	84	76	SE	5	SE	2	7	5	—	
6	29·973	30·096	34·9	30·4	26·6	44·1	·152	·134	75	79	SE	2	SE	3	5	4	—	
7	30·196	·258	33·9	31·4	29·0	43·6	·176	·143	90	81	SE	5	SE	5	10	9	—	
8	·209	·193	40·1	35·6	30·0	50·1	·204	·196	82	95	SE	2	E	3	0	7	—	
9	·200	30·188	37·3	35·1	32·3	49·3	·207	·182	93	89	SE	3	SE	1	6	0	—	
10	30·120	29·995	36·9	37·9	30·0	52·2	·196	·210	90	92	SE	1	SE	3	8	1	—	
11	29·895	·821	42·9	47·0	33·2	53·7	·243	·288	88	90	SE	2	W	2	10	8	·150	
12	·856	·927	48·4	49·9	43·3	55·7	·302	·308	89	86	SW	3	SW	1	10	10	·070	
13	·953	·959	51·6	47·6	44·9	59·2	·338	·312	88	95	SW	2	E	2	9	8	—	
14	·848	·883	48·4	47·4	43·9	53·5	·279	·315	82	96	SE	2	SE	2	8	10	·720	Hawthorn in bud.
15	29·913	29·996	45·4	44·4	41·9	48·9	·292	·274	96	94	NW	2	NW	1	10	10	·020	
16	30·028	30·079	48·4	44·2	40·9	55·2	·290	·276	86	95	NW	1	NE	1	7	10	·045	
17	·115	·170	49·3	38·7	38·0	57·2	·298	·218	85	93	E	3	NE	2	6	0	—	Fine and warm.
18	·158	·160	45·4	36·9	35·3	48·7	·214	·180	74	82	SE	2	E	5	4	2	—	
19	30·180	30·147	34·1	32·4	31·3	38·2	·155	·174	78	96	ENE	2	NE	2	10	5	—	
20	29·990	29·818	36·3	27·3	27·3	42·6	·149	·149	70	100	NE	2	SW	2	10	0	—	⚹ *p.*
21	·853	29·829	36·1	32·1	26·0	42·3	·157	·132	74	72	NNW	2	NW	1	8	2	—	
22	29·856	30·047	41·0	36·5	30·8	46·1	·230	·177	90	82	NE	2	NE	2	8	2	—	∞ *p.*
23	30·094	29·931	40·6	44·7	28·0	45·9	·214	·277	85	93	NW	3	SW	2	8	7	·300	▲ *p.*
24	30·047	·990	46·1	45·4	35·6	55·2	·250	·257	81	86	NW	2	W	4	7	10	·130	
25	29·889	29·903	46·9	41·4	40·8	52·6	·252	·233	79	90	NW	5	W	4	7	1	·120	● ▲ ⚹ *p.*
26	29·939	30·136	41·3	39·5	36·8	50·4	·225	·210	88	87	NW	2	SW	4	7	0	—	● ▲ ⚹ before *9a.*
27	30·169	·224	47·1	40·1	37·8	50·9	·254	·223	79	90	NW	1	NW	1	10	3	—	
28	·278	·250	50·6	47·7	31·3	57·9	·247	·261	67	79	NW	2	NW	1	4	7	—	
29	30·145	30·037	52·3	46·6	44·9	55·9	·329	·301	83	95	NW	2	NW	3	10	10	·200	
30	29·843	29·598	48·0	43·3	42·6	52·7	·309	·256	93	92	SW	2	SW	2	10	10	·175	
Means	30·037	30·036	41·6	38·5	34·0	48·6	·225	·214	83·4	88·4		2·7		2·7	7·6	5·4	1·930	

HILLINGTON, NORFOLK.

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

APRIL 1881.

Day.	Barometer at 32° and M. S. L. 9 a.m.	9 p.m.	Air Temperature. 9 a.m.	9 p.m.	Min.	Max.	Tension of Vapour. 9 a.m.	9 p.m.	Relative Humidity. 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	29·909	29·843	44·6	36·3	30·9	50·6	·214	·198	72	93	ESE	5	NE	5	1	0	·002	⊔² *a.* Very fine day, with cold wind.
2	29·937	30·077	40·2	34·9	34·3	45·3	·184	·140	74	69	E	6	NE	6	5	10	—	⸝ *a.* and *p.* ⚹⁰ ●⁰ (sleet) 4.15*p.* [⸝ (gale) *n.*
3	30·141	·153	36·0	30·2	30·0	42·2	·139	·110	65	66	NE	6	E	2	5	0	—	Sunny, but with bitter wind.
4	30·128	30·046	38·9	34·1	27·9	44·2	·175	·145	75	73	ENE	4	ENE	3	8	4	—	
5	29·921	29·858	43·0	33·4	32·3	46·6	·174	·162	63	85	NE	5	E	3	3	1	—	Fine and sunny. Much cir. *p.*
6	29·879	29·968	43·6	33·5	31·3	47·5	·187	·157	65	82	E	5	E	2	2	0	·001	⊔ *a.* Fine and sunny day.
7	30·071	30·138	39·9	35·9	32·8	46·6	·189	·154	77	73	E	5	E	3	10	10	—	
8	·226	·134	48·9	35·0	30·8	52·0	·212	·184	62	90	SE	5	E	2	0	0	—	⊔ *a.* Fine day. ⊐⁰ *9p.*
9	·144	30·117	47·2	33·1	31·1	52·4	·244	·180	76	96	SE	2	E	1	5	1	·002	⊔ *a.* Fine day. ⊐² *9p.*
10	30·077	29·951	48·5	38·9	31·0	55·1	·243	·207	71	88	SE	1	SE	3	10	1	—	⊔ early *a.*
11	29·862	·816	56·4	50·6	36·2	65·2	·353	·366	78	99	SE	2	SSW	1	8	10	·112	
12	·872	·919	51·1	51·2	46·9	54·9	·355	·366	94	98	SW	0·5	S	0·5	10	10	·200	
13	·960	·918	53·5	47·0	44·4	60·6	·352	·321	86	99	S	1	E	4	10	10	—	
14	·859	·856	52·4	49·1	45·4	61·5	·318	·333	81	96	SE	2	SE	0·5	8	8	·351	Much cir. 10*a.* ⊐ *9p.*
15	29·861	29·935	49·3	48·0	46·8	52·6	·352	·328	100	98	SW	0·5	SSE	1	10	10	·120	≋⁰ (mist) *9a.* and *p.* Wind backed.
16	30·016	30·018	52·3	44·8	42·3	58·6	·334	·283	85	96	SSW	1	NE	0·5	10	1	·005	⊐² *9p.*
17	·076	·051	45·9	43·4	37·1	62·2	·284	·241	93	86	NE	1	NE	3	8	0	—	⊐² *9a.* Fine and sunny.
18	·075	30·001	50·1	38·8	38·4	51·4	·272	·200	75	85	NE	4	NE	5	3	10	—	Very fine and sunny.
19	30·036	29·994	38·9	36·5	36·2	41·7	·160	·166	69	77	NE	4	NNE	4	10	3	·030	⚹ ● (sleet) 0.30*p.* and 4.30*p.*
20	29·870	·770	39·9	34·3	32·2	45·4	·193	·168	79	84	NNE	4	N	3	9	4	·036	⚹ *7a.* ⚹ ● (sleet) ▲ 1*p.* and 3*p.*
21	·726	·732	37·5	38·9	31·8	44·3	·204	·196	92	84	N	3	N	0·5	10	6	·002	⚹ before *9a.* [⚹ *8p.* and *9p.*
22	29·743	·950	42·4	37·9	35·1	45·4	·220	·204	82	90	NW	1	N	0·5	10	2	·037	⚹ ● (sleet) *9.30a.*,
23	30·053	·837	43·5	42·8	34·2	50·5	·208	·268	74	98	NW	1	W	1	7	10	·118	⊐ *9p.* [2.30*p.*, and 3.30*p.*
24	29·978	·959	48·8	48·9	39·8	55·7	·271	·272	78	79	NNE	2	WSW	0·5	6	10	·003	
25	·837	29·851	52·3	46·4	45·2	58·9	·329	·253	83	81	W	2	W	3	10	10	·048	
26	29·865	30·022	47·7	44·1	39·8	53·8	·263	·259	80	89	W	3	N	2	6	5	·040	T 10.30*a.* ▲ 11*a.*
27	30·176	·143	49·1	42·7	34·9	56·4	·270	·250	78	91	NW	1	N	0·5	6	3	—	Fine.
28	·234	30·196	53·0	48·4	34·1	59·4	·251	·274	63	81	E	1	SW	1	2	6	·018	Fine and sunny.
29	30·086	29·989	54·4	51·1	44·0	61·9	·385	·323	92	86	SW	2	SW	1	10	10	·017	
30	29·850	29·573	53·4	50·9	48·1	62·6	·356	·339	87	91	SW	2	SW	4	9	10	·077	
Means	29·982	29·961	46·8	41·4	36·8	52·9	·256	·235	78·3	86·8		2·7		2·2	7·0	5·5	1·219	

UPPINGHAM.

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

APRIL 1881.

1	29·909	29·855	40·4	35·1	28·6	49·1	·199	·197	80	96	NEb.E4		NE	4	4	10	—	⊔ *7a.* [⸝.
2	29·930	30·083	40·0	32·9	32·6	44·6	·189	·146	76	78	ENE	6	NEb.E4		3	10	—	⚹ ● (sleet) showers from 2*p.* Cold
3	30·134	·148	35·2	28·2	28·0	41·6	·131	·124	64	81	NEb.E5		ENE	3	6	0	—	Bitter ⸝ all day. Bright *p.*
4	30·101	30·051	38·6	31·8	24·5	44·3	·182	·148	78	81	E by N 4		ENE	3	3	3	—	
5	29·911	29·851	40·0	32·0	29·8	46·2	·186	·162	75	89	NE	3	NE	3	3	0	—	
6	29·862	29·978	41·2	32·0	28·6	47·6	·193	·160	75	88	NE	4	E	2	5	5	—	Cloudless noon—*7p.*
7	30·105	30·153	40·7	34·7	29·4	47·5	·200	·164	79	81	E	4	E by N 3		9	10	—	
8	·146	·151	43·9	34·7	28·9	56·6	·242	·188	84	93	NE	3	NE	2	0	0	—	Fine and warm.
9	·127	30·132	44·6	36·6	29·7	56·9	·230	·190	78	89	NE	1	NEb.E1		7	0	—	⊔ *7a.* Bright *p.* ∞⁰ *9p.*
10	30·078	29·937	40·0	41·7	30·9	57·7	·232	·215	94	82	SEb.E 1		SE	1	10	8	—	≋⁰ *7.30a.*—*9a.* Warm sunny day.
11	29·831	·822	51·3	49·0	35·1	61·5	·313	·312	82	90	SE	1	SW	3	9	9	·080	Much cir.-s. *9p.*
12	·860	·914	48·2	50·2	44·6	57·1	·332	·340	99	94	Calm	0	SSW	2	10	2	·098	∞ *7p.* [Mackerel sky *9p.*
13	·924	·921	50·9	47·8	42·6	62·3	·340	·320	91	96	SE	1	SE	2	9	8	·061	≋ *7a.* Day warm and sunny.
14	·821	·845	51·2	50·8	43·7	59·4	·340	·371	91	100	ESE	1	Calm	0	9	10	·502	≋ *9p.*
15	29·879	29·948	48·5	48·7	46·8	58·3	·336	·334	99	97	NW	2	Calm	0	10	4	—	∞⁰ *9p.*
16	30·011	30·024	45·0	45·4	42·7	55·6	·297	·288	99	96	E	1	E	1	10	2	—	≋² *a.* Dull all day.
17	·084	·049	42·7	43·1	37·4	62·4	·274	·272	100	97	NE	2	ESE	2	10	0	—	≋⁰ (mist) *9a.* Mare's tails in SW. 1*p.*
18	·074	·064	50·1	38·5	37·3	53·0	·297	·213	82	92	NE	3	NNE	4	3	10	—	Much cir. 1*p.*
19	30·063	30·047	36·6	34·9	34·7	39·8	·194	·177	90	88	NEb.N4		NEb.N4		10	10	—	Dull all day. Bitter wind.
20	29·922	29·832	37·9	31·7	31·4	41·2	·205	·165	90	92	NNE	4	NbyW 3		10	0	·042	⚹⁰ showers all day.
21	·777	·787	39·6	36·4	28·6	44·9	·217	·200	89	93	NNW	3	Calm	0	9	10	—	
22	29·759	·972	41·6	37·6	31·3	41·6	·233	·208	90	92	NNW	2	N by E 2		10	4	·011	
23	30·070	29·898	42·4	40·4	33·1	50·4	·237	·239	88	95	WbyN 2		NW	2	10	2	·091	
24	29·991	30·004	47·7	45·0	39·9	55·2	·289	·275	88	92	NW	1	swb.w 1		9	5	—	Warm cloudy da .
25	·850	29·887	50·5	44·2	43·8	57·2	·354	·268	95	93	WbyN 2		WbyN 3		10	6	·021	
26	29·881	30·073	45·9	42·1	33·4	53·8	·280	·204	92	76	WNW 2		WNW 3		6	0	·039	
27	30·139	·140	45·2	44·0	37·9	54·0	·271	·252	90	87	WbyN 1		NWb W 1		10	10	—	
28	·242	·206	51·5	51·0	37·0	61·7	·283	·299	74	80	Calm	0	swbyw1		4	9	—	Cloudless noon—*6p.*
29	30·102	30·021	55·7	50·0	46·4	59·0	·361	·312	81	87	W by S 2		SSW	2	10	10	·010	
30	29·836	29·593	53·2	46·1	46·1	60·0	·304	·279	75	90	SWb.S4		SW	3	9	9	·011	
Means	29·981	29·979	44·7	40·5	35·5	52·7	·258	·234	85·6	89·5		2·4		2·2	7·6	5·5	0·966	

CHURCHSTOKE.

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

APRIL 1881.

Day.	Barometer at 32° and M. S. L. 9 a.m.	9 p.m.	Air Temperature. 9 a.m.	9 p.m.	Min.	Max.	Tension of Vapour. 9 a.m.	9 p.m.	Relative Humidity. 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	29·918	29·901	34·0	35·3	28·0	50·0	·156	·168	79	81	NE 4	NE 5	8	6	—	
2	29·974	30·124	37·5	31·3	30·7	43·9	·158	·143	71	81	NE 4	ENE 8	8	10	—	
3	30·107	·164	34·9	29·9	29·0	41·9	·165	·139	80	84	NE 8	E 2	8	0	—	✓. Bitterly cold.
4	30·114	30·052	36·9	34·1	24·4	43·6	·164	·136	75	70	NE 2	ENE 4	4	10	—	✓ a. Bright but cold
5	29·925	29·915	37·8	31·9	29·5	47·2	·148	·133	65	73	NE 2	NE 2	6	2	—	✓
6	29·910	30·023	34·3	33·9	27·7	48·5	·148	·156	75	79	NE 2	NE 2	8	2	—	Bright with ∞
7	30·114	·188	38·8	32·9	28·8	46·7	·170	·146	73	78	ESE 2	ESE 1	2	3	—	
8	·155	·139	39·9	37·8	26·3	53·3	·172	·183	69	81	E 2	ESE 1	0	0	—	
9	·125	30·093	40·6	42·8	31·1	54·2	·196	·205	78	75	NE 1	SE 1	9	9	—	Dull a. Bright p.
10	30·044	29·838	42·6	51·7	33·6	56·6	·199	·262	73	69	E 2	SE 2	10	10	·030	
11	29·772	·787	44·9	48·7	43·1	55·9	·298	·275	100	80	SE 1	SW 4	10	10	·289	≋ a.
12	·792	·871	50·5	51·9	45·4	58·5	·344	·316	94	82	SSW 1	SW 2	10	10	—	Dull and mild.
13	·876	·881	54·3	53·8	46·6	64·4	·328	·281	78	68	SE 1	SE 2	8	10	·220	Bright and hot.
14	·824	·871	47·4	43·3	42·4	54·1	·309	·271	95	97	ESE 1	W 1	10	5	—	☂ a. ☂² p.
15	29·916	29·988	48·0	47·9	39·1	57·1	·286	·304	86	92	WSW 1	WSW 1	10	10	—	☂ a.
16	30·020	30·034	44·6	49·1	42·0	59·6	·273	·305	93	88	NE 1	NE 1	10	8	—	≋⁰ (mist) a.
17	·077	·038	48·7	50·3	40·1	58·5	·275	·289	80	80	NE 1	NE 2	5	1	—	☂ a. Bright. Cold wind.
18	·090	·108	49·1	38·8	36·8	55·9	·196	·187	57	80	E 2	NE 3	2	10	—	Bright. Cold wind.
19	·130	30·121	36·4	35·4	34·6	40·4	·151	·149	71	72	NE 2	NE 2	10	10	—	Dull and very cold.
20	30·002	29·900	37·1	34·3	32·4	41·8	·165	·151	74	76	NE 2	NE 1	8	5	—	
21	29·874	29·818	33·9	37·3	26·5	50·0	·162	·176	83	79	NW 1	NW 1	8	10	—	✳ n. and a.
22	29·819	30·043	43·1	34·3	33·2	48·9	·213	·160	76	81	NW 1	WNW 1	9	10	—	
23	30·103	·003	46·9	42·7	25·7	51·0	·218	·227	69	83	WNW 2	W 2	5	6	·030	⌊ a.
24	30·071	30·034	48·1	47·9	41·6	57·3	·240	·263	72	79	NW 1	NW 4	9	10	·120	Cold ✓.
25	29·917	29·959	49·2	44·2	43·4	56·2	·306	·230	89	79	WNW 2	NW 2	10	5	·176	
26	29·970	30·159	44·7	41·7	39·5	53·5	·338	·214	81	82	WSW 2	NW 1	10	3	—	
27	30·177	·186	45·7	45·6	39·1	51·1	·231	·247	77	81	WSW 2	Calm 0	10	10	·016	
28	·268	30·235	49·8	51·1	38·1	60·5	·243	·316	69	84	SW 1	Calm 0	5	10	—	Bright and hot.
29	30·125	29·998	53·4	49·3	48·6	55·8	·316	·311	77	89	SW 3	Calm 0	10	8	—	
30	29·796	29·626	50·3	44·3	43·8	54·5	·313	·244	86	84	WSW 2	W 4	10	3	·080	
Means	30·000	30·003	43·4	41·8	35·7	52·4	·226	·220	78·2	80·2	2·0	2·1	7·7	6·9	0·961	

GELDESTON.

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

APRIL 1881.

Day.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	Remarks.
1	29·898	29·802	42·5	39·4	35·2	46·1	·200	·218	74	91	E 4	ENE 4	1	0	—	Brilliant day. ✓. ☂⁰ 9p.
2	29·885	30·038	41·3	37·1	36·7	43·8	·181	·150	70	68	ENE 6	NE 6	3	10	—	✓, reaching force 8.
3	30·111	·113	36·9	33·1	33·0	39·4	·135	·124	61	65	ENE 6	ENE 5	9	0	—	✓. Very gusty 6a.
4	30·107	30·031	39·3	36·9	32·9	42·9	·149	·166	62	76	E 5	ENE 5	0	1	—	✓ [both sides of sun), 9a. ☂⁰ 10p.
5	29·897	29·828	40·0	37·7	35·0	43·4	·153	·190	62	83	E 6	NE 4	8	4	—	✓. Brilliant ○² with Parhelia (on
6	29·850	29·955	41·9	35·7	35·2	44·4	·172	·149	65	71	E 5	ENE 4	3	0	—	Brilliant day.
7	30·095	30·127	39·9	37·1	35·1	43·9	·189	·166	76	75	ENE 5	ENE 3	10	9	—	✓. ○⁰ 2.20p. Very beautiful cir. p
8	·136	·116	44·8	41·0	33·1	46·4	·201	·211	68	83	ENE 4	ENE 3	1	0	—	✓. ☂⁰ 10p.
9	·127	30·100	42·9	37·1	36·8	47·3	·209	·199	76	90	E 3	NE 1	10	2	—	☂⁰ p.
10	30·073	29·952	45·0	44·5	33·9	49·6	·231	·240	77	82	E 2	E 1	10	10	—	∞⁰ 9a. Fine p.
11	29·883	·860	52·9	49·3	40·3	59·6	·299	·344	74	98	ESE 1	SSE 1	3	10	·040	☂⁰.
12	·905	·952	51·0	48·0	44·7	53·5	·318	·330	85	99	SW 2	SSE 2	10	10	·130	
13	·983	·925	51·8	47·4	44·2	55·9	·326	·296	85	91	SE 2	E 2	10	9	—	○⁰ 9a. ☂ 9p.
14	·871	·878	53·3	48·0	46·0	57·7	·281	·312	69	94	SE 3	SE 2	7	10	·240	☂⁰ 9a. ○ p.
15	29·904	29·977	48·5	43·0	42·2	49·9	·328	·275	96	99	S 1	ESE 1	10	1	·010	● very early a. ≋⁰ 9a. ☂² 9p.
16	30·015	30·023	53·4	45·1	37·9	57·8	·304	·276	74	92	S 1	E 1	1	3	—	☂² early a. ☂ 9a. Mare's tails a.
17	·048	30·038	54·0	47·9	39·0	59·9	·306	·229	73	69	NNE 2	ENE 3	5	0	—	☂² before 9a. ☂⁰ 9p. [☂² 9p.
18	30·037	29·991	51·0	38·9	38·2	53·3	·249	·200	67	85	NE 4	NNE 5	5	10	—	☂⁰ ○⁰ 9a.
19	29·997	·973	39·0	38·1	37·0	41·4	·166	·172	71	74	NNE 5	NE 4	10	10	·020	Squally early a. Small ▲⁰ 9a. and p.
20	·839	·747	40·8	32·1	31·3	43·9	·182	·159	71	87	NNE 3	NNW 1	10	1	·050	▲ ✳⁰ after 5p. Squally.
21	·697	·731	35·3	38·1	28·9	43·8	·199	·200	97	87	NNE 1	NNW 1	10	10	·120	✳⁰ ▲ ●⁰
22	29·720	·908	43·9	38·1	35·9	46·0	·206	·191	72	83	NW 3	NNW 1	2	10	·070	▲ ●⁰ p.
23	30·037	29·882	43·8	43·8	35·9	49·5	·206	·246	72	86	NNW 2	SW 1	10	10	·080	Wind S., lower clouds from W. 6p.
24	29·950	30·006	46·1	45·1	40·9	54·3	·266	·252	86	84	NNW 3	S 2	10	9	—	☂⁰ 9p.
25	·853	29·861	53·2	45·1	44·8	58·8	·325	·213	80	71	WSW 4	WSW 1	10	10	·060	Roll-cum. N. to S. 3p. Gusty. ☂⁰ 9p.
26	29·862	30·031	47·9	40·0	38·1	53·1	·241	·217	73	88	WNW 4	W 1	8	0	·060	▲ ● T⁰ a. ☂² 9p.
27	30·126	·132	48·1	40·9	36·1	51·9	·264	·236	79	93	W 2	E 1	8	1	·020	☂☂ 9a. ▲⁰ ●⁰ p. Coloured ○ 6p.
28	·249	·246	48·1	44·9	29·9	53·8	·231	·249	68	85	E 1	S 1	1	10	—	[☂² 9p.
29	30·122	30·020	52·9	52·0	43·9	61·8	·320	·296	80	76	W 2	W 1	10	10	·060	☂² 9a.
30	29·909	29·618	55·0	50·1	48·7	60·7	·344	·308	80	85	SW 3	SSE 2	9	10	·130	Coloured ○⁰, 22½°, 6p.
Means	29·973	29·962	46·2	41·9	37·7	50·5	·239	·227	74·8	83·7	3·2	2·3	6·8	6·0	1·090	

CHELTENHAM.

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

APRIL 1881.

Day.	Barometer at 32° and M. S. L. 9 a.m.	9 p.m.	Air Temperature. 9 a.m.	9 p.m.	Min.	Max.	Tension of Vapour. 9 a.m.	9 p.m.	Relative Humidity. 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	29·840	29·802	41·5	37·1	31·2	53·5	·187	·185	73	84	NE 1	NE 1	3	2	—	Very fine and bright.
2	29·865	30·011	42·3	35·5	34·8	48·6	·191	·146	72	69	E 3	NE 6	3	4	—	Fine and bright. ✓² at night.
3	30·057	30·072	36·9	31·3	31·2	45·0	·125	·112	57	64	NE 6	NE 4	3	0	—	Squally a. and p.
4	30·029	29·958	40·8	36·1	28·0	49·0	·216	·152	85	72	E 5	NE 4	3	1	—	Ψ Ψ p.
5	29·840	·819	42·0	34·1	33·0	51·5	·165	·156	63	78	E 6	E 3	5	0	—	Very fine.
6	29·827	29·932	42·3	35·1	30·0	52·5	·178	·157	67	76	E 3	NE 1	4	1	—	
7	30·041	30·111	40·0	34·2	32·2	51·0	·166	·160	67	80	E 3	NE 2	7	1	—	
8	·102	·082	42·5	42·6	30·1	56·2	·194	·192	73	71	NE 2	E 1	2	4	—	Very fine, dry weather, soil parched
9	·065	30·047	42·6	43·9	34·4	55·8	·218	·224	80	77	NW 1	SE 1	7	0	—	up, seeds germinate with great
10	30·020	29·849	48·0	52·0	31·0	58·3	·223	·283	67	73	SE 1	SE 2	7	5	·020	difficulty, no progress in vegetation.
11	29·771	·840	50·1	49·8	45·0	59·2	·349	·315	96	88	SE 1	SW 1	9	10	·530	
12	·832	·873	52·7	53·2	47·0	58·3	·367	·345	92	85	S 2	SE 3	10	9	—	A very fine Ψ 9p.
13	·868	·845	57·0	53·8	47·4	64·1	·343	·308	73	74	SE 1	SE 2	8	6	·010	Beautifully fine.
14	·786	·844	51·2	50·6	45·2	59·6	·324	·329	86	90	SE 1	S 1	10	10	—	Beautifully fine.
15	·913	·945	47·8	49·5	40·0	60·0	·305	·204	92	82	SW 1	SW 1	10	0	—	≋ 9a. Very fine.
16	29·997	·973	48·0	51·4	33·0	59·2	·307	·291	92	78	SE 1	E 1	10	1	—	≋⁰ (mist) p. Very fine.
17	30·027	29·970	50·8	52·8	34·7	62·0	·289	·304	78	76	N 1	E 2	5	0	—	Beautifully fine.
18	·006	30·010	55·0	41·0	38·0	59·2	·249	·182	58	71	NE 2	NE 4	3	4	—	Beautifully fine.
19	30·046	30·033	38·9	39·0	37·0	41·0	·170	·186	72	79	NE 5	NE 5	10	10	—	Gloomy all day. Bitterly cold.
20	29·931	29·843	41·2	34·9	33·8	42·9	·181	·201	70	99	N 3	N 3	8	10	—	Extremely cold. ✳⁰ p.
21	·825	·782	40·5	37·0	20·6	45·3	·183	·179	72	81	NW 3	NW 1	6	8	—	
22	29·784	·977	42·8	40·8	26·0	49·1	·197	·195	71	77	NW 1	NE 1	8	10	—	
23	30·098	29·948	44·9	44·6	22·8	54·4	·202	·271	68	92	W 1	NW 1	5	2	·070	Bright till 7p., then ●. Cuckoo and [swallows seen.
24	30·046	30·025	49·8	48·6	41·6	58·4	·255	·293	71	86	NW 3	W 1	8	10	—	Fine and clear.
25	29·900	29·943	53·4	51·4	46·6	57·5	·351	·247	86	65	SW 2	NW 2	10	10	·010	
26	29·947	30·145	49·0	41·0	40·0	55·5	·252	·224	72	87	W 4	NW 1	7	3	·150	T ▲ ● a. Ψ 9p.
27	30·175	·154	47·8	47·0	36·0	55·0	·259	·289	78	90	W 2	NW 1	10	10	·010	T
28	·264	·231	51·8	53·4	35·3	61·0	·268	·306	70	75	W 1	W 2	8	9	—	≋⁰ (mist) 9a. Very fine. T.
29	30·151	30·037	53·8	51·2	47·3	56·3	·330	·328	79	87	W 2	SW 1	8	10	·020	Fine. T.
30	29·813	29·632	54·8	46·8	46·0	60·4	·319	·285	74	89	S 2	S 1	6	0	·050	
Means	29·962	29·958	46·7	43·7	36·0	54·7	·245	·235	75·1	79·8	2·3	2·0	6·8	5·0	0·870	

CARMARTHEN.

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

APRIL 1881.

Day.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	Remarks.
1	29·817	29·765	40·1	40·4	31·7	54·0	·168	·170	68	67	E 6	E 4	0	0	—	
2	29·864	29·993	43·6	36·6	31·6	50·0	·189	·145	66	67	E 4	NE 6	3	2	—	
3	30·025	30·009	38·3	34·7	28·3	46·5	·154	·107	67	53	E 7	E 8	0	0	—	
4	29·963	29·900	38·6	35·5	25·1	51·2	·133	·148	57	71	E 7	E 4	2	0	—	Squally p.
5	·800	·772	40·8	36·1	30·7	52·2	·151	·143	59	67	E 5	E 7	1	0	—	
6	29·800	29·869	38·9	40·1	29·8	53·0	·150	·156	64	63	E 7	E 5	1	0	—	
7	30·011	30·058	39·7	41·5	31·9	53·4	·186	·161	76	62	E 4	E 5	4	8	—	
8	·082	·039	42·1	43·0	31·6	57·7	·170	·181	64	65	E 4	E 4	0	0	—	
9	30·049	30·021	43·9	48·2	36·8	58·8	·235	·264	82	79	E 2	S 1	10	10	—	
10	29·950	29·739	49·3	52·4	45·9	58·8	·245	·289	70	74	SE 4	SE 4	10	10	·050	
11	·676	·809	51·6	47·8	47·5	53·0	·313	·330	82	99	SE 5	SW 1	10	10	·650	
12	·789	·799	52·4	52·1	46·8	59·2	·351	·327	89	83	S 2	S 2	10	8	—	
13	·793	·833	54·4	50·1	49·9	61·4	·322	·346	76	96	SE 2	Calm 0	9	10	1·150	
14	·793	·874	50·7	46·5	46·0	58·7	·330	·309	89	98	Calm 0	Calm 0	10	10	—	≋ 9p.
15	·923	·954	47·8	46·4	45·0	56·2	·302	·283	91	90	SW 1	Calm 0	10	0	—	
16	·977	·978	53·1	45·1	38·9	63·0	·307	·274	76	91	E 1	Calm 0	2	0	—	
17	·985	·946	54·9	55·1	43·0	63·1	·301	·309	70	72	E 1	E 4	3	8	—	
18	29·953	29·995	54·9	42·9	42·4	61·4	·238	·195	55	71	E 6	E 6	4	0	—	
19	30·052	30·055	40·1	38·3	37·8	44·8	·166	·154	67	67	E 7	E 5	10	10	—	
20	29·982	29·881	39·4	35·6	35·1	46·7	·147	·144	61	68	N 3	E 2	7	0	·050	
21	·859	29·832	44·8	40·5	31·3	48·4	·174	·185	59	73	N 2	Calm 0	3	10	·060	✳ 5a. and 8a.
22	29·809	30·036	48·5	39·1	37·2	54·0	·235	·194	69	82	NE 1	Calm 0	8	0	—	
23	30·106	·022	52·4	44·5	29·3	54·7	·250	·255	64	87	SW 2	NW 1	3	0	·060	
24	30·105	30·038	49·1	47·0	43·3	54·7	·274	·298	79	93	N 1	W 2	8	10	·020	
25	29·935	29·991	53·9	46·0	45·5	56·9	·343	·235	82	77	NW 3	W 3	10	0	·020	
26	30·009	30·203	51·3	42·9	42·8	55·4	·256	·224	68	81	NW 2	Calm 0	6	5	·080	
27	·181	·205	47·2	42·6	41·2	52·6	·284	·251	89	92	SW 1	Calm 0	10	2	—	
28	·270	30·244	50·3	58·8	42·1	59·5	·297	·482	82	97	Calm 0	SW 1	9	10	·030	
29	30·141	29·985	50·1	48·4	47·0	54·0	·297	·340	82	100	SW 2	SW 3	10	10	·160	
30	29·749	29·624	50·5	44·9	44·4	51·4	·333	·269	91	90	S 2	SW 2	10	0	·390	
Means	29·948	29·949	47·1	44·1	38·7	54·8	·243	·239	73·1	79·2	3·1	2·7	6·1	4·4	2·720	

MARLBOROUGH.

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

APRIL 1881.

Day.	Barometer at 32° and M. S. L. 9 a.m.	9 p.m.	Air Temperature. 9 a.m.	9 p.m.	Min.	Max.	Tension of Vapour. 9 a.m.	9 p.m.	Relative Humidity. 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	29·829	29·736	37·7	39·7	29·4	54·0	·179	·170	79	69	ENE	1	E	2	0	6	—	
2	29·844	29·966	40·7	34·4	34·4	49·7	·182	·141	71	71	E	3	E	3	1	0	—	
3	30·029	30·049	35·7	32·1	28·4	45·8	·134	·094	64	52	E	3	E	3	1	0	—	
4	30·001	29·936	38·1	35·1	27·3	49·6	·125	·136	55	66	E	2	E	2	1	0	—	
5	29·805	·786	36·8	35·9	30·6	50·8	·161	·134	73	64	E	3	E	1	4	0	·010	○
6	29·801	29·898	39·5	37·7	32·3	50·6	·172	·142	71	63	E	2	E	2	6	9	—	✳
7	30·009	30·084	38·1	35·8	29·5	51·8	·170	·156	74	73	E	3	E	1	10	4	—	
8	·102	·082	37·4	42·5	28·4	54·3	·179	·184	80	68	E	1	E	1	7	8	—	
9	·081	30·092	41·4	41·6	36·1	54·4	·206	·204	80	78	E	1	Calm	0	10	0	—	
10	30·028	29·869	45·6	52·4	30·0	58·1	·215	·248	71	64	E	1	E	1	5	10	·090	
11	29·812	·877	46·8	47·7	41·4	56·7	·316	·299	98	91	SE	1	Calm	0	10	9	·320	
12	·880	·923	51·0	49·7	46·2	57·1	·345	·328	92	92	Calm	0	Calm	0	10	5	—	
13	·894	·858	54·3	51·7	45·3	62·9	·335	·277	80	73	Calm	0	E	1	9	4	·010	
14	·803	·879	50·7	46·5	46·5	56·9	·335	·295	91	94	Calm	0	Calm	0	10	4	—	
15	·932	29·973	45·5	45·2	42·7	58·1	·290	·243	96	81	Calm	0	Calm	0	10	0	—	
16	29·997	30·002	50·7	48·0	35·0	59·9	·297	·272	81	82	Calm	0	Calm	0	7	5	—	
17	30·027	29·980	48·1	52·3	39·2	62·1	·275	·297	82	76	E	1	E	1	7	0	—	
18	29·968	29·990	51·5	37·4	37·4	58·9	·231	·185	61	83	NE	1	E	2	7	3	—	
19	30·032	30·021	37·4	36·8	36·1	39·7	·155	·147	70	68	NE	3	NE	3	10	8	—	✳
20	29·936	29·844	36·8	35·4	33·4	42·3	·158	·163	73	79	NE	1	Calm	0	10	10	—	✳
21	·829	·817	37·1	37·7	26·2	46·3	·160	·162	73	71	Calm	0	Calm	0	8	10	—	
22	29·785	·983	41·4	40·5	33·7	51·1	·168	·180	64	71	Calm	0	NE	1	2	10	—	
23	30·106	29·975	46·5	43·7	28·9	56·9	·204	·260	65	91	Calm	0	Calm	0	0	10	·060	
24	30·039	30·087	48·7	46·0	39·5	57·9	·251	·271	73	88	N	2	NW	2	8	5	·010	
25	29·958	29·969	50·7	45·5	45·5	57·1	·349	·250	94	83	W	2	W	1	10	10	·060	
26	29·964	30·148	49·0	44·0	36·1	54·1	·267	·225	77	78	NW	2	Calm	0	9	1	·200	▲T
27	30·172	·155	46·5	45·7	37·5	53·3	·251	·259	80	85	W	1	Calm	0	10	10	—	
28	·254	·268	53·0	49·9	42·8	61·8	·269	·267	67	76	Calm	0	Calm	0	1	10	—	
29	30·182	30·068	50·6	49·5	49·0	60·3	·329	·308	90	88	W	1	W	1	10	10	·020	
30	29·864	29·675	54·7	44·6	44·6	58·9	·296	·267	69	91	SW	1	W	1	4	0	·090	
Means	29·965	29·966	44·7	42·8	36·4	54·4	·233	·219	76·5	77·0		1·2		1·0	6·6	5·4	0·870	

STRATHFIELD TURGISS.

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

APRIL 1881.

1	29·812	29·729	44·0	43·4	30·4	54·8	·193	·179	66	64	NE	3	NE	3	0	3	—	Squally ⚳.
2	29·814	29·961	45·0	36·7	30·2	50·8	·190	·146	64	68	NE	3–4	NE	5–4	1	7	—	Squally ⚳ *a.* and *p.*
3	30·024	30·033	38·7	32·6	31·8	46·8	·128	·116	55	63	E	4–3	NE	4–3	0	0	—	Squally ⚳ *a.* and *p.*
4	30·013	29·935	40·7	35·7	28·5	48·6	·146	·154	58	74	E	4–5	NE	4	0	2	—	Squally ⚳ *a.* and *p.*
5	29·812	·758	40·6	39·8	31·9	50·8	·168	·158	66	64	E	4–3	E	3	7	6	—	○ 9*a.* Squally ⚳ *a.* and *p.*
6	29·786	29·886	42·2	37·4	34·2	51·1	·177	·152	67	68	E	4	E	2	6	5	—	Squally ⚳ *a.* and *p.* ⏁ 9*p.*
7	30·015	30·065	41·9	38·4	31·2	51·4	·185	·151	71	65	NE	3	E	3–2	10	0	—	○ 9*a.* Squally ⚳ *a.*
8	·083	·073	42·9	42·9	29·4	51·8	·216	·195	79	71	NE	2	E	2	6	10	—	⏁ 9*p.*
9	·071	30·087	48·7	41·6	38·2	56·8	·230	·201	67	77	NE	2	NE	2	10	0	—	≋ 9*a.*
10	30·043	29·906	47·6	49·6	26·5	59·8	·207	·249	63	70	E	2	S	1	0	8	·013	⌣ 9*a.* ⏁ 9*p.*
11	29·832	·881	52·0	50·2	37·2	59·0	·353	·317	91	88	SE	0–1	SW	2	10	8	·313	≋ 9*a.* ⏁ 9*p.*
12	·895	·929	51·3	49·4	47·0	58·8	·355	·327	94	93	SW	2	SW	1	10	7	—	⏁ 9*p.*
13	·903	·859	59·8	52·8	43·4	65·4	·313	·333	60	83	S	2	SE	2	10	8	—	
14	·799	·879	55·0	46·7	44·5	59·1	·342	·278	79	88	E	0–1	SE	1	9	5	·025	
15	29·927	29·967	50·3	49·0	43·2	62·6	·304	·284	83	82	SW	2	W	1	10	0	—	
16	30·000	30·005	50·3	47·3	35·6	61·5	·285	·256	79	79	W	2	SE	1	10	0	—	
17	30·021	29·971	56·3	52·9	38·5	66·4	·296	·270	66	68	E	3	E	1	3	0	—	⌣ 9*a.*
18	29·967	·977	57·4	38·6	38·5	64·5	·256	·196	54	84	E	3	NE	2	5	0	—	≋ 9*a.* ○ *p.*
19	30·011	·997	38·9	38·7	36·6	42·8	·156	·162	67	70	E	3–5	NE	3	10	10	—	Squally *p.*
20	29·929	·829	40·7	36·3	34·5	47·8	·165	·178	65	84	N	3	N	1	10	8	—	Squally ⚳ *a.* and *p.*
21	·816	·804	39·4	38·3	26·2	48·6	·168	·166	70	72	N	1	NW	2	10	10	—	✳⁰ *p.*
22	29·782	·964	47·2	41·8	32·3	55·8	·198	·190	61	73	NE	1	NE	1	5	10	—	
23	30·104	29·949	47·7	45·8	34·2	57·7	·203	·245	62	80	NW	2	SW	2	0	9	·013	
24	30·043	30·083	49·1	47·4	40·6	61·7	·238	·244	69	76	N	3	W	1	8	2	—	
25	29·953	29·962	54·1	49·0	45·2	61·8	·355	·258	85	74	SW	3	W	3–4	10	10	·014	Squally *p.*
26	29·965	30·137	47·2	41·9	37·5	57·8	·266	·208	83	80	W	3	NW	1	8	0	·077	T about noon. Squalls ▲ T *p.*
27	30·199	·152	50·3	44·1	36·9	56·1	·254	·244	70	84	W	2	W	1	10	5	—	
28	·176	·261	51·0	49·4	33·2	61·2	·271	·275	73	78	W	1	W	1	0	9	—	
29	30·188	30·080	51·7	50·1	46·6	58·4	·344	·335	89	93	SW	2	SW	1	10	10	·034	
30	29·891	29·672	58·1	47·6	47·5	64·2	·306	·288	64	88	SW	3	SW	2	4	1	·043	
Means	29·962	29·960	48·0	43·8	36·4	56·5	·242	·225	70·7	76·7		2·5		2·9	6·4	5·1	0·532	

RAMSGATE.

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

APRIL 1881.

Day.	Barometer at 32° and M. S. L. 9 a.m.	9 p.m.	Air Temperature. 9 a.m.	9 p.m.	Min.	Max.	Tension of Vapour. 9 a.m.	9 p.m.	Relative Humidity. 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	29·863	29·694	43·0	45·1	39·1	47·4	·257	·298	93	99	E	4	NE	4	1	10	—	Fine but cold.
2	29·781	29·928	42·0	39·8	36·1	45·7	·234	·201	89	83	E	6	E	7	10	10	—	Squally *a.* and *p.*, but bright.
3	30·009	30·022	38·0	38·3	35·0	45·7	·144	·159	63	69	E	6	E	7	3	2	—	Squally *a.* and *p.*, but bright.
4	30·026	29·930	39·2	40·6	34·7	43·4	·155	·201	66	80	E	6	E	7	1	0	—	Squally *a.* and *p.*, but bright.
5	29·801	·747	41·0	43·0	37·1	45·0	·197	·218	77	79	E	5	E	4	8	10	—	Squally *a.* and *p.*, but bright.
6	·785	29·897	42·5	40·1	39·2	45·8	·205	·227	76	92	E	3	NE	4	8	7	—	Squally *p.* Bright day.
7	29·926	30·027	39·1	40·1	38·2	45·4	·201	·215	85	87	E	4	E	3	1	0	—	Bright day.
8	30·075	·077	42·1	43·0	39·5	46·4	·225	·234	85	84	E	2	E	2	2	8	—	
9	·099	30·086	45·0	43·2	40·3	46·8	·283	·233	94	84	E	2	E	1	2	10	—	
10	30·023	29·951	46·1	44·3	42·3	49·8	·286	·275	92	95	E	1	Calm	0	5	0	·030	
11	29·875	·874	52·8	46·0	43·5	58·8	·351	·292	87	94	SE	1	S	2	7	2	·070	
12	·972	·976	48·5	46·5	44·0	53·7	·339	·315	99	99	S	2	Calm	0	10	10	·040	
13	·980	·858	50·5	50·1	46·0	55·4	·316	·311	87	86	E	1	E	2	8	10	·020	Fine.
14	·865	·856	48·5	47·6	46·1	54·7	·336	·323	99	98	SE	2	SE	1	10	10	·160	
15	29·960	29·911	50·5	44·5	43·2	54·7	·297	·289	81	98	SW	1	Calm	0	7	0	·010	Fine day.
16	30·038	30·020	49·1	46·5	38·5	54·7	·339	·299	97	96	SE	1	E	1	9	7	—	Fine and bright.
17	·047	30·050	53·7	48·2	43·5	57·4	·286	·303	70	91	E	1	E	3	0	0	—	Fine and bright.
18	30·051	29·926	49·5	40·0	39·5	51·5	·293	·236	83	96	NE	3	E	5	10	10	—	Squally *p.*
19	29·951	·854	39·8	39·8	39·1	42·3	·187	·158	77	64	E	5	E	5	10	10	·020	Squally *a.* and *p.* ✳ ▲ ●
20	·854	·743	42·6	36·9	36·5	46·2	·260	·170	95	78	N	3	N	3	10	10	·030	Squally 9*p.*
21	·735	·742	40·2	38·1	33·0	47·4	·207	·208	84	90	NW	2	NW	1	4	10	—	
22	29·772	·923	44·8	39·2	36·9	52·2	·203	·235	68	98	NW	1	NW	3	10	10	·020	
23	30·104	29·954	42·3	43·2	36·2	47·3	·221	·279	83	100	NW	2	NW	2	5	10	·170	
24	29·975	30·080	45·0	46·0	43·2	56·4	·283	·281	94	92	N	1	SW	1	10	10	—	
25	·931	29·916	52·3	49·1	43·8	57·2	·349	·279	89	81	SW	2	SW	2	10	10	·020	
26	29·952	30·090	46·3	41·0	40·0	54·2	·278	·252	90	98	SW	1	SW	2	10	0	·150	
27	30·163	·150	47·5	47·2	38·0	56·2	·280	·279	87	87	W	1	S	1	5	10	·010	
28	·277	·230	50·2	44·0	38·1	54·4	·301	·261	83	90	N	1	SW	1	4	10	·010	
29	30·223	30·092	48·0	50·0	42·2	57·2	·333	·343	99	95	SW	1	SW	1	10	10	·140	
30	29·953	29·670	49·2	50·4	46·9	60·1	·338	·361	97	98	S	2	SW	1	10	10	·080	● 5*a.* ≋ 7.30*a.*
Means	29·969	29·942	45·6	43·7	40·0	51·1	·266	·258	85·6	89·4		2·4		2·5	6·7	7·2	0·980	

SOUTHAMPTON.

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

APRIL 1881.

1	29·785	29·680	44·9	44·7	33·3	54·4	·211	·197	71	67	ENE	4·5	NE	5·5	1	10	—	⌣ early *a.*
2	·786	·919	43·6	37·0	36·9	52·6	·206	·163	73	74	NE	6·5	NE	7	8	1	—	
3	·984	·991	38·6	33·9	33·6	47·1	·138	·131	59	68	NE	7·5	NE	6·5	5	0	—	⚳ (force 7 to 9) all day.
4	·967	·892	43·8	37·1	30·1	50·9	·152	·167	53	76	ENE	7	NE	6	1	2	—	⚳ (force 7 to 9) all day.
5	·765	·741	41·4	41·1	33·3	52·4	·176	·166	67	65	NE	5	NE	5	9	10	·007	⚳ (force 7) during day. Very large
6	·751	29·800	39·4	39·9	37·2	49·4	·197	·157	82	63	NE	3·5	NE	4·5	10	7	·011	⚳ (force 6) *a.* [⏁ *p.*
7	29·967	30·040	45·0	39·9	34·2	51·9	·181	·146	60	59	NE	5·5	NE	4	9	5	—	
8	30·060	·039	42·1	43·1	32·0	54·4	·201	·212	75	76	NE	3	NE	2·5	5	8	—	⚳ (force 6 to 8) during the day.
9	·052	30·081	44·2	43·2	41·0	53·8	·238	·236	82	84	NE	2·5	SSE	1·5	10	7	—	
10	30·033	29·871	46·4	49·3	33·3	57·0	·236	·277	76	79	Calm	0	SE	3	9	10	·210	≋ 9*a.*
11	29·829	·905	48·8	49·4	47·0	58·4	·331	·320	95	91	SSE	2	SW	3	10	10	·262	● 5*a.*—9*a.*; fine and mild after.
12	·902	·914	52·1	49·6	47·8	57·8	·355	·319	91	90	SW	2·5	SE	1·5	10	8	·003	Fine and mild after 10*a.* ⏁ on grass *n.*
13	·879	·805	54·6	54·6	47·2	63·2	·310	·332	73	78	SE	3	ENE	2	10	3	—	⏁ on grass *a.*
14	·805	·891	51·0	45·7	45·7	58·4	·336	·282	90	92	SSE	1	SW	2	10	9	—	⏁ on grass *a.* and *p.*
15	·927	·970	51·1	45·2	43·9	60·9	·296	·273	79	91	W	1	SW	1	9	0	—	⏁ *a.* and *p.*
16	·993	·980	49·1	50·0	38·0	59·2	·290	·288	83	81	E	1	Calm	0	10	1	—	⏁ on grass *a.* and *p.*
17	·984	·928	55·0	55·1	41·8	65·4	·327	·294	76	69	NE	2·5	NE	3	9	0	—	⏁⁰ on grass *p.*
18	·914	·923	61·2	40·7	40·7	65·7	·296	·204	55	80	NE	4	NE	5·5	3	0	—	⚳ (force 6) all day.
19	·997	·986	40·5	39·7	37·7	44·6	·171	·163	68	67	NE	5	NE	4·5	10	7	—	⚳ during day.
20	·919	·824	39·5	37·5	33·8	44·7	·174	·184	72	82	NE	3	NE	2	10	10	—	✳⁰ 8.30*a.* ✳⁰ ●⁰ (sleet) 9.10*a.*
21	·826	·807	39·0	39·6	28·3	47·2	·163	·164	69	68	N	3	NW	1·5	10	7	—	⌣ early *a.*
22	29·796	·967	46·4	42·1	36·0	53·1	·189	·203	60	76	N	2	N	2	8	7	—	
23	30·126	29·989	44·5	46·8	34·3	56·8	·189	·259	65	81	N	2·5	NW	3·5	8	10	·005	
24	30·046	30·093	50·5	48·4	41·2	60·7	·250	·256	69	76	NNW	3	W	2·5	9	3	·010	
25	29·971	29·981	52·0	49·0	45·7	59·4	·358	·250	92	72	W	3	NW	3	10	10	·106	
26	29·998	30·144	44·9	46·6	41·5	56·2	·259	·220	87	70	WNW	3	NW	2	10	1	·178	Frequent ● showers. T 1.45 *p.*
27	30·192	·143	49·1	47·1	40·6	53·9	·275	·286	79	89	NW	1	NW	2	10	4	—	
28	·270	·268	49·0	50·0	42·3	58·7	·280	·298	80	83	Calm	0	SW	2	9	2	·003	⏁ on grass *a.*
29	30·201	30·078	50·0	49·5	46·1	55·3	·345	·338	96	96	SW	2	SW	3	10	10	—	●⁰ with ≋ till 9.30 *a.*, fine and mild [after.
30	29·887	29·693	55·0	47·0	47·0	61·7	·309	·303	72	94	S	3	SW	3	10	1	·046	
Means	29·954	29·947	47·1	44·8	39·1	55·5	·248	·236	75·0	77·9		3·1		3·2	8·4	5·4	0·841	

ST. LEONARDS.

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

APRIL 1881.

Day.	Barometer at 32° and M. S. L. 9 a.m.	9 p.m.	Air Temperature. 9 a.m.	9 p.m.	Min.	Max.	Tension of Vapour. 9 a.m.	9 p.m.	Relative Humidity. 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	29·763	29·662	45·6	45·0	35·6	49·4	·223	·222	73	74	E 5	NE 5	2	10	—	(force 6) at times.
2	·734	·887	43·3	38·9	38·9	46·9	·225	·198	80	85	ENE 6	NE 8	10	7	—	(gale) p.
3	·955	·962	41·3	36·0	34·8	44·8	·168	·160	65	75	ENE 7	NE 7	3	0	—	(gale) n. and all day.
4	·977	·891	41·4	38·7	32·7	47·0	·173	·186	66	80	ENE 7	NE 6	1	1	—	(gale) n. and most of day. Day bright. at night.
5	·745	·713	42·8	42·1	35·1	46·9	·206	·208	75	78	E 6	NNE 4	5	10	·033	n. and till noon.
6	·741	29·849	43·0	38·0	38·0	51·8	·215	·206	78	90	NE 4	NE 6	9	2	—	
7	29·957	30·025	44·9	38·0	37·5	50·0	·198	·197	66	86	ENE 7	NE 6	8	3	—	in past n.
8	30·039	·045	45·4	43·8	37·1	50·9	·222	·239	74	83	ENE 4	NNE 2	10	8	—	
9	·056	30·074	52·6	44·7	41·7	53·9	·276	·236	70	80	NE 3	NNE 3	5	10	—	
10	30·027	29·926	51·0	49·5	41·7	55·3	·263	·292	70	83	E 3	NE 2	4	10	—	
11	29·867	·938	50·6	46·0	45·5	53·0	·321	·301	87	97	SE 1	SW 3	9	10	·072	
12	·961	·961	46·0	49·6	44·8	52·9	·301	·332	97	94	SSW 3	Calm 0	10	5	—	p.
13	·932	·840	53·5	55·6	47·8	62·7	·307	·352	75	79	ESE 3	NE 3	4	5	·041	
14	·847	·917	46·5	44·3	44·3	55·6	·317	·289	100	100	SW 2	WSW 3	10	5	·020	till 4p. p.
15	29·950	29·995	46·8	43·8	43·8	50·8	·309	·279	96	98	SW 2	Calm 0	10	1	—	p.
16	30·009	30·007	51·9	48·7	39·5	55·0	·296	·296	77	86	ESE 1	NE 2	8	10	—	
17	30·003	29·938	55·7	53·5	44·5	64·2	·226	·302	73	73	ENE 3	NNE 4	5	0	—	Cloudless p.
18	29·926	·882	60·3	49·8	40·8	65·0	·318	·228	61	90	NE 3	NE 8	3	0	—	(gale) from 7p.
19	·944	·952	41·5	38·7	38·7	43·9	·191	·167	74	71	NE 5	NNE 3	10	8	—	(gale) till 3a. 0 0 11a.—Noon. (force 6) at times.
20	·868	·789	40·0	37·5	34·8	43·9	·166	·175	67	77	NNE 4	NNW 2	9	9	·010	0 0 0 showers p.
21	·770	·796	41·2	39·3	29·1	46·4	·188	·192	73	81	NNW 3	NNW 1	7	10	—	0 0 showers p.
22	29·783	·942	43·6	39·6	35·7	49·9	·186	·195	65	80	N 1	NNW 2	9	2	—	Wind backed to SW. during day.
23	30·103	29·966	40·5	45·1	32·9	48·2	·186	·265	74	88	NNE 2	WNW 3	10	10	·125	Wind backed to S. during day.
24	29·991	30·098	47·4	45·7	40·3	56·8	·258	·283	80	92	N 4	W 1	8	8	·021	p.
25	·995	29·952	47·6	47·1	42·8	49·7	·326	·290	98	90	WSW 4	W 1	10	7	·030	p.
26	29·980	30·125	44·6	41·8	39·5	53·1	·267	·242	91	92	W 2	NW 1	10	0	·210	a.
27	30·180	·142	47·8	45·7	37·8	52·1	·258	·243	78	80	NW 2	W 2	9	10	—	
28	·266	·310	51·5	45·6	42·8	52·9	·271	·283	73	93	E 3	W 2	1	0	·012	Wind veered through S. during day.
29	30·224	30·113	45·6	47·6	44·9	49·7	·306	·323	100	98	WSW 4	SW 4	10	10	—	all day. p.
30	29·951	29·699	52·1	47·7	46·2	56·0	·334	·307	85	93	S 3	SW 5	3	10	·077	a.
Means	29·951	29·947	46·9	43·9	39·7	52·0	·250	·250	78·0	85·5	3·6	3·3	7·1	6·0	0·651	

DARTMOOR.

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

APRIL 1881.

1	29·727	29·705	34·0	39·5	27·0	48·0	·156	·203	79	84	E 6	E 3	5	0	—	
2	·707	·804	38·2	34·0	32·0	46·0	·161	·166	70	84	E 8	E 8	10	10	—	
3	·855	·878	31·8	35·0	27·0	41·0	·151	·184	84	90	E 8	E 8	7	0	—	
4	·847	·805	34·0	34·0	24·0	40·0	·139	·122	71	62	E 7	E 8	5	10	—	
5	·681	·695	34·5	37·0	27·0	45·0	·155	·165	78	75	E 8	E 4	10	2	—	
6	*·720*	·891	*34·0*	41·4	30·3	42·0	*·166*	·186	*79*	72	*E 6*	E 4	*10*	10	—	
7	*29·930*	29·996	*35·0*	38·2	29·0	46·0	*·166*	·188	*80*	82	*E 6*	SE 3	*10*	8	—	
8	30·031	30·043	33·0	39·7	26·2	47·6	·175	·224	93	92	E 3	E 2	4	10	—	
9	30·028	30·038	42·0	40·5	38·0	45·0	·225	·241	85	96	E 3	E 1	10	10	—	
10	29·959	29·780	44·3	46·5	39·6	46·5	·262	·317	90	100	S 2	SE 3	10	10	·700	before 9a.
11	·795	·910	44·2	45·2	43·0	48·0	·290	·297	100	99	NW 6	SW 2	10	10	·180	9a. and 9p.
12	·857	·858	48·2	48·3	45·2	58·8	·338	·283	100	84	S 4	S 2	10	10	—	a. and p.
13	·836	·891	47·0	44·8	43·6	53·6	·288	·280	90	95	SE 1	E 1	10	10	·040	
14	·903	·908	45·0	42·9	42·3	49·1	·295	·263	98	95	SW 1	SW 1	10	10	—	9a.
15	·949	29·963	44·9	48·0	40·0	52·0	·199	·175	67	52	SW 3	SW 4	7	5	·060	
16	·997	30·024	43·2	42·0	35·1	53·7	·275	·225	98	85	E 2	E 1	4	0	—	
17	·972	29·968	49·0	48·0	38·0	55·0	·234	·264	67	79	E 6	E 2	10	10	—	
18	·856	·886	54·5	40·0	40·0	59·2	·226	·188	54	76	E 6	E 8	3	0	—	
19	·963	·994	37·0	33·0	30·5	40·0	·174	·147	79	78	E 8	E 8	2	8	—	
20	·962	·906	32·9	31·7	28·9	38·6	·157	·162	85	91	NE 3	E 3	10	10	—	
21	·930	·893	31·8	31·9	24·8	41·2	·166	·164	93	91	NE 2	Calm 0	10	10	·040	before 9a.
22	29·788	29·959	40·0	39·8	31·0	47·1	·180	·220	73	91	E 1	W 1	10	8	—	
23	30·164	30·167	43·2	42·3	27·8	51·8	·179	·263	64	98	W 1	SW 2	10	10	·020	
24	·163	*·189*	45·7	*43·0*	*35·0*	*51·0*	·238	*·252*	79	*92*	SE 2	*SW 3*	10	*10*	·220	before 9a.
25	·028	·028	47·0	42·3	38·0	49·6	·323	·263	100	98	SW 3	SW 3	10	10	·080	
26	·030	·247	43·8	40·0	37·6	49·2	·272	·231	96	94	SW 4	W 2	10	3	·090	
27	·145	*·170*	40·1	*40·0*	*37·0*	*42·0*	·241	*·242*	97	*98*	W 1	*E 1*	10	*10*	·200	
28	·243	·326	44·7	46·8	37·6	53·6	·251	·321	85	100	NW 1	W 1	8	10	—	9p.
29	30·233	30·068	45·0	45·8	43·6	47·2	·299	·308	100	100	SW 2	SW 1	10	10	·340	a. and 9p.
30	29·840	29·739	44·0	41·2	40·8	46·3	·288	·254	100	98	SW 1	SW 2	10	10	·310	9a. and before.
Means	29·938	29·957	41·1	40·8	34·7	47·8	·222	·227	84·5	87·7	3·8	3·1	8·5	7·8	2·280	

BABBACOMBE.

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

APRIL 1881.

Day.	Barometer at 32° and M. S. L. 9 a.m.	9 p.m.	Air Temperature. 9 a.m.	9 p.m.	Min.	Max.	Tension of Vapour. 9 a.m.	9 p.m.	Relative Humidity. 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	29·729	29·663	41·6	44·8	35·4	49·7	·194	·206	75	69	NE 6	ENE 5	2	10	·050	Squalls a. and p. 1p.—7p.
2	·743	·841	41·0	39·5	38·2	48·7	·188	·173	74	72	ENE 7	ENE 9	9	3	—	Squally a. and p. after 10p.
3	·900	·886	36·5	37·3	34·0	44·0	·140	·134	65	61	ENE 9	ENE 8	3	2	—	Squally a. and p. Very rough sea. 11.30a.—3p.
4	·880	·803	38·8	40·2	33·0	47·6	·154	·156	65	63	ENE 8	ENE 8	3	10	—	10a. and 1.30p. Squally a. and p. Very rough sea.
5	·695	·693	38·9	42·7	35·7	47·5	·166	·166	71	61	ENE 6	ENE 6	6	9	—	Squally (gale) before 9a. 9 9a.–10a. (mist) p.
6	·721	·809	38·3	43·9	36·8	45·0	·187	·177	81	61	ENE 5	ENE 5	10	10	—	Squalls before 9a. 9 (mist) p.
7	29·928	29·986	39·6	43·0	35·8	48·4	·189	·181	78	65	ENE 6	E 6	9	4	—	Squally p.
8	30·029	30·019	39·0	43·8	32·7	49·2	·181	·248	77	87	NE 4	NE 2	2	10	—	Squally before 9a. 9 (mist) p.
9	30·030	30·050	43·8	44·5	42·0	48·5	·228	·262	79	90	NE 2	E 1	10	10	—	9 (mist) a. and p. 0 6p.—9p.
10	29·974	29·789	44·8	47·3	43·6	48·5	·283	·322	96	99	E 2	ESE 3	10	10	·220	9 (mist) a. and p. 11p.—Midt.
11	·765	·880	49·6	49·7	47·0	56·7	·329	·339	93	95	SW 4	WSW 3	10	10	·010	(mist) in past n.
12	·853	·846	51·6	49·1	48·7	56·7	·358	·306	94	88	SSW 3	S 3	10	9	—	in past n. 0 0 noon-2p. and 3p.-4p.
13	·825	·820	49·9	47·2	46·0	52·9	·311	·309	87	96	NE 2	Calm 0	9	10	·250	9 (mist) p.
14	·811	·886	53·9	48·0	47·0	60·9	·367	·293	88	88	WSW 2	WNW 1	8	9	—	p. [after 9p.
15	·926	·964	52·9	41·5	41·5	55·8	·334	·260	83	99	SSE 1	NE 2	6	8	·010	till 10a. and after 6p. 7p.
16	·978	·961	49·9	47·3	37·2	54·8	·257	·273	73	85	ENE 2	ENE 1	1	3	—	in past n. p.
17	·943	·896	50·8	50·9	46·9	55·3	·285	·295	77	80	ENE 3	NE 3	9	4	—	9 (mist) a. and p. 0 1p.—3p.
18	·846	·875	51·3	46·8	46·8	56·6	·258	·218	69	69	ENE 5	NE 6	8	2	—	Squally (gale) p.
19	·947	·982	41·7	39·3	37·6	46·8	·202	·148	78	62	NE 7	ENE 6	10	9	—	Squally a. and p.
20	·933	·840	37·4	37·1	36·0	43·5	·133	·169	60	76	NE 4	NNW 2	10	10	—	Squally before 9a.
21	·860	·847	41·0	37·9	30·8	47·8	·182	·159	71	70	NE 3	NNW 2	9	4	—	9 (mist) a. and p. Wind veered through day.
22	29·788	29·907	42·9	45·6	37·1	49·7	·220	·225	80	74	ENE 1	NW 3	10	9	·050	Wind WSW. 5a.—8a. 9 (mist) p.
23	30·146	30·049	49·9	46·5	35·4	59·0	·211	·272	59	87	WNW 1	W 4	0	10	·010	Wind S. at noon. 0 3p.-4.45p. Squally p
24	·113	·136	50·0	47·8	42·3	59·7	·250	·266	70	80	NNW 3	WSW 3	9	10	—	
25	·000	·054	51·8	46·1	46·1	59·7	·369	·263	95	85	WSW 4	WSW 3	10	3	—	0 1p.—3.30p. 9 (mist) a. and p.
26	·060	·217	52·8	44·8	42·1	57·3	·241	·231	61	78	WNW 4	WNW 2	3	3	—	Squally a. and p.
27	·211	·170	47·3	44·6	42·5	47·9	·271	·288	84	97	SW 2	NNE 1	10	10	·090	Scotch 6.30p.—9p.
28	·286	·283	51·3	49·6	41·0	57·0	·306	·331	81	94	NE 1	SW 2	8	10	—	9 (mist) a. and p. 0 after 8p.
29	30·201	30·054	53·7	49·7	46·7	55·8	·325	·336	78	94	W 3	SW 3	10	10	—	9 (mist) a. and p.
30	29·807	29·727	51·7	43·8	43·8	52·7	·318	·259	83	91	S 4	WSW 3	10	0	·100	8a.—10a. 2 5p. after 8p.
Means	29·931	29·933	46·1	44·7	40·3	52·1	·248	·242	77·5	80·5	3·8	3·5	7·5	7·4	0·790	

ST. AUBIN'S, JERSEY.

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

APRIL 1881.

1	29·654	29·606	47·0	45·3	41·2	49·1	·214	·272	67	90	ENE 3	ENE 3	4	10	·057	Cold wind. Fine a. p. [night.
2	·657	·718	45·9	43·6	42·2	47·8	·254	·217	83	76	ENE 4	ENE 8	7	10	—	Cold all day. 2 (force 8-9) all
3	·760	·790	42·3	41·3	39·6	45·3	·187	·195	70	75	ENE 8	ENE 8	8	7	—	2 (force 10 in squalls) all day. Rough [night.
4	·791	·732	39·5	45·3	37·0	45·3	·185	·192	77	64	ENE 7	ENE 6	8	8	—	with squalls all day, but moderating.
5	·629	·645	44·0	43·3	40·2	46·8	·209	·254	72	91	ENE 5	ENE 4	5	10	·005	Warm sun at times.
6	·638	·733	45·0	44·6	42·4	47·9	·266	·248	89	84	ENE 3	ENE 3	10	10	·011	Gloomy day. Cold wind. 0 p.
7	·818	·916	48·4	44·4	42·7	49·8	·246	·240	73	82	ENE 4	ENE 3	5	10	·033	
8	29·964	29·997	44·6	45·5	42·0	49·5	·256	·266	87	88	NE 3	NE 2	10	10	—	Day sunless, with cold breeze.
9	30·022	30·088	49·1	48·6	44·8	55·6	·302	·310	86	91	Calm 0	Calm 0	10	10	—	Mild.
10	30·037	29·890	49·0	50·0	43·3	56·0	·315	·342	91	95	SE 2	SbyE 2	10	10	·189	to 8.30a. Day warm. [times p.
11	29·897	30·001	53·4	50·0	48·2	57·7	·345	·317	85	88	SW 3	W 2	4	8	·006	Fine and warm. 0 4p. 0 at
12	·965	29·919	52·0	51·0	48·0	56·6	·340	·318	87	85	S 2	SE 2	9	5	—	Mild and fine. 0 a. 0 0 p. [Swallows seen.
13	·852	·863	59·1	50·4	48·4	66·8	·303	·341	60	93	ESE 1	NW 1	3	10	·227	Warmest 9a. in April since 1874.
14	·909	·970	50·0	46·3	45·1	57·8	·322	·295	90	95	SW 3	SW 2	10	3	·003	p. Cuckoo heard.
15	·986	·985	54·3	49·8	43·0	57·4	·304	·287	72	81	SW 3	ENE 2	3	10	·004	2 a. Extremely fine day. Wind [backed.
16	·972	·941	52·0	51·7	48·0	59·1	·318	·291	82	76	Calm 0	ENE 3	10	2	·002	
17	·908	·855	58·4	54·5	48·8	63·8	·342	·318	70	75	EbyN 2	EbyN 3	8	10	—	Very cloudy and warm. 0 p.
18	·778	·780	55·9	50·0	49·0	58·4	·320	·241	71	67	ENE 4	ENE 4	8	10	—	Very cloudy day.
19	·869	·922	44·2	41·5	41·0	50·0	·216	·169	74	65	NE 5	NE 3	10	10	—	
20	·902	·842	40·9	40·4	39·2	43·5	·156	·169	60	67	NE 2	NE 2	10	10	—	0 (2 miles to the North) Noon.
21	·867	·894	44·2	36·3	35·7	47·2	·156	·153	53	70	NE 2	Calm 0	2	0	—	Day bright, but cold and very dry.
22	29·844	29·983	47·4	40·3	35·1	48·0	·196	·225	60	91	NW 2	NE 1	9	5	·056	p. Temp. on grass in past n. 25°·4.
23	30·162	30·143	47·1	47·2	39·1	52·5	·191	·262	60	82	NE 2	W 2	7	10	·018	Extremely fine. Coloured 0 from 4p.
24	·131	·236	51·0	47·5	44·0	56·0	·270	·315	72	96	NNW 3	W 2	9	8	·003	Wind backed. 0 p.
25	·174	·116	49·2	47·6	46·0	51·7	·342	·315	98	96	WSW 3	WbyN 2	10	10	·055	Sunless, with Scotch at times.
26	·176	·259	53·7	47·0	44·4	56·0	·309	·293	75	92	W 3	NW 2	2	0	·002	2 a. Day fine with cold breeze. [Very bright p. 0 p.
27	·298	·165	50·2	47·3	43·4	50·6	·310	·321	86	99	NW 1	E 1	10	10	·207	Sunless and very damp.
28	·328	·371	51·2	45·3	41·7	55·3	·292	·289	78	96	NW 1	Calm 0	7	0	·002	Extremely fine. p.
29	30·305	30·180	50·3	49·4	44·0	58·2	·347	·327	95	93	SW 2	Calm 0	10	4	—	Scotch 6.30p.—9p.
30	29·933	29·849	54·3	48·2	46·5	57·1	·313	·328	74	98	SbyE 3	SW 3	4	0	·102	0 a. p. Bar. fell till 4p. Lilac [in flower.
Means	29·941	29·946	49·1	46·5	43·1	53·2	·271	·270	76·6	84·7	2·9	2·5	7·4	7·3	0·932	

Earth temp.:—Mean of 10 readings at 9a. (every third day) at 1 foot 49°·59, 3 feet 47°·99, 6 feet 45°·27.

LONDONDERRY.

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

APRIL 1881.

Day.	Barometer at 32° and M. S. L. 9 a.m.	9 p.m.	Air Temperature. 9 a.m.	9 p.m.	Min.	Max.	Tension of Vapour. 9 a.m.	9 p.m.	Relative Humidity. 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	30·006	30·007	41·7	38·2	26·8	46·5	·199	·169	76	73	NE 2	NE 2	1	0	—	Fine and clear all day.
2	·157	·259	40·7	34·2	31·0	45·0	·181	·138	71	71	NE 3	E 2	4	4	—	Fine and clear, but cold.
3	·288	·229	36·2	34·0	27·0	44·8	·137	·154	63	79	NE 2	NE 1	1	0	—	Fine and clear, but cold.
4	·200	30·113	41·8	35·7	27·0	52·6	·162	·177	62	85	NE 2	Calm 0	0	0	—	Fine and clear, but cold.
5	30·028	29·972	40·0	34·8	29·9	48·1	·170	·184	68	92	NE 2	Calm 0	6	0	—	Fine and clear, but cold.
6	29·984	30·033	42·7	34·8	27·8	49·0	·196	·164	72	82	NE 2	Calm 0	0	0	—	Fine and clear.
7	30·141	·171	43·1	37·7	30·4	51·0	·194	·181	69	79	E 3	Calm 0	3	6	—	Fine and clear.
8	·175	30·123	43·7	34·7	32·4	52·3	·186	·166	65	82	SE 2	NE 1	4	0	—	Fine and clear.
9	30·093	29·997	46·2	45·7	30·8	54·0	·209	·213	67	69	SE 2	E 1	0	10	—	Fine and clear day. Cloudy evening.
10	29·924	·756	45·7	46·3	40·0	51·4	·245	·228	80	73	E 2	SE 3	10	6	—	
11	·712	·664	45·7	48·3	42·4	55·2	·267	·304	87	90	E 2	ESE 1	10	10	·220	
12	·598	·638	49·8	52·3	42·7	60·8	·335	·341	93	87	SE 2	S 3	10	10	·050	
13	·758	·884	52·2	48·7	47·8	60·2	·331	·324	84	94	SE 3	Calm 0	10	10	·510	
14	·898	29·811	47·5	46·7	45·7	49·1	·324	·302	98	95	NNE 1	NE 1	10	10	·200	Constant ● till 8p.
15	29·910	30·011	50·0	46·1	45·1	57·2	·302	·288	84	93	SE 1	Calm 0	10	7	·010	Mild.
16	30·072	·110	48·8	43·7	43·0	54·2	·297	·267	86	93	NE 2	NE 1	8	0	—	
17	·137	·160	45·7	46·7	38·5	53·3	·267	·236	87	75	NE 2	NE 1	10	0	—	
18	·217	·227	51·2	41·7	40·0	56·0	·330	·230	88	88	NNE 2	E 1	0	0	—	Fine and clear.
19	·298	·218	41·5	37·7	37·0	47·0	·171	·183	66	80	NE 2	NE 2	9	1	—	Fine and clear.
20	30·101	30·003	40·7	40·3	36·8	47·2	·164	·214	64	86	NNE 3	NE 2	10	5	·020	
21	29·919	29·805	44·7	44·7	37·4	51·9	·278	·278	94	94	NW 1	W 1	8	10	·030	
22	·942	30·073	45·7	45·2	42·5	50·9	·224	·241	73	81	NE 2	Calm 0	9	10	—	
23	·988	30·047	49·8	45·7	43·8	52·6	·264	·290	74	95	W 3	W 1	10	10	·070	
24	·992	29·746	49·7	49·7	43·9	54·0	·309	·338	88	95	SW 3	SW 4	10	10	·090	
25	·836	29·862	50·5	42·8	40·3	53·6	·228	·223	62	81	WSW 3	WSW 3	9	6	·230	▲ ● showers during day. Cold.
26	29·975	30·158	50·1	45·7	40·5	54·8	·250	·245	69	80	NW 2	W 1	8	5	·020	
27	30·121	·189	48·5	44·7	43·0	56·0	·255	·257	75	87	WSW 1	Calm 0	10	10	—	
28	·231	30·161	50·2	51·3	41·0	56·8	·310	·342	86	90	SW 1	W 1	10	7	·040	
29	30·016	29·851	51·5	50·7	48·0	57·2	·315	·350	82	94	W 1	SW 1	10	10	·090	
30	29·620	29·439	50·7	47·5	45·8	59·0	·325	·290	88	88	SE 1	W 1	10	7	·060	
Means	30·011	29·991	46·2	43·2	38·3	52·7	·248	·244	77·4	85·0	2·0	1·2	7·0	5·5	1·640	

MARKREE CASTLE.

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

APRIL 1881.

1	29·937	29·944	39·7	36·4	28·5	53·4	·182	·176	74	82	ENE 4	Calm 0	0	0	—	⌐² a.
2	30·083	30·190	38·5	33·9	33·5	46·8	·168	·127	73	66	ENE 5	E 3	10	5	—	⌐² a. Evening observations at 9.30p.
3	·216	·164	37·9	33·9	28·4	46·7	·148	·137	65	70	E 3	E 2	2	0	—	
4	30·111	30·046	41·6	35·3	31·3	50·4	·157	·150	60	72	E 4	Calm 0	0	0	—	⌐² a.
5	29·951	29·924	39·5	34·2	28·5	49·2	·165	·160	69	80	ENE 3	Calm 0	5	0	—	⌐² a.
6	29·934	29·980	40·2	36·5	24·5	52·4	·175	·143	70	66	ENE 2	Calm 0	0	5	—	⌐² a.
7	30·073	30·104	43·1	39·1	29·5	51·2	·185	·189	66	80	ESE 3	ESE 1	1	3	—	⌐² a. U 9p.
8	·117	30·082	40·1	34·1	32·3	50·6	·186	·163	74	82	ESE 3	Calm 0	10	0	—	
9	30·017	29·937	45·4	43·1	26·9	57·6	·235	·244	78	87	ESE 4	SSE 3	0	10	—	≋⁰ 9a.
10	29·812	·627	48·1	48·7	40·3	53·7	·280	·294	84	86	SSE 5	SE 4	10	10	—	
11	·620	·622	52·1	49·2	46·8	55·2	·319	·324	81	93	SE 3	S 1	10	6	·144	
12	·534	·593	52·1	51·1	43·1	56·4	·363	·322	93	85	S 2	SSE 4	10	10	·024	
13	·696	·858	51·4	48·3	47·4	59·9	·343	·311	90	92	SE 3	Calm 0	7	10	·074	
14	·871	·811	48·1	45·9	44·4	50·7	·316	·295	94	96	Calm 0	NW 1	10	10	·167	
15	29·880	29·972	50·1	47·1	44·4	57·7	·318	·281	88	87	SE 1	Calm 0	10	6	—	
16	30·025	30·062	47·5	43·1	36·8	55·9	·309	·250	95	89	SE 2	Calm 0	10	9	—	
17	·077	·085	45·9	46·1	39·3	54·0	·258	·260	84	84	E 3	ENE 3	10	0	·029	
18	·131	·179	51·1	43·9	40·1	59·7	·222	·243	60	84	ENE 2	Calm 0	1	0	—	⌒ 9p.
19	·258	·206	40·8	37·7	35·8	49·7	·204	·160	80	71	NNE 2	N 2	10	8	—	
20	30·091	30·010	41·2	40·7	37·4	50·7	·200	·188	78	75	NE 3	NNE 2	10	6	·015	
21	29·932	29·818	43·9	45·1	36·6	50·0	·231	·267	80	89	NNW 2	NNW 2	10	10	·006	
22	29·926	30·081	49·5	45·2	42·1	53·2	·256	·258	73	86	NW 3	NW 2	10	10	—	
23	30·076	30·099	50·1	46·7	44·2	54·4	·270	·266	75	84	NW 2	NW 2	10	10	·034	
24	30·010	29·814	53·1	50·5	44·1	57·1	·324	·354	80	97	SW 1	SW 3	10	10	·070	Evening observations at 9.15p.
25	29·907	29·931	49·1	44·1	41·0	53·5	·279	·288	80	100	SW 3	WNW 3	10	10	·099	
26	30·033	30·180	48·5	45·1	41·0	53·1	·245	·261	72	87	SW 3	Calm 0	7	10	·046	
27	·098	·181	45·9	49·9	42·0	54·7	·273	·340	89	95	S 2	Calm 0	10	10	·071	
28	·216	30·175	53·1	51·2	48·9	57·5	·370	·340	91	91	SW 1	Calm 0	10	10	·011	
29	30·007	29·801	51·1	51·6	47·5	58·4	·303	·350	80	92	SW 1	SE 2	10	10	·154	
30	29·540	29·419	53·1	45·3	43·9	59·8	·331	·277	81	92	SE 3	SSE 2	10	10	·120	
Means	29·973	29·963	46·4	43·4	38·4	53·8	·254	·247	78·6	84·7	2·6	1·4	7·4	6·6	1·264	

DUBLIN.

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

APRIL 1881.

Day.	Barometer at 32° and M. S. L. 9 a.m.	9 p.m.	Air Temperature. 9 a.m.	9 p.m.	Min.	Max.	Tension of Vapour. 9 a.m.	9 p.m.	Relative Humidity. 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	29·922	29·897	40·9	43·2	36·0	44·2	·198	·215	78	78	ENE 4	ENE 4	5	0	—	⌐ early a. ≋⁰ (mist) a. Bright p.
2	30·023	30·162	42·2	37·0	36·6	45·5	·188	·148	71	67	E by N 6	E by N 7	5	10	—	Squally ╱ all day, reaching gale force [p. Bitterly cold.
3	·208	·143	36·3	39·4	33·8	40·6	·142	·152	65	64	ENE 6	E by N 5	4	0	—	Squally ╱ a. and p. Bright but very [cold p.
4	30·125	30·031	39·7	41·0	35·4	44·5	·173	·167	71	65	E 5	E 6	1	9	—	Squally ╱ a. and p. Very bright a. ∞
5	29·953	29·900	36·9	41·1	35·2	41·9	·157	·181	72	71	E 5	E 4	9	3	—	Squally ╱ a. Very cold. ∞ p. [p.
6	29·928	29·972	39·3	41·4	36·3	44·2	·177	·216	74	84	E 4	ENE 3	5	1	—	Very bright, with cold wind.
7	30·097	30·112	41·2	42·6	37·0	46·6	·184	·219	71	81	E 3	E 3	4	2	—	Cold searching air. [cir. p.
8	·155	·104	40·9	46·5	36·2	46·0	·180	·170	70	78	E 4	E 1	7	4	—	≋⁰ (mist) a. and p. Bright a. Much
9	30·086	30·011	43·8	46·4	35·7	49·0	·230	·236	80	76	ESE 3	ESE 2	3	8	—	⌐⁰ early a. Very fine, with ∞⁰. [Milder p.
10	29·917	29·724	47·2	48·4	42·9	51·4	·255	·283	79	84	SE by S 4	SSE 5	7	9	·208	∞ a. Milder. ● from 8.30p. Wind
11	·656	·691	47·1	51·0	45·9	51·6	·302	·326	93	87	ESE 3	WSW 2	10	3	·132	●⁰ till 5p. Milder p. [freshening.
12	·656	·724	52·1	51·1	47·2	55·0	·363	·320	93	84	S 1	S 3	9	9	·011	Cloudy but mild. [● from 3p.
13	·793	·863	52·0	48·2	47·9	54·3	·330	·323	85	96	S by E 4	S 1	9	10	·592	Mild, with ● showers a. Continuous
14	·838	·844	46·1	48·1	45·8	51·1	·296	·306	95	91	N 2	W 2	10	6	·070	Wind backed to N. n., with ●², and [to W. during day.
15	29·906	29·997	49·7	42·3	42·1	53·3	·313	·263	88	98	ESE 1	ENE 2	7	10	·010	Very bright and mild 11a. Temp. fell [quickly p. ≋⁰ p.
16	30·028	30·025	43·7	43·1	38·1	46·4	·273	·258	96	93	W 1	Calm 0	10	0	—	≋ a. Dull and cool. ⌒² p.
17	·052	·051	46·2	47·3	38·8	51·9	·292	·280	94	87	E by S 2	SE 2	10	3	—	≋⁰ a. Sunny, with ∞ p. ⌒² p.
18	·138	·148	47·2	44·2	43·8	50·5	·220	·240	68	82	E by N 3	ENE 4	4	1	—	Very bright and fine. ≋⁰ (mist) 9p.
19	·211	30·172	41·0	41·2	39·4	44·5	·166	·166	65	64	ENE 5	ENE 4	9	10	—	✳⁰ ●⁰ (sleet) showers a. ╱
20	30·055	29·957	39·3	40·2	36·9	43·3	·196	·172	82	69	ENE 4	N 3	3	7	—	✳⁰ ●⁰ ▲⁰ showers a. Cloudy till 4p.
21	29·922	29·810	42·1	45·9	34·4	50·2	·176	·234	66	76	N 3	NW 3	4	10	·010	Cold and dry a. Wind backing. Cir.
22	29·890	30·059	47·2	44·8	42·7	52·2	·218	·237	68	80	N 3	NW 2	9	3	—	Cloudy a. Brilliant p. [from 11a.
23	30·103	30·059	47·9	46·9	38·9	52·6	·269	·238	81	75	WNW 4	NW 4	10	2	·011	Cloudy a. ● · Squally ╱ 3p. Sunny
24	30·090	29·900	49·9	52·2	43·9	58·6	·286	·283	80	73	W 3	W by S 4	10	5	—	[from 4p.
25	29·926	29·963	50·7	45·7	45·3	57·3	·241	·227	65	74	W by N 4	W 4	4	1	·040	Much cir. p.
26	30·014	30·198	47·9	47·8	42·0	56·0	·233	·225	70	68	WNW 5	W 3	4	6	·010	●² 7a. ● ▲ showers a. Parhelion
27	·127	·195	50·3	48·9	44·6	51·3	·252	·299	69	87	SE 2	Calm 0	9	10	—	[6.30p.
28	·261	30·212	51·0	54·1	48·2	58·0	·348	·384	93	91	Calm 0	WSW 2	10	10	·030	≋ 9a. Mild and damp.
29	30·072	29·900	53·6	53·0	49·8	59·4	·320	·301	77	75	WSW 2	SW 2	10	6	·133	Very mild and fine p.
30	29·639	29·499	53·4	47·7	47·1	54·5	·327	·272	80	82	S by E 2	W by S 2	9	3	·072	Bar. 29·488 4p., when ●² fell, and [wind veered.
Means	29·993	29·978	45·6	45·4	40·9	50·2	·244	·245	78·0	79·3	3·3	3·0	7·1	5·4	1·329	

PARSONSTOWN.

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

APRIL 1881.

1	29·879	29·889	41·0	37·0	27·4	50·8	·227	·155	89	71	NE 2	NE 1	4	0	—	Stormy during past n. ⌒ ≋⁰ (mist)
2	29·991	30·122	43·1	37·1	34·2	48·9	·185	·141	66	64	ENE 4	E 7	6	10	—	≋⁰ (mist) before 9a. [before 9a.
3	30·165	30·109	37·9	34·2	30·6	43·4	·140	·133	61	67	ENE 3	ENE 5	2	0	—	[p.
4	30·059	29·994	41·5	36·5	29·6	50·9	·160	·158	61	73	ENE 4	E 3	5	2	—	▲ ≋⁰ (mist) before 9a. ≋⁰ (mist)
5	29·907	·887	38·5	33·5	30·2	45·5	·158	·150	67	78	NE 4	NE 1	6	1	—	≋⁰ (mist) a. and p.
6	29·883	29·938	40·1	36·5	28·8	49·0	·168	·162	67	75	NE 3	NE 1	5	3	—	≋⁰ (mist) a. and 9p.
7	30·042	30·086	41·7	36·4	31·0	54·8	·185	·175	71	81	NE 1	NE 1	8	0	—	≋⁰ (mist) a. and p.
8	·115	30·077	45·3	39·9	29·4	53·6	·179	·169	59	69	E 1	ESE 0·2	4	7	—	≋⁰ (mist) before 9a.
9	30·041	29·969	47·5	42·5	27·0	56·6	·216	·224	66	82	SE 1·3	S 1	6	8	—	≋⁰ (mist) 9p.
10	29·841	·616	48·3	49·3	42·0	51·9	·267	·316	79	90	SE 3	SE 8	9	10	·046	
11	·588	·666	51·7	49·3	46·6	56·0	·303	·296	79	85	SE 2	SW 1	10	10	·096	
12	·599	·643	52·9	50·5	49·0	55·9	·351	·327	88	89	SSE 2	S 2	10	10	·026	
13	·722	·844	52·1	49·1	48·4	61·0	·322	·319	82	91	S 1	SSE 1	9	10	·076	
14	·865	·850	48·5	48·3	44·4	54·9	·321	·301	94	90	N 0·2	SW 0·2	10	10	·010	≋ before 9a.
15	29·911	29·961	46·3	51·6	42·9	59·4	·279	·302	90	78	SSE 0·3	SE 0·5	10	9	—	≋⁰ (mist) before 9a.
16	30·008	30·040	50·7	45·5	37·9	55·2	·310	·259	84	86	NNE 0·4	NE 2	4	5	—	≋ before 6a. ≋⁰ (mist) 9p.
17	·040	·040	46·3	45·9	40·0	58·0	·268	·265	86	86	NE 0·6	NE 1	8	6	—	≋ before 9a.
18	·066	·132	47·5	42·7	35·2	57·8	·234	·205	72	75	E 4	NE 5	3	2	—	≋⁰ (mist) before 9a. ▲ 9p.
19	·207	·188	42·2	33·5	33·4	44·3	·166	·144	62	75	NE 5·5	E 0·2	9	2	—	Clouds slowly from NW.
20	30·078	30·005	41·0	34·4	28·0	46·4	·167	·155	65	77	N 2	NNW 1	10	7	—	
21	29·963	29·865	43·6	45·0	34·0	51·2	·194	·229	68	77	NNW 3	W 2	10	10	—	
22	29·936	30·103	47·3	41·5	41·0	56·9	·204	·207	63	80	NNW 2·5	Calm 0	10	10	—	∞ 9p.
23	30·141	30·137	49·7	44·5	32·4	55·2	·239	·229	67	78	WNW 2	W 2	10	6	·010	▲ 9p.
24	30·094	29·944	51·7	50·1	43·9	56·1	·303	·214	79	60	WSW 2	SW 6	8	10	·085	Stormy during the day. Squally 9p.
25	29·962	30·018	50·5	45·1	43·9	54·4	·239	·242	65	81	W 5	WSW 3	4	9	·130	
26	30·100	·235	44·5	47·0	41·0	55·9	·237	·251	80	78	W 2	WSW 3	8	10	·183	▲ 9p.
27	·100	·20	46·5	53·0	42·1	55·2	·288	·361	91	90	SE 0·5	W 2	10	10	·011	
28	·264	30·230	52·7	48·6	48·6	60·9	·356	·315	89	93	SW 0·3	SW 1	10	2	—	≋⁰ (mist) 9p.
29	30·062	29·863	51·0	51·4	47·4	58·7	·288	·328	77	87	SW 1	SSE 3	10	10	·276	
30	29·572	29·482	53·7	47·0	46·8	54·7	·327	·264	79	83	SSE 1·3	SSW 2	10	9	·444	Wind W. at Noon.
Means	29·973	29·971	46·5	43·6	37·9	53·8	·243	·233	74·9	79·6	2·1	2·2	7·6	6·6	1·393	

DUNROBIN CASTLE.

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

MAY 1881.

Day.	Barometer at 32° and M. S. L. 9 a.m.	9 p.m.	Air Temperature. 9 a.m.	9 p.m.	Min.	Max.	Tension of Vapour. 9 a.m.	9 p.m.	Relative Humidity. 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	29·546	29·695	43·4	41·4	40·7	44·7	·279	·252	99	97	E	E	—	—	·130	Dull with ● *a.* Fine *p.*
2	29·801	·976	43·2	37·6	37·6	45·3	·206	·221	74	99	NE	NE	—	—	·030	Fine, but cold.
3	30·024	·962	47·7	41·4	32·7	48·3	·218	·238	67	91	NE	E	—	—	—	Dull.
4	29·811	·892	45·4	41·2	38·4	47·5	·243	·255	81	98	W	NW	—	—	·050	
5	·801	·716	47·5	47·5	35·6	55·3	·281	·281	87	87	E	W	—	—	·030	Fine.
6	29·715	29·911	50·7	45·9	40·7	56·3	·314	·295	85	96	SW	SW	—	—	·110	Fine and mild.
7	30·202	30·509	51·5	48·3	40·2	57·2	·330	·209	87	63	W	W	—	—	·030	Showery *a.* Blowy *p.*
8	·621	·708	55·5	46·9	42·7	59·4	·333	·288	76	91	W	W	—	—	—	Fine and mild.
9	·739	·781	50·0	39·4	39·4	60·2	·302	·231	84	96	SE	SE	—	—	—	Fine and mild.
10	·746	·619	48·7	44·2	35·4	50·5	·314	·248	92	85	E	NE	—	—	—	Fine and mild.
11	·511	·421	54·7	53·7	40·9	63·6	·321	·336	75	79	NE	NW	—	—	—	Fine *a.* ∞ *p.*
12	30·301	30·168	54·0	51·7	47·6	56·4	·334	·327	80	85	W	SW	—	—	—	Fine *a.* Dull *p.*
13	29·946	29·741	52·3	50·3	46·9	57·9	·344	·324	88	89	W	NW	—	—	·150	Dull *a.* Breezy *p.*
14	·747	·749	52·3	46·2	44·7	56·3	·357	·297	91	96	NW	W	—	—	—	
15	·591	·361	48·3	45·4	39·8	49·5	·294	·287	88	95	E	SE	—	—	·670	Dull.
16	·492	·709	42·9	38·4	36·8	49·5	·250	·193	91	84	NE	NE	—	—	·020	▲ showers *p.*
17	·639	·335	44·9	43·2	34·4	46·3	·244	·275	83	98	E	NW	—	—	·230	Fine, with cold wind.
18	·311	·349	44·9	43·4	39·8	45·0	·288	·279	97	99	E	NE	—	—	·440	
19	·344	·411	44·9	45·6	41·7	48·5	·288	·304	97	99	E	NE	—	—	·680	
20	29·504	29·844	50·0	45·6	44·2	53·0	·322	·304	90	99	NE	NE	—	—	·070	Cloudy and mild.
21	30·056	30·233	55·5	52·7	44·7	56·9	·333	·339	76	85	SE	SE	—	—	—	Fine.
22	·332	·407	59·2	55·3	47·6	61·9	·449	·414	90	95	E	NE	—	—	—	Fine.
23	·428	·376	55·5	54·7	45·7	64·2	·412	·423	94	99	SE	NE	—	—	—	Very fine.
24	·304	·277	55·5	53·5	46·2	60·6	·441	·411	100	100	E	N	—	—	—	Very fine.
25	·166	·010	55·5	50·3	46·2	58·6	·412	·344	94	95	E	NE	—	—	—	Fine.
26	·006	30·030	51·3	54·5	50·3	59·4	·357	·411	95	97	E	NE	—	—	—	Dull.
27	·030	29·998	57·6	51·7	49·1	62·4	·412	·379	86	99	E	NE	—	—	—	Fine.
28	·004	30·077	57·6	57·9	47·6	65·2	·457	·468	96	98	E	E	—	—	—	Fine.
29	·127	·268	60·0	54·7	48·8	64·6	·426	·417	81	97	E	W	—	—	—	Fine.
30	·320	·391	53·3	51·7	48·4	56·3	·408	·379	100	99	S	SE	—	—	—	≋⁰ (mist) *a.* and *p.*
31	30·342	30·357	58·6	52·5	50·1	69·8	·473	·368	96	94	SW	NE	—	—	—	Fine.
Means	30·016	30·041	51·4	48·0	42·7	55·8	·337	·316	87·7	93·0	—	—	—	—	2·640	

BRAEMAR.

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

MAY 1881.

1	29·470	29·612	42·9	37·0	37·0	51·2	·260	·212	95	96	NE 0·5	NE 2	10	10	·310	
2	29·766	·918	36·1	35·7	34·4	47·7	·185	·176	86	83	NE 1	NE 2	9	6	·020	Fair but cold.
3	30·003	·982	39·6	37·6	32·2	44·5	·173	·177	71	78	NE 1	SE 2	7	7	—	Fair but cold.
4	29·833	·885	37·4	39·7	31·7	45·7	·194	·210	87	86	S 0·5	W 2	9	4	·110	Showery.
5	·856	29·777	44·8	43·4	32·6	51·2	·226	·221	76	78	SW 2	SW 1	7	2	·100	Showery.
6	29·778	30·013	44·6	41·6	40·8	50·2	·222	·207	75	79	SW 4	W 2	7	6	—	Showery.
7	30·259	·537	48·7	43·6	40·8	52·7	·228	·219	67	77	W 6	SW 2	6	2	—	Fair.
8	·614	·656	48·8	46·0	41·6	57·3	·231	·240	67	78	W 2	NE 1	3	5	—	Fair, clear, and fine.
9	·681	·734	49·2	42·6	39·5	55·7	·228	·210	65	78	NE 2	NE 2	2	2	—	Fair, clear, and fine.
10	·699	·628	43·3	46·5	30·4	62·8	·203	·249	73	80	E 0·5	S 1	0	2	—	Fair and clear. ☋ *p.*
11	·507	·447	53·9	51·5	33·6	61·3	·228	·257	54	68	W 2	SW 1	8	8	—	Fair and clear.
12	30·296	30·214	56·3	48·0	43·1	63·2	·253	·234	55	70	SW 2	W 1	8	1	—	Fair and clear.
13	29·958	29·735	49·7	47·0	40·9	59·6	·244	·323	69	100	SW 4	SW 3	8	8	·020	Fair and clear.
14	·737	·757	50·0	45·6	42·6	55·9	·239	·254	67	83	SW 2	SW 1	6	4	·030	Fair and clear.
15	·526	·148	42·8	44·5	31·6	52·3	·247	·271	90	93	E 1	NE 1	9	10	·440	
16	·410	·826	37·6	35·9	35·9	47·5	·201	·151	90	71	NE 6	NW 4	10	3	·180	✳
17	·677	·302	41·3	41·6	32·2	45·0	·172	·250	67	95	SE 2	W 1	8	8	·160	● Snow on hills.
18	·248	·279	48·3	45·9	35·1	51·5	·241	·241	71	79	S 2	S 3	6	7	·180	● T
19	·263	·395	46·6	41·1	40·9	50·7	·252	·241	80	93	SE 1	W 1	7	1	·110	Showery.
20	29·504	29·770	46·8	43·4	32·1	53·3	·251	·255	79	91	SW 1	SE 0·5	7	4	·200	Showery.
21	30·046	30·239	48·5	49·7	36·4	55·2	·240	·268	73	76	SW 2	S 1	7	0	—	
22	·335	·412	54·7	52·8	45·7	60·8	·282	·315	66	79	SW 1	SW 1	6	5	—	
23	·421	·399	57·3	50·3	38·1	62·7	·252	·215	54	59	S 2	SE 1	0	0	—	
24	·344	30·247	51·5	49·5	34·6	63·7	·322	·241	84	68	SE 2	NE 1	1	0	—	
25	30·071	29·952	53·3	46·5	37·5	61·5	·268	·298	67	95	E 1	NE 2	7	0	—	Dull and damp.
26	29·953	30·018	56·3	56·3	44·8	60·5	·334	·325	74	72	E 0·5	E 0·5	1	3	—	
27	·930	29·954	62·8	58·1	50·9	72·1	·247	·317	44	66	E 1	E 0·5	4	0	—	
28	29·958	30·069	64·6	57·8	38·9	72·5	·278	·309	45	65	E 1	S 1	0	0	—	
29	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
30	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	T *5p.*
31	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Means	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	

NOTE.—No instrumental observations for the last three days of May.

LAUDALE.

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

MAY 1881.

Day.	Barometer at 32° and M. S. L. 9 a.m.	9 p.m.	Air Temperature. 9 a.m.	9 p.m.	Min.	Max.	Tension of Vapour. 9 a.m.	9 p.m.	Relative Humidity. 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	29·430	29·546	50·0	44·0	48·0	51·6	·298	·265	83	92	S 1	S 1	5	6	—	≋⁰ (mist) *a.*
2	29·759	·961	45·3	40·2	41·4	48·8	·242	·207	78	84	E 2	E 3	8	6	—	
3	30·034	·950	45·2	45·5	32·5	52·5	·182	·208	60	69	Calm 0	SSW 2	5	6	·160	Threatening appearance to West, *op.*
4	29·804	·922	43·0	46·0	38·9	53·0	·242	·261	87	85	SSW 1	SSW 1	10	5	·090	≋⁰ (mist) *9a.*
5	·814	29·766	46·8	51·4	42·3	54·8	·275	·294	86	78	SSW 4	SSW 2	10	7	·700	≋⁰ (mist) *a.* and *p.* Very threatening *a.*
6	29·836	30·119	50·1	50·0	46·0	52·4	·270	·261	75	73	SSW 6	SSW 5	6	8	·200	≋⁰ (mist) *a.* ☈ 11.30*a.*, followed by [▲² showers.
7	30·269	·579	50·4	49·0	43·5	53·5	·261	·256	72	72	SSW 4	SSW 1	10	6	·050	
8	·686	·673	51·4	49·0	40·5	55·6	·255	·268	67	77	WNW 2	Calm 0	0	5	—	
9	·698	·716	55·3	54·7	38·4	61·7	·280	·264	65	62	Calm 0	NE 2	0	0	—	
10	·713	·614	55·2	57·2	40·0	59·4	·263	·195	60	42	Calm 0	Calm 0	0	0	—	
11	·575	·511	54·6	51·2	41·0	61·5	·303	·320	72	85	E 1	E 1	0	0	—	∞ *a.* and *p.*
12	·401	30·263	50·2	51·0	47·0	61·0	·327	·263	91	70	NNW 1	NNW 1	6	8	—	
13	30·028	29·814	49·0	51·8	47·9	52·8	·298	·308	86	80	Calm 0	SW 3	6	10	·260	≋⁰ (mist) *a.* and *p.* ●² showers *p.*
14	29·815	·769	50·6	47·6	46·4	53·6	·285	·270	77	83	W 3	Calm 0	6	6	—	≋⁰ (mist) *a.* and *p.*
15	·444	·144	47·0	47·2	43·0	52·3	·280	·298	87	93	SE 2	Calm 0	9	7	·150	≋⁰ (mist) *a.*
16	·524	·835	47·2	41·0	43·4	48·0	·233	·197	73	77	NW 6	Calm 0	5	5	·040	Showers of ▲ ● *p.*
17	·619	·275	42·2	47·8	38·2	52·6	·219	·267	83	81	SSE 5	SW 3	10	6	·900	≋⁰ (mist) *a.*
18	·217	·223	49·2	49·0	40·1	55·5	·296	·276	85	79	Calm 0	W 2	10	10	·350	≋⁰ (mist) *a.*
19	·274	·367	47·1	45·0	44·6	54·8	·256	·282	79	94	Calm 0	SW 1	10	6	·500	≋⁰ (mist) *9a.*
20	29·527	29·817	46·0	49·9	41·9	50·0	·283	·287	92	81	S 1	Calm 0	10	7	·150	≋⁰ (mist) *9a.*
21	30·079	30·195	51·4	56·2	45·4	60·1	·296	·295	79	65	SSW 1	SSW 2	6	5	—	≋⁰ (mist) *9a.*
22	·324	·352	56·4	56·1	50·8	62·2	·324	·321	71	71	SE 2	SE 1	5	0	—	
23	·393	·293	63·6	58·2	46·9	70·0	·301	·294	51	60	ESE 1	E 1	0	0	—	∞ *9a.*
24	30·275	30·140	60·4	55·0	49·6	68·8	·308	·280	58	65	E 2	E 1	0	0	—	
25	29·989	29·851	58·0	54·0	51·8	68·0	·296	·310	61	74	E 1	E 4	0	6	—	
26	·926	·957	62·5	53·0	52·7	71·0	·370	·347	66	86	E 2	Calm 0	6	5	—	
27	·911	29·890	67·2	56·8	48·5	71·4	·457	·380	68	82	Calm 0	Calm 0	5	5	·060	●² showers 3.30*p.*
28	29·983	30·061	61·2	54·0	50·3	62·3	·351	·412	65	99	Calm 0	Calm 0	8	6	·030	≋ (heavy mist) to shore from 5.30*p.*
29	30·140	·249	60·8	52·3	51·5	64·0	·442	·379	83	97	NW 1	Calm 0	8	0	—	
30	·359	·322	58·4	54·2	49·9	65·4	·327	·332	80	79	Calm 0	Calm 0	0	5	—	≋ (heavy mist) *a.* ☋²
31	30·360	30·291	63·3	55·0	45·4	70·9	·358	·381	62	88	Calm 0	Calm 0	2	0	—	
Means	30·010	30·015	52·7	50·8	44·8	58·7	·296	·290	74·3	78·2	1·6	1·2	5·4	4·7	3·640	

DUNDEE.

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

MAY 1881.

1	29·442	29·568	43·4	40·4	40·3	46·7	·281	·232	100	93	NE 2	NE 6	10	10	·150	
2	29·763	29·939	41·4	39·4	38·3	43·8	·221	·186	86	78	NE 4	SE 1	10	10	—	Dull.
3	30·030	30·029	42·4	39·4	32·2	47·7	·195	·186	72	78	NE 1	E 1	10	10	—	Dull.
4	29·861	29·894	39·4	42·4	35·2	47·7	·224	·252	93	93	S 1	NW 1	10	0	·100	● *7a.—3p.*
5	·934	29·806	48·4	48·4	34·2	53·7	·271	·271	80	80	SW 1	SW 2	10	5	·050	Dull.
6	29·820	30·112	54·4	45·4	44·3	56·7	·294	·240	69	80	W 6	W 8	5	0	·050	● till *2p.* ↗ (gale).
7	30·291	·563	53·4	46·4	43·3	58·7	·242	·212	59	68	W 10	NW 1	5	7	—	↗ (gale) to *6p.*
8	·634	·695	56·5	43·4	39·3	64·7	·277	·241	61	85	SW 2	SE 1	5	0	—	Fine.
9	·741	·769	48·4	39·4	36·2	52·7	·250	·205	74	85	SE 1	SE 1	5	7	—	Fine.
10	·787	·693	47·4	39·4	33·2	52·7	·239	·224	74	93	SE 1	SE 1	5	0	—	Fine.
11	·556	·456	56·5	55·4	34·2	66·7	·257	·286	57	65	W 2	W 1	10	10	—	Dull.
12	·363	30·216	58·5	48·4	45·3	67·7	·323	·231	66	68	W 2	W 2	5	0	—	Fine.
13	30·018	29·799	53·4	50·4	44·3	56·7	·261	·291	64	80	SW 8	W 8	5	10	—	Dull.
14	29·777	·783	54·4	48·4	45·3	60·7	·272	·271	64	80	W 6	NW 1	10	10	—	
15	·594	·162	45·4	47·4	40·3	49·7	·283	·303	94	93	SE 1	SE 1	10	10	·400	● 8.30*a.—4p.*
16	·259	·825	45·4	40·4	40·4	50·7	·221	·163	73	65	N 12	NW 6	10	7	—	↗² (very strong gale) to *2p.* ↗ [(gale) till *4p.*
17	·725	·314	46·4	45·4	33·2	47·7	·212	·283	68	94	SE 1	W 2	10	10	·200	● *11a.—4p.*
18	·310	·316	50·4	46·4	42·3	59·7	·315	·294	86	94	W 1	W 1	10	10	·100	T ● showers.
19	·295	·395	50·4	46·4	44·3	56·7	·315	·294	86	94	SE 2	NW 1	10	10	·100	T with ● showers.
20	29·541	29·802	53·4	49·4	41·3	60·7	·304	·283	74	81	W 1	W 1	10	10	—	
21	30·130	30·288	57·5	52·4	44·3	61·7	·287	·315	61	80	W 1	W 1	5	10	—	
22	·431	·442	54·4	50·4	47·2	65·7	·316	·315	74	86	SW 1	NE 1	10	7	—	Fine.
23	·496	·431	55·4	46·4	44·3	58·7	·308	·292	70	93	SE 2	SE 2	0	10	—	Fine.
24	·362	30·234	55·5	47·4	42·3	60·7	·355	·279	80	86	SE 2	NE 1	0	0	—	Fine.
25	30·062	29·973	54·4	46·4	45·3	58·7	·294	·292	69	93	E 6	NE 2	10	10	·100	Stormy 10*a.—3p.* ● till *3p.*
26	29·983	·986	56·5	49·4	46·3	64·7	·344	·327	75	93	SE 1	E 1	10	10	—	
27	29·965	29·976	63·5	48·4	47·2	68·7	·393	·291	67	86	SE 1	NE 1	5	5	—	Fine.
28	30·014	30·091	60·5	52·4	42·3	64·7	·349	·292	66	74	SE 2	E 1	0	0	—	Fine.
29	·164	·254	61·5	52·4	43·3	66·7	·363	·340	67	86	SE 1	SE 1	0	5	—	Fine.
30	·325	·350	67·4	61·5	46·3	79·9	·431	·363	64	67	SW 1	NE 1	0	7	—	Fine.
31	30·351	30·330	67·4	55·4	46·3	73·8	·460	·355	68	81	SW 1	NE 1	5	10	—	Fine.
Means	30·033	30·048	53·0	47·2	41·4	58·9	·295	·271	72·9	83·0	2·7	1·9	6·8	6·8	1·250	

ROTHESAY.

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

MAY 1881.

Day.	Barometer at 32° and M. S. L. 9 a.m.	9 p.m.	Air Temperature. 9 a.m.	9 p.m.	Min.	Max.	Tension of Vapour. 9 a.m.	9 p.m.	Relative Humidity. 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	29·449	29·559	45·3	45·7	43·6	48·9	·302	·308	100	100	SE	ENE	—	—	·035	Dull and mild.
2	29·759	29·969	43·6	40·7	39·6	48·4	·242	·243	85	96	ENE	Calm	—	—	·050	Dull and cold.
3	30·051	30·004	48·2	43·1	32·7	51·9	·202	·209	60	75	SE	SSW	—	—	·206	Cold.
4	29·850	29·973	40·3	44·6	38·1	54·4	·231	·241	93	82	ENE	NW	—	—	·020	Cold.
5	·927	29·870	45·3	48·2	39·1	53·4	·300	·255	99	76	S	SW	—	—	·265	Wet *a.* Fair *p.*
6	29·912	30·195	50·6	48·0	44·1	56·3	·308	·259	83	78	W	W	—	—	·005	Blowy and cold.
7	30·449	·640	51·5	45·1	44·1	56·0	·276	·246	73	82	W	WNW	—	—	—	Blowy and cold.
8	·694	·659	53·0	47·0	36·2	60·1	·288	·271	72	85	NW	NW	—	—	—	Clear and fine.
9	·720	·735	49·3	47·0	43·1	63·6	·260	·247	74	77	ENE	NE	—	—	—	Clear and fine.
10	·764	·687	49·5	45·6	37·6	57·5	·254	·252	72	82	NE	W	—	—	—	Clear and fine.
11	·620	·544	53·2	50·5	36·2	62·1	·309	·334	76	91	Calm	NW	—	—	—	
12	·455	30·319	53·0	49·0	43·6	58·5	·308	·270	76	77	WSW	NW	—	—	—	
13	30·102	29·870	50·2	48·5	44·1	56·0	·257	·334	71	98	SW	W	—	—	·090	Cloudy and blowy.
14	29·866	·807	52·0	44·1	43·1	57·0	·315	·269	81	93	SW	NW	—	—	·250	Wet *a.* Fair *p.*
15	·566	·132	46·7	47·0	39·6	52·5	·320	·323	100	100	SE	Calm	—	—	·302	Dull and wet.
16	·474	·870	50·0	42·4	40·6	53·9	·273	·193	76	71	NW	NW	—	—	·136	Blowy and cold.
17	·640	·339	41·4	46·7	36·5	54·5	·261	·307	100	96	SSE	WSW	—	—	·673	Dull and wet.
18	·303	·301	53·6	46·4	42·6	56·6	·308	·301	75	96	SSW	S	—	—	·430	● 2 ✳ 2 (sleet) showers. T in SW. [0.30p.
19	·296	·411	46·6	46·7	43·6	55·0	·308	·295	97	93	SW	NW	—	—	·106	
20	29·558	29·872	50·5	48·3	41·4	56·0	·309	·311	84	92	SSW	WSW	—	—	·035	
21	30·128	30·278	54·0	51·0	44·1	58·0	·315	·328	75	87	S	S	—	—	—	Fine.
22	·411	·403	52·5	51·0	45·6	62·7	·347	·304	88	81	SSW	Calm	—	—	—	Clear and calm.
23	·415	·340	58·9	54·0	44·6	69·0	·350	·315	71	75	NE	ENE	—	—	—	Clear but cloudy.
24	30·275	30·167	59·9	54·0	45·1	69·0	·348	·271	68	65	ENE	E	—	—	—	Clear but cloudy.
25	29·990	29·880	51·6	50·0	45·7	55·0	·297	·329	77	92	E	ENE	—	—	·080	Dull and cloudy.
26	·953	·960	55·0	58·9	46·6	69·3	·370	·392	86	79	ENE	E	—	—	—	Dull and mild.
27	29·933	29·888	58·4	61·1	51·1	73·0	·380	·315	78	59	E	ENE	—	—	—	Fine and warm.
28	30·006	30·056	59·9	55·5	51·6	68·5	·474	·400	93	91	E	WSW	—	—	—	Fine and warm.
29	·136	·245	65·1	60·9	49·1	73·5	·365	·446	59	84	ENE	Calm	—	—	—	Fine and warm.
30	·373	·366	61·9	56·0	42·1	72·0	·474	·345	86	76	WSW	W	—	—	—	Fine and warm.
31	30·390	30·328	68·8	57·9	42·1	72·5	·457	·361	65	75	Calm	W	—	—	—	Fine and warm.
Means	30·047	30·054	52·3	49·5	42·5	59·8	·316	·299	80·4	84·0	—	—	—	—	2·683	

PINMORE.

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

MAY 1881.

1	29·474	29·548	47·9	46·9	44·8	59·1	·279	·269	85	85	S	S	—	—	—	
2	29·702	·850	45·4	43·5	40·6	55·1	·243	·207	81	74	S	S	—	—	—	
3	30·014	·976	47·9	40·1	32·5	63·1	·202	·223	61	90	E	NE	—	—	·630	
4	29·844	·975	44·9	43·0	39·4	54·1	·293	·249	99	90	NW	N	—	—	·010	
5	·967	29·863	46·4	49·8	34·5	54·1	·275	·353	88	98	S	S	—	—	—	
6	29·963	30·218	45·4	47·9	45·4	59·1	·299	·238	98	72	W	W	—	—	—	
7	30·472	·639	51·8	44·4	43·8	58·1	·207	·234	54	80	NW	NW	—	—	—	
8	·666	·611	54·9	44·0	32·5	62·1	·294	·238	68	82	W	NW	—	—	—	
9	·672	·684	59·0	44·9	34·0	67·0	·300	·258	59	87	NW	NW	—	—	—	
10	·709	·690	53·9	40·1	31·5	55·1	·264	·223	63	90	S	NW	—	—	—	
11	·667	·552	54·9	45·9	29·5	65·0	·294	·260	68	85	NE	W	—	—	—	
12	·453	30·312	57·8	44·2	37·0	62·6	·250	·240	60	82	NW	NW	—	—	—	
13	30·117	29·914	49·8	49·8	44·2	55·1	·261	·302	73	85	NW	W	—	—	·090	
14	29·895	·834	51·8	48·1	45·3	59·1	·281	·301	73	90	W	SW	—	—	·020	
15	·568	·128	48·9	47·1	47·1	59·1	·301	·295	88	91	S	S	—	—	·310	
16	·373	·796	54·9	41·5	40·8	57·1	·273	·209	63	80	NE	NE	—	—	·150	
17	·645	·414	46·4	46·9	36·5	55·1	·254	·292	81	92	SE	W	—	—	·500	
18	·350	·343	53·9	46·9	42·4	56·1	·293	·269	71	85	W	SW	—	—	·360	
19	·321	·456	49·8	45·7	45·3	55·1	·282	·279	79	92	SW	SW	—	—	·220	
20	29 575	29·912	48·7	47·9	43·4	55·1	·290	·279	85	85	W	W	—	—	·040	
21	30·143	30·228	55·9	48·9	37·4	67·0	·288	·292	64	85	SW	W	—	—	—	
22	·384	·394	60·6	49·8	43·8	65·0	·275	·302	52	85	S	S	—	—	—	
23	·376	·293	64·9	57·5	40·4	73·9	·313	·302	56	64	S	SE	—	—	—	
24	30·207	30·102	62·9	52·8	47·2	70·9	·340	·216	59	50	SE	SE	—	—	—	
25	29·901	29·851	53·9	52·3	47·2	66·0	·302	·334	73	85	E	S	—	—	·130	
26	·894	·940	65·4	59·0	47·7	74·9	·445	·424	72	86	S	SE	—	—	—	
27	29·902	29·940	65·4	55·9	52·0	77·9	·491	·382	79	86	SE	S	—	—	—	
28	30·004	30·067	58·2	55·4	51·0	65·0	·367	·388	76	89	S	S	—	—	—	
29	·137	·252	60·0	53·7	50·1	71·9	·359	·411	69	99	SE	SE	—	—	—	
30	·319	·344	65·8	51·8	45·3	72·9	·372	·328	59	85	S	S	—	—	—	
31	30·358	30·310	70·0	48·4	40·9	73·9	·421	·320	57	94	S	S	—	—	—	
Means	30·035	30·046	54·8	48·2	41·8	62·7	·305	·288	71·2	84·8	—	—	—	—	2·460	

SCALEBY.

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

MAY 1881.

Day.	Barometer at 32° and M. S. L. 9 a.m.	9 p.m.	Air Temperature. 9 a.m.	9 p.m.	Min.	Max.	Tension of Vapour. 9 a.m.	9 p.m.	Relative Humidity. 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	29·473	29·557	47·3	45·8	45·2	49·8	·306	·287	95	93	SW 5	Calm 0	10	10	·010	
2	29·696	29·918	44·8	39·8	39·2	47·2	·271	·204	92	84	NE 3	NE 3	10	9	—	
3	30·019	30·049	43·0	40·8	32·0	47·8	·218	·213	79	84	Calm 0	Calm 0	10	9	·120	
4	29·878	29·976	40·8	42·8	37·2	52·0	·241	·273	96	99	SE 3	Calm 0	10	0	·160	
5	30·012	29·913	49·3	50·8	36·2	51·0	·323	·343	92	92	SW 4	SW 5	10	10	·430	
6	29·983	30·220	52·8	48·8	47·0	58·0	·369	·317	92	92	SW 6	SW 6	9	7	—	The first swallow seen to day.
7	30·451	·635	53·3	46·8	44·2	59·0	·349	·204	85	92	SW 6	SW 1	5	0	—	
8	·674	·579	51·8	47·8	35·0	63·0	·330	·301	85	91	SW 1	E 1	0	0	—	
9	·696	·720	49·8	40·8	39·2	59·0	·317	·236	88	93	E 2	E 3	8	2	—	
10	·751	·699	46·8	40·8	31·0	58·0	·271	·231	85	92	E 3	Calm 0	1	0	—	
11	·602	·545	52·8	47·8	33·0	64·2	·330	·281	82	85	S 1	Calm 0	0	10	—	
12	·458	30·300	56·3	47·8	39·2	68·0	·362	·305	80	92	Calm 0	Calm 0	1	0	—	
13	30·123	29·964	52·8	50·8	38·7	57·0	·348	·356	86	95	SW 5	SW 4	10	10	·050	
14	29·891	·830	52·3	47·8	46·0	58·0	·375	·270	96	81	SW 4	Calm 0	10	3	·200	
15	·527	·152	51·3	46·8	41·3	56·5	·345	·318	92	99	SW 2	SE 2	10	10	·420	
16	·307	·854	46·8	42·8	42·0	55·8	·249	·251	78	92	NE 5	W 1	10	4	·020	
17	·705	·401	44·8	50·8	34·0	53·0	·260	·343	88	92	SW 3	SW 5	10	10	·310	
18	·343	·386	52·8	50·8	43·4	59·0	·325	·283	81	76	SW 5	SW 5	10	9	·140	
19	·333	·474	48·1	48·8	48·1	56·0	·298	·288	89	84	SW 3	SW 5	10	4	·060	
20	29·615	29·873	49·8	47·8	46·0	55·0	·317	·305	88	92	SW 5	SW 4	9	8	·020	
21	30·185	30·326	49·8	48·8	40·5	60·5	·343	·304	95	88	SW 2	Calm 0	5	0	—	
22	·415	·388	60·8	55·8	41·0	70·0	·365	·443	69	99	S 2	SW 2	3	0	—	
23	·405	·328	61·3	50·3	42·2	69·0	·292	·280	54	77	NE 4	N 3	0	0	—	
24	30·249	30·109	57·6	52·0	42·8	68·0	·327	·280	69	73	NE 4	E 5	0	0	·190	
25	29·933	29·857	50·8	51·3	47·0	59·8	·336	·375	91	99	E 3	E 3	8	6	·120	● ☇
26	·913	·964	57·6	56·8	45·0	65·9	·418	·400	87	86	NE 2	E 2	8	3	—	
27	·872	29·883	66·3	56·8	50·0	72·0	·422	·309	66	67	E 1	E 3	2	1	—	
28	29·975	30·043	61·3	54·8	45·0	76·0	·399	·329	75	77	Calm 0	NE 3	1	0	—	T
29	30·102	·129	68·2	59·3	44·0	77·5	·410	·325	58	65	E 2	Calm 0	0	0	—	T
30	·333	·377	64·0	57·8	43·8	77·0	·301	·361	50	76	S 1	Calm 0	0	0	—	
31	30·389	30·307	63·8	58·8	45·2	76·2	·447	·424	76	86	Calm 0	Calm 0	0	6	—	
Means	30·042	30·057	53·2	49·3	41·4	61·3	·331	·307	81·9	86·9	2·8	2·1	5·8	4·2	2·250	

SCARBOROUGH.

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

MAY 1881.

1	29·494	29·548	51·3	47·6	44·5	56·5	·274	·245	74	74	WSW 4	W 1	8	1	·010	
2	·667	29·852	45·7	41·5	41·0	49·9	·266	·218	87	84	N 2	NE 2	10	10	·010	▲ before *qa.*
3	·959	30·067	44·5	38·7	37·4	47·8	·208	·195	71	83	N 4	NNE 1	5	0	—	
4	29·975	29·956	43·7	45·6	35·5	47·5	·190	·260	66	85	SSW 3	W 1	10	5	·140	
5	30·081	29·983	50·4	52·6	39·5	56·3	·288	·340	80	86	SW 2	SW 3	9	10	·060	
6	·019	30·272	56·4	51·6	51·5	61·4	·381	·262	84	69	WSW 2	WSW 2	10	0	—	
7	·474	·602	57·4	52·4	43·5	64·5	·365	·248	77	64	W 4	WNW 2	5	1	—	
8	·663	·644	53·6	48·0	43·5	55·8	·238	·231	58	69	N 3	NE 1	1	7	—	
9	·664	·679	47·6	42·7	42·5	49·8	·252	·213	76	78	N 5	N 4	3	10	—	
10	·718	·704	44·7	39·7	39·7	49·3	·207	·199	70	81	NE 2	NNE 1	10	1	—	
11	·615	·519	52·6	46·7	33·5	57·3	·269	·197	68	62	SSW 1	S 1	4	0	—	
12	·428	30·203	59·6	54·6	45·7	63·6	·298	·269	58	64	WSW 1	WSW 1	3	1	—	
13	30·151	29·959	62·1	52·6	47·5	71·3	·299	·267	54	68	SW 1	W 2	0	3	·020	
14	29·916	·864	55·3	50·6	49·5	59·3	·343	·336	79	92	WSW 2	SW 2	10	10	·090	
15	·663	·308	52·5	49·7	49·0	59·1	·362	·297	92	84	S 3	S 4	10	2	·070	
16	·189	·839	50·2	42·7	42·7	51·1	·305	·207	84	76	WNW 2	N 2	8	7	·020	
17	·856	·471	49·0	53·6	38·6	54·0	·241	·388	69	95	SW 3	SSW 2	10	10	·100	
18	·436	·471	54·1	52·0	50·8	59·4	·342	·393	82	78	WSW 2	W 1	10	6	·030	
19	·445	·537	55·4	50·6	43·8	61·5	·281	·276	65	75	SW 4	WSW 2	5	1	·020	
20	29·687	29·922	55·6	49·1	45·9	60·3	·289	·279	66	81	WSW 3	WSW 3	3	2	—	
21	30·197	30·351	58·6	53·6	44·5	65·3	·319	·307	65	74	WSW 2	SW 2	1	1	—	
22	·476	·488	56·0	48·1	48·1	60·3	·321	·250	72	74	SSE 1	SSE 2	0	0	—	
23	·469	·380	55·1	47·6	43·5	59·0	·330	·284	77	87	ESE 2	ESE 1	1	0	—	
24	30·306	30·154	56·1	48·8	45·5	61·0	·317	·299	71	87	ESE 2	NE 2	0	10	·600	
25	29·045	29·910	50·6	48·1	46·7	55·8	·356	·323	97	96	SE 2	ENE 1	10	7	—	≋ *a.* and *p.*
26	·882	·890	49·9	48·1	47·7	55·3	·344	·323	96	96	N 2	N 2	10	10	—	
27	·867	29·917	55·6	49·6	47·6	58·1	·375	·322	85	91	N 4	N 2	0	2	—	
28	29·986	30·058	55·4	50·6	46·5	59·3	·339	·331	78	90	N 3	NNE 1	2	1	—	
29	30·138	·258	62·1	49·6	47·5	65·1	·365	·279	66	79	E 1	E 1	0	0	—	
30	·382	·393	59·1	56·6	46·5	65·4	·333	·277	67	61	ESE 1	SW 1	0	0	—	
31	30·370	30·318	67·0	54·6	54·5	70·8	·342	·342	51	80	N 1	N 1	0	1	—	
Means	30·068	30·084	53·8	49·0	44·7	58·4	·304	·276	73·7	79·5	2·4	1·7	5·1	3·8	1·170	

Observer remarks: Mean sea temperature 49°·0.

DOUGLAS, ISLE OF MAN.

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

MAY 1881.

Day.	Barometer at 32° and M. S. L. 9 a.m.	Barometer at 32° and M. S. L. 9 p.m.	Air Temperature. 9 a.m.	Air Temperature. 9 p.m.	Air Temperature. Min.	Air Temperature. Max.	Tension of Vapour. 9 a.m.	Tension of Vapour. 9 p.m.	Relative Humidity. 9 a.m.	Relative Humidity. 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	29·482	29·529	46·0	46·0	42·9	51·4	·287	·299	93	97	SSW 4	SW 2	10	10	·010	
2	29·660	29·909	47·0	41·3	41·3	57·0	·271	·195	85	75	NE 3	NE 3	8	4	—	
3	30·037	30·018	45·5	43·0	39·7	47·8	·216	·199	71	72	E 3	SSE 2	2	10	·280	
4	29·857	30·021	48·6	42·2	42·2	53·8	·323	·258	95	96	NW 4	WNW 1	8	3	·020	
5	30·026	29·941	46·5	48·9	39·0	49·0	·293	·343	93	100	S 5	SW 5	10	10	·640	☂ ● all day. Squally *p*.
6	·030	30·329	54·5	47·8	42·8	57·6	·329	·256	77	78	WSW 5	W 2	6	4	—	Squally *a*.
7	·523	·686	52·5	43·0	43·0	58·6	·272	·240	69	86	WNW 5	NW 1	2	3	—	
8	·695	·639	54·5	48·6	38·7	60·3	·297	·238	70	69	S 1	W 2	2	2	—	≋0 (mist) 9*a*.
9	·675	·695	52·0	48·4	38·5	57·0	·250	·225	65	66	E 3	NE 1	2	1	—	≋0 (mist) 9*a*.
10	·738	·699	47·0	41·0	40·6	52·8	·224	·235	70	92	SE 3	WNW 2	4	1	—	≋0 (mist) 9*a*. ☽2 at night.
11	·630	·547	52·2	47·9	32·0	61·1	·268	·229	69	69	W 1	WNW 2	2	10	—	⌊ 6*a*. ≋0 (mist) 9*a*.
12	·454	30·320	60·0	44·5	39·6	65·0	·250	·271	48	92	SW 2	NW 1	3	3	—	≋0 (mist) 9*a*. ☽2 9*p*.
13	30·171	29·946	52·5	51·3	36·5	65·0	·282	·301	71	79	W 3	W 3	2	10	—	
14	29·922	·823	53·2	47·2	46·7	55·0	·284	·315	70	98	WNW 2	Calm 0	7	10	·390	≋0 (mist) *p*.
15	·484	·015	48·8	47·0	45·2	52·3	·341	·311	98	97	S 4	WNW 4	10	10	·240	●2 ☂ *a*. Squally *p*. ● ☂ at night.
16	·454	·927	47·2	42·2	42·2	52·7	·273	·219	85	83	NW 6	W 1	8	2	·340	Squally ☂ *a*.
17	·678	·455	44·8	48·7	37·9	51·2	·291	·306	98	89	SSE 3	SW 2	10	8	·450	●2 ≋ 9.30*a*.—Noon.
18	·388	·387	52·2	47·5	47·0	54·8	·316	·299	81	91	SW 4	SW 5	3	10	·160	
19	·362	·475	50·4	48·0	45·3	53·2	·315	·302	87	91	SSW 4	SW 3	7	4	·100	
20	29·661	29·982	50·3	43·2	43·2	54·3	·295	·247	81	89	WSW 5	W 2	8	2	·235	Squally *a*.
21	30·188	30·330	53·0	48·2	36·3	55·0	·308	·328	76	98	S 3	SSW 2	4	2	—	☽2 9*p*.
22	·422	·382	54·6	54·8	44·8	65·7	·342	·323	80	76	ESE 3	E 3	2	1	—	☽2 ≋0 (mist) *a*. and *p*.
23	·368	·264	57·4	55·4	48·0	66·2	·260	·278	55	63	E 4	E 6	0	0	—	≋0 (mist) 9*a*. Squally ☂ *p*.
24	30·176	30·065	56·5	53·0	49·5	63·2	·304	·257	67	64	E 4	E 3	0	1	·020	≋0 (mist) 9*a*.
25	29·860	29·835	50·5	51·7	49·0	57·3	·328	·352	89	92	NE 4	NNW 1	10	3	—	
26	·877	·859	61·0	60·9	50·4	67·8	·376	·426	71	80	E 1	NE 4	8	9	·100	≋0 (mist) 9*a*. T ● *p*.
27	·853	29·915	58·2	54·2	53·8	65·5	·442	·412	91	98	SE 1	SW 2	8	10	·015	≋0 (mist) 9*a*. ⚢ 6*p*.—9*p*.
28	29·987	30·037	60·0	54·5	51·8	63·8	·453	·354	88	83	SE 1	SSW 2	8	7	—	≋2 till 6*a*. ≋0 (mist) 9*a*. ≋ *p*.
29	30·104	·215	62·8	57·8	48·6	71·0	·417	·369	73	77	W 1	W 2	2	2	—	≋0 (mist) 9*a*.
30	·367	·391	57·7	42·5	41·0	69·5	·248	·220	52	81	SE 2	Calm 0	1	0	—	☽ *a*. ≋0 (mist) 9*a*. ☽2 *p*.
31	30·387	30·343	63·5	51·0	41·2	71·8	·319	·326	55	87	SE 1	Calm 0	0	1	—	☽2 *a*. ≋0 (mist) 9*a*. ☽2 *p*.
Means	30·049	30·064	52·9	48·4	43·2	58·9	·306	·288	76·5	84·1	3·1	2·2	5·1	4·9	3·000	

WAKEFIELD.

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

MAY 1881.

1	29·529	29·585	53·2	44·4	43·9	58·4	·275	·254	68	87	WSW 2	WSW 2	3	4	—	Fine.
2	29·669	29·860	48·4	43·4	39·0	55·1	·281	·251	83	89	NNE 2	NE 3	6	10	·010	Fine to 4*p*. then dull.
3	30·018	30·083	43·2	43·0	35·9	48·9	·194	·194	69	70	N 4	ENE 3	7	2	—	Fine after 3.45*p*.
4	29·951	·933	42·2	46·0	38·2	55·0	·239	·276	89	90	S 1	W 1	10	3	·140	Fine after 5*p*.
5	30·108	·046	51·4	54·4	40·2	55·0	·273	·379	73	90	S 2	S 1	10	10	·020	Dull.
6	·061	·416	58·2	51·4	46·1	61·8	·388	·298	80	79	WSW 4	W 4	6	8	·010	Fine.
7	·535	·593	54·4	50·2	44·3	60·1	·261	·275	61	77	W 3	W 1	5	0	—	Fine and bright.
8	·627	·667	55·2	50·4	36·0	64·8	·260	·240	60	66	WNW 1	SE 2	0	0	—	Fine and bright.
9	·662	·717	52·0	41·9	35·5	57·0	·266	·207	69	79	N 3	NNE 2	3	2	—	Fine and bright.
10	·736	·681	44·4	44·7	39·8	54·6	·204	·237	70	80	N 2	ESE 2	9	0	—	
11	·624	·527	55·4	50·2	28·8	68·4	·268	·263	61	73	NNW 2	WNW 1	3	2	—	Fine.
12	·437	30·290	61·6	56·3	39·4	70·6	·283	·286	52	63	WNW 1	WSW 1	3	1	—	Fine and bright.
13	30·180	29·978	61·2	53·2	43·1	68·8	·269	·369	49	91	W 4	W 3	0	8	—	Fine and bright.
14	29·948	·860	52·0	52·6	48·9	56·8	·309	·338	80	85	SW 2	WSW 2	10	3	·050	Dull.
15	·644	·244	54·6	51·0	50·5	60·0	·352	·255	82	68	WSW 3	SSW 3	10	5	·030	
16	·307	·901	48·2	46·4	46·1	54·3	·262	·275	78	88	W 3	W 2	8	5	—	
17	·846	·503	47·8	55·2	38·0	58·0	·267	·286	80	89	SSW 1	W 2	10	5	·060	
18	·517	·478	54·8	52·0	44·2	61·8	·351	·296	81	76	W 2	SW 1	10	2	·010	
19	·446	29·577	53·2	51·2	45·7	62·2	·321	·356	79	95	SW 3	WSW 1	4	2	—	
20	29·718	30·003	55·2	50·8	48·1	61·2	·416	·330	96	88	WSW 1	WSW 2	4	1	—	
21	30·230	·368	58·0	50·2	41·4	66·0	·385	·331	80	92	WSW 2	N 2	4	0	—	
22	·453	·481	63·8	56·2	38·8	71·0	·491	·424	83	94	S 2	ESE 2	0	0	—	Fine and bright.
23	·425	·330	51·9	53·6	37·8	69·5	·357	·397	93	97	N 2	NE 3	8	0	—	Fine after 10*a*.
24	30·230	30·093	62·0	54·8	43·1	66·0	·491	·307	89	72	ESE 4	NE 1	0	10	·110	Fine and bright.
25	29·904	29·865	51·4	57·6	46·6	68·3	·374	·427	98	89	ENE 1	ENE 2	10	10	·020	Fine.
26	·857	·873	56·2	52·4	51·7	63·8	·412	·379	91	96	N 2	N 2	10	6	·280	
27	·848	29·897	58·2	60·1	50·1	72·9	·416	·480	85	92	N 2	NE 2	5	2	—	Fine and bright.
28	29·981	30·068	64·9	59·2	53·2	75·2	·529	·494	87	98	N 2	ENE 2	3	2	—	Fine and bright.
29	30·120	·240	62·0	54·4	46·1	74·9	·539	·416	97	98	NE 2	ENE 3	1	2	—	Fine and bright.
30	·372	·405	60·2	61·2	35·4	73·3	·479	·531	92	98	ENE 2	SE 2	0	0	—	Fine and bright.
31	30·379	30·302	70·0	63·4	43·1	80·8	·682	·562	93	97	WSW 2	NW 1	0	2	—	Fine and bright.
Means	30·076	30·096	55·0	52·0	42·5	63·7	·351	·339	79·0	85·4	2·2	2·0	5·2	3·5	0·740	

NOTE.—The values of Vapour Tension and Humidity must be received with caution as the difference between the readings of the dry-bulb and wet-bulb is, on several occasions, suspiciously small. Observer, however, believes the readings to be correct.

LLANDUDNO.

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

MAY 1881.

Day.	Barometer at 32° and M. S. L. 9 a.m.	Barometer at 32° and M. S. L. 9 p.m.	Air Temperature. 9 a.m.	Air Temperature. 9 p.m.	Air Temperature. Min.	Air Temperature. Max.	Tension of Vapour. 9 a.m.	Tension of Vapour. 9 p.m.	Relative Humidity. 9 a.m.	Relative Humidity. 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	29·513	29·554	51·0	48·0	45·8	53·4	·278	·274	81	83	W 2	W 1	5	9	—	
2	29·653	29·853	54·4	47·2	46·0	54·8	·305	·273	72	85	N 1	NE 2	2	10	—	Very fine. ∞ *p*.
3	30·041	30·047	46·5	44·4	41·0	49·2	·194	·220	62	75	E 1	E 1	2	9	·110	Very fine.
4	29·898	·041	48·9	47·5	43·8	56·0	·308	·269	90	83	W 1	W 1	10	2	—	Dull and damp *a*. Fine *p*.
5	30·088	·013	51·5	52·5	46·0	52·5	·253	·360	67	91	W 2	W 1	10	10	·360	
6	·089	·352	50·5	50·0	49·5	60·0	·355	·299	97	81	SSW 1	W 1	10	0	—	Damp *a*. Very fine *p*.
7	·589	·683	55·0	49·7	46·5	60·0	·308	·276	72	78	W 1	NW 1	1	0	—	Very fine.
8	·705	·649	57·5	47·8	43·0	57·9	·366	·249	78	75	NE 0·6	N 0·6	0	0	—	Very fine. ≋0 (mist) 9*p*.
9	·637	·683	53·5	50·0	41·2	57·0	·281	·244	69	68	N 1	NE 2	0	0	—	Very fine with ∞. Biting wind.
10	·739	·689	46·0	46·0	39·4	50·6	·199	·255	65	83	E 3	E 1	0	0	—	Very fine with ∞. Biting wind.
11	·637	·545	54·6	51·0	38·0	57·0	·277	·232	66	62	W 1	N 1	0	0	—	Very fine with ∞.
12	·468	·330	59·1	55·1	41·8	64·6	·348	·259	70	60	NW 0·6	NW 0·6	0	0	—	Very fine.
13	30·204	30·003	57·0	51·5	45·5	61·3	·328	·295	70	78	E 3	W 2	3	10	·170	Very fine with ∞2.
14	29·945	29·834	51·0	50·6	48·8	54·4	·348	·353	93	96	W 0·6	W 0·6	10	10	·420	
15	·532	·152	54·0	50·4	46·6	56·8	·298	·281	71	78	SW 3	SW 8	10	10	·130	Squally ☂ *p*.
16	·459	·894	47·3	44·7	40·0	54·4	·272	·227	84	77	WNW 2	NW 2	10	1	·040	Fine but windy.
17	·632	·520	54·2	50·0	39·0	55·0	·309	·209	73	86	SSW 3	SW 5	10	10	·315	Squally 9*p*.
18	·439	·437	54·0	50·4	47·7	57·4	·329	·261	78	72	SW 2	SW 1·6	7	6	·030	Very fine and mild.
19	·407	29·500	54·3	51·0	47·0	58·0	·286	·298	68	80	SW 3·6	SW 6	2	8	—	Squally before 9*a*. Very fine and mild.
20	29·747	30·000	51·8	51·2	48·0	59·0	·318	·289	82	77	W 3	W 2	2	9	—	Very fine and mild.
21	30·219	·373	57·8	51·7	47·0	59·9	·327	·315	69	82	W 1·6	W 0·2	1	0	—	Very fine and mild.
22	·420	·365	63·7	54·2	46·9	64·5	·344	·329	58	78	W 0·4	W 0·2	1	0	—	Very fine and warm.
23	·318	·223	57·0	59·0	46·8	69·8	·328	·296	70	59	ENE 2·6	E 2	1	0	—	Very fine and warm.
24	30·130	30·010	58·6	55·7	49·9	64·3	·333	·299	68	68	E 3	SE 4	0	4	·138	Very fine and warm.
25	29·818	29·815	51·0	54·0	50·3	58·1	·348	·340	93	81	E 1	E 0·6	10	5	·120	
26	·856	·831	59·0	57·2	51·3	64·2	·430	·441	87	94	E 0·6	NW 0·6	10	10	1·615	⚢2 ●2 6*p*. and 7*p*. (1·180 in. fell in [25 minutes). Man driving a [carriage killed by the ∢.
27	·847	29·953	54·5	54·0	53·0	60·5	·416	·391	98	94	NW 1	W 0·6	10	10	·030	Dull, calm, and mild.
28	29·996	30·074	60·4	54·7	52·2	62·0	·441	·407	85	95	W 1	W 0·6	8	2	·258	T ● late *p*.
29	30·107	·207	53·1	54·1	50·0	60·0	·386	·373	96	89	NE 0·6	NE 0·6	10	0	—	Sea ≋ *a*.
30	·339	·385	57·8	52·9	44·8	61·0	·311	·305	65	76	NE 1	NE 1	0	0	—	Very fine.
31	30·385	30·338	69·3	57·3	52·2	71·8	·386	·334	54	71	S 0·6	N 0·6	0	0	—	Very fine and warm.
Means	30·060	30·076	54·7	51·4	46·1	58·9	·323	·301	75·8	79·2	1·6	1·7	4·7	4·2	3·736	

BUXTON.

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

MAY 1881.

1	29·624	29·648	46·6	45·0	39·0	55·0	·233	·258	74	86	W 4	W 2	7	6	—	Fine and mild. Cuckoo heard.
2	29·685	29·917	50·7	40·2	37·8	53·2	·270	·213	74	86	SE 3	E 2	8	10	—	Dull.
3	30·049	30·161	41·4	34·7	31·9	47·9	·170	·154	65	76	NE 3	SE 1	6	5	·150	Dull.
4	·050	·086	39·4	43·9	32·4	51·3	·223	·276	93	97	SW 2	NW 2	10	6	·170	
5	·169	·111	48·6	49·4	38·8	51·5	·250	·331	73	94	W 3	NW 3	7	10	·290	Dull and warm.
6	·138	·390	53·4	48·4	47·6	55·8	·366	·288	89	85	W 4	W 1	8	2	·100	Box in flower.
7	·580	·710	52·1	45·1	41·9	57·9	·257	·255	67	85	NW 2	NW 1	6	0	—	Fair and warm.
8	·707	·711	55·6	44·3	33·8	62·1	·235	·232	54	80	NW 2	NW 1	0	6	—	Fair and warm.
9	·695	·741	49·9	37·3	33·3	56·3	·221	·203	62	91	E 1	E 1	7	1	—	Swallows seen. Ш *p*.
10	·768	·774	39·6	37·1	33·6	52·5	·179	·184	73	84	E 1	W 1	9	0	—	
11	·664	·598	54·7	45·4	27·7	58·7	·231	·237	54	79	NW 2	NW 1	5	5	—	
12	·484	·372	62·5	51·1	35·4	65·3	·204	·248	52	67	NW 2	NW 2	5	1	—	∞. Very warm and close *a*.
13	·240	30·060	59·1	45·4	41·2	67·3	·262	·262	52	87	NW 1	NW 2	3	5	—	
14	30·013	29·938	48·4	48·3	41·9	55·2	·312	·308	92	92	NW 4	SW 3	10	10	·480	
15	29·724	·363	48·3	45·4	44·9	57·2	·304	·241	90	80	SW 4	SW 5	10	7	·480	Dull and warm.
16	·420	·979	43·1	41·6	40·3	50·6	·269	·227	97	87	NW 3	NW 4	10	3	·140	
17	·914	·586	40·7	50·6	33·5	51·7	·237	·351	93	95	SW 2	NW 6	10	10	1·070	Dull and warm, with ☂.
18	·533	·569	50·9	46·3	45·9	57·2	·274	·242	74	78	WNW 6	NW 2	7	3	·170	
19	·516	29·635	48·3	46·5	41·9	56·7	·292	·274	87	88	W 4	W 5	7	3	·030	
20	29·792	30·072	52·5	44·0	43·9	56·2	·250	·245	64	83	W 5	NW 4	6	0	·150	☂ ● ⚢ ▲
21	30·275	·436	52·9	45·5	40·0	62·1	·260	·290	66	96	W 3	W 1	6	2	—	Fine and warm.
22	·472	·495	61·2	48·4	34·8	66·5	·257	·303	47	89	S 2	SE 2	3	0	—	Hawthorn in flower.
23	·432	·337	53·9	50·4	43·6	66·3	·299	·284	72	79	SE 2	SE 3	0	0	—	
24	30·227	30·118	59·5	49·3	42·9	62·6	·295	·284	58	82	SE 3	E 4	1	7	·200	Fine and warm.
25	29·922	29·912	51·4	56·6	45·4	66·5	·339	·385	89	84	SE 2	E 1	8	9	·045	Fine and warm.
26	·925	·847	51·4	55·4	51·4	68·3	·333	·367	88	84	E 2	E 2	6	10	·700	Dull and warm. ● ⚢
27	29·897	29·976	55·7	56·6	51·9	65·1	·412	·409	93	88	E 1	SW 1	10	8	—	● ⚢ before 9*a*.
28	30·019	30·082	60·8	55·4	51·6	72·7	·436	·409	82	93	NW 2	NW 1	4	5	—	≋ 9*a*. Very close and warm.
29	·140	·300	59·9	47·9	43·6	67·8	·413	·273	81	83	SW 2	E 1	7	1	—	
30	·372	·470	62·2	49·6	34·0	69·1	·295	·281	52	80	E 2	SE 2	0	0	—	≋ ∞ 9*a*. Fine and warm.
31	30·417	30·409	70·2	59·3	37·4	75·2	·333	·373	45	75	E 1	E 1	0	0	—	Fine and very warm.
Means	30·125	30·155	52·4	47·3	40·1	60·1	·284	·280	72·6	84·9	2·6	2·2	6·0	4·4	4·175	

Hillington, Norfolk.

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

MAY 1881.

Day.	Barometer at 32° and M.S.L. 9 a.m.	Barometer 9 p.m.	Air Temperature. 9 a.m.	9 p.m.	Min.	Max.	Tension of Vapour. 9 a.m.	9 p.m.	Relative Humidity. 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	29·634	29·628	52·5	49·9	40·9	59·7	·298	·323	76	91	SW 5	SW 4	7	10	·008	
2	·647	29·777	53·2	42·7	40·1	56·5	·313	·252	77	91	N 5	NE 4	10	10	—	
3	29·940	30·082	42·6	35·3	35·3	48·1	·184	·176	68	86	NNE 4	NE 0·5	10	0	—	
4	30·040	29·992	48·7	44·9	26·1	53·7	·212	·249	62	84	S 4	WNW 1	7	0	·070	⊔ a. ●² Noon—1.30p. [⌓ 9p.
5	·154	30·122	54·7	52·5	33·1	59·4	·301	·339	70	86	SW 1	W 2	5	10	·060	⊔ a. ●² 4p.—7p. T 4p.
6	·165	·335	57·9	46·8	46·8	66·3	·377	·318	79	99	W 5	SW 0·5	10	5	—	⌓² 9p.
7	·553	·628	56·7	47·9	43·2	65·2	·290	·240	63	73	NW 2	N 0·5	5	0	—	Very fine and sunny. ⌓ 9p.
8	·651	·641	57·7	40·8	37·5	60·7	·304	·231	64	92	NE 2	NE 2	0	0	—	Very fine and sunny. ⌓ 9p.
9	·623	·604	50·2	41·2	34·4	52·7	·259	·212	72	82	NE 3	NE 2	7	10	·032	⊔ early a.
10	·673	·688	46·9	37·5	37·4	54·3	·234	·203	74	91	NE 2	NE 0·5	9	0	—	⌓ 9p. ⌓ 9p.
11	·642	·519	46·9	39·7	27·1	60·3	·225	·203	71	83	NE 1	NE 1	10	9	—	⊔ before 9a. Very fine day. Milder.
12	·447	30·309	52·2	48·4	31·2	67·3	·278	·254	72	75	Calm 0	SE 0·5	10	3	—	⌓ 9p.
13	30·192	29·973	57·8	53·7	41·1	73·4	·311	·265	65	65	WNW 1	SW 0·5	10	9	—	Very fine and sunny. ⌓ 9p.
14	29·967	·901	57·9	54·8	41·0	64·2	·328	·293	68	69	SW 2	WSW 1	10	10	·002	
15	·771	·331	56·5	49·1	47·4	62·2	·329	·305	72	88	SW 5	W 4	10	9	·037	Magnificent double ⌒² 7.15p.
16	·339	·867	51·0	42·6	42·1	53·5	·289	·206	78	76	NW 6	N 1	10	2	—	Cold and blustering.
17	·959	·614	49·9	52·8	39·1	57·4	·243	·364	68	91	S 3	SW 6	10	10	·210	
18	·541	·563	53·9	51·6	51·1	60·7	·357	·333	86	87	SW 2	SSW 5	10	9	·070	
19	·553	29·657	55·1	50·4	43·0	63·2	·309	·309	72	85	SW 5	SW 3	7	9	·003	⌓⁰ 9p.
20	29·818	30·017	55·6	49·3	45·0	63·3	·294	·247	67	71	W 4	W 1	6	1	·017	Distant ☇ 2p. T 2p.-4p. ▲ 4.10p.
21	30·259	·394	59·2	52·1	36·1	69·5	·329	·300	65	77	NW 1	NE 0·5	3	0	—	⊔ before 9a. ⌓ 9a. and 9p. Much
22	·494	·427	64·9	46·2	46·0	69·4	·319	·277	51	90	SE 3	E 3	0	0	—	Very fine and sunny. ⌓ 9p. [Cir. p.
23	·366	·271	63·5	52·4	43·2	71·6	·377	·323	64	82	SE 4	SE 4	0	0	—	Very fine and sunny. ⌓ 9p.
24	30·200	30·012	61·9	51·0	46·9	64·6	·295	·340	52	91	E 5	ENE 4	0	10	·002	Very fine and sunny. Much Cir. p.
25	29·883	29·829	65·8	58·4	47·1	72·5	·428	·412	68	84	E 3	ESE 2	2	10	—	Very fine and sunny.
26	·799	·798	63·8	54·5	50·6	74·6	·447	·396	75	94	NE 1	NE 0·5	7	10	·088	Hot a. T 2p.-4p. ●² 7p.
27	·815	·877	59·6	51·2	50·9	69·5	·415	·369	81	98	NNW 1	N 1	10	10	—	T 2p.-4p. ≋⁰ (mist) ∞ p. ⌓ 9p.
28	29·926	29·990	57·4	51·1	49·1	68·5	·382	·316	81	84	NE 3	NE 2	8	6	—	⌓ 9p.
29	30·056	30·182	69·6	47·3	47·3	74·6	·415	·295	57	91	ESE 4	NE 1	6	0	—	⌓ 9p. Much Cir. p.
30	·305	·376	69·9	50·9	43·2	74·5	·357	·249	49	68	E 2	E 1	0	0	—	Bright and hot.
31	30·350	30·336	69·2	54·9	39·2	81·3	·330	·330	46	77	NNE 1	E 1	0	0	—	Bright and hot.
Means	30·089	30·088	56·9	48·4	41·4	64·3	·317	·288	68·2	83·9	2·9	1·9	6·4	5·2	0·599	

Uppingham.

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

MAY 1881.

Day.	Barometer 9 a.m.	Barometer 9 p.m.	Air Temp. 9 a.m.	9 p.m.	Min.	Max.	Tension 9 a.m.	9 p.m.	Humidity 9 a.m.	9 p.m.	Wind 9 a.m.	Wind 9 p.m.	Cloud 9 a.m.	9 p.m.	Rain 9 a.m.	Remarks.
1	29·613	29·620	50·1	46·4	38·9	57·7	·266	·284	74	91	SW 4	SW 2	9	7	—	≋⁰ (mist) 9p.
2	·626	29·810	52·8	41·8	41·5	54·0	·348	·242	87	92	E 1	NNE 2	10	10	·121	Dull all day.
3	29·969	30·103	43·3	35·9	35·6	47·9	·186	·190	66	90	N by E 3	Calm 0	8	0	—	Cloudless from 6p.
4	30·014	·034	45·9	45·2	31·4	55·6	·240	·249	78	83	S by W 3	WNW 1	10	4	·138	⊔ 5a. ● 9.30a.—noon.
5	·161	·136	51·2	51·0	37·8	58·5	·292	·313	78	84	WSW 1	S 4	10	10	·010	Mackerel sky a.
6	·157	·363	56·0	51·2	50·1	62·5	·378	·307	8[illegible]	81	SSW 5	W by S 1	10	3	—	⟋ with squalls during day. ∞ p.
7	·567	·649	54·9	49·3	43·2	63·9	·320	·242	74	69	NW by N 3	NW by N 1	4	0	—	Wind backing a. Bright 4p. ∞.
8	·660	·657	56·0	44·6	42·0	68·1	·293	·245	65	83	NNE 1	ENE 1	0	0	—	∞⁰ a. Cloudless day. Cold wind.
9	·626	·659	53·0	40·1	40·1	59·7	·297	·206	74	83	NE 3	NNE 1	7	6	—	Bright day, with fresh, keen wind.
10	·685	·697	45·0	37·5	37·1	53·1	·224	·205	75	92	NNE 2	NE 1	10	0	—	Overcast till 1p. ∞⁰ 9p.
11	·640	·531	48·0	45·6	31·9	67·2	·253	·240	76	79	WSW 1	Calm 0	10	8	—	⊔ early a. ∞⁰ a. [4p.
12	·452	·320	55·2	54·4	37·4	71·5	·279	·283	64	67	Calm 0	Calm 0	10	8	—	Very hot and close. Ugly looking from
13	30·201	30·011	61·2	56·0	42·6	71·7	·354	·289	66	64	Calm 0	NW b. W 1	0	8	—	Cloudless, with ∞ a. Hot day.
14	29·979	29·917	57·1	51·0	41·8	61·3	·368	·313	79	84	SSW 3	SSW 1	10	10	—	
15	·742	·449	53·1	48·2	47·2	58·9	·346	·272	85	82	S 5	SW by S 7	10	8	·025	⟋ with squalls a. and p.
16	·373	·909	47·5	42·0	41·8	52·2	·274	·258	83	97	W by N 5	WNW 1	10	2	·047	
17	·924	·610	48·1	52·8	34·1	53·5	·277	·374	83	93	S 5	SSW 6	10	10	·169	⟋ ●
18	·537	·555	52·2	49·0	49·0	57·9	·345	·261	89	75	WSW 3	SSW 2	10	8	·044	
19	·519	29·638	52·6	49·2	45·3	61·4	·303	·294	76	84	SW 5	SSW 3	7	4	—	⟋ (force 6) a.
20	29·805	30·028	55·0	47·1	42·7	61·0	·307	·274	71	85	SW b. W 5	WSW 1	9	1	—	
21	30·264	·385	57·4	53·3	40·3	67·5	·370	·287	78	70	W by N 1	Calm 0	3	0	—	Bright warm day. [backing.
22	·470	·425	62·9	50·1	41·8	73·1	·353	·252	62	69	SSE 2	E 1	0	0	—	Cloudless day. Wind cold, and slowly
23	·350	·266	62·3	52·1	42·6	76·6	·415	·324	74	83	ENE 2	NE 2	0	0	—	∞⁰ a. and p. Cloudless day, with [fresh wind.
24	30·167	30·032	65·1	49·5	44·2	72·4	·337	·315	54	89	E by N 3	NE by E 2	0	9	—	∞ on horizon a. Day bright and clear.
25	29·870	29·826	59·6	59·2	49·1	75·6	·395	·452	78	91	ESE 1	SE 1	7	10	—	Hot at night, with fog stratus.
26	·822	·811	57·2	56·0	51·7	73·6	·409	·419	87	93	Calm 0	NNE 1	10	10	·318	∞ a. ☇ ●² 3p.—4p.
27	·827	29·881	55·9	61·1	50·8	68·0	·416	·492	94	91	NNW 1	NNW 1	10	10	—	Dull and gloomy a, with ≋⁰ or ∞².
28	29·931	30·008	62·3	54·5	48·7	75·4	·423	·376	75	89	N by W 2	NE 1	8	1	·049	●² 11.30a. Bright after 3p.
29	30·063	·199	59·1	48·3	47·0	74·2	·435	·314	87	93	NE 2	NE by N 1	10	2	—	
30	·311	·391	64·0	53·6	42·4	77·6	·406	·289	68	70	E 1	NE 1	0	0	—	⌓² 6a. Cloudless all day.
31	30·384	30·305	69·9	62·3	46·7	81·9	·415	·367	56	66	NNW 1	Calm 0	0	0	—	Clear, bright, and very hot. Wind [backing and dying down. ∞² [on horizon p.
Means	30·087	30·104	55·3	49·6	42·5	65·0	·333	·298	75·5	82·6	2·4	1·5	6·8	4·8	0·921	

Churchstoke.

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

MAY 1881.

Day.	Barometer at 32° and M.S.L. 9 a.m.	Barometer 9 p.m.	Air Temperature. 9 a.m.	9 p.m.	Min.	Max.	Tension of Vapour. 9 a.m.	9 p.m.	Relative Humidity. 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	29·604	29·635	51·7	45·8	42·1	54·6	·243	·284	64	93	W 5	W 1	5	10	·082	
2	29·668	29·874	49·2	45·8	43·2	57·5	·283	·264	82	86	WSW 0·5	NE 2	8	10	·020	
3	30·031	30·085	43·9	42·2	38·0	52·2	·184	·200	64	76	NE 2	SE 1	5	1	·030	
4	29·949	·082	47·3	43·9	39·8	56·2	·302	·260	93	91	SSW 2	SW 1	10	2	—	⌓ a.
5	30·165	·128	50·1	52·0	37·1	57·3	·262	·356	73	92	SW 1	SW 3	10	10	·010	
6	·162	·407	52·4	48·8	47·1	59·7	·377	·286	96	83	SW 2	SW 1	10	2	·017	
7	·633	·704	54·2	44·8	40·1	62·9	·331	·234	78	78	W 3	NW 1	1	0	—	⌓ a. Bright and clear.
8	·716	·679	53·9	43·6	34·2	61·7	·268	·231	65	81	Calm 0	Calm 0	0	0	—	⌓ a.
9	·671	·686	52·6	46·2	33·8	61·2	·270	·204	69	66	E 1	ENE 1	1	0	—	⌓ a.
10	·743	·715	39·8	40·0	30·5	51·7	·169	·198	69	80	NE 3	Calm 0	8	0	—	⊔ a. Cold dry wind.
11	·672	·578	50·9	43·4	29·8	62·7	·243	·217	66	77	N 0·5	N 1	0	0	—	⊔ a. ∞ 9p.
12	·477	·349	53·4	46·3	36·1	67·7	·234	·258	57	83	NW 1	Calm 0	1	0	—	⌓ a. Still and clear, with hot sun.
13	·219	30·093	59·0	47·6	37·4	69·6	·287	·264	57	81	NNW 1	W 3	0	9	—	⌓ a. Still and clear, with hot sun.
14	30·013	29·937	50·5	51·0	46·8	56·1	·325	·312	89	84	W 2	WSW 0·5	10	10	·045	
15	29·702	·328	50·7	46·0	45·6	59·9	·325	·268	88	87	SW 3	SW 7	10	10	·240	● ⟋ in squalls p.
16	·461	·983	46·8	39·4	39·0	54·9	·275	·208	86	87	W 6	W 0·5	8	2	·015	⟋ ● a.
17	·851	·612	45·8	53·5	34·1	55·6	·265	·401	86	98	SW 5	SW 2	10	10	·228	⟋ ● a.
18	·520	·540	53·7	46·8	46·1	61·2	·319	·266	77	84	SW 5	SW 3	10	3	·068	⟋ a. Mild. ●² showers.
19	·481	29·632	53·4	48·9	43·8	59·9	·281	·278	69	81	SW 6	SW 2	6	9	·030	
20	29·797	30·050	53·1	46·9	45·1	58·3	·254	·237	64	75	WSW 6	W 2	5	2	—	
21	30·265	·390	52·9	48·9	41·6	64·3	·259	·256	66	75	SW 1	SW 1	5	0	—	Bright and hot.
22	·441	·381	60·8	57·3	38·1	67·5	·312	·269	59	58	SE 1	SE 2	1	0	—	Bright and clear.
23	·321	·223	54·4	57·6	38·2	70·7	·309	·261	73	56	NNW 1	ENE 1	2	0	—	Bright and clear.
24	30·116	30·030	61·0	54·0	41·8	66·7	·281	·251	52	60	E 4	Calm 0	0	1	—	Distant T. Bright and clear.
25	29·885	29·822	50·0	57·1	43·7	67·8	·340	·336	94	72	Calm 0	SE 1	10	9	—	≋ ∞
26	·858	·873	60·2	54·9	44·8	67·1	·428	·407	83	95	N 1	Calm 0	7	10	·202	≋⁰ (mist) 9a. and 9p.
27	29·868	29·958	53·6	55·2	52·4	63·2	·397	·394	97	91	W 0·5	Calm 0	10	8	·011	≋⁰ (mist) 9a. and before.
28	30·008	30·049	58·0	56·3	53·1	70·8	·421	·415	87	91	W 0·5	W 1	10	10	·250	● with distant T. ☇ 6.30p. Wind [veered to N. with ●² at 7.30p.
29	·092	·222	54·9	54·2	52·1	64·9	·393	·309	92	73	NNW 2	E 1	10	1	·353	≋⁰ or ∞ 9a.
30	·307	·391	54·2	55·1	37·8	70·6	·327	·357	77	82	NNW 1	SE 0·5	0	0	—	∞
31	30·412	30·372	66·0	59·1	43·2	76·7	·378	·358	60	72	SE 1	NNW 0·5	0	0	—	Very hot. ∞.
Means	30·100	30·123	52·9	49·4	41·2	62·3	·301	·285	75·2	80·3	2·2	1·3	5·6	4·2	1·601	

Geldeston.

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

MAY 1881.

Day.	Barometer 9 a.m.	Barometer 9 p.m.	Air Temp. 9 a.m.	9 p.m.	Min.	Max.	Tension 9 a.m.	9 p.m.	Humidity 9 a.m.	9 p.m.	Wind 9 a.m.	Wind 9 p.m.	Cloud 9 a.m.	9 p.m.	Rain 9 a.m.	Remarks.
1	29·674	29·666	51·9	49·0	42·0	58·4	·269	·300	70	87	WSW 4	SW 2	4	10	·030	⌓ 9a. Mares' tails a.
2	·656	29·763	53·0	44·0	43·4	55·3	·299	·265	74	92	NNE 1	NNE 3	10	10	—	Coloured ○⁰ 9a. ≋⁰ p.
3	29·910	30·070	46·8	38·6	38·1	46·8	·208	·199	65	85	NNE 3	NW 1	10	2	·010	⌓² 10.40p.
4	30·081	·016	46·0	44·1	29·8	53·5	·190	·264	61	91	S 1	W 1	7	0	·010	⌓ 9a. and 9p.
5	·164	·163	53·4	54·1	37·3	59·3	·253	·285	62	69	W 2	SW 2	1	10	—	⌓⁰ 9a. Coloured ○ 2.35p.
6	·201	·344	60·0	57·3	49·3	68·2	·344	·394	66	83	WSW 4	W 2	9	10	—	○⁰ 8a. and 9a. ⌓⁰ ⊍ ⋓ 10.35p.
7	·539	·624	60·1	45·4	45·2	66·4	·275	·249	54	83	NNW 2	S 1	0	0	—	⌓⁰ 9a. ⌓ 9p.
8	·633	·627	56·5	43·1	38·9	58·6	·267	·239	58	85	NNE 2	N 1	0	0	—	⌓⁰ 9a. ⌓ 9p.
9	·584	·582	49·0	42·9	39·2	52·5	·233	·184	67	68	N 4	NNE 4	7	10	·010	
10	·635	·660	46·7	40·3	38·9	50·6	·200	·217	63	88	NE 4	NNE 2	3	3	—	⌓⁰ 9p. [all day. ⌓ 9p.
11	·636	·518	45·3	39·0	30·0	51·1	·212	·210	70	89	NNE 2	ENE 1	10	1	—	○⁰ 11.30a. ○² Noon. ○ seen nearly
12	·448	·340	52·9	45·5	33·2	57·7	·255	·268	63	88	E 2	E 2	8	9	—	○⁰ 9a. ○² 11.20a. ⌓ 9p.
13	30·216	30·015	57·1	51·9	40·5	67·9	·270	·303	59	79	SW 2	S 2	5	0	—	∞⁰ p. ⌓ 9p.
14	29·975	29·924	56·8	56·9	41·9	64·8	·285	·283	62	62	W 3	W 2	8	4	—	○⁰ 11.45a. Wind E. 7.40p. ⌓⁰.
15	·801	·515	55·9	56·0	49·4	63·8	·296	·313	65	69	WSW 3	SW 6	10	10	—	○⁰ 10.50a. ⟋ p.
16	·362	·863	53·0	43·1	43·0	56·4	·277	·231	69	82	W 6	NNW 2	10	0	—	Squally ⟋ during day. ⌓⁰ 9p
17	·996	·686	50·7	52·4	38·2	58·8	·235	·353	63	90	SW 2	SW 6	10	10	·090	○ 9a. ○⁰ Noon. ⟋ p.
18	·575	·617	55·0	50·6	50·2	62·0	·400	·338	92	92	SW 4	SW 3	10	10	·320	●² 1p. ⌒² 7.45p.
19	·588	29·699	55·0	52·2	48·8	61·8	·282	·306	66	78	SW 4	WSW 2	6	10	·030	Squally p. Magnificent ⌒² (3 bows [and "I think a fourth") 6.10p.
20	29·846	30·020	55·6	52·1	46·0	62·9	·296	·267	67	69	WSW 3	WSW 1	5	0	—	
21	30·257	·412	57·7	47·8	41·0	65·7	·296	·288	62	87	WNW 2	ESE 1	0	0	—	⌓ 9a. and 9p.
22	·503	·411	59·1	49·0	35·0	61·5	·305	·276	61	79	E 2	E 3	0	0	—	⌓⁰ 9a. Brilliant day.
23	·368	30·263	60·1	54·1	47·5	64·1	·356	·311	69	75	E 3	ENE 5	0	0	—	⌓⁰ 9a. Brilliant day.
24	30·185	29·997	56·1	50·8	49·8	59·6	·294	·351	65	94	E 5	NE 2	0	10	·090	
25	29·888	·830	59·2	55·2	46·1	63·8	·397	·390	79	90	ESE 2	ENE 1	1	9	—	∞⁰ 9.35a. ○ 2.15p. <⁰ after 9p.
26	·782	·789	67·2	55·9	50·0	72·4	·451	·407	67	92	NE 1	NE 1	9	10	·200	○⁰ 2.50p. < T⁰ ●² between 9p. and [10p.
27	·793	·846	66·1	57·1	54·4	73·5	·492	·424	77	90	WNW 1	NNE 1	1	9	·090	T p. ⌓⁰ 9p.
28	29·889	29·977	59·7	53·0	49·8	63·8	·416	·371	82	92	NNE 2	NE 1	9	10	·130	⌒⁰ 8p. T [Mares' tails 9p. ⌓ p.
29	30·062	30·173	60·2	49·7	49·3	62·9	·335	·312	64	88	E 3	NE 1	1	0	—	○⁰ 9.30a. ○² all day from 11a.
30	·303	·371	61·7	51·1	48·7	64·9	·326	·237	59	64	E 2	NNE 1	0	0	—	⌓⁰ 9a. Brilliant day.
31	30·363	30·291	68·6	57·2	41·7	78·1	·312	·450	45	96	NNE 2	ENE 1	0	1	—	⌓⁰ on grass, but air very dry 9a. [⌓⁰ 9p.
Means	30·094	30·099	56·0	49·7	43·1	61·5	·301	·300	66·0	83·1	2·7	2·1	5·0	5·1	1·010	

CHELTENHAM.

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

MAY 1881.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	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	29·641	29·636	52·0	47·8	43·5	58·0	·283	·301	73	91	SW 3	SW 2	6	5	·020	
2	·625	29·850	51·7	44·2	42·2	57·0	·316	·250	83	86	Calm 0	NE 1	6	6	—	Fine.
3	29·994	30·081	45·1	42·1	40·8	52·0	·211	·203	71	76	NE 1	S 1	6	0	·050	Fine.
4	30·001	·075	45·5	49·6	39·5	60·0	·286	·296	95	83	S 1	W 1	10	6	·040	
5	·173	·178	53·8	52·1	34·5	57·4	·304	·357	73	91	W 2	W 2	9	10	·010	Fine.
6	·181	·405	54·0	51·1	50·5	62·2	·374	·327	90	86	SW 2	SW 1	10	6	—	Fine.
7	·546	·660	55·0	52·0	37·5	66·9	·302	·269	70	70	SW 1	NE 1	1	1	—	Fine. Ⓤ.
8	·673	·610	58·0	52·6	33·1	65·8	·296	·265	61	67	NE 1	SE 1	0	1	—	Bright and fine.
9	·634	·628	54·9	47·5	33·6	61·0	·281	·238	65	73	N 1	NE 1	5	1	—	Bright and fine.
10	·688	·674	43·6	38·0	35·4	54·0	·212	·192	75	84	NE 3	NE 1	8	0	—	Bright and fine. Whitethorn in bloom.
11	·647	·523	48·4	48·8	26·4	64·0	·243	·256	72	74	SW 1	SW 1	2	2	—	Bright and fine.
12	·463	·324	51·7	54·8	36·2	69·5	·258	·306	68	72	Calm 0	N 1	4	8	—	≋ 0 (mist) 9a. Close and oppressive.
13	·218	30·050	60·5	53·8	33·5	71·0	·446	·259	85	63	NW 1	SW 1	0	6	—	Close and oppressive.
14	30·004	29·856	55·7	50·7	41·5	61·3	·329	·325	75	88	W 2	NW 1	8	10	—	Dull a.
15	29·725	·472	54·8	48·6	48·2	59·5	·342	·303	80	89	S 2	SW 4	10	8	·010	
16	·473	·951	50·3	40·2	39·9	57·6	·330	·228	91	92	W 6	NW 1	6	3	·030	Squally 9a.
17	·933	·676	51·4	53·5	30·5	57·5	·305	·396	81	97	SW 2	S 3	10	10	·290	● showers all day.
18	·575	·578	51·4	51·1	50·6	58·0	·349	·330	92	88	SW 1	SW 1	10	10	·020	● showers all day.
19	·552	29·714	52·8	51·6	46·2	61·6	·319	·317	80	83	W 4	SW 2	10	6	·040	Fine.
20	29·850	30·084	55·2	49·1	46·4	60·6	·334	·296	77	85	SW 2	SW 1	5	0	—	Very fine.
21	30·277	·383	55·4	45·8	37·1	66·0	·318	·289	73	94	W 1	Calm 0	4	1	—	Very fine and bright.
22	·435	·362	63·6	56·2	36·6	70·0	·322	·304	55	67	SE 2	E 1	2	0	—	Very fine.
23	·274	30·197	62·7	59·2	41·2	72·6	·331	·356	58	71	NE 2	E 2	0	0	—	Very fine.
24	30·084	29·971	65·2	55·0	41·2	69·8	·311	·325	49	75	E 3	NE 1	0	3	—	Very fine. T p.
25	29·847	·811	57·4	61·6	46·0	72·0	·379	·403	81	74	W 1	SW 1	7	8	—	Very fine.
26	·820	·823	61·5	59·0	48·2	65·6	·340	·496	63	99	N 1	N 1	6	10	·170	⦚ at night.
27	·852	·934	54·6	57·2	54·0	66·0	·427	·433	100	92	W 1	W 1	10	5	—	
28	29·983	29·990	60·0	58·1	50·2	71·2	·465	·472	90	97	NW 1	W 1	5	10	·050	T ●
29	30·053	30·160	54·2	58·4	50·5	65·0	·400	·416	96	85	N 1	Calm 0	10	10	·080	T ●
30	·316	·364	58·8	57·4	42·5	75·4	·416	·386	84	82	N 1	E 1	1	0	—	Very brilliant day.
31	30·403	30·318	64·4	56·1	40·8	78·5	·396	·393	65	87	SW 1	Calm 0	0	0	—	Very brilliant day.
Means	30·095	30·108	55·9	51·7	41·2	64·1	·330	·322	76·5	82·6	1·6	1·2	5·5	4·7	0·910	

CARMARTHEN.

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

MAY 1881.

1	29·606	29·584	53·1	47·0	43·3	54·0	·317	·321	78	99	SW 2	SW 1	8	10	·360	
2	·624	29·825	56·1	48·6	45·1	60·2	·339	·298	76	88	Calm 0	SW 2	7	0	—	
3	·989	30·069	47·5	43·1	42·9	55·7	·259	·229	80	82	E 2	Calm 0	9	10	·180	
4	29·969	·102	52·9	47·2	42·0	59·2	·329	·292	82	91	W 2	W 2	9	0	—	
5	30·166	·161	51·4	50·3	38·3	53·0	·325	·362	86	99	SW 4	SW 5	10	10	·080	
6	·199	·430	50·9	47·7	47·7	60·4	·370	·308	99	94	SW 5	Calm 0	10	0	·030	
7	·610	·661	58·0	47·0	41·2	63·4	·342	·247	71	77	Calm 0	W 1	1	0	—	Very fine all day.
8	·667	·609	64·0	52·3	41·4	67·8	·307	·251	51	65	E 1	N 1	0	0	—	Very fine all day.
9	·614	·609	58·8	52·8	41·4	64·8	·294	·271	59	68	Calm 0	E 2	0	0	—	Very fine all day.
10	·692	·681	47·8	39·0	38·7	56·4	·195	·218	59	92	NE 3	Calm 0	2	0	—	Very fine all day.
11	·657	·547	52·7	49·0	36·0	60·0	·238	·234	61	67	Calm 0	N 1	0	0	—	
12	·449	·323	60·0	51·9	39·1	68·1	·318	·289	62	75	Calm 0	Calm 0	0	0	—	
13	·219	30·096	64·2	47·0	40·7	66·8	·321	·286	53	90	Calm 0	SW 1	0	2	—	
14	30·004	29·901	53·7	50·7	45·7	57·1	·335	·357	81	96	SW 2	SW 3	10	10	·090	
15	29·625	·374	52·3	47·3	47·0	55·9	·352	·295	90	91	SW 5	SW 6	10	10	·400	Frequent ● showers.
16	·612	·997	50·1	45·7	45·5	56·6	·268	·238	74	79	NW 7	Calm 0	10	6	·110	
17	·845	·661	47·8	52·1	36·7	52·5	·312	·381	94	98	SW 4	SW 3	10	10	1·250	● 2 all day.
18	·548	·518	53·0	48·0	47·4	57·7	·356	·303	88	91	SW 6	SW 4	10	7	·210	
19	·522	29·668	52·2	49·2	46·8	57·1	·285	·304	73	88	SW 5	SW 4	9	10	—	Frequent ▲ showers during night.
20	29·841	30·081	51·3	47·0	43·8	58·0	·264	·286	71	90	W 6	SW 2	6	0	—	Fine day.
21	30·267	·373	56·1	49·7	40·3	61·0	·342	·325	76	92	SW 2	Calm 0	4	2	—	
22	·403	·308	61·8	58·1	42·2	68·4	·430	·308	78	64	SE 2	NE 1	0	0	—	
23	·217	30·110	60·5	60·8	48·0	72·7	·327	·281	62	53	E 2	E 5	0	0	—	
24	30·026	29·930	63·7	56·2	50·0	70·0	·339	·254	57	56	E 2	E 1	0	0	—	
25	29·814	·800	61·5	59·4	47·0	68·2	·353	·264	65	52	E 1	Calm 0	0	10	—	
26	·843	·875	60·9	54·9	43·7	66·4	·391	·375	73	88	Calm 0	Calm 0	3	10	·040	● 0 after 6p.
27	29·885	29·960	55·6	53·7	51·8	60·4	·413	·386	93	94	SW 1	Calm 0	10	10	—	
28	30·013	30·032	59·8	53·9	52·8	63·0	·409	·389	79	94	N 1	Calm 0	10	10	—	
29	·038	·196	63·0	59·2	52·8	67·1	·443	·446	77	89	NE 2	NE 1	9	8	·030	
30	·303	·360	64·7	58·2	51·6	73·9	·307	·323	50	67	Calm 0	N 1	0	0	—	
31	30·391	30·332	69·1	54·7	47·7	74·8	·360	·315	51	73	Calm 0	Calm 0	0	0	—	
Means	30·086	30·102	56·6	51·0	44·5	62·3	·330	·304	72·5	82·0	2·2	1·5	5·1	4·4	2·780	

MARLBOROUGH.

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

MAY 1881.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	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	29·680	29·666	51·1	46·7	40·1	53·0	·276	·297	75	94	SW 1	Calm 0	9	6	·250	
2	·633	29·765	51·5	47·7	44·4	55·8	·299	·274	79	83	ENE 1	NE 1	10	4	—	
3	29·990	30·110	45·6	40·7	40·4	52·1	·203	·186	67	73	NE 1	Calm 0	4	0	—	
4	30·054	·108	47·0	45·2	35·0	57·8	·286	·264	90	88	Calm 0	W ? 1	10	0	·030	
5	·205	·230	55·5	50·7	40·9	60·2	·271	·313	62	85	W 1	Calm 0	1	0	—	
6	·272	·441	56·8	47·9	47·9	63·2	·357	·292	77	88	WSW 1	W ? 1	10	2	—	
7	·602	·652	59·0	50·9	44·7	66·1	·297	·268	59	73	N 1	Calm 0	0	0	—	
8	·664	·622	59·4	51·3	40·2	65·4	·270	·240	57	64	NE 1	Calm 0	0	0	—	
9	·640	·631	52·7	44·7	35·9	59·8	·233	·205	59	70	ENE 1	E 1	9	1	—	
10	·673	·680	42·6	40·6	34·9	51·5	·194	·184	72	72	NE 1	Calm 0	10	0	—	
11	·661	·524	49·7	46·3	28·1	61·4	·231	·236	65	76	NE 1	Calm 0	0	0	—	≋ 0 (mist) 9a.
12	·453	·343	58·8	52·7	38·0	67·4	·238	·270	48	69	E 1	Calm 0	5	10	—	
13	·232	30·098	59·4	47·5	37·9	72·2	·302	·182	60	55	Calm 0	W 1	0	4	—	∞ 9a.
14	30·040	29·991	55·7	50·6	43·4	62·6	·302	·285	69	77	W 1	W 1	8	10	—	
15	29·789	·542	54·6	47·5	42·3	56·8	·317	·283	75	87	SW 1	SW 1	10	4	·150	
16	·544	·976	49·5	44·9	44·9	57·8	·278	·225	79	76	W 1	Calm 0	10	0	—	
17	·987	·744	51·9	51·3	33·8	52·6	·271	·360	71	95	SW 1	W 2	10	10	·430	
18	·622	·623	49·7	49·5	49·4	60·0	·335	·311	94	89	W 1	W ? 1	10	8	·150	
19	·602	29·737	54·3	47·6	45·9	58·4	·286	·264	68	81	SW 2	W 1	9	5	·100	
20	29·894	30·114	55·9	44·1	44·1	58·8	·299	·244	68	84	WSW 1	Calm 0	5	0	·010	
21	30·301	·403	57·8	50·8	37·3	64·2	·311	·303	65	82	Calm 0	Calm 0	5	0	—	
22	·452	·363	59·6	52·7	38·2	69·1	·325	·230	64	58	SE 1	Calm 0	0	0	—	
23	·263	30·169	59·6	57·3	43·9	71·0	·339	·273	66	58	E 2	E 1	0	0	—	
24	30·081	29·972	62·5	53·8	48·9	67·3	·333	·266	59	64	E 1	E 1	0	0	—	
25	29·844	·829	60·8	58·1	45·4	71·5	·356	·355	67	74	E 1	Calm 0	0	10	—	≋ before 9a.
26	·822	·847	64·1	56·2	48·1	67·9	·378	·433	63	96	Calm 0	Calm 0	0	10	·150	
27	·869	·948	55·7	54·1	53·3	66·6	·409	·381	92	91	Calm 0	W 1	10	10	—	≋ 0 (mist) a.
28	29·977	29·993	57·8	60·1	52·1	71·8	·431	·444	90	86	NNW 1	Calm 0	10	10	—	T p.
29	30·036	30·158	53·8	55·7	52·0	61·4	·377	·331	91	75	N 1	WSW 1	10	10	·230	
30	·288	·366	61·3	58·3	44·5	73·0	·366	·327	69	68	ENE 1	Calm 0	0	0	—	
31	30·396	30·319	68·3	59·9	41·3	75·3	·327	·365	47	71	ESE 1	Calm 0	0	0	—	
Means	30·115	30·128	55·5	50·5	42·5	63·0	·306	·387	69·9	77·5	0·9	0·5	5·6	3·7	1·500	

STRATHFIELD TURGISS.

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

MAY 1881.

1	29·709	29·682	49·8	47·7	40·2	59·2	·284	·299	80	91	W 3	S 1	5	8	·028	Squally before 9a.
2	·637	29·834	53·9	48·4	44·5	66·0	·304	·305	73	90	E 2	N 2	10	8	·067	
3	29·974	30·107	48·8	36·4	36·4	54·9	·244	·182	70	84	N 2	N 1	6	0	—	
4	30·092	·085	48·5	47·1	29·3	60·2	·249	·270	73	84	W 3	W 1	10	1	·048	
5	·215	·232	55·6	52·5	38·7	64·8	·216	·301	49	76	SW 1	SW 2	4	6	—	Squally p.
6	·288	·433	59·6	51·1	50·3	68·8	·374	·284	73	76	W 3	W 2	9	3	—	Squally p.
7	·595	·629	60·5	52·1	39·4	70·8	·319	·267	60	70	NW 2	N 1	0	0	—	≋ 9p.
8	·654	·631	61·7	51·3	35·9	69·1	·299	·248	54	66	NE 3	E 2	0	0	—	
9	·624	·632	55·4	44·4	34·2	64·5	·237	·199	54	68	NE 3	NE 2	3	0	—	
10	·654	·661	46·8	43·0	38·1	56·6	·215	·194	67	70	NE 3–4	NE 1	10	0	—	Squally 9a.
11	·662	·508	50·5	45·0	27·9	62·4	·202	·212	55	71	N 3	NE 1	0	0	—	
12	·476	·329	54·6	55·0	36·3	68·2	·238	·321	56	74	NE 0–1	Calm 0	9	8	—	≋ a.
13	·252	30·089	57·6	52·0	36·5	72·1	·296	·292	62	75	E 3	W 3	0	2	—	≋ a.
14	30·049	29·985	55·3	54·2	37·6	67·0	·283	·331	66	78	W 3	SW 1	8	8	—	
15	29·822	·569	55·5	48·3	37·4	60·0	·308	·280	71	83	SW 3	SE 3	10	6	·067	Squally 9a. and 9p.
16	29·531	·959	51·3	46·1	46·1	60·4	·274	·232	74	75	W 3	NW 1	10	2	·016	Squally a.
17	30·014	·772	54·7	52·3	32·1	56·4	·272	·370	64	95	W 4–3	S 3–4	10	10	·326	Squally a.
18	29·631	·651	54·9	50·7	50·2	63·4	·407	·322	95	87	S 3–4	SW 4	10	10	·160	Squally a. and p.
19	·626	29·752	56·9	49·7	48·1	60·8	·302	·297	65	84	SW 4–5	SW 2	6	5	·008	Squally a.
20	29·899	30·099	58·5	48·4	45·2	60·3	·277	·295	56	87	W 3	SW 2	7	0	·044	
21	30·303	·399	57·7	53·0	37·7	67·8	·290	·318	60	79	SW 1	SW 1	3	0	—	⌐ a.
22	·442	·367	66·0	52·6	38·0	72·6	·307	·231	47	59	E 3	NE 2	0	0	—	⌐ a.
23	·273	30·175	65·3	57·9	43·9	73·7	·346	·278	55	57	E 3	E 1	0	0	—	Squally a.
24	30·089	29·977	65·2	53·3	46·5	69·8	·309	·285	49	71	E 1	E 1	0	1	—	
25	29·859	·820	64·4	58·4	42·8	75·5	·312	·386	51	79	E 1	SE 1–0	2	10	—	
26	·823	·821	63·4	58·9	44·6	64·7	·409	·459	70	93	E 1	NW 1	10	10	·096	≋ 9a.
27	·858	·925	58·4	59·4	54·9	65·9	·421	·425	86	85	NW 2	W 2	10	10	—	≋ a.
28	29·948	29·969	63·5	63·2	52·3	71·2	·464	·446	80	77	NW 2	NW 2	10	10	·098	⦚ 9p.
29	30·026	30·152	56·5	54·4	50·9	64·8	·434	·315	96	74	N 1	NE 2	10	10	·081	
30	·276	·369	65·9	55·0	43·3	74·8	·396	·279	62	65	NE 2–3	NE 1	0	0	—	
31	30·392	30·316	70·0	59·3	40·2	80·3	·352	·393	48	78	NE 2	Calm 0	0	0	—	
Means	30·119	30·127	57·6	51·6	41·3	66·1	·311	·301	65·2	77·5	2·4	1·6	5·5	4·1	1·039	

RAMSGATE.

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

MAY 1881.

Day.	Barometer at 32° and M. S. L. 9 a.m.	Barometer at 32° and M. S. L. 9 p.m.	Air Temperature. 9 a.m.	Air Temperature. 9 p.m.	Air Temperature. Min.	Air Temperature. Max.	Tension of Vapour. 9 a.m.	Tension of Vapour. 9 p.m.	Relative Humidity. 9 a.m.	Relative Humidity. 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	29·758	29·724	50·5	49·5	43·2	58·7	·327	·333	89	95	SW 4	Calm 0	10	10	·010	Bright day.
2	·639	29·722	49·0	45·2	44·4	51·2	·312	·302	88	100	NE 1	NE 1	10	10	·220	
3	29·927	30·108	44·8	42·3	41·0	51·4	·236	·189	79	71	NE 1	Calm 0	10	8	—	Bleak and cold from Noon.
4	30·147	·084	47·6	48·8	32·3	52·3	·228	·329	69	95	SW 1	NE 2	6	10	·040	Fine *a.* Gloomy *p.*
5	·232	·261	55·0	50·2	39·2	59·3	·334	·316	77	88	Calm 0	SW 2	2	10	—	Very chilly from 4*p.*
6	·333	·411	55·6	52·0	43·1	62·2	·393	·379	88	98	SW 3	Calm 0	9	0	—	Fine.
7	·584	·644	56·8	49·0	45·0	65·8	·369	·297	80	86	W 1	Calm 0	3	0	—	Fine and bright. Very warm *p.*
8	·661	·647	55·0	45·5	44·3	59·8	·302	·288	70	95	NE 1	NE 1	0	0	—	Bright day.
9	·559	·594	47·5	42·2	42·1	52·9	·311	·242	96	90	NE 1	NE 3	3	3	·020	Cold *p.* ● 8.45*p.*
10	·623	·653	47·0	43·0	40·7	51·0	·244	·242	77	87	NE 3	NE 3	5	0	·020	● 0 8.25*a.*
11	·659	·561	46·8	43·0	40·2	52·0	·251	·244	79	88	NE 1	NE 1	9	10	—	Fine all day.
12	·452	·356	50·3	44·7	40·4	55·6	·299	·264	82	89	NE 1	NE 1	9	1	—	Fine all day.
13	·269	30·096	51·0	50·0	38·0	60·2	·292	·307	78	85	SE 1	SE 1	1	10	—	Fine all day.
14	30·004	29·986	58·0	53·0	43·0	64·7	·328	·356	68	88	SW 1	SW 1	6	3	—	Fine all day.
15	29·882	·617	52·2	53·4	46·8	61·7	·382	·353	98	86	SW 1	SW 5	5	10	—	Fine *a.* Gloomy and windy *p.*
16	29·507	·907	52·0	46·8	46·8	57·0	·307	·262	79	82	W 4	S 1	10	2	·060	Gloomy all day.
17	30·056	·837	50·1	52·0	38·1	56·7	·338	·358	93	92	S 3	SW 8	10	10	·020	Squally ● 0 from 10*a.*
18	29·706	·709	53·5	50·0	45·5	57·0	·389	·358	96	99	SW 8	SW 3	10	10	·220	Squally *a.* ● showers from 5*p.*
19	·673	29·799	57·0	51·3	49·1	60·6	·384	·340	82	92	SW 4	SW 2	4	4	·020	
20	29·935	30·115	54·1	49·0	47·5	62·2	·357	·319	85	92	SW 2	SW 1	5	2	·320	
21	30·269	·438	59·2	49·0	41·8	60·7	·335	·306	67	89	Calm 0	Calm 0	0	0	—	Very fine.
22	·508	·352	57·5	52·4	45·0	60·4	·370	·366	78	93	E 1	NE 3	0	0	—	Fine but chilly.
23	·306	30·205	57·5	55·0	52·0	63·2	·382	·346	81	80	E 2	E 3	0	0	—	Fine but chilly.
24	30·129	29·948	55·2	50·3	49·5	60·0	·370	·355	85	97	E 3	E 3	0	0	—	Fine but chilly.
25	29·852	·820	58·8	56·5	50·0	64·0	·382	·381	77	83	Calm 0	Calm 0	3	10	·030	Sultry.
26	·792	·867	63·5	59·5	55·0	69·3	·461	·437	79	87	Calm 0	Calm 0	9	0	—	Sultry all day.
27	·831	·872	56·0	60·6	54·7	63·2	·439	·482	98	91	SW 1	SW 2	10	10	·450	
28	29·930	29·940	53·2	53·0	52·2	64·2	·397	·371	98	92	SW 2	SW 2	10	10	·230	● 2 showers. ☈ 8*a*
29	30·001	30·138	55·0	52·0	52·0	56·7	·377	·335	88	86	NE 2	NE 2	10	10	·030	Gloomy and chilly all day.
30	·273	·375	58·5	53·3	51·3	62·4	·378	·312	78	77	NE 3	NE 3	0	0	—	
31	30·390	30·304	62·5	56·0	51·5	70·2	·323	·312	57	70	E 2	Calm 0	0	0	—	Fine all day.
Means	30·125	30·132	53·9	50·3	45·3	59·6	·342	·325	81·9	88·4	1·9	1·7	5·5	4·9	1·690	

SOUTHAMPTON.

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

MAY 1881.

1	29·717	29·668	53·1	48·6	43·9	57·0	·303	·307	75	90	SW 4	SW 1·5	9	10	·005	
2	·616	29·747	52·4	49·5	46·4	58·9	·299	·331	76	94	NE 2	NE 2	10	10	·158	● Noon—7.30 *p.*
3	29·978	30·099	45·1	43·6	42·4	54·4	·248	·215	83	76	NNE 4	E 1	8	0	—	
4	30·081	·105	48·8	47·7	37·8	57·4	·300	·250	86	76	SW 3·5	NW 3	10	0	·044	
5	·221	·259	57·1	51·2	39·9	62·2	·331	·340	71	91	SW 2	SW 4	8	10	·005	
6	·315	·443	55·8	53·3	50·3	62·5	·373	·376	83	92	SW 3	SW 0·5	10	0	—	
7	·595	·643	61·0	54·5	41·8	69·8	·376	·347	71	82	ENE 1	Calm 0	2	0	—	
8	·659	·634	61·9	49·9	44·4	69·1	·309	·279	55	79	NE 3	SSE 1	0	0	—	
9	·625	·596	57·8	47·6	38·5	63·3	·279	·228	58	69	NE 2	NE 2	0	2	—	Small Ψ 9*p.*
10	·637	·640	45·4	43·7	37·3	54·5	·208	·205	69	72	NE 3	E 1	10	1	—	
11	·652	·493	50·5	48·0	32·4	61·2	·202	·274	55	83	N 2	SSW 1	1	3	—	
12	·453	·349	37·3	49·0	38·7	66·5	·283	·253	60	72	NE 1·5	SW 2	3	10	—	
13	·258	30·103	56·7	50·0	39·9	63·4	·291	·327	63	91	SW 2·5	SW 2	1	1	—	
14	30·060	29·993	56·2	52·7	40·8	65·4	·316	·344	70	86	W 3	SW 2	10	10	—	
15	29·841	·589	53·8	49·6	48·1	58·8	·340	·305	82	86	SW 3·5	SW 5	10	10	·090	
16	29·608	·972	50·9	48·7	47·9	58·5	·277	·257	75	75	W 4·5	WNW 2	10	1	·022	during day with clouds of dust.
17	30·023	·792	55·8	51·9	38·9	55·9	·312	·381	70	99	SW 3	SW 6	10	10	·392	
18	29·655	·671	52·9	50·7	50·4	59·3	·396	·350	99	94	SW 3·5	SW 4	10	10	·125	from 1*p.* till 11.30*a.*, and 2.30*p.*—6*p.*
19	·661	29·777	54·1	50·9	48·8	58·8	·309	·340	74	91	SW 4·5	SW 3·5	10	9	—	(force 6) during day.
20	29·916	30·115	56·6	50·1	47·4	60·3	·306	·309	66	85	WSW 3	WSW 0·5	7	0	—	0 2*p.*
21	30·318	·403	59·9	51·8	39·0	63·3	·339	·336	66	86	SW 2	SW 1·5	7	0	—	0 on grass *p.*
22	·426	·312	64·7	54·8	41·6	72·1	·293	·272	48	64	SE 2·5	NE 4	0	0	—	2 *a.*
23	·219	30·122	67·8	59·9	49·5	74·3	·394	·339	58	66	E 4	NE 4	0	0	—	
24	30·052	29·934	67·0	55·0	50·1	72·3	·360	·307	54	71	ESE 3	NE 2·5	0	0	—	
25	29·830	·817	63·5	56·9	47·7	71·5	·359	·381	61	83	ESE 2	SE 1·5	4	7	—	
26	·829	·833	62·1	58·0	47·5	70·3	·398	·426	72	87	WSW 2	NW 2	10	10	—	
27	·864	·933	64·7	56·3	53·3	72·3	·425	·390	70	86	WNW 2·5	NW 3·5	1	1	—	
28	29·957	29·963	60·5	62·0	53·2	73·6	·440	·462	84	83	N 3	NW 3	10	9	·227	☈ 5.15*p.* < during the evening.
29	30·007	30·129	56·0	54·6	54·2	63·4	·422	·322	94	76	NNE 2	NE 2	10	10	·006	● 4*a.*—8*a.*
30	·254	·331	65·9	60·0	48·9	75·5	·397	·347	62	61	N 2	NE 1·5	0	0	—	
31	30·382	30·289	70·9	61·6	48·4	77·5	·379	·412	49	76	NE 2	SW 0·5	0	0	—	
Means	30·120	30·121	57·6	52·4	44·8	64·6	·331	·322	69·6	81·4	2·8	2·3	5·8	4·3	1·074	

ST. LEONARDS.

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

MAY 1881.

Day.	Barometer at 32° and M. S. L. 9 a.m.	Barometer at 32° and M. S. L. 9 p.m.	Air Temperature. 9 a.m.	Air Temperature. 9 p.m.	Air Temperature. Min.	Air Temperature. Max.	Tension of Vapour. 9 a.m.	Tension of Vapour. 9 p.m.	Relative Humidity. 9 a.m.	Relative Humidity. 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	29·769	29·710	49·6	48·3	44·3	53·0	·317	·304	90	90	SW 4	SSW 1	7	9	—	○ Noon—4*p.*
2	·606	29·726	51·5	46·8	45·9	52·0	·307	·296	81	93	ENE 2	NNE 2	10	10	·193	Overcast all day with constant ●
3	29·939	30·114	43·9	43·6	41·4	52·0	·221	·192	77	67	NNE 3	N 2	10	7	—	T in past *n.*
4	30·136	·099	45·7	47·2	37·0	50·0	·219	·320	71	99	S 3	WSW 1	10	2	·020	0 *p.* over sea at night. 2 9*p.*
5	·240	·294	50·6	48·5	41·6	53·6	·316	·316	86	93	SW 2	WSW 4	2	6	·010	○ *p.* 9*p.*
6	·365	·457	48·7	49·2	47·9	51·5	·344	·351	100	100	SW 2	SW 3	10	10	—	Overcast all day, with .
7	·577	·629	58·4	52·6	44·3	59·8	·333	·303	68	76	SE 1	NW 1	3	0	—	Very fine day.
8	·634	·640	61·2	46·7	46·5	63·2	·286	·249	53	79	NNE 1	NE 2	0	0	—	Very fine day.
9	·588	·591	54·7	44·3	40·9	61·4	·253	·196	60	67	NE 3	NE 4	1	4	·018	
10	·596	·645	47·6	42·0	39·3	54·4	·209	·188	64	71	NE 4	NE 4	5	1	—	
11	·650	·525	49·3	43·6	37·2	56·2	·225	·242	64	85	N 2	NNE 1	3	3	—	0 early *a.* ○ *a.* at night.
12	·453	·359	50·3	47·4	38·7	58·7	·275	·241	76	75	NNE 3	NE 2	10	5	—	
13	·272	·108	51·6	47·5	41·8	54·1	·284	·261	75	80	S 1	WSW 2	3	0	—	Very bright.
14	30·052	30·015	54·0	48·1	42·7	56·2	·317	·313	76	93	SSW 3	WSW 3	3	3	—	○ *a.*
15	29·890	29·654	51·1	49·6	47·6	56·0	·325	·305	86	86	SSW 2	W 6	5	10	·021	○ *p.* ● (gale force in squalls,) [from 8*p.*
16	29·577	·977	52·5	48·8	47·6	58·0	·274	·255	69	73	WSW 6	W 2	10	8	·030	Squally 9*a.*
17	30·070	·877	52·4	50·7	44·1	52·8	·311	·342	79	92	SSW 4	SW 6	9	10	·032	T 11*a.* (gale) at night.
18	29·706	·716	51·6	48·7	48·7	52·1	·353	·342	93	99	SSW 7	SW 5	10	10	534	in past *n.* Overcast all day with [almost constant ●
19	·704	29·809	52·2	50·2	48·3	54·8	·353	·302	91	84	SW 6	SW 4	6	6	—	● 2 in past *n.* 0 at night.
20	29·949	30·136	53·1	48·7	48·5	56·0	·339	·309	83	90	SW 4	SW 2	7	0	—	○ Noon. 9*p.*
21	30·320	·420	56·0	51·4	45·1	56·8	·338	·284	75	75	SSW 2	W 2	1	0	—	Very bright. [10*p.*
22	·431	·314	65·0	52·9	47·0	69·0	·359	·313	58	78	ENE 1	NE 5	0	0	—	Very fine day. (moderate gale) after
23	·253	30·145	64·7	57·6	51·9	70·0	·340	·299	55	63	ENE 4	ENE 5	0	0	—	Very fine day. (moderate gale) *p.*
24	30·078	29·943	63·5	54·4	52·4	68·5	·328	·283	56	67	ENE 3	NE 3	0	3	—	
25	29·825	·821	63·6	59·6	48·9	68·1	·360	·395	62	78	E 2	Calm 0	2	9	·020	○ *a.*
26	·789	·813	61·5	56·6	55·5	65·4	·427	·420	78	91	NW 1	Calm 0	10	9	·040	Close all day. T 11*p.* [day.
27	·830	·888	62·7	61·2	54·4	66·8	·469	·487	82	91	WNW 1	W 1	9	10	·040	● 8*p.*-8.45 *p.* T 10.30*p.* Very close all
28	·906	29·963	61·6	59·6	56·1	67·9	·423	·459	78	90	NW 1	N 2	9	10	·102	Close and dull most of day.
29	29·996	30·114	57·8	53·7	53·6	61·0	·443	·343	92	83	Calm 0	NE 3	10	8	·032	*a.*
30	30·222	·332	66·2	56·1	50·8	72·9	·421	·288	65	64	NE 4	NNE 3	0	0	—	Cloudless day.
31	30·364	30·301	69·7	59·8	50·7	75·6	·349	·319	48	63	NE 3	NNE 2	0	0	—	Very fine and bright.
Means	30·122	30·133	55·6	50·8	46·5	59·6	·326	·307	73·9	81·8	2·7	2·7	5·3	4·9	1·092	

DARTMOOR.

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

MAY 1881.

1	29·710	29·656	46·0	43·6	39·8	47·8	·281	·274	92	97	SSW 4	SW 1	10	10	—	*p.*
2	29·629	29·782	45·3	44·6	41·6	52·8	·286	·267	95	91	NE 1	SE 2	9	7	·210	
3	30·007	30·140	42·0	41·2	39·1	48·1	·245	·254	92	98	NE 1	S 3	8	10	·130	
4	·054	·194	44·6	43·5	41·2	52·8	·295	·271	100	96	W 2	W 1	10	10	—	
5	·258	·298	44·7	46·7	41·0	51·9	·272	·319	92	100	SW 2	SW 1	9	10	·120	
6	·320	·515	47·8	43·6	42·0	53·0	·333	·259	100	91	SW 1	NW 1	10	0	—	9*a.* and *p.*
7	·610	·677	53·9	46·2	41·6	59·2	·234	·275	56	89	E 1	E 1	0	0	—	
8	·636	·626	56·0	48·0	40·0	60·0	·271	·225	60	67	E 1	E 1	0	0	—	
9	·613	·611	52·8	48·2	36·2	58·2	·348	·338	86	100	E 3	E 2	0	10	—	
10	·636	·668	40·0	38·0	32·0	49·0	·172	·157	69	68	ENE 6	NE 4	0	0	—	
11	·658	·560	45·9	45·0	31·0	50·0	·175	·215	56	72	NE 3	NW 2	2	3	—	
12	·454	·385	55·0	46·0	40·0	62·0	·224	·206	52	67	NE 2	Calm 0	0	0	—	
13	·222	·163	60·2	45·0	41·4	64·3	·328	·243	63	82	E 2	SW 3	0	7	—	
14	30·077	30·011	50·0	46·3	42·0	55·0	·286	·312	80	99	SW 2	SW 4	6	3	—	
15	29·846	29·648	47·5	43·2	43·0	50·0	·316	·232	97	83	SW 9	SW 6	10	8	·450	9*a.* Squally *p.*
16	·741	30·066	44·5	43·5	41·0	51·0	·249	·271	85	96	NW 6	Calm 0	10	10	·310	
17	·975	29·731	45·0	48·0	40·5	48·6	·299	·335	100	100	SW 6	SW 4	10	10	·880	9*p.*
18	·640	·625	46·0	45·0	41·0	50·0	·298	·299	97	100	SW 3	SW 6	10	10	1·140	9*a.* and 9*p.*
19	·645	29·775	45·5	44·0	41·0	50·0	·305	·276	100	96	SW 8	SW 3	10	10	·400	
20	29·950	30·183	48·5	40·0	39·5	52·0	·260	·236	76	96	NNW 3	NW 1	8	0	—	
21	30·270	·426	50·0	45·0	37·5	58·0	·209	·254	86	85	S 3	Calm 0	4	0	—	
22	·410	·285	52·0	49·2	37·5	60·0	·235	·232	86	66	E 3	E 4	0	0	—	
23	30·133	30·121	58·5	52·0	43·0	60·0	·385	·246	79	64	E 6	E 5	0	0	—	<
24	29·984	29·944	58·1	48·5	46·0	62·5	·365	·239	76	70	E 5	E 6	0	0	—	
25	·816	·846	55·0	50·0	40·0	60·0	·302	·334	70	93	SE 1	Calm 0	5	3	—	
26	·853	29·913	57·9	49·0	40·0	60·0	·379	·348	80	100	Calm 0	NW 1	10	8	·250	
27	29·931	30·026	51·5	48·5	48·0	59·5	·293	·342	77	100	NW 3	NW 2	10	10	—	9*p.*
28	30·026	·064	57·5	50·0	47·0	64·0	·377	·361	80	100	Calm 0	NW 1	5	10	—	9*p.*
29	·074	·151	53·0	53·0	48·0	59·0	·388	·348	97	86	Calm 0	NE 1	10	10	—	*a.* and *p.*
30	·268	·371	60·2	55·0	48·0	68·0	·316	·302	61	70	SE 2	Calm 0	3	0	—	before 9*a.*
31	30·380	30·358	62·5	59·2	44·0	68·0	·296	·329	53	65	E 1	W 1	0	2	—	
Means	30·123	30·155	50·9	46·7	41·1	56·3	·297	·277	80·4	86·7	2·9	2·2	5·5	5·2	3·890	

BABBACOMBE.

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

MAY 1881.

Day.	Barometer at 32° and M. S. L. 9 a.m.	9 p.m.	Air Temperature. 9 a.m.	9 p.m.	Min.	Max.	Tension of Vapour. 9 a.m.	9 p.m.	Relative Humidity. 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	29·607	29·638	51·8	46·9	42·3	55·4	·294	·304	76	95	WSW 4	SSE 1	9	10	·040	☽ before 9a.
2	·616	29·774	50·0	48·9	45·8	55·8	·319	·304	89	88	NE 2	NNE 2	10	3	·080	☽ ≋0 (mist) p.
3	29·998	30·104	45·5	43·1	43·1	49·2	·257	·256	85	92	NE 1	WSW 2	10	0	·010	≋0 (mist) a. and p. ☽ p.
4	30·039	·163	49·3	45·8	39·8	60·6	·333	·262	95	86	SW 3	WSW 2	10	2	—	
5	·238	·251	56·1	50·8	40·9	59·9	·311	·353	70	95	WSW 3	SW 6	4	10	·010	Squally ↙ 5p.—6p.
6	·321	·473	52·7	48·9	48·9	58·7	·360	·308	90	90	WSW 4	WSW 2	10	0	—	☽ after 7p.
7	·611	·635	57·8	52·8	41·7	64·7	·324	·288	68	72	NNE 2	NNW 3	2	0	—	☽ before 9a.
8	·663	·596	55·4	49·9	47·6	63·7	·287	·247	66	70	NE 3	SSE 2	1	0	—	
9	·625	·578	52·7	51·0	45·1	62·5	·278	·279	71	75	ENE 2	NNE 1	0	2	—	
10	·657	·628	42·9	47·7	40·2	51·7	·184	·211	67	65	ENE 4	NE 4	9	0	—	Squally 9p.
11	·669	·515	49·1	48·9	42·2	59·9	·200	·246	58	72	ENE 2	NW 3	2	4	—	Squalls before 9a. ○0 2p.—2.30p. ∞
12	·456	·326	56·0	52·8	43·1	63·8	·256	·224	57	56	ENE 2	WNW 1	3	2	—	∞ all day. [5p.—Midt.
13	·238	·122	56·9	48·9	42·8	68·6	·293	·193	63	56	ENE 1	WNW 1	1	6	—	∞ till 5.30p.
14	30·071	30·008	59·0	49·6	42·0	63·6	·318	·319	63	90	W 3	SW 2	9	9	—	☽ p. [Squally ↙ p.
15	29·772	29·595	54·8	48·8	48·1	57·0	·331	·273	77	79	SW 5	SW 5	10	5	·110	☽ before 9a. ≋0 (mist) a. and p.
16	·724	30·037	49·8	46·4	45·9	59·6	·254	·262	71	84	WNW 5	WSW 2	10	3	—	Squally ↙ ● n. ≋0 (mist) 9p. ☽ p.
17	·982	29·758	50·9	51·7	42·9	53·8	·323	·373	87	97	SW 4	SW 6	10	10	·260	☽ before 9a. ↙ p.
18	·644	·631	54·0	50·3	50·1	58·7	·348	·335	83	92	WSW 4	SW 4	6	10	·090	↙ ● n. ○ 9.15a.
19	·634	29·765	54·4	48·6	46·7	58·8	·307	·298	72	88	WSW 6	SW 4	9	2	·020	Squally ↙ 3p.—5p. ☽ p.
20	29·942	30·147	58·3	46·2	45·0	60·7	·317	·277	66	90	SW 4	WSW 2	4	0	—	p.
21	30·311	·403	56·8	48·7	40·8	61·8	·362	·311	78	91	S 2	S 2	6	0	—	☽ before 9a. ☽2 p.
22	·426	·289	53·4	53·1	41·9	62·7	·323	·315	79	78	NE 3	NE 3	0	0	—	≋ till 8.15a.
23	·175	30·085	57·8	54·7	51·3	60·6	·349	·333	75	78	NE 4	NNE 3	0	1	—	Very fine.
24	30·023	29·926	57·9	52·2	51·1	60·2	·319	·335	66	86	E 3	NE 2	0	0	—	Very fine. [after 6p.
25	29·825	·823	55·8	50·9	50·0	58·7	·327	·342	73	92	ENE 3	NE 1	2	2	—	≋0 (mist) a. ○0 2.30p.—3.30p. ☽
26	·857	29·890	60·3	53·8	46·9	68·3	·391	·351	75	84	NNE 1	NW 1	9	3	—	≋0 (mist) a. and p. ○0 9.30a.
27	29·908	30·002	64·8	52·8	47·5	72·6	·384	·335	62	83	W 2	WNW 1	1	1	—	≋0 (mist) a. ☽ p.
28	30·015	·032	63·0	56·8	47·9	73·7	·412	·377	72	81	NNE 1	WNW 3	8	2	—	≋0 (mist) a. and p. Squally p.
29	·049	·124	58·8	57·8	53·3	65·6	·401	·421	81	87	NW 2	NNE 3	10	10	·040	≋0 (mist) a. and p. ≋2 ●0 11a.— [Noon.
30	·265	·352	64·6	56·4	53·0	72·1	·369	·345	61	76	NE 2	Calm 0	2	0	—	●0 ≋ in past n. ≋0 (mist) ☽0 p.
31	30·390	30·334	65·6	58·9	51·3	73·1	·305	·315	48	63	NE 2	WSW 2	0	0	—	≋0 (mist) a.
Means	30·124	30·129	55·4	50·8	45·8	61·8	·321	·303	72·3	81·6	2·9	2·5	5·4	3·1	0·660	

Observer remarks:—Mean sea temperature 52°·0.

ST. AUBIN'S, JERSEY.

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

MAY 1881.

1	29·844	29·711	52·7	49·7	46·7	58·7	·315	·309	79	88	SW 3	Calm 0	6	7	·043	Squally 9a. <0 in SSE. from 10p.
2	·599	29·758	50·2	49·0	47·8	52·6	·332	·330	92	95	NE 1	NNE 2	10	10	·186	
3	29·982	30·166	47·0	45·4	44·5	49·4	·262	·262	82	87	NE 2	Calm 0	10	10	—	Cold for the season.
4	30·176	·333	50·8	46·8	42·1	54·0	·328	·306	88	95	SW 3	W 1	8	0	·042	☽ a. and p. Night very clear.
5	·340	·403	55·0	48·8	45·4	58·7	·349	·321	81	93	W by S 2	SW 2	7	4	—	☽ a. and p. ○ p. Very fine p.
6	·452	·548	51·9	53·0	48·0	61·3	·339	·374	88	93	SW 2	W by N 1	10	10	·004	Very fine p. [thorn in flower.
7	·648	·655	58·0	52·2	49·4	62·1	·274	·285	54	73	NE 2	N by E 3	0	0	—	Cloudless from 8a. Very dry a. Haw-
8	·633	·592	60·9	50·4	48·0	64·0	·232	·241	43	66	E by N 2	ENE 2	0	0	—	Cloudless and remarkably dry.
9	·606	·602	55·2	47·8	45·4	58·4	·261	·256	60	78	ENE 3	NE 1	0	0	—	Cloudless and very dry.
10	·617	·639	48·2	45·0	42·1	51·9	·200	·194	60	65	NE 2	ENE 2	8	0	—	Bright and fine, with cold wind.
11	·654	·559	47·4	43·3	42·0	52·7	·217	·212	67	76	NE 2	Calm 0	9	2	—	Coloured ○2 2p.—4p. Fine day. Cold [breeze.
12	·479	·397	56·3	47·0	41·1	57·9	·271	·298	59	93	NE 2	N 1	2	0	—	Very fine but cool. Coloured ○ at
13	·327	·206	55·7	49·4	43·4	62·2	·315	·235	70	66	E 1	W 1	0	0	—	Very fine day. [times.
14	30·173	30·123	56·0	48·5	45·3	59·9	·317	·297	70	87	NW 1	Calm 0	7	3	—	☽0 a. and p. Very fine. Wind SW. p.
15	29·952	29·799	57·1	49·3	45·2	63·8	·305	·306	66	88	S 1	W 3	8	3	·066	○0 11a. ☽ 7.20p.
16	29·837	30·104	56·2	49·1	48·3	58·9	·314	·309	69	89	NW 3	W by N 2	5	0	—	Bar. rose from 5.30a. Day fine. Cold
17	30·150	29·994	53·2	53·3	45·7	57·7	·315	·365	78	90	SW 3	SW 2	8	10	·005	☽0 a. [wind. ☽0 p.
18	29·816	·790	55·2	50·4	49·0	55·2	·368	·362	85	98	SW 4	SW 2	10	10	·800	Gloomy day. ● from 2p.
19	29·812	29·902	56·4	51·0	48·8	58·9	·355	·276	78	74	SW 3	SW 2	2	6	·040	☽ p.
20	30·051	30·215	56·1	48·1	47·5	60·4	·344	·308	75	92	SW 3	Calm 0	7	0	—	Coloured ○. Day very fine. ☽ p.
21	·365	·422	58·0	51·3	44·9	61·3	·342	·291	71	77	W 1	E 1	2	0	—	☽ a. Extremely fine.
22	·390	·231	62·1	57·0	47·2	66·7	·315	·291	57	63	NE 3	NE 3	0	0	—	Cloudless till 5p.
23	30·110	30·046	60·4	59·8	54·0	69·0	·363	·323	69	63	NE 2	NE 3	7	0	—	Cloudless from 10a. Warm.
24	29·977	29·907	65·4	55·3	55·3	68·8	·323	·318	51	72	E by N 5	NE 3	0	0	—	↙ a. Cloudless till 6p. Humidity
25	·830	·845	61·4	55·4	51·5	65·0	·362	·371	67	85	E 1	NW 1	9	5	·290	[40°/₀ at 10.30a.
26	·899	29·954	59·0	50·7	49·0	65·1	·436	·362	88	98	W by N 1	Calm 0	9	1	·001	Very fine p. Damp ≋0 7.15p. ☽ p.
27	29·995	30·047	55·0	52·6	50·0	62·0	·362	·383	84	97	W 1	W 1	10	0	—	☽ a. and p. ≋0 at times p.
28	30·083	·091	54·1	52·8	50·8	56·7	·362	·380	86	95	NW 2	NW 2	10	10	—	Dull and damp a. ≋ from 4.30p.
29	·086	·143	54·9	53·4	50·8	58·5	·391	·391	92	96	NW 1	Calm 0	10	10	—	≋ early a. ≋0 at times.
30	·242	·311	59·2	58·0	52·1	66·8	·383	·311	76	65	NE 2	NE 2	7	0	—	Cloudy a. Very fine and very dry p.
31	30·353	30·320	66·4	60·2	52·8	69·8	·346	·295	54	57	ENE 3	NE 2	0	0	—	Cloudless and warm.
Means	30·177	30·184	56·0	51·1	47·6	60·3	·323	·308	72·2	82·4	2·2	1·5	5·8	3·3	1·477	

Earth temperature:—Mean of readings every third day; 1 foot 55°·66, 3 feet 54°·30, 6 feet 51°·69.

LONDONDERRY.

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

MAY 1881.

Day.	Barometer at 32° and M. S. L. 9 a.m.	9 p.m.	Air Temperature. 9 a.m.	9 p.m.	Min.	Max.	Tension of Vapour. 9 a.m.	9 p.m.	Relative Humidity. 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	29·448	29·563	50·2	42·7	41·0	55·5	·286	·257	80	93	Calm 0	Calm 0	10	0	·020	☽ 9a.
2	29·749	·973	45·5	44·7	38·6	53·0	·280	·255	92	87	E 1	N 1	10	5	—	
3	30·033	29·921	48·5	44·7	36·0	56·2	·257	·235	75	79	W 1	S 3	10	10	·060	Fine all day. ● 7p.—8p.
4	29·897	30·028	51·5	45·0	42·8	56·0	·233	·257	62	86	WSW 2	Calm 0	8	7	·120	
5	·820	29·857	48·5	48·7	44·0	56·0	·206	·301	90	87	SSW 3	W 2	10	10	·170	
6	29·675	30·269	52·7	47·7	46·9	57·0	·268	·261	68	80	W 4	W 2	6	2	—	
7	30·528	·699	54·9	47·7	44·8	61·3	·244	·288	57	87	W 4	Calm 0	7	0	—	Fine and clear all day.
8	·714	·697	56·1	50·8	38·1	67·3	·305	·280	68	76	E 1	Calm 0	10	10	—	
9	·698	·723	56·8	47·7	39·5	68·3	·447	·283	96	86	N 1	Calm 0	0	0	—	Fine and clear all day.
10	·735	·673	59·7	52·7	38·9	69·3	·279	·287	55	72	WSW 1	W 1	0	0	—	Fine and clear all day.
11	·629	·573	60·7	51·7	42·8	69·5	·301	·308	57	80	W 2	SW 1	0	4	—	Fine and clear.
12	·473	30·344	57·2	49·8	44·2	64·2	·280	·266	60	74	WSW 2	SW 1	5	6	—	
13	30·092	29·922	52·7	50·7	44·9	56·2	·258	·312	65	85	SW 3	SW 2	10	10	·020	
14	29·908	·805	51·7	47·7	43·6	60·6	·285	·299	74	91	SW 2	Calm 0	10	9	·200	● ▲ during day.
15	·325	·207	48·7	46·7	44·5	59·2	·314	·279	92	88	SE 3	N 2	10	10	·320	
16	·722	·927	46·6	40·7	38·4	52·0	·258	·210	82	83	N 3	NE 1	10	1	·120	
17	·451	·387	49·7	50·5	38·8	56·5	·326	·302	92	82	SSW 3	W 3	10	4	·100	
18	·258	·232	52·5	45·8	44·0	57·4	·303	·267	76	87	SW 3	WSW 3	10	3	·260	● ▲ during day.
19	·283	·416	52·0	48·7	40·2	60·5	·268	·314	70	92	WSW 2	SW 2	9	9	·250	●2 ▲2 during day.
20	29·610	29·951	50·7	46·7	44·5	57·0	·312	·268	85	85	W 2	W 2	9	1	·050	● showers till noon.
21	30·103	30·225	56·8	55·2	40·8	64·0	·319	·328	69	75	WSW 2	SW 2	8	4	—	
22	·338	·352	59·7	53·7	46·6	68·8	·322	·317	64	77	S 3	SE 1	6	0	—	Fine and clear.
23	·342	·235	63·2	58·6	44·0	72·0	·287	·322	50	65	E 2	E 2	0	0	—	Fine and clear.
24	30·163	30·083	64·6	53·7	43·0	70·8	·311	·251	51	60	NE 2	NE 1	0	0	—	Fine and clear.
25	29·940	29·815	52·9	50·8	43·8	58·4	·313	·336	78	90	ENE 2	ENE 1	10	6	—	
26	·906	·945	61·7	54·7	45·8	66·6	·373	·377	68	88	NE 1	Calm 0	6	1	—	
27	29·903	29·928	63·1	58·7	51·8	69·1	·428	·468	74	95	NE 1	SW 1	8	10	·250	
28	30·058	30·124	55·1	54·3	52·6	63·1	·361	·377	83	89	NW 1	Calm 0	10	10	—	
29	·177	·287	58·7	53·7	52·5	61·6	·387	·362	78	88	NE 1	Calm 0	10	5	—	
30	·378	·404	61·9	57·3	48·0	75·6	·400	·346	72	74	Calm 0	E 1	4	1	—	Fine and clear.
31	30·395	30·352	70·7	59·7	47·5	80·4	·423	·425	56	83	W 1	Calm 0	0	5	—	Fine and clear.
Means	30·034	30·062	55·3	50·4	43·6	62·7	·311	·304	72·2	82·7	1·9	1·1	7·0	4·6	1·940	

MARKREE CASTLE.

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

MAY 1881.

1	29·429	29·536	49·1	48·1	43·4	52·7	·321	·316	92	94	NW 2	NW 1	10	10	—	
2	29·717	·941	51·2	47·3	42·3	54·7	·302	·256	80	79	Calm 0	NW 2	10	10	—	
3	30·010	29·895	49·4	48·1	34·3	56·4	·272	·308	78	92	SSE 2	S 1	10	10	·096	☽2 a.
4	29·922	30·040	49·5	45·1	43·5	53·4	·275	·256	78	85	W 3	Calm 0	10	10	·300	▲ 9a.
5	29·815	29·867	50·9	48·5	43·3	59·2	·352	·314	95	93	SW 3	Calm 0	10	10	·088	
6	30·029	30·325	50·8	46·1	45·6	59·8	·287	·275	77	89	WSW 2	WSW 1	10	3	—	
7	·502	·671	54·9	45·3	40·3	58·3	·271	·257	63	85	Calm 0	Calm 0	8	0	—	☽2 9p.
8	·697	·631	53·1	57·9	37·6	66·7	·303	·373	75	78	S 1	Calm 0	10	10	—	
9	·652	·662	61·7	51·7	50·4	67·7	·328	·319	60	83	Calm 0	Calm 0	3	0	—	
10	·704	·662	55·9	50·1	35·1	64·2	·298	·292	67	81	Calm 0	S 2	0	0	—	
11	·620	·556	56·3	47·3	35·3	65·5	·316	·299	70	92	Calm 0	Calm 0	0	10	—	Ψ ☽2 9p.
12	·466	30·345	54·3	48·1	32·4	64·2	·290	·271	69	81	Calm 0	SW 1	6	10	—	
13	30·122	29·961	52·1	48·1	40·5	58·4	·263	·313	69	93	SW 2	SW 2	10	10	·043	
14	29·901	·775	52·9	49·1	43·1	58·0	·291	·282	73	81	SW 1	Calm 0	10	10	·199	
15	·200	·320	53·1	47·0	43·8	54·5	·280	·264	70	83	S 4	NW 6	10	10	·500	Sharp squalls p. ▲ during day.
16	·766	·908	48·4	41·6	41·1	53·1	·286	·235	84	90	NW 5	Calm 0	8	10	·130	Sharp squalls before 9a. ☽2 9p.
17	·474	·402	54·1	48·9	40·9	57·7	·396	·292	94	85	W 2	WSW 3	10	10	·067	[9.30p.
18	·261	·235	54·9	44·3	44·3	54·9	·326	·268	77	92	SW 4	S 1	10	6	·167	⌒ 7.30p. Evening observations at
19	·278	·466	49·1	48·1	39·6	57·4	·290	·280	83	84	SW 1	WSW 2	10	10	·094	▲ during day.
20	29·673	29·965	52·1	45·3	45·3	56·8	·291	·263	75	87	WNW 3	Calm 0	10	1	·006	
21	30·089	30·197	55·3	53·2	37·4	63·2	·335	·324	77	80	SW 4	SSE 2	10	7	—	< 0·30a.
22	·296	·308	56·4	53·1	44·9	65·5	·314	·321	69	79	SSE 3	SE 2	8	0	—	
23	·273	·179	64·0	58·1	37·4	68·7	·381	·331	64	69	E 1	E 2	0	0	—	☽2 a.
24	30·070	30·003	62·5	53·2	50·5	68·4	·345	·259	61	64	E 3	E 2	0	0	—	
25	29·865	29·785	59·0	50·8	46·4	59·9	·377	·343	76	92	E 2	ESE 2	10	10	·008	
26	·868	·904	61·1	58·4	46·0	72·0	·398	·424	75	87	Calm 0	Calm 0	1	10	·018	
27	29·876	29·960	61·6	52·6	52·3	65·4	·444	·384	81	97	Calm 0	NW 2	10	10	·394	
28	30·064	30·114	54·1	51·7	45·5	62·4	·362	·349	87	91	NW 2	Calm 0	10	8	—	☽2 9p.
29	·172	·266	57·3	52·1	46·5	61·1	·393	·368	84	94	NW 1	Calm 0	10	7	—	☽2 9p.
30	·353	·378	64·6	53·7	42·2	73·6	·456	·341	76	83	Calm 0	NNE 1	8	2	—	
31	30·366	30·317	67·0	56·1	43·3	75·2	·377	·401	57	88	Calm 0	N 2	0	0	—	
Means	30·017	30·051	55·4	50·0	42·4	61·6	·330	·309	75·4	85·5	1·6	1·2	7·5	6·6	2·110	

DUBLIN.

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

MAY 1881.

Day.	Barometer at 32° and M. S. L. 9 a.m.	9 p.m.	Air Temperature. 9 a.m.	9 p.m.	Min.	Max.	Tension of Vapour. 9 a.m.	9 p.m.	Relative Humidity. 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	29·475	29·524	50·2	48·1	44·8	53·7	·280	·289	78	86	WSW 4	W 2	6	6	·180	
2	29·795	·927	47·3	47·1	44·1	51·3	·276	·259	85	80	N by E 3	NNE 2	9	9	—	Cold at night.
3	30·058	29·991	48·5	47·2	39·2	51·8	·243	·253	71	79	ENE 2	SE 3	5	10	·011	Very bright *a*. Cloudy and cool *p*.
4	29·948	30·078	52·1	47·9	46·9	56·8	·267	·266	69	81	WbyN 3	W 2	3	2	·212	Bright early *a*. ● 2 ▲ 1*p*. ⊤ 1.20*p*.
5	29·981	29·948	51·1	56·3	46·0	60·2	·320	·387	84	85	SW 4	WSW 5	10	6	·052	Squally ⸝ *a*. and *p*.
6	30·089	30·378	56·3	50·6	50·2	60·6	·291	·278	64	75	W 4	W 2	4	2	—	⸝ *a*. Very fine and mild *a*.
7	·590	·665	54·7	53·1	45·9	62·4	·289	·344	68	84	W 3	Calm 0	2	1	—	Very fine and bright *a*. ≋ 9 *9p*.
8	·704	·658	55·1	52·3	45·9	58·3	·324	·284	74	72	E 2	E 1	0	0	—	Brilliant throughout, with streaks of [cir. at times.
9	·664	·684	55·0	50·1	46·0	58·6	·278	·268	65	74	E by N 2	E 2	8	3	—	
10	·737	·699	51·2	45·1	44·8	53·1	·251	·234	67	78	E by S 2	E 2	1	0	—	Overcast early *a*. Day brilliant.
11	·657	·552	53·2	52·3	35·1	62·0	·214	·305	53	77	WNW 2	Calm 0	1	4	—	Brilliant with cool breeze. [11*p*.
12	·492	·358	55·9	54·9	46·0	66·1	·284	·280	62	65	W 2	Calm 0	2	1	—	⌣ 0 early *a*. Brilliant and warm. Ψ
13	30·208	30·004	54·3	53·7	43·9	62·5	·269	·288	64	69	WbyS 3	WSW 4	2	9	·080	Beautiful day. Red glow on cirrus at [sunset.
14	29·952	29·851	53·9	53·6	48·2	57·3	·316	·328	76	79	WSW 2	W 2	9	8	·120	Much cir. *a*.
15	·375	·209	56·2	50·0	49·0	58·7	·360	·302	79	84	SW 5	WNW 5	9	8	·172	[*p*.) ⌒ *p*. Bar. 29·093 5.30*p*. ⸝ with squalls *a*. and *p*., (fresh gale
16	·657	·961	52·7	47·7	46·8	57·4	·258	·219	65	67	NWby N 5	WNW 3	4	3	·040	Squally ⸝ *a*. Very bright *p*. Partial
17	·588	·498	55·1	52·3	45·1	61·7	·374	·325	86	82	SW 5	W 3	10	4	·041	Squally ⸝ *a*. [○ 6*p*.
18	·403	·356	55·3	51·2	49·8	60·3	·302	·279	69	74	WSW 4	WSW 3	9	6	·025	
19	·366	29·527	54·3	51·6	46·7	60·8	·284	·294	68	77	WSW 4	W 4	5	4	·060	▲ showers *p*.
20	29·711	30·005	54·0	50·4	46·0	60·3	·252	·265	60	73	W 6	W 2	4	0	·041	Squally ⸝ *a*.
21	30·183	·298	57·2	54·2	44·5	64·4	·289	·308	62	73	SW 4	SW 2	6	1	—	Cold in past *n*.
22	·381	·362	62·2	52·0	51·8	63·6	·353	·287	63	74	SE 3	ESE 2	3	0	—	Brilliant day.
23	·319	·188	57·1	56·2	46·8	63·5	·310	·337	67	74	E by S 3	SE 3	0	0	—	Cloudless but with ∞. Cool breeze.
24	30·118	30·006	58·5	53·8	49·9	63·4	·336	·315	68	76	SE 3	ESE 2	0	1	—	Cloudless but with ∞. ⸝ *p*.
25	29·877	29·824	52·3	49·9	49·3	54·3	·331	·335	84	94	ENE 2	E 2	10	1	·226	● 2 ≋ 9 (mist) *p*.
26	·878	·921	60·8	59·0	48·8	63·7	·428	·424	81	86	E 2	E 2	0	8	·186	Fine and warm with ∞. Distant ⊤ *p*.
27	29·889	29·939	55·0	57·9	53·9	61·5	·400	·428	92	89	NE 1	W 2	10	7	·080	
28	30·050	30·097	57·1	57·3	53·2	61·7	·382	·404	81	86	WNW 2	NW 1	8	9	—	
29	·132	·250	57·8	57·6	54·0	63·4	·398	·429	83	90	NNW 2	ESE 1	8	0	—	Upper clouds from S. *a*. ⌓ 2 *p*.
30	·369	·389	59·8	53·0	50·5	62·4	·345	·288	68	72	E 2	E 2	1	0	—	Partial ○ 9*a*. Brilliant day.
31	30·400	30·323	61·9	56·7	42·0	65·6	·302	·368	54	80	E 2	E 1	0	0	—	Cold early *a*. Hot sunshine during [day. ∞ *p*.
Means	30·063	30·080	55·0	52·4	46·9	60·0	·310	·312	71·3	78·5	3·0	2·2	4·8	3·6	1·532	

PARSONSTOWN.

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

MAY 1881.

1	29·479	29·554	50·3	49·5	43·2	56·0	·319	·292	88	83	SW 1·5	NW 1	8	9	·160	
2	29·708	·936	49·9	49·9	43·8	55·6	·281	·304	79	86	N 0·4	N 0·4	7	10	·006	▲ *p*.
3	30·029	29·969	48·0	49·4	44·0	57·8	·261	·315	78	90	SSE 0·3	Calm 0	8	10	·094	
4	29·968	30·108	53·5	45·5	45·2	57·1	·279	·250	68	83	WSW 3	SW 2	6	1	·205	≋ 0 (mist) *9p*.
5	29·935	29·962	51·5	54·1	43·7	56·2	·349	·396	91	94	SSW 2	SW 3·5	10	10	·376	
6	30·122	30·404	54·3	47·9	47·6	58·6	·271	·278	65	84	WSW 3·	WSW 2	6	0	—	
7	·603	·684	54·5	50·6	42·2	64·0	·295	·270	70	73	SW 0·5	N 0·3	3	0	—	
8	·681	·639	61·5	56·5	39·2	67·0	·327	·304	60	67	Calm 0	E 0·5	2	9	—	
9	·660	·675	56·5	51·5	42·4	65·8	·300	·250	66	66	ESE 0·3	ESE 1	4	0	—	≋ 0 (mist) *9p*.
10	·709	·695	56·9	46·8	38·0	63·3	·259	·248	56	78	ESE 0·4	ESE 0·3	2	0	—	≋ 0 (mist) before 9*a*.
11	·662	·590	55·0	50·7	35·0	65·5	·295	·293	69	80	SW 1	WSW 0·5	3	3	—	≋ 0 (mist) *p*.
12	·514	·402	53·7	47·5	36·9	64·7	·307	·257	74	79	WSW 1	WSW 0·3	2	0	—	≋ 0 (mist) *p*.
13	30·204	30·020	52·5	51·0	39·0	57·2	·252	·323	64	86	WSW 3	WSW 4	5	10	·066	
14	29·949	29·849	51·7	48·7	47·2	56·4	·322	·296	84	86	SSW 1	S 0·4	10	10	·360	
15	·331	·384	53·3	47·0	46·6	54·9	·276	·266	68	83	SSW 2	W 7	5	10	·194	
16	·774	·979	51·0	48·4	44·7	57·4	·283	·256	76	76	NW 4	SSW 1	6	10	·450	≋ 0 (mist) *9p*.
17	·599	·503	54·7	51·4	45·3	56·3	·406	·321	95	85	SW 2	W 2	10	10	·156	
18	·376	·319	52·7	48·1	46·4	58·8	·280	·284	70	85	WSW 2	WSW 2	6	10	·336	
19	·365	29·558	51·5	47·5	43·0	57·8	·305	·281	80	86	SW 3	W 2	10	7	·049	
20	29·769	30·031	51·3	46·3	44·0	58·1	·263	·254	70	81	W 3	SW 1	4	0	·010	⌓ *9p*.
21	30·147	·272	58·0	51·3	41·0	64·0	·318	·308	66	81	S 1	SSE 2	5	0	—	
22	·338	·340	57·5	52·5	46·4	66·1	·339	·294	72	74	SSE 0·5	SE 1	8	0	—	
23	·261	30·157	62·3	58·5	39·0	72·8	·288	·359	51	73	E 0·6	E 0·4	0	0	—	
24	30·020	29·971	64·7	55·4	49·1	71·0	·329	·293	53	67	ESE 1·3	E 1	0	0	—	≋ 0 (mist) *9p*.
25	29·850	·786	69·9	52·3	46·6	62·8	·336	·296	65	75	E 0·7	E 0·2	1	2	—	
26	·873	·893	62·1	59·7	44·4	73·2	·385	·396	70	77	Calm 0	E 0·4	0	4	·035	
27	29·884	29·993	59·4	55·1	43·0	62·0	·459	·366	91	84	W 0·2	WSW 0·5	10	9	—	
28	30·071	30·115	57·5	53·8	45·0	61·3	·386	·356	81	86	WNW 0·4	N 0·2	8	9	—	
29	·179	·272	58·0	55·5	46·4	68·0	·385	·343	80	77	NNW 1	NW 0·5	10	1	—	≋ 0 (mist) *9p*.
30	·365	·389	63·7	58·1	54·6	73·9	·426	·339	72	70	N 0·7	Calm 0	5	2	—	≋ 0 (mist) *9p*.
31	30·388	30·330	66·8	62·4	57·3	77·2	·329	·392	50	70	S 0·3	S 0·1	2	0	—	≋ 0 (mist) *9p*.
Means	30·058	30·090	55·9	51·7	44·6	62·6	·320	·306	71·7	79·5	1·5	1·2	5·4	4·7	2·497	

DUNROBIN CASTLE.

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

JUNE 1881.

Day.	Barometer at 32° and M. S. L. 9 a.m.	9 p.m.	Air Temperature. 9 a.m.	9 p.m.	Min.	Max.	Tension of Vapour. 9 a.m.	9 p.m.	Relative Humidity. 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	30·258	30·188	67·4	57·9	50·1	70·8	·494	·331	74	69	W	E	—	—	—	Fine and hot.
2	·080	30·113	69·2	55·5	49·4	73·3	·375	·358	52	81	W	W	—	—	—	Fine and hot.
3	30·014	29·835	57·6	55·0	47·8	61·2	·346	·362	73	84	W	NW	—	—	—	Overcast.
4	29·639	·346	54·7	52·5	51·6	58·2	·393	·368	92	94	W	W	—	—	·210	Dull.
5	·332	·439	54·7	44·9	44·2	58·2	·321	·293	75	99	W	W	—	—	·050	Windy, but clear and mild.
6	·546	·696	49·0	41·6	40·5	54·5	·276	·261	79	99	NW	W	—	—	·220	Cloudy and mild.
7	29·721	29·846	46·6	39·9	38·6	49·0	·292	·235	93	96	NE	N	—	—	·170	Cold. ● showers.
8	30·023	30·254	46·4	41·9	31·5	51·5	·289	·257	92	97	NE	SE	—	—	—	✳ ● (sleet) showers. ● 0 later.
9	·265	·259	50·0	44·2	38·6	55·3	·348	·290	97	100	NW	NW	—	—	—	Cold but fine.
10	·154	·139	45·6	43·9	32·5	49·7	·304	·287	99	100	NE	NE	—	—	—	Cold but fine.
11	·054	·024	48·3	45·4	41·7	53·5	·272	·283	81	94	NW	N	—	—	·030	Cold but fine.
12	·024	·046	50·5	47·5	42·7	53·0	·342	·281	94	86	NW	NE	—	—	·120	Dull.
13	·104	30·111	54·7	43·4	43·7	57·9	·379	·251	89	89	NW	NE	—	—	—	Fine.
14	30·053	29·972	49·7	46·9	41·3	53·3	·302	·288	85	91	NE	NE	—	—	—	Dull.
15	29·946	·949	49·5	48·7	43·7	52·7	·304	·314	87	92	E	NE	—	—	—	Dull and cold.
16	·956	·961	52·3	50·7	48·1	57·2	·344	·340	88	92	E	E	—	—	·220	Dull.
17	·953	·951	50·3	50·7	48·6	51·3	·344	·326	95	88	NE	NE	—	—	·340	Dull all day.
18	·856	·763	50·7	51·0	49·6	53·7	·340	·336	92	90	NE	E	—	—	·370	Dull all day.
19	·761	·659	52·5	53·5	50·1	56·3	·368	·382	94	94	SW	E	—	—	·320	≋ *a*. Warmer.
20	·498	·516	53·7	54·5	50·6	64·6	·379	·396	92	94	NE	SE	—	—	·300	● showers *a*. Warm.
21	·338	·211	55·3	56·0	50·6	59·2	·399	·391	91	87	NE	SE	—	—	·180	Dull.
22	·294	29·543	54·3	52·7	51·6	59·4	·370	·370	88	93	SW	SW	—	—	·150	Dull.
23	29·839	30·157	53·0	45·9	45·7	56·9	·335	·300	83	98	W	NW	—	—	—	Dull and mild.
24	30·064	29·805	57·0	55·7	44·5	60·9	·420	·409	90	92	E	SW	—	—	—	Fine and mild.
25	29·688	·751	55·7	54·7	53·4	65·4	·409	·393	92	92	S	W	—	—	—	Dull *a*. Fine *p*.
26	·961	·977	58·2	52·7	48·6	62·4	·433	·365	89	92	W	N	—	—	·050	Fine.
27	·703	·782	54·5	53·0	46·9	62·4	·402	·374	95	93	S	N	—	—	—	Dull.
28	·809	29·908	58·9	50·7	43·5	60·2	·469	·340	95	92	W	W	—	—	·140	Fine *a*. ● showers *p*.
29	29·835	30·070	57·4	50·7	45·9	60·4	·415	·352	88	95	W	W	—	—	·030	● showers.
30	30·007	29·712	54·5	55·3	42·2	56·9	·411	·386	97	88	E	E	—	—	·400	
Means	29·859	29·866	53·7	49·9	45·3	58·0	·363	·331	87·7	91·7	—	—	—	—	3·300	

BRAEMAR.

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

JUNE 1881.

1	30·189	30·111	67·0	61·6	45·3	75·3	·355	·364	53	67	SW 1	SE 0·5	0	1	—	Fine.
2	·031	30·066	66·7	55·5	44·5	71·5	·310	·353	48	76	SW 2	SW 1	0	2	—	Fine.
3	30·012	29·843	54·5	54·0	44·5	67·3	·270	·347	64	83	SW 3	SW 1	6	8	·090	Fine.
4	29·640	·309	57·4	53·3	50·4	60·0	·352	·338	74	83	SW 6	S 2	7	7	—	
5	·360	·427	50·0	43·9	43·1	60·1	·217	·235	61	82	W 4	W 1	5	7	·050	Fine *a*. ● showers *p*.
6	·480	·624	45·3	40·1	39·5	54·5	·237	·185	79	74	NE 1	NW 1	7	7	·080	
7	·655	29·821	43·6	36·0	36·0	46·5	·201	·189	71	89	NW 2	N 1	7	10	·160	
8	29·948	30·144	42·2	38·9	34·7	47·7	·185	·179	70	77	N 2	NE 2	3	6	·020	
9	30·242	·238	40·6	41·7	35·7	49·8	·172	·189	68	73	NE 2	NE 1	7	6	—	Fair but cold.
10	·095	30·076	43·9	42·6	26·9	55·5	·201	·206	70	76	NE 0·5	NE 1	7	8	—	Fair but cold.
11	30·006	29·991	48·5	44·6	32·4	57·8	·207	·228	61	77	N 1	NE 0·5	2	8	—	Dull.
12	29·985	30·021	49·9	48·2	42·0	55·5	·257	·290	71	87	N 0·5	N 0·5	8	8	·030	Dull.
13	30·046	30·069	51·0	48·7	44·0	64·5	·246	·247	66	72	W 0·5	E 2	6	7	—	Clear and fine.
14	29·997	29·950	52·0	49·5	39·3	64·3	·299	·288	77	82	E 1	E 1	7	9	—	Clear and fine.
15	·869	·901	52·2	54·5	42·0	64·5	·321	·325	82	77	E 1	SE 1	3	7	—	Clear and fine.
16	·932	·939	50·0	48·3	46·9	57·5	·322	·313	90	93	NE 1	E 1	0	5	·120	Dull.
17	·890	·880	48·5	50·2	46·0	52·7	·324	·346	96	96	E 0·5	NE 2	10	10	·780	Damp, with ≋ 0 (mist).
18	·773	·705	53·3	55·5	48·8	58·9	·390	·384	96	87	E 1	SE 1	10	8	·060	Damp, with ≋ 0 (mist).
19	·717	·606	57·6	52·8	46·6	62·7	·334	·364	71	91	S 1	NE 1	4	7	·040	
20	·445	·500	57·1	53·3	49·0	63·5	·345	·292	74	72	SW 1	SW 3	6	7	·030	Fine.
21	·300	·253	54·0	54·0	42·3	60·6	·357	·315	85	75	SE 1	S 6	9	7	·250	● *a*. Fine *p*.
22	·345	29·450	48·7	52·8	48·7	59·5	·309	·325	90	81	SW 4	SW 1	7	8	·020	
23	29·818	30·131	51·7	48·7	46·3	56·9	·265	·290	72	85	NW 1	NE 1	3	7	·020	
24	30·056	29·884	50·9	52·2	44·5	58·3	·267	·297	72	76	S 4	SW 4	7	8	·090	Fine.
25	29·721	·767	50·9	51·7	48·0	60·5	·342	·324	92	84	S 6	SW 4	9	7	·110	
26	·981	·992	52·7	49·5	46·0	58·3	·254	·256	65	73	SW 4	W 1	7	5	·050	
27	·723	·803	50·5	47·5	44·1	58·5	·299	·281	82	87	SW 4	W 1	8	4	—	Fine.
28	·835	29·967	53·5	46·1	41·1	59·5	·268	·275	66	89	SW 4	S 1	6	4	·040	
29	29·889	30·071	51·0	49·7	46·1	57·5	·292	·272	78	77	SW 4	SW 1	7	8	·010	Fine.
30	30·001	29·660	49·9	55·2	41·0	55·8	·283	·381	80	88	SW 1	SW 6	8	7	·340	● ≋ 0 (mist).
Means	29·833	29·840	51·5	49·4	42·9	59·2	·283	·289	74·1	81·0	2·2	1·7	5·9	6·8	2·450	

LAUDALE.

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

JUNE 1881.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	
	ins.	ins.	°	°	°	°	in.	in.	%	%					ins.	
1	30·214	30·162	67·8	53·0	47·5	75·0	·076	·355	88	88	Calm 0	Calm 0	5	0	—	
2	·127	30·161	63·1	53·4	46·8	64·3	·378	·368	66	90	NW 1	W 1	0	6	—	
3	30·099	29·939	55·0	54·2	51·5	56·1	·339	·385	79	92	W 2	SW 4	7	10	·270	≋0 (mist) *a.* ● ≋2 *p.*
4	29·724	·422	55·2	49·0	52·4	56·2	·398	·335	91	97	SW 4	W 3	10	10	·670	● ≋2 *a.*
5	·425	·470	51·2	47·8	45·1	53·9	·286	·263	76	79	W 4	WNW 2	8	7	·030	≋0 (mist) *a.*
6	·537	·729	51·5	43·0	41·7	55·0	·295	·225	78	81	WNW 2	NNW 4	7	5	·010	▲ showers *p.*
7	29·777	29·883	45·0	42·3	39·4	50·0	·237	·209	79	78	NNW 3	NNW 4	8	5	—	▲ showers *a.* and *p.*
8	30·060	30·189	46·5	43·2	37·0	52·3	·237	·226	75	81	NNE 3	NNE 2	7	5	—	▲ showers *a.*
9	·299	·243	47·5	42·0	37·7	53·6	·218	·227	67	86	NE 2	N 1	5	5	—	Squalls from SSE. *a.*
10	·083	·057	48·8	47·0	41·6	52·0	·257	·251	74	78	SSE 3	Calm 0	6	5	·090	Threatening appearance *a.*
11	·057	·037	50·8	49·5	38·4	56·8	·265	·269	71	76	Calm 0	NNW 1	0	0	—	
12	·043	·072	53·0	48·8	38·6	56·2	·207	·282	74	81	NNW 2	NW 2	5	6	—	Threatening appearance *a.*
13	·111	30·058	53·8	52·8	46·0	60·6	·317	·318	76	79	NW 3	Calm 0	3	0	—	
14	30·014	29·920	55·5	57·6	43·9	66·3	·345	·346	78	73	ESE 2	ESE 2	3	2	—	
15	29·849	·889	60·0	57·4	51·5	61·0	·367	·395	71	84	SE 4	SSE 2	6	7	—	Squally *p.*
16	·868	·810	59·3	56·7	52·0	61·9	·377	·387	75	84	SE 2	SE 4	8	10	·210	Squally *a.* ∞ till 6*p.* then ● · T 4*p.*
17	·754	·741	56·0	56·3	53·7	59·5	·378	·415	84	91	ESE 4	ESE 2	8	10	·690	Very dull and heavy. ≋0 (mist).
18	·684	·667	59·7	57·2	56·0	64·0	·427	·378	84	81	ESE 2	SSE 4	8	7	·520	≋0 (mist) *a.* Very dark clouds.
19	·702	·611	61·0	53·0	53·8	64·8	·383	·369	72	92	SE 3	Calm 0	6	6	·070	Much ∞ *a.*
20	·507	·467	58·0	55·2	52·6	62·3	·388	·368	80	85	SW 2	S 2	6	7	·960	≋0 (mist) *p.*
21	·165	·101	55·1	53·8	52·8	60·8	·422	·353	99	85	SSE 6	S 7	10	10	1·080	●2 till 9.50*a.* ≋0 (mist).
22	·320	29·531	52·2	50·2	51·4	55·8	·358	·355	92	98	S 4	SW 5	10	10	·230	≋0 (mist) *a.*
23	29·957	30·169	49·8	45·2	46·9	54·0	·293	·262	82	88	W 5	Calm 0	9	5	—	≋0 (mist) *a.*
24	30·039	29·826	57·8	54·0	41·2	60·7	·390	·371	81	89	S 3	S 7	6	10	·560	Squally *a.*
25	29·686	29·774	56·2	52·8	41·8	61·8	·388	·333	86	83	SW 3	SW 5	7	9	·270	≋0 (mist). Squally ✎ *p.*
26	30·074	30·002	52·5	53·5	48·4	59·0	·300	·283	76	70	SW 4	S 3	6	8	·530	Clouds very *white a.* Wind changed [W. to S. 6.30*p.* and Bar. began [to fall.
27	29·776	29·838	51·0	51·8	50·7	58·1	·343	·313	92	81	SW 7	WSW 3	10	7	·130	●2 *n.* ≋0 (mist) *a.* ∞ *p.*
28	·874	29·960	53·0	53·0	48·6	58·0	·345	·327	85	81	WSW 4	WSW 2	9	8	·600	≋0 (mist) *a.* and *p.*
29	·910	30·114	50·9	51·2	50·0	56·8	·322	·323	86	86	WSW 5	WSW 2	7	8	·240	
30	29·925	29·701	52·0	53·0	49·8	60·3	·361	·374	93	93	ESE 5	S 2	10	8	·690	≋0 (mist) *a.* and *p.* Cold *a.*
Means	29·855	29·851	54·3	51·3	47·0	58·9	·343	·322	80·2	84·3	3·1	2·5	6·7	6·5	7·850	

DUNDEE.

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

JUNE 1881.

1	30·239	30·164	67·4	55·4	48·2	78·9	·431	·382	64	87	SW 1	SE 1	0	0	—	Fine day.
2	·104	30·101	71·4	61·5	49·2	78·9	·443	·339	57	62	SW 1	SW 2	0	5	—	Fine day.
3	30·071	29·908	61·5	56·5	48·2	65·7	·315	·344	58	75	W 8	W 8	5	10	—	
4	29·723	·371	59·5	56·5	55·2	64·7	·385	·395	76	86	SW 8	SW 8	10	10	·050	
5	·394	·440	55·4	55·4	47·2	64·7	·228	·196	52	45	NW 8	NW 2	5	7	—	
6	·491	·636	52·4	40·4	39·3	58·7	·270	·194	69	78	SE 1	N 1	10	7	·650	● 11.30*a.*—7*p.* ▲ 5.30*p.* Distant T.
7	·679	29·823	49·4	41·4	37·3	51·7	·205	·203	58	79	NE 6	N 2	5	10	—	
8	29·993	30·192	48·4	41·4	34·2	52·7	·213	·203	63	79	NE 2	NE 2	10	7	·050	Showers of ✳ ● ▲.
9	30·258	·257	45·4	41·4	35·2	53·7	·203	·242	67	93	NE 4	SE 1	10	7	—	Dull day.
10	·134	30·103	47·4	44·4	34·2	54·7	·220	·230	68	79	SE 1	SE 1	10	10	—	Dull day.
11	·046	29·995	52·4	46·4	40·3	61·7	·251	·250	64	80	SW 2	SE 2	5	10	—	Fine day.
12	·009	30·039	57·5	50·4	45·3	59·7	·309	·315	65	86	SE 1	SE 1	10	10	·100	Dull day.
13	·095	30·126	50·4	45·4	45·3	62·7	·315	·260	86	87	E 1	E 1	10	10	—	
14	30·062	29·997	50·4	46·4	44·3	56·7	·269	·271	74	87	SE 1	SE 1	10	7	—	Fine day.
15	29·942	·950	49·4	48·4	42·3	56·7	·303	·315	86	93	SE 1	SE 1	10	10	—	Dull day.
16	·970	·945	48·4	48·4	47·2	49·7	·340	·315	100	93	SE 2	SE 4	10	10	·700	● till 9*p.*
17	·913	·873	49·4	49·4	48·2	51·7	·327	·353	93	100	SE 6	SE 6	10	10	·500	● till 8.30*a.*
18	·811	·762	52·4	51·4	49·2	53·7	·366	·353	93	93	SE 2	NE 1	10	10	·100	
19	·776	·638	56·5	50·4	49·2	65·7	·424	·366	93	100	S 1	SE 1	10	10	—	Dull day. ≋ from 4*p.*
20	·528	·547	61·5	54·4	49·2	66·7	·389	·366	72	87	SW 1	SW 1	5	10	·100	
21	·340	·265	54·4	55·4	51·2	66·7	·394	·331	93	75	SW 4	SW 6	10	10	·050	T ● 11.30*a.*—0.15*p.*
22	·385	29·532	57·5	54·4	52·2	66·7	·357	·366	75	87	SW 2	SW 1	5	10	·050	
23	29·868	30·172	54·4	51·4	49·2	63·7	·272	·328	64	86	NW 1	SE 2	10	10	—	
24	30·160	29·956	56·5	54·4	44·3	62·7	·298	·294	65	69	W 2	W 6	5	10	·300	
25	29·794	29·814	51·4	54·4	50·2	64·7	·353	·366	93	87	SW 1	W 2	10	7	·050	
26	30·028	30·024	57·5	53·4	47·2	63·7	·287	·282	61	69	W 2	W 1	5	7	·100	
27	29·794	29·828	51·4	52·4	49·2	63·7	·328	·292	86	74	SW 2	W 1	10	7	·050	● in past *n.* T 8*a.*
28	·891	29·970	55·4	52·4	42·3	65·7	·308	·292	70	74	W 6	W 1	5	7	—	
29	29·929	30·125	55·4	50·4	48·2	63·7	·331	·269	75	74	SW 8	NW 1	10	7	—	
30	30·074	29·787	51·4	56·5	42·3	56·7	·328	·424	86	93	SE 1	SW 1	10	10	·250	● 8.30*a.*—4*p.*
Means	29·883	29·878	54·4	50·7	45·5	61·6	·315	·305	74·2	81·9	2·9	2·3	7·8	8·5	3·100	

ROTHESAY.

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

JUNE 1881.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	
	ins.	ins.	°	°	°	°	in.	in.	%	%					ins.	
1	30·278	30·180	68·8	56·6	49·1	74·0	·475	·378	67	82	S	W	—	—	—	
2	·155	·192	66·1	53·0	47·1	70·5	·405	·340	64	84	W	NW	—	—	—	
3	30·151	30·003	55·0	53·2	46·6	60·1	·381	·406	88	100	SW	WSW	—	—	·015	Cloudy and blowy.
4	29·811	29·464	56·2	52·6	51·1	59·0	·391	·397	87	100	WSW	W	—	—	·420	Cloudy and blowy.
5	·485	·504	54·0	46·7	44·6	57·5	·315	·272	75	86	SW	WNW	—	—	—	
6	·521	·693	53·2	43·7	39·6	60·1	·259	·262	64	92	NNW	NW	—	—	·430	▲ showers. T to E. 0.30*p.*
7	29·756	29·860	49·2	43·6	35·7	53·9	·237	·194	67	68	NW	NW	—	—	·088	
8	30·056	30·212	49·8	45·3	33·2	56·0	·214	·209	60	70	N	NNW	—	—	—	
9	·298	·270	47·0	43·9	34·7	56·5	·204	·229	63	79	NNE	NW	—	—	·015	
10	·119	·052	47·6	48·0	40·6	49·9	·279	·322	86	97	E	ENE	—	—	·200	Dull with ●
11	·067	·019	53·8	46·7	43·1	61·1	·290	·240	70	76	NE	Calm	—	—	—	Clear and fine.
12	·053	·078	52·6	46·6	38·7	58·0	·285	·280	72	89	NW	W	—	—	—	
13	·096	30·064	58·9	53·0	42·6	66·1	·313	·327	63	81	NW	WSW	—	—	—	Clear and fine.
14	30·038	29·937	60·4	55·0	45·1	68·0	·368	·359	70	83	NE	Calm	—	—	—	Clear and warm.
15	29·905	·935	53·5	55·0	46·4	58·5	·349	·406	85	94	E	Calm	—	—	·125	Dull and mild.
16	·897	·820	54·6	54·0	50·1	59·0	·386	·409	90	98	ENE	E	—	—	·280	Dull.
17	·761	·757	55·3	55·0	51·6	60·4	·411	·415	94	96	E	E	—	—	·740	Dull.
18	·685	·717	59·5	54·0	52·1	62·6	·467	·374	92	90	E	SSE	—	—	·430	Dull.
19	·775	·632	59·1	56·0	51·1	65·3	·390	·399	78	89	SSE	Calm	—	—	·020	
20	·588	·515	56·9	55·0	50·6	64·4	·381	·395	83	91	SW	SE	—	—	·740	Cloudy and mild.
21	·252	·203	56·0	53·0	51·1	61·1	·449	·380	100	94	S	S	—	—	·240	Dull. ● *p.*
22	·372	29·548	57·9	53·2	49·6	61·7	·348	·394	72	98	S	SW	—	—	·100	
23	29·982	30·204	50·6	47·0	45·6	57·0	·285	·264	77	83	NW	NW	—	—	—	Chilly.
24	30·118	29·907	59·9	52·6	39·1	62·6	·348	·375	68	95	S	SSW	—	—	·175	Cloudy.
25	29·811	29·900	54·6	52·2	48·6	63·1	·412	·350	97	90	S	W	—	—	·030	Cloudy.
26	30·092	30·032	57·9	53·6	47·1	61·6	·348	·320	72	77	W	SW	—	—	·326	
27	29·810	29·906	52·5	51·5	49·6	59·6	·387	·335	98	88	WSW	SSW	—	—	·005	
28	·945	30·033	53·5	50·5	48·1	61·4	·346	·329	84	90	SW	SW	—	—	·006	
29	·992	30·156	53·0	52·0	48·6	61·1	·340	·340	84	87	SW	W	—	—	·290	Cloudy.
30	29·966	29·777	52·0	55·0	47·1	58·5	·383	·424	99	98	SSE	SSW	—	—	·743	Dull.
Means	29·895	29·886	55·3	51·3	45·6	61·0	·348	·337	79·0	88·2	—	—	—	—	5·418	

PINMORE.

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

JUNE 1881.

1	30·268	30·201	71·4	60·0	38·9	75·9	·369	·441	48	86	SW	W	—	—	—	
2	·160	·204	73·4	55·4	47·2	73·9	·332	·348	40	80	W	W	—	—	—	
3	30·176	30·047	57·0	44·4	44·4	62·6	·383	·265	82	91	W	W	—	—	·010	
4	29·840	29·494	60·0	58·0	44·3	73·9	·291	·410	56	85	SW	W	—	—	1·010	
5	·555	·565	53·9	45·9	45·9	64·1	·302	·260	73	85	W	SW	—	—	·010	
6	·557	·715	56·4	44·9	44·3	60·1	·303	·248	66	84	N	N	—	—	·010	
7	29·770	29·850	45·9	42·0	39·4	56·1	·249	·220	81	83	N	N	—	—	—	
8	30·017	30·183	52·8	44·9	38·4	57·1	·251	·248	63	84	N	N	—	—	—	
9	·252	·259	49·8	44·0	31·5	57·1	·241	·248	68	86	NW	NW	—	—	—	
10	·109	30·018	48·9	46·9	40·4	51·1	·271	·292	78	92	E	S	—	—	·110	
11	·028	29·995	55·5	44·9	42·4	59·1	·335	·269	76	91	W	W	—	—	—	
12	·051	30·063	50·3	45·9	36·0	59·1	·277	·270	76	88	NW	W	—	—	—	
13	·064	30·063	57·8	44·9	35·5	63·1	·279	·269	58	91	N	NW	—	—	—	
14	30·026	29·944	61·6	54·4	36·5	67·0	·329	·330	60	78	S	S	—	—	—	
15	29·927	·901	53·9	53·9	44·3	58·1	·384	·402	93	97	S	S	—	—	—	
16	·845	·797	64·0	60·0	50·6	65·0	·406	·456	68	89	S	S	—	—	·390	
17	·714	·713	57·5	52·8	50·6	62·1	·402	·340	85	85	S	S	—	—	·690	
18	·688	·716	56·7	55·4	50·1	63·1	·427	·348	93	80	SE	S	—	—	·250	
19	·719	·647	57·5	53·9	52·5	65·0	·375	·408	80	98	S	S	—	—	·010	
20	·582	·500	57·0	53·9	52·0	63·1	·367	·351	79	85	S	S	—	—	·660	
21	·262	·271	55·9	53·9	53·9	61·1	·409	·351	92	85	S	SW	—	—	—	
22	·424	29·553	58·5	54·1	48·2	63·1	·339	·349	70	84	W	W	—	—	·020	
23	29·977	30·192	52·6	46·4	44·3	58·1	·294	·275	74	88	W	W	—	—	—	
24	30·127	29·991	60·0	54·4	42·4	62·1	·291	·359	56	85	W	SW	—	—	·340	
25	29·821	29·934	55·4	52·6	50·1	65·0	·401	·337	92	85	S	NW	—	—	·170	
26	30·118	30·036	58·5	54·9	49·1	63·1	·351	·366	72	86	NW	NW	—	—	—	
27	29·825	29·913	58·0	49·8	48·2	63·1	·357	·327	74	91	SW	W	—	—	·010	
28	29·953	30·055	55·9	50·8	47·2	60·1	·332	·340	74	91	NW	NW	—	—	·100	
29	30·011	30·191	52·8	51·3	48·2	60·6	·361	·322	90	85	W	W	—	—	·450	
30	30·048	29·814	52·8	54·8	44·3	66·0	·380	·395	95	92	S	S	—	—	·320	
Means	29·897	29·894	56·7	51·0	44·7	62·6	·336	·328	73·7	87·0	—	—	—	—	4·560	

SCALEBY.

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

JUNE 1881.

Day.	Barometer at 32° and M. S. L. 9 a.m.	9 p.m.	Air Temperature. 9 a.m.	9 p.m.	Min.	Max.	Tension of Vapour. 9 a.m.	9 p.m.	Relative Humidity. 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	30·239	30·179	63·7	58·8	45·0	75·0	·425	·430	73	87	Calm 0	Calm 0	0	0	—	
2	·151	·155	65·3	55·8	40·0	76·0	·487	·413	80	92	Calm 0	Calm 0	0	0	—	
3	30·157	30·028	60·1	56·8	45·0	63·6	·360	·378	70	81	SW 4	W 5	6	10	—	
4	29·882	29·522	61·8	54·8	53·0	63·2	·407	·421	74	98	W 5	W 7	4	10	·720	Squally ⸝ p.
5	·481	·481	53·8	48·3	45·0	59·0	·319	·298	76	89	W 5	W 1	10	0	·030	Squalls before 9a.
6	·479	·592	54·3	44·8	38·0	58·0	·304	·287	72	97	Calm 0	Calm 0	7	10	·630	● T
7	·713	29·807	44·8	42·3	36·5	50·2	·258	·245	87	92	N 2	N 2	10	8	·030	● ⸝
8	29·991	30·150	50·8	42·8	38·2	53·0	·271	·251	73	92	N 3	Calm 0	6	6	·010	
9	30·247	·241	48·3	44·8	31·0	53·0	·259	·260	76	88	NW 5	Calm 0	10	3	—	
10	·122	30·031	51·3	46·8	39·0	55·2	·336	·318	89	99	Calm 0	E 3	10	10	—	
11	30·050	29·980	50·1	48·8	42·0	61·0	·258	·343	72	99	E 3	W 3	8	0	—	
12	29·994	29·961	55·3	51·8	41·7	62·0	·396	·382	90	99	W 3	W 2	7	10	·020	
13	30·059	30·114	54·3	53·3	47·8	63·0	·375	·389	89	96	E 2	NE 2	10	8	—	
14	30·001	29·959	58·3	53·8	45·0	68·0	·443	·382	91	92	E 2	E 2	0	10	—	
15	29·876	·905	64·3	57·8	45·3	65·0	·509	·475	85	99	S 1	Calm 0	6	10	·050	
16	·887	·867	59·8	57·3	54·0	66·0	·431	·467	84	99	E 3	E 4	10	10	·220	
17	·808	·783	60·8	62·6	55·8	65·0	·419	·469	79	83	E 2	SE 3	8	10	·060	
18	·775	·799	62·3	58·8	53·0	69·0	·457	·401	82	81	SW 4	W 1	10	10	·010	
19	·765	·628	60·3	55·8	47·0	66·5	·375	·358	72	80	W 1	Calm 0	7	10	—	
20	·601	·560	59·8	57·0	51·0	63·5	·431	·384	84	82	SW 3	S 2	5	8	·220	
21	·330	·374	62·3	57·6	56·0	68·8	·436	·321	79	68	S 3	SW 2	8	6	·330	
22	·460	29·595	57·3	54·8	52·2	62·5	·378	·382	81	89	SW 4	SW 2	5	8	—	
23	29·944	30·202	53·8	52·3	50·0	62·5	·351	·324	84	82	W 4	Calm 0	8	1	—	
24	30·252	30·039	56·6	53·8	43·1	65·2	·388	·382	84	92	SW 5	Calm 0	9	5	·330	
25	29·802	29·896	54·8	54·8	51·0	63·2	·391	·427	91	99	SW 7	SW 5	10	10	·020	
26	30·074	30·067	57·3	53·3	47·0	63·0	·401	·389	85	96	SW 5	Calm 0	9	10	·050	
27	29·834	29·877	54·6	52·6	49·2	64·0	·371	·358	87	90	SW 4	W 3	10	6	—	
28	29·965	30·030	54·8	52·8	47·0	60·5	·397	·369	92	92	SW 3	SW 4	8	10	·020	
29	30·009	30·157	54·8	52·8	49·0	62·2	·397	·397	92	99	SW 5	SW 1	10	6	·050	
30	30·089	29·900	54·8	56·3	48·0	56·8	·397	·451	92	99	SW 1	SW 1	10	10	1·240	
Means	29·901	29·896	56·7	53·1	46·2	62·8	·381	·372	82·2	91·0	3·0	1·8	7·4	7·2	4·640	

SCARBOROUGH.

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

JUNE 1881.

1	30·290	30·229	61·0	51·6	51·6	62·3	·391	·330	74	86	N 1	SE 1	0	4	—	
2	·158	·109	67·6	64·1	51·6	71·1	·425	·409	63	69	SW 2	SSW 1	0	3	—	
3	30·136	30·046	63·5	57·6	56·0	68·3	·367	·348	63	74	ENE 2	WSW 1	1	7	—	
4	29·925	29·615	62·1	61·6	55·7	69·3	·418	·384	76	71	SW 3	WSW 4	10	10	·100	
5	·488	·463	55·1	49·6	49·6	69·5	·374	·322	86	91	NW 2	SE 1	10	10	·120	
6	·456	·565	54·6	47·6	46·5	59·3	·336	·256	79	78	N 2	NE 3	7	10	·010	
7	·613	29·765	49·9	46·6	46·5	53·3	·238	·235	67	74	N 3	N 4	10	10	·020	
8	29·930	30·100	51·6	45·5	45·5	52·6	·230	·216	61	72	NNE 4	N 4	2	4	·100	
9	30·175	·216	45·7	45·2	42·5	51·3	·235	·224	77	75	NNE 5	NNE 3	10	3	—	● ▲ p.
10	·147	·064	51·6	46·8	40·5	56·8	·256	·264	68	83	NNE 2	S 2	2	6	—	● ▲ before 9a.
11	30·035	·034	51·6	48·6	45·7	53·1	·266	·267	70	78	NE 2	S 1	6	3	—	
12	29·994	·018	53·6	49·6	46·6	60·3	·301	·286	73	81	W 1	NW 2	2	2	—	
13	30·048	·086	51·6	48·2	48·2	55·3	·219	·303	58	91	N 3	WNW 2	6	4	—	
14	30·078	30·009	51·6	47·6	47·6	59·3	·276	·298	73	91	NNE 2	NNE 1	2	1	—	
15	29·945	29·932	57·6	57·6	45·5	59·5	·353	·406	75	85	SW 1	S 1	0	10	·030	● ☾ 4p.
16	·952	·954	55·6	52·1	52·0	60·3	·404	·367	91	94	SSE 1	ESE 4	2	10	·150	
17	·913	·909	54·4	57·6	51·5	58·0	·406	·406	96	85	S 2	SSE 2	6	10	·030	
18	·836	·782	57·6	60·6	54·0	63·7	·441	·424	93	81	S 3	S 3	10	10	—	
19	·764	·603	54·8	55·6	54·5	61·3	·409	·404	95	91	NW 2	NW 2	10	10	·030	
20	·652	·659	62·6	58·6	52·0	68·4	·378	·407	67	83	WSW 3	S 3	3	10	·150	
21	·471	·465	60·1	57·6	53·6	68·3	·477	·434	92	91	SW 5	SW 3	10	10	·140	
22	·517	29·681	61·6	54·8	53·5	66·3	·412	·377	76	88	SW 4	WSW 2	7	2	·110	● ☾ 1p. and 7.30p.
23	29·923	30·195	61·1	55·7	51·6	64·3	·328	·344	61	78	W 5	WSW 1	5	9	—	
24	30·251	30·097	60·9	58·6	47·5	65·3	·305	·379	57	77	WSW 2	S 2	3	1	·100	
25	29·954	29·916	53·4	57·1	53·5	61·5	·374	·370	91	80	SSW 3	WSW 2	10	1	·130	
26	30·104	30·106	61·6	55·6	51·5	63·3	·331	·335	60	76	W 3	WSW 1	6	3	·010	
27	29·889	29·868	58·6	58·6	52·9	63·4	·370	·407	77	83	SSW 2	WSW 1	10	10	—	
28	29·983	30·065	60·2	56·6	49·0	65·2	·323	·316	62	69	W 2	W 1	6	5	—	
29	30·117	30·197	60·6	55·6	49·5	65·2	·365	·351	70	79	WSW 2	WSW 2	10	7	—	
30	30·180	29·996	59·8	63·1	53·5	64·3	·355	·421	69	74	SSW 2	SSW 3	9	10	·030	
Means	29·931	29·925	57·1	54·2	50·0	62·0	·346	·343	74·0	80·9	2·5	2·1	5·8	6·5	1·260	

Observer remarks: Mean sea temperature 51°·3.

DOUGLAS, ISLE OF MAN.

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

JUNE 1881.

Day.	Barometer at 32° and M. S. L. 9 a.m.	9 p.m.	Air Temperature. 9 a.m.	9 p.m.	Min.	Max.	Tension of Vapour. 9 a.m.	9 p.m.	Relative Humidity. 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	30·278	30·218	60·6	49·9	40·0	69·8	·356	·315	68	88	SE 1	N 1	0	3	—	◐ a. ≋0 (mist) 9a. ◐2 9p.
2	·154	·179	67·5	56·0	43·7	74·0	·430	·386	64	86	S 1	NNW 3	2	3	—	◐2 a. ≋0 (mist) 9a.
3	30·192	30·072	60·2	56·5	48·8	61·0	·415	·418	80	91	WSW 3	W 1	4	8	·030	
4	29·912	29·576	58·7	53·1	52·4	59·8	·404	·399	81	98	SW 4	SW 4	8	10	·570	● 2p.—9p. and during night.
5	·548	·545	53·6	45·3	45·3	57·9	·289	·268	70	89	WNW 4	WNW 1	4	4	·040	
6	·518	·635	51·5	44·8	39·7	56·7	·285	·255	75	86	NW 3	NNW 1	6	6	·100	◐2 9p. ●2 ☾ 11p.—Midnt.
7	29·739	29·823	50·0	43·0	40·1	54·2	·251	·213	70	77	N 3	NW 3	6	3	·160	●2 ☾ till 1a.
8	30·007	30·213	49·5	41·2	38·9	51·8	·240	·233	68	91	NNW 3	NNW 1	6	5	·017	
9	·260	·259	50·7	45·3	36·0	55·1	·255	·233	69	77	NW 4	NNW 1	4	8	—	Snow on the mountains.
10	·143	·001	49·2	49·5	41·1	50·7	·296	·341	85	96	SW 2	Calm 0	10	10	·520	● all day. ≋0 (mist) p.
11	·018	·023	53·3	50·5	48·5	56·6	·303	·302	74	82	E 3	W 1	10	10	—	≋0 (mist) 9a.
12	·053	·044	56·4	47·6	43·7	59·5	·449	·284	98	87	WNW 3	NNW 5–6	7	1	—	⸝ p.
13	·082	30·079	59·0	48·7	46·0	61·0	·342	·279	69	81	N 2	Calm 0	2	1	—	
14	30·023	29·950	58·0	52·3	38·4	63·5	·383	·331	79	84	SE 2	Calm 0	4	10	·140	◐2 a. ≋0 (mist) a. and p.
15	29·904	·903	52·5	54·9	44·3	57·4	·390	·400	98	94	SE 2	SE 2	10	10	·035	●0 ≋
16	·838	·778	53·5	53·3	53·0	55·7	·405	·398	98	98	ESE 3	ESE 1	10	10	·475	≋ p.
17	·737	·722	53·6	55·4	52·6	60·6	·394	·419	96	96	SE 4	SE 3	10	10	·185	● ≋ a. ⸝ ● p.
18	·673	·720	55·5	52·3	52·3	59·6	·426	·368	96	94	SE 4	S 2	10	6	·160	Squalls a. ≋ 9a. ●2 till 11a.
19	·757	·635	56·5	54·0	50·0	59·8	·384	·385	84	92	E 3	S 1	8	10	·020	≋0 (mist) 9a.
20	·626	·503	57·5	54·0	50·3	59·4	·399	·360	84	86	SSW 3	SE 2	8	10	·370	
21	·319	·339	56·4	53·0	52·7	59·2	·393	·374	87	93	S 5	SSW 5	7	10	—	Squalls before 9a. ● till 8a.
22	29·495	29·627	55·7	51·9	50·4	59·4	·343	·357	77	93	WSW 3	WSW 4–5	8	10	·155	
23	30·027	30·200	54·0	48·8	48·6	59·9	·310	·313	74	91	W 4	Calm 0	8	3	—	Squalls before 9a. ◐2 p.
24	30·176	30·011	56·4	52·2	44·3	58·7	·369	·342	81	88	S 4	S 4	3	10	·465	◐ a.
25	29·813	29·952	54·7	54·1	50·4	62·0	·400	·354	94	84	SW 4	WNW 3	8	3	·005	
26	30·141	30·076	58·1	52·4	49·1	60·0	·351	·338	72	86	WNW 3	SSW 2	7	10	·100	
27	29·848	29·943	53·7	52·3	51·2	61·3	·398	·322	96	82	SW 3	WNW 1	10	4	·020	≋ ● 9a.
28	30·020	30·071	56·7	51·8	47·9	59·2	·331	·333	71	87	W 3	Calm 0	6	8	·002	
29	·097	30·188	54·0	53·7	50·0	59·1	·342	·379	82	92	SW 4	Calm 0	8	8	·390	
30	30·054	29·852	53·4	54·5	49·2	55·2	·397	·405	97	96	S 5	SSW 6–7	10	10	·855	⸝ ●2 (with squalls) all day.
Means	29·915	29·905	55·3	51·1	46·6	59·3	·358	·337	81·2	88·8	3·2	2·0	6·8	7·1	4·814	

WAKEFIELD.

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

JUNE 1881.

1	30·260	30·219	69·0	64·2	49·1	77·8	·457	·410	64	68	N 1	SE 1	0	0	—	Fine and bright.
2	·165	·145	68·4	62·4	48·5	77·2	·409	·394	58	70	S 1	NNW 1	0	3	—	Fine and bright.
3	30·176	30·079	65·8	59·9	51·6	70·3	·382	·382	61	75	W 3	W 4	0	4	—	Fine and bright.
4	29·949	29·653	61·2	61·8	56·0	72·8	·428	·431	80	79	SW 3	S 6	9	10	·070	
5	·501	·495	54·8	52·2	46·1	61·8	·384	·333	89	85	WNW 3	WNW 2	10	4	—	
6	·483	·572	55·2	45·7	41·2	57·5	·371	·303	85	99	NW 2	N 2	5	10	·430	Bright till 3p., then dull with ●0
7	·671	29·793	50·4	43·5	43·0	53·8	·284	·271	79	96	N 2	WNW 3	6	10	·070	Bright till 9a., then dull.
8	29·969	30·155	48·2	42·2	35·0	53·0	·264	·247	79	92	NNW 4	NW 2	4	2	·020	
9	30·247	30·276	48·2	46·0	37·3	53·0	·303	·289	91	94	WNW 2	NNE 2	7	3	—	
10	·153	29·975	50·6	52·2	40·1	57·9	·317	·374	86	96	WNW 1	SW 1	10	10	—	Dull and gloomy.
11	·045	30·046	50·4	49·0	45·5	54·4	·353	·343	96	99	NNW 1	ESE 1	10	10	—	Dull and gloomy.
12	·029	·031	59·2	54·0	45·1	65·8	·431	·410	86	98	WNW 2	WNW 4	6	10	—	
13	·083	30·100	52·5	53·2	47·1	60·0	·360	·385	91	96	NNW 1	NNE 1	10	10	—	
14	30·077	29·983	53·2	55·2	43·9	64·9	·366	·422	91	97	E 2	E 1	5	0	—	Fine and bright.
15	29·934	·948	61·2	58·2	41·2	66·8	·428	·470	80	97	E 2	E 1	7	10	·060	Bright till 2.30p., then ●0
16	·931	·886	64·2	57·2	51·1	66·8	·511	·441	85	94	E 1	SSE 1	8	10	·150	Dull day.
17	·869	·863	60·0	61·0	55·0	66·0	·482	·520	93	97	ESE 2	S 2	10	10	·140	
18	·791	·769	63·0	60·6	59·2	69·8	·518	·479	90	91	SSE 2	ESE 2	10	4	·020	
19	·772	·652	60·3	60·0	51·0	69·2	·409	·400	79	77	NW 2	SSE 3	10	10	—	Close.
20	·686	·664	62·4	60·2	53·7	67·4	·342	·385	61	74	S 3	SW 3	5	8	·090	
21	·404	·489	63·0	58·8	55·8	71·9	·464	·355	81	72	SSW 3	SSW 3	10	10	·060	
22	29·529	29·701	62·5	55·0	53·3	66·7	·365	·312	65	72	SSW 4	SW 4	5	6	—	
23	30·015	30·247	56·4	50·2	50·1	61·8	·309	·307	68	85	W 5	W 2	10	3	—	
24	30·236	30·085	60·1	61·2	37·2	71·2	·313	·465	61	86	S 2	S 2	6	4	·220	Fine and bright.
25	29·930	29·958	53·9	57·2	50·3	66·2	·393	·441	95	94	ESE 2	SSW 2	10	2	·130	● 9a. Fine after 1.30p.
26	30·157	30·105	58·8	55·4	52·7	65·4	·345	·348	70	80	W 2	WSW 2	8	10	·010	
27	29·904	29·898	58·2	53·8	50·6	62·9	·367	·344	76	82	S 2	WNW 3	10	1	·010	Gloomy till 5p.
28	30·040	30·100	56·4	54·2	49·2	62·0	·331	·334	73	79	SW 4	W 3	7	2	—	Fine and bright.
29	·145	·218	60·8	56·2	45·3	63·6	·330	·421	62	93	SW 4	WSW 2	6	10	·020	Fine and bright.
30	30·185	30·014	61·8	62·8	49·1	65·8	·379	·461	69	81	SW 3	SSW 2	10	10	·030	
Means	29·945	29·937	58·3	55·5	47·5	64·8	·380	·383	78·1	86·6	2·4	2·3	7·1	6·5	1·530	

LLANDUDNO.

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

JUNE 1881.

Day.	Barometer at 32° and M.S.L. 9 a.m.	9 p.m.	Air Temperature. 9 a.m.	9 p.m.	Min.	Max.	Tension of Vapour. 9 a.m.	9 p.m.	Relative Humidity. 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	30·268	30·216	72·0	57·0	52·2	72·2	·381	·344	49	74	N	0·6	N	0·6	0	0	—	Very fine and warm.
2	·165	·175	69·4	61·4	51·4	72·9	·399	·306	55	56	W	1	N	1	0	0	—	Very fine and warm.
3	30·212	30·110	62·0	60·2	58·6	66·3	·382	·369	69	71	W	1	W	1	3	10	—	☈
4	29·951	29·650	64·5	55·8	54·4	67·0	·388	·421	64	94	W	2	W	7	8	10	1·017	
5	·575	·542	52·0	57·3	49·1	60·6	·340	·308	87	54	WNW	1	NNW	1	10	5	·010	Fine and bright. Crisp air.
6	·511	·601	54·4	48·8	47·2	55·1	·301	·276	71	80	N	1	N	2	1	2	·470	Fine and bright. Crisp air.
7	·729	29·831	49·9	44·6	40·7	52·0	·245	·222	69	75	NE	2	N	3	5	7	·270	● *n.* Fine, bright day.
8	29·984	30·175	48·1	47·8	40·4	52·0	·238	·247	71	75	E	2	N	2	6	9	·010	● ▲ *n.* Fine, bright day.
9	30·276	30·282	51·4	47·0	43·0	54·0	·261	·237	69	74	E	1	N	1	5	1	—	
10	30·171	29·995	51·3	51·4	45·3	53·8	·268	·356	72	94	W	0·6	SW	0·6	10	10	·170	
11	29·988	30·035	51·4	53·0	49·6	57·3	·348	·351	91	87	E	2	NE	0·6	10	10	—	Dull day.
12	30·064	·097	58·6	51·7	51·0	62·3	·379	·309	77	81	W	0·6	N	1	2	6	—	Very fine.
13	·109	30·086	55·2	50·7	48·1	59·3	·336	·311	78	84	W	1	N	0·6	7	0	—	Very fine with ∞
14	30·005	29·973	62·4	55·8	47·2	64·8	·304	·370	70	83	SE	1	W	0·6	0	5	·035	Gloomy from 11*a.*, with ∞
15	29·901	·910	60·0	59·4	50·6	64·7	·424	·410	82	82	SW	0·6	SE	0·6	8	10	·020	
16	·867	·786	60·3	58·0	55·5	64·0	·415	·415	80	86	S	1	S	0·6	10	10	·030	Dull day.
17	·720	·721	61·8	60·4	56·6	63·4	·453	·449	82	87	S	1	N	1	10	10	·290	Dull day.
18	·671	·762	58·4	55·9	55·5	65·4	·454	·364	93	82	S	0·6	SW	1	10	0	·010	
19	·768	·646	62·4	57·4	51·4	65·6	·394	·382	70	81	N	0·6	SE	0·6	2	8	·047	Very fine till noon, then dull.
20	·651	·534	59·6	57·3	53·3	63·2	·356	·388	70	83	W	1	W	1	8	10	·010	Dull day.
21	·347	·405	61·6	57·3	56·5	65·0	·352	·370	64	79	SW	3	W	3	9	10	—	Dull day. Windy.
22	29·526	29·732	60·5	54·4	54·0	62·4	·389	·400	74	95	W	1	W	3	9	10	·140	● *a.* Fine *p.*
23	30·045	30·248	59·0	52·9	51·8	60·2	·352	·301	71	75	W	1	W	1	3	1	—	Very fine.
24	30·214	·073	59·8	57·5	48·0	66·5	·399	·335	77	71	SW	1	SW	1	2	10	·234	Very fine. Windy.
25	29·857	·003	59·0	57·0	51·7	64·4	·401	·388	81	83	SW	2	W	1	10	10	—	Dull *a.* Fine *p.*
26	30·182	30·103	57·0	55·0	53·8	63·9	·369	·325	79	75	W	1	W	0·6	10	5	·030	Very fine.
27	29·872	29·973	56·5	54·4	53·3	62·6	·407	·339	89	80	W	0·6	NW	1	10	9	·085	● *a.* Fine *p.*
28	30·064	30·124	57·0	55·3	51·4	61·0	·335	·345	72	79	WNW	1	W	1	7	9	—	Very fine.
29	·163	30·237	59·6	57·0	52·0	64·8	·339	·357	66	76	W	2	W	2	1	7	·016	Very fine, but squally.
30	30·089	29·946	57·1	53·8	53·4	66·6	·378	·366	82	88	SW	2	SW	5	10	10	·100	Squally *a.*
Means	29·932	29·932	58·4	54·7	50·9	62·4	·363	·345	74·1	79·5		1·2		1·5	6·2	6·8	2·994	

BUXTON.

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

JUNE 1881.

1	30·309	30·288	72·3	57·5	44·6	74·9	·366	·391	46	83	E	1	W	1	0	8	—	Fine and warm.
2	·191	·213	68·9	59·0	44·3	75·4	·514	·285	73	57	NW	1	NW	1	2	2	—	Fine and warm, with ∞ 0
3	·209	30·153	63·5	56·4	44·7	67·9	·379	·343	65	75	NW	2	NW	2	2	6	—	Very warm.
4	30·012	29·762	58·3	55·3	51·6	68·8	·367	·356	76	81	NW	3	W	4	6	9	·430	Very warm. Broom in flower.
5	29·597	·564	49·9	46·6	45·9	57·2	·346	·256	97	81	NW	2	NW	2	10	3	·030	
6	·480	·618	44·1	43·0	41·6	55·2	·262	·262	90	94	W	1	NNE	1	10	7	·420	Dull and heavy. ☈ ▲ ● *p.*
7	29·702	29·858	46·1	40·1	38·9	52·7	·225	·215	73	87	NW	2	NW	2	5	7	—	
8	30·000	30·125	43·7	37·3	35·3	52·7	·260	·179	91	81	E	2	NW	2	5	1	—	
9	·272	·183	43·1	40·9	34·4	53·1	·224	·206	80	81	NW	1	NW	1	8	10	—	
10	·189	·105	46·4	44·4	34·8	52·7	·233	·267	75	91	NW	1	SW	1	10	10	·100	Dull day.
11	·065	·072	47·1	48·4	42·9	50·1	·306	·327	95	96	SE	1	SE	1	10	10	·090	Dull day.
12	·072	·089	55·1	48·9	46·4	62·8	·353	·285	81	83	NW	3	NW	2	6	7	—	Fine and warm.
13	·102	·155	55·4	49·6	41·9	60·0	·306	·305	70	86	NW	2	NE	2	5	8	—	Fine and warm.
14	30·124	·042	54·7	49·1	44·8	62·6	·366	·330	86	95	SE	2	SSE	2	8	6	—	Fine and warm.
15	29·955	30·017	64·1	55·0	46·6	65·1	·388	·418	65	97	SSE	2	NW	1	6	9	—	Warm day.
16	·996	29·920	57·5	54·3	46·4	62·1	·416	·401	88	95	SW	1	SW	2	10	10	·260	Dull day.
17	·882	·900	58·4	57·4	53·5	61·6	·396	·441	81	93	S	2	SW	3	10	10	·195	Dull, heavy close day.
18	·836	·834	57·5	55·4	48·9	64·8	·446	·396	94	90	SW	1	SW	1	10	3	·110	Close and warm.
19	·813	·739	59·8	52·4	47·9	66·6	·336	·333	65	85	W	2	SW	2	4	5	—	
20	·733	·685	57·8	53·4	48·9	62·1	·323	·366	68	89	SW	2	SW	2	8	10	·175	● ☄ *p.*
21	·472	·535	58·5	51·5	51·1	65·7	·412	·352	84	93	SW	3	W	3	7	10	·480	Warm day. ☄
22	29·571	29·786	56·6	51·4	50·4	62·1	·330	·339	72	89	WSW	4	SW	3	6	7	—	Fine and warm.
23	30·056	30·312	50·9	43·9	43·6	59·7	·286	·269	77	94	NW	3	NW	1	8	3	—	Fine and warm. ♅ *p.*
24	30·273	·116	60·5	54·9	39·5	65·8	·305	·348	58	81	SE	1	SW	1	4	6	·220	Fine and warm. ♅ *p.* Horse-chestnut in flower.
25	29·981	·039	51·3	52·1	48·6	61·6	·360	·336	95	86	SW	3	WNW	3	10	2	·280	
26	30·209	·162	54·4	51·2	49·1	62·8	·329	·328	77	87	NW	3	NW	1	9	7	—	Dull and mild.
27	29·914	·014	55·1	47·7	46·9	58·5	·345	·311	80	94	W	1	W	1	9	1	·110	Dull and mild
28	30·085	·174	52·9	46·9	45·9	60·0	·298	·278	75	88	NW	3	NW	2	7	5	—	Dull and cool.
29	·189	·306	57·3	51·7	46·4	62·5	·433	·331	92	86	W	4	NW	3	6	7	·120	
30	30·252	30·074	54·6	57·4	47·1	62·1	·365	·397	85	84	SW	4	SW	2	9	9	·070	
Means	29·985	29·995	55·2	50·4	45·1	61·6	·343	·322	78·5	86·7		2·1		1·8	7·0	6·6	3·090	

HILLINGTON, NORFOLK.

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

JUNE 1881.

Day.	Barometer at 32° and M. S. L. 9 a.m.	9 p.m.	Air Temperature. 9 a.m.	9 p.m.	Min.	Max.	Tension of Vapour. 9 a.m.	9 p.m.	Relative Humidity. 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	30·217	30·238	72·7	51·4	42·8	76·1	·475	·348	59	91	E	1	N	1	2	0	—	Bright and hot.
2	·147	·107	71·2	59·7	44·1	78·9	·485	·418	63	82	E	1	ESE	1	8	0	—	Bright and hot.
3	30·144	30·104	68·2	59·7	47·8	78·3	·400	·378	57	74	NE	3	E	1	0	4	—	∞ 9*a.*
4	29·991	29·750	68·2	61·0	47·0	78·5	·427	·373	61	71	WSW	3	SW	5	7	10	—	Windy.
5	·550	·474	61·0	50·7	50·0	62·2	·407	·370	77	100	SW	5	NNE	0·5	10	10	·880	● 2 from 10.30*a.* Wind veered [during the day.
6	·423	·495	53·6	45·7	45·1	60·7	·338	·307	81	100	NE	4	NW	0·5	10	10	·330	Distant ┳ *a.* and *p.* ☈ (near) 6.45*p.*
7	·603	29·722	54·9	46·1	45·1	56·0	·283	·256	66	83	NW	4	NE	4	9	5	·003	[● 2 5.30*p.*—9.30*p.*
8	29·894	30·079	52·6	44·1	42·3	55·9	·239	·222	61	76	NE	4	NE	3	5	4	·119	
9	30·145	·233	46·4	43·4	40·5	51·1	·281	·225	90	79	N	4	N	2	8	6	·059	
10	·180	·086	53·4	44·4	39·8	59·5	·355	·271	63	93	NW	3	NW	2	4	3	—	
11	·032	·026	56·6	49·8	36·7	61·8	·194	·322	42	90	SW	1	E	1	7	10	·027	
12	·041	·025	57·9	48·3	48·3	68·2	·391	·329	82	97	NW	1	N	0·5	9	9	—	☽ 9*p.*
13	·063	·086	53·1	48·7	41·3	57·2	·329	·306	81	89	N	0·5	NE	0·5	10	9	—	Overcast all day.
14	30·078	30·018	53·6	47·1	38·9	63·8	·324	·306	78	95	NNW	1	NE	2	10	1	—	☽ 9*a.* and 9*p.* Fine *p.*
15	29·976	29·959	62·8	57·4	40·5	70·8	·378	·422	66	90	SW	1	SE	2	10	10	—	☽ ☽ *a.*
16	·975	·945	64·6	55·7	51·0	70·5	·424	·364	70	82	SW	1	SE	4	10	10	·030	
17	·918	·909	66·8	63·2	55·1	73·4	·511	·489	78	85	S	2	S	1	10	10	·232	
18	·867	·825	63·2	58·4	56·9	67·9	·535	·465	92	95	S	3	S	2	10	10	·040	☽ ☽ ☽ 9*p.*
19	·789	·716	57·7	58·7	56·1	71·4	·470	·396	99	81	SW	2	W	2	10	4	—	9*p.*
20	·753	·712	62·4	59·1	51·1	67·8	·401	·404	76	81	SW	3	SW	2	8	10	·027	Bright early *a.* ● 0 from 9*a.*
21	·560	·559	63·4	61·8	56·3	73·3	·489	·399	84	73	SW	4	SW	3	9	9	·002	
22	29·620	29·789	64·6	54·8	54·1	68·4	·437	·327	73	76	SW	5	W	4	5	1	·110	● 2 2*p.*—2.45*p.* ☈ 2.20*p.*
23	30·019	30·224	61·3	54·0	49·2	66·0	·351	·371	65	87	WNW	5	NW	0·5	6	10	—	☽ 9*p.*
24	30·252	30·151	64·7	56·1	52·1	76·4	·385	·353	62	79	S	1	S	1	7	10	—	Very fine and sunny mid-day.
25	29·998	29·983	59·8	55·6	48·3	66·3	·336	·415	65	94	SW	3	SW	1	10	4	·190	Bright early *a.* ● 2 *p.* [☽ 9*p.*
26	30·143	30·130	61·5	54·8	46·2	66·8	·360	·336	67	78	NW	5	NW	4	3	10	—	Very fine *a.* ☄ • Much cirrus 5*p.*
27	29·940	29·894	61·4	56·9	52·3	61·6	·425	·436	79	94	SW	3	SW	0·5	10	10	·138	
28	30·048	30·115	59·7	54·0	50·2	64·6	·348	·356	68	85	NW	1	W	1	7	10	—	☽ ☽ 9*p.*
29	·204	·303	60·2	52·7	51·0	69·5	·344	·344	66	86	W	1	NW	0·5	6	2	—	☽ 9*p.*
30	30·265	30·117	64·1	60·8	42·4	69·9	·345	·356	58	67	SW	4	SW	2	8	8	·004	
Means	29·961	29·959	60·7	53·8	47·4	67·1	·379	·355	71·0	85·1		2·7		1·8	7·6	7·0	2·191	

UPPINGHAM.

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

JUNE 1881.

1	30·258	30·214	70·4	56·3	52·7	83·4	·477	·327	64	71	N by E	1	ENE	1	2	1	—	Bright, with ∞ 0
2	·174	·134	68·3	65·1	48·9	79·9	·494	·443	72	73	Calm	0	WNW	1	5	10	—	∞ 6*a.* Mackerel sky, SE., 9*a.*
3	30·162	30·116	70·6	60·1	54·8	84·6	·497	·431	67	83	N by E	1	NWb W	1	0	7	—	∞ *a.* Hot close day. Much cir. 9*p.*
4	29·997	29·771	64·0	58·9	52·5	74·9	·458	·403	77	81	W	3	SWb.S	5	9	9	—	Much cir. 9*a.* Bright mid-day.
5	·550	·482	58·5	50·6	50·6	59·3	·389	·351	79	95	WSW	5	NW	1	10	10	·647	☄ (with squalls) *n.* Gloomy *a.*
6	·453	·537	52·9	45·0	44·8	60·3	·323	·285	81	95	NNW	3	NNE	1	5	10	·440	● ┳ 5.20*p.* [● 10*a.*—7*p.*
7	·627	29·759	48·2	44·3	42·8	55·0	·281	·260	84	89	NNE	1	NNE	1	9	10	—	Cloudy all day.
8	29·912	30·108	49·1	40·2	36·4	56·5	·282	·232	80	93	NNE	3	NNW	1	6	7	—	
9	30·193	·187	47·0	43·9	35·3	51·0	·257	·233	80	81	N	2	NbyW	1	5	9	—	
10	·169	·069	52·3	47·0	37·4	52·4	·282	·289	72	90	W by S	1	W	1	10	10	·097	Dull day.
11	·020	·025	50·2	51·4	44·3	57·2	·325	·369	90	97	SSW	1	Calm	0	10	10	—	Overcast all day.
12	·032	·021	60·0	55·0	48·9	66·1	·395	·332	76	77	W	1	WNW	1	8	8	—	∞ 9*a.* Close day.
13	·055	·104	56·3	50·6	44·2	65·1	·320	·353	70	96	NEb.N	1	Calm	0	10	10	—	Mackerel sky 9*a.* Close and dull day.
14	30·059	30·002	59·5	51·0	43·9	69·7	·401	·346	79	92	E by N	1	EbyS	1	7	1	—	Bright and warm *p.* ∞ 0 9*p.*
15	29·949	29·952	62·6	57·2	45·3	70·7	·425	·420	75	90	WSW	2	Calm	0	8	8	—	
16	·953	·915	58·9	55·8	50·2	64·9	·435	·417	87	94	S by W	1	SSW	2	10	10	·117	
17	·881	·877	60·9	60·9	54·2	68·0	·438	·478	82	90	S	3	S by E	4	10	10	·094	Dull and gloomy all day.
18	·830	·805	61·9	58·1	56·4	66·7	·492	·447	90	91	SbyW	3	SbyW	3	10	9	·011	[● 2 6*p.*
19	·795	·724	60·1	56·1	52·2	68·6	·391	·362	76	79	WSW	2	SSW	3	2	6	·020	∞ 0 9*a.* Bright and warm mid-day.
20	·726	·702	61·1	55·4	49·9	66·6	·390	·382	73	87	SW	4	S	1	5	10	·046	☄ ● 0 *p.*
21	·492	·527	61·2	58·5	54·7	68·9	·463	·378	86	77	SbyW	6	SSW	6	8	7	·021	☄ (force 8) all day, with squalls.
22	29·588	29·783	56·4	54·0	52·1	66·3	·428	·292	95	70	SSW	4	SWbyW	3	9	3	·022	☈ 0 3*p.*
23	30·031	30·230	60·1	52·8	51·7	66·9	·341	·341	66	85	W	3	WNW	1	9	7	—	
24	30·237	30·124	64·5	57·3	47·1	71·9	·390	·377	64	80	S	1	Calm	0	2	1	·064	Day bright and warm.
25	29·994	29·998	53·1	54·7	50·0	62·6	·388	·333	96	77	SbyW	2	WbyS	1	10	1	·172	● 7.30*a.*—4.20*p.* Bright after 5*p.*
26	30·155	30·123	60·5	56·0	49·0	68·1	·342	·360	65	80	WbyN	4	Calm	0	4	10	—	Bright and hot early *p.* ∞ 2
27	29·932	29·917	58·9	55·0	52·0	59·4	·395	·400	79	92	SW by S	2	WbyN	1	10	10	·035	Dull gloomy day.
28	30·052	30·131	58·3	51·1	45·6	64·0	·356	·337	73	89	WbyN	2	Calm	0	5	4	—	
29	·195	·269	62·3	54·5	48·3	68·9	·395	·350	70	82	WbyN	2	W	1	7	0	—	
30	30·244	30·091	59·0	59·5	46·9	68·2	·402	·382	81	75	SSW	3	SSW	2	9	3	·010	Bright and warm *p.*
Means	29·957	29·957	58·9	53·9	48·1	66·2	·388	·357	77·6	85·0		2·3		1·5	7·1	7·0	1·796	

Churchstoke.

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

JUNE 1881.

Day.	Barometer at 32° and M.S.L. 9 a.m.	Barometer 9 p.m.	Air Temperature 9 a.m.	Air Temp. 9 p.m.	Air Temp. Min.	Air Temp. Max.	Tension of Vapour 9 a.m.	Tension 9 p.m.	Relative Humidity 9 a.m.	Rel. Hum. 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	30·311	30·270	63·2	58·0	47·0	76·0	·364	·342	63	71	W 0·5	NNW 0·5	0	0	—	⌓ ∞. Hot day.
2	·220	·213	64·8	58·3	46·8	76·0	·406	·319	67	66	Calm 0	NW 1	7	8	—	⌓. Threatening appearance. Distant [T
3	·233	30·152	63·1	55·3	45·1	72·7	·388	·345	68	79	N 0·5	W 2	0	3	—	⌓. Hot day.
4	30·019	29·796	62·6	56·9	50·1	72·0	·385	·401	68	87	SW 1	SW 8	8	5	·170	↯
5	29·554	·557	55·9	47·9	44·9	57·7	·413	·280	93	85	SSW 1	NW 1	10	8	·130	
6	·533	·609	50·4	44·8	41·1	54·5	·261	·253	72	85	WNW 2	NW 1	8	6	·076	● ▲ showers.
7	·721	29·851	44·0	40·8	40·0	53·2	·223	·231	76	92	NW 1	N 0·5	10	2	·037	
8	29·993	30·184	43·2	43·4	34·0	52·1	·234	·209	84	74	N 1	NW 1	10	10	·038	
9	30·278	·310	46·1	44·0	33·2	55·1	·207	·214	68	73	NNE 0·5	NNW 0·5	1	4	—	
10	·216	·036	47·9	47·7	38·5	51·7	·241	·312	73	94	WNW 1	NW 4	10	10	·114	
11	·000	·049	50·9	50·4	46·1	59·2	·349	·329	94	90	SE 1	Calm 0	10	8	—	Dull and mild.
12	·078	·096	55·9	52·9	43·5	65·5	·338	·329	76	82	W 1	SW 1	8	6	—	Bright.
13	·098	30·086	54·3	51·9	50·1	66·1	·308	·330	73	86	NW 1	Calm 0	6	8	—	Bright and clear. ⌓ ≋⁰ (mist) 9p.
14	30·050	29·983	55·9	52·9	47·1	66·3	·343	·319	77	80	SSE 2	SW 1	8	6	—	Bright, with ∞. Distant T
15	29·947	·940	58·0	57·1	41·1	64·1	·391	·410	81	87	S 1	SE 1	10	10	·056	Dull and close. ⛈ opposite side of valley.
16	·899	·846	56·7	55·1	53·0	59·4	·409	·407	89	93	SE 2	SE 0·5	10	10	·120	
17	·815	·793	57·9	59·0	54·4	62·3	·437	·421	91	85	SSW 2	SW 2	10	8	·083	
18	·743	·815	58·2	51·6	47·4	65·9	·447	·340	92	89	S 3	SSW 0·5	10	1	·025	Squally *a.* ⌓ *p.*
19	·790	·693	58·0	54·9	45·4	66·7	·353	·362	74	85	SSW 0·5	S 2	7	4	·049	Warm.
20	·705	·593	60·6	54·9	46·7	62·9	·505	·400	95	93	S 3	SW 1	7	10	·072	Warm.
21	·433	·476	60·3	53·9	53·5	66·0	·362	·355	70	85	SW 5	WSW 3	7	9	·120	↯ ●² *a.* and *p.*
22	29·563	29·786	58·3	52·2	52·0	60·8	·365	·345	76	89	WSW 3	SW 0·5	5	8	·242	Squally ↯ ●². Warm. Distant ⛈
23	30·083	30·275	54·7	46·3	46·0	61·3	·330	·265	78	85	W 3	S 0·5	10	1	—	Squalls 9*a.*
24	30·238	·103	59·0	54·3	38·2	67·9	·318	·338	63	80	S 3	S 0·5	3	10	·254	⌓ *a.*
25	29·925	·049	53·9	55·1	50·0	64·3	·370	·394	89	86	SW 3	W 1	10	7	·066	
26	30·195	·136	57·8	53·7	48·1	64·9	·340	·336	72	81	SW 2	W 0·5	5	9	·025	⌓ *a.*
27	29·900	·000	53·9	50·1	50·0	62·3	·367	·308	88	85	SW 1	W 1	10	1	·042	
28	30·098	·166	54·9	51·9	46·2	61·1	·313	·311	73	81	W 1	W 1	9	5	—	
29	·210	·285	56·9	54·7	45·0	63·9	·342	·355	74	84	W 1	Calm 0	7	7	—	
30	30·221	30·043	56·0	58·0	48·0	63·5	·340	·353	76	74	SW 2	SW 3	10	10	·025	
Means	29·969	29·973	55·8	52·3	45·8	63·2	·348	·330	77·8	83·5	1·6	1·5	7·5	6·5	1·744	

Geldeston.

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

JUNE 1881.

Day.	Barometer 9 a.m.	Barometer 9 p.m.	Air Temp. 9 a.m.	Air Temp. 9 p.m.	Min.	Max.	Tension 9 a.m.	Tension 9 p.m.	Rel. Hum. 9 a.m.	Rel. Hum. 9 p.m.	Wind 9 a.m.	Wind 9 p.m.	Cloud 9 a.m.	Cloud 9 p.m.	Rain	Remarks.
1	30·242	30·201	69·2	52·9	43·1	73·3	·370	·346	51	87	NNE 1	NE 1	1	1	—	⌓⁰ ○⁰ *a.* and *p.*
2	·172	·146	63·1	58·4	48·7	69·4	·433	·402	75	82	NNE 1	SW 1	7	0	—	≋⁰ 7*a.* Coloured ○⁰ 2.15*p.* ⌓⁰ 9*p.*
3	·139	30·103	68·3	58·3	50·9	72·0	·435	·363	63	74	W 2	Calm 0	0	10	—	∞ 9*a.*
4	30·027	29·792	66·1	66·0	51·0	78·1	·377	·373	60	59	SW 2	WSW 2	2	10	—	∞⁰ 9.25*a.* Ʊ⁰ 9*p.*
5	29·622	·465	60·0	52·7	52·3	66·0	·409	·381	79	95	WSW 4	NNE 1	10	10	·700	● 11*a.*—2*a.* (6th).
6	·404	·490	56·0	48·9	47·8	59·9	·335	·302	74	88	NNE 2	WNW 1	10	9	·010	T 10.30*a.* ○⁰ 2.35*p.* ⛈ to S. (moving from N.W.) 8*p.* Ʊ⁰ ⌓ 9*p.*
7	·573	29·697	56·1	47·7	42·9	56·2	·292	·276	65	84	NNE 3	NNW 1	9	5	·110	○⁰ 3*p.* ⌓ 9*p.*
8	29·867	30·034	52·1	44·9	41·2	54·7	·243	·238	64	81	NNE 3	N 2	4	1	·030	▲⁰ ●⁰ 10.30*a.* ⌓⁰ 9*p.*
9	30·127	·193	46·0	42·6	37·2	54·4	·246	·221	80	82	NNE 3	NW 1	5	2	·010	▲⁰ ●⁰ before 9*a.* Squally *a.* ⌓ 9*p.*
10	·165	·078	49·1	46·3	39·1	58·7	·242	·263	69	85	NNW 2	E 1	10	2	—	⌓⁰ 9*p.*
11	·035	30·043	56·0	53·0	38·2	62·6	·272	·325	60	81	WSW 1	N 1	0	10	—	⌓⁰ on grass. ∞⁰ 9*a.*
12	·042	29·999	59·0	59·2	50·0	66·3	·388	·347	78	69	WSW 1	NNW 1	10	10	—	
13	·057	30·088	54·1	48·0	46·6	59·2	·328	·281	79	85	NNW 1	N 1	10	2	—	⌓² 9*p.*
14	·081	30·026	54·1	49·0	38·2	58·4	·277	·312	67	90	N 2	ENE 1	6	10	—	⌓⁰ 9*a.* Wind E., cum. from W. 3*p.*
15	·002	29·998	59·2	53·1	41·0	65·3	·357	·365	71	90	S 1	SSE 1	2	10	—	∞⁰ ⌓² 9*p.*
16	30·003	·991	65·9	53·9	48·2	65·9	·400	·359	64	87	SE 1	E 1	8	10	—	⌓⁰ on grass. ∞⁰ 9*a.* ○⁰ 1*p.*
17	29·954	·956	64·2	61·3	53·6	72·0	·483	·463	80	85	SE 1	SE 1	10	10	·320	○⁰ *p.*
18	·910	·866	60·1	56·2	55·9	62·2	·481	·437	92	97	S 1	SSE 1	10	10	·240	Red ⊕ 5*p.*, through dense cir.-s.
19	·798	·758	59·1	58·1	54·8	68·8	·457	·389	91	80	WSW 1	SW 1	10	0	—	⌓⁰ 9*p.*
20	·788	·773	62·2	58·2	51·0	67·7	·389	·421	70	87	WSW 2	S 1	4	10	·020	
21	·592	·617	68·2	63·0	53·8	71·2	·479	·409	69	71	SSW 2	SSW 3	10	9	—	○⁰ 9*a.* Day rather close. Squalls 7*p*
22	29·678	29·821	63·4	58·0	56·6	69·1	·407	·314	70	65	SSW 4	SW 3	7	0	—	↯ *a.* ⛈⁰ moving from S.W. 7*p.*
23	30·034	30·225	60·8	55·5	50·1	67·4	·359	·333	68	75	WSW 2	E 1	7	8	—	⌓⁰
24	·265	·196	64·1	56·1	49·6	69·0	·430	·364	72	80	SE 1	SE 1	9	8	—	⌓⁰ 9*p.*
25	·034	·003	65·1	56·0	50·9	68·9	·385	·413	62	92	SSW 1	WSW 1	10	0	·010	⌓⁰ 9*p.*
26	30·132	30·165	63·4	51·1	47·6	67·9	·355	·320	61	84	WNW 2	E 1	2	2	—	⌓⁰ 9*p.*
27	29·968	29·908	59·2	56·1	50·6	64·7	·375	·442	75	98	SW 2	WSW 1	10	10	·230	
28	30·030	30·115	62·1	56·2	49·6	64·7	·346	·413	62	91	N 2	Calm 0	2	10	—	⌓⁰ 9*p.*
29	·198	·255	62·1	56·4	50·9	69·0	·322	·407	58	90	W 1	W 1	2	0	·010	⌓² 9*p.*
30	30·285	30·156	64·9	59·6	45·1	69·9	·383	·323	61	64	SSW 2	SSW 1	1	2	—	⌓⁰ on grass 9*a.*
Means	29·974	29·972	60·4	54·6	47·9	65·8	·369	·353	69·7	82·6	1·8	1·1	6·3	6·0	1·690	

Cheltenham.

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

JUNE 1881.

Day.	Barometer at 32° and M.S.L. 9 a.m.	Barometer 9 p.m.	Air Temperature 9 a.m.	Air Temp. 9 p.m.	Air Temp. Min.	Air Temp. Max.	Tension of Vapour 9 a.m.	Tension 9 p.m.	Relative Humidity 9 a.m.	Rel. Hum. 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	30·272	30·205	61·3	64·3	42·5	77·0	·418	·428	78	72	SW 1	Calm 0	0	7	—	Very fine and bright.
2	·177	·168	64·0	60·0	48·2	74·2	·441	·443	74	86	W 1	Calm 0	6	6	—	T
3	·199	30·145	66·8	52·5	44·8	78·0	·449	·375	68	96	NW 1	W 1	0	7	—	Very fine.
4	30·032	29·839	66·0	57·1	46·5	70·7	·449	·410	71	87	W 1	SW 4	6	7	—	Very fine. Ʊ
5	29·574	·504	58·2	50·0	49·5	60·1	·446	·329	91	92	SW 3	W 1	10	8	·730	●² 9*a.*—7*p.*
6	·491	·566	53·1	45·6	40·8	59·0	·309	·293	77	97	W 2	W 1	5	6	·240	▲ 9*a.*
7	·671	29·797	44·2	45·1	37·0	55·6	·276	·263	95	88	N 1	NW 1	10	10	·070	
8	29·934	30·140	48·4	41·0	37·5	53·2	·277	·253	82	98	NW 2	W 1	6	10	·020	
9	30·237	·250	50·0	47·1	31·5	57·0	·242	·279	68	87	N 2	N 1	5	9	—	T
10	30·213	·052	50·5	47·9	38·0	54·4	·279	·327	76	98	W 1	S 1	9	10	·110	Fine.
11	29·995	·049	52·0	54·5	47·0	58·2	·361	·404	93	96	S 1	Calm 0	10	10	·010	Fine.
12	30·077	·069	56·8	58·0	46·2	65·0	·381	·393	82	81	SW 1	Calm 0	6	8	—	Beautiful day.
13	·085	30·062	56·4	54·1	46·3	70·3	·373	·381	83	91	SW 1	Calm 0	7	3	—	Beautiful day.
14	30·042	29·979	59·6	56·0	52·0	66·5	·424	·428	83	95	E 1	Calm 0	5	1	·010	Beautiful day.
15	29·970	·953	59·0	56·2	50·6	68·9	·439	·449	89	99	SW 1	S 1	6	4	·050	Beautiful day.
16	·901	·863	60·5	57·8	54·5	63·2	·443	·454	85	94	S 2	Calm 0	9	10	·080	
17	·836	·819	59·6	60·7	57·0	65·9	·503	·492	98	94	S 4	S 5	10	10	·170	
18	·798	·808	61·7	51·0	51·0	67·4	·482	·371	88	99	S 4	Calm 0	10	0	·040	
19	·803	·728	62·6	56·6	45·0	66·8	·428	·413	76	90	S 2	SW 1	5	10	·140	
20	·738	·637	62·8	57·3	51·5	66·3	·428	·428	75	90	S 2	SE 4	5	10	·130	
21	·468	·526	64·5	58·5	56·5	68·1	·496	·425	82	87	S 4	S 6	6	4	·050	Fine day. Squalls 9*p.*
22	29·633	29·830	58·2	55·1	53·8	65·5	·430	·382	88	88	SW 2	SW 4	10	10	·050	Very fine.
23	30·081	30·275	59·4	45·8	45·6	65·0	·397	·308	79	100	SW 2	SW 1	8	2	—	Very fine.
24	·235	·125	62·6	52·0	44·5	70·7	·384	·388	68	100	SW 1	S 1	5	10	·240	Very fine.
25	·003	·048	54·0	56·1	51·2	66·8	·418	·404	100	89	S 1	SW 1	10	1	·100	●² till 11*a.* Fine *p.*
26	30·207	30·126	59·5	57·3	46·3	68·1	·391	·410	77	87	SW 1	Calm 0	6	10	·030	Fine bright day. Raspberries ripe.
27	29·946	29·952	55·1	56·5	51·5	60·7	·412	·413	94	91	S 3	W 1	10	8	·050	● showers till 4*p.*
28	30·091	30·174	58·0	47·4	42·5	61·5	·373	·313	78	96	W 2	W 1	4	1	—	Very fine.
29	·221	·317	62·3	56·0	40·8	67·4	·421	·382	76	86	W 1	SW 1	5	3	—	Very fine.
30	30·259	30·083	60·8	58·5	46·2	70·1	·404	·416	77	86	S 4	S 3	10	2	—	Very fine.
Means	29·973	29·970	58·3	53·9	46·5	65·4	·399	·382	81·7	91·3	1·8	1·4	6·8	6·6	2·320	

Carmarthen.

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

JUNE 1881.

Day.	Barometer 9 a.m.	Barometer 9 p.m.	Air Temp. 9 a.m.	Air Temp. 9 p.m.	Min.	Max.	Tension 9 a.m.	Tension 9 p.m.	Rel. Hum. 9 a.m.	Rel. Hum. 9 p.m.	Wind 9 a.m.	Wind 9 p.m.	Cloud 9 a.m.	Cloud 9 p.m.	Rain	Remarks.
1	30·272	30·221	67·0	58·5	47·3	78·1	·413	·307	62	63	Calm 0	Calm 0	0	0	—	
2	·172	·192	69·5	57·7	46·8	77·6	·340	·322	48	67	Calm 0	Calm 0	1	0	—	
3	·211	30·173	70·0	52·9	46·0	74·1	·416	·365	57	91	NE 1	Calm 0	1	0	—	
4	30·047	29·779	61·8	55·9	51·6	63·4	·401	·428	73	96	SW 2	SW 4	8	10	·590	
5	29·584	·567	52·7	48·2	48·2	57·3	·360	·288	90	86	N 2	NE 1	10	2	·120	
6	·570	·613	53·1	47·0	45·3	57·5	·256	·277	64	87	W 4	N 2	6	2	·030	
7	·729	29·854	47·3	44·1	43·8	56·1	·243	·240	75	82	N 5	N 1	7	9	·090	
8	29·970	30·183	46·0	44·6	38·4	56·3	·253	·232	83	78	N 2	Calm 0	10	0	·030	
9	30·277	·310	54·3	46·3	35·6	56·9	·264	·246	63	79	NW 1	NW 1	2	9	·020	
10	·208	·013	49·2	50·9	43·7	51·7	·295	·360	85	97	Calm 0	Calm 0	10	10	·330	
11	·006	·071	53·2	48·8	48·7	61·5	·356	·295	88	86	Calm 0	Calm 0	10	0	—	
12	·107	·098	54·5	54·9	38·5	64·5	·360	·381	85	89	E 1	Calm 0	7	10	—	
13	·103	30·050	57·9	49·3	48·7	63·0	·302	·319	62	91	N 3	N 1	3	0	—	
14	30·022	29·985	59·2	53·8	44·5	60·9	·369	·340	74	82	Calm 0	Calm 0	10	3	·050	
15	29·943	·917	56·4	56·2	51·3	64·5	·421	·415	93	92	SE 2	SE 1	10	3	·040	
16	·861	·783	57·3	56·7	54·6	58·4	·407	·404	86	88	SE 1	SE 3	10	10	·440	
17	·763	·676	60·1	59·0	55·3	61·9	·451	·443	87	89	S 1	SE 2	10	10	·240	
18	·707	·809	60·8	54·9	54·8	63·5	·430	·410	81	95	SW 3	Calm 0	9	10	·030	
19	·778	·715	58·3	55·2	53·1	63·0	·391	·403	81	93	SE 1	SW 1	9	9	·090	
20	·708	·556	57·3	55·4	51·3	60·4	·302	·418	64	95	S 3	SE 1	8	10	·650	
21	·402	·493	61·0	55·8	54·1	63·5	·416	·412	78	92	SE 4	SW 2	8	10	—	
22	29·579	29·867	58·2	54·6	53·1	62·4	·409	·403	84	95	SW 3	W 1	10	8	·060	
23	30·112	30·285	59·0	52·9	50·4	61·4	·331	·317	66	79	NW 1	Calm 0	3	5	—	
24	30·236	·079	61·0	54·1	39·5	64·5	·329	·334	61	80	Calm 0	Calm 0	2	10	·450	
25	29·992	·090	55·8	54·3	52·6	63·0	·443	·393	99	93	SW 4	W 1	10	1	·020	
26	30·231	·126	57·8	53·9	49·1	64·0	·327	·370	69	89	SW 1	SW 1	10	10	·250	
27	29·894	·041	54·4	52·2	51·0	61·8	·412	·345	97	89	SE 2	Calm 0	10	7	·110	
28	30·127	·196	56·5	51·1	47·0	60·1	·322	·346	71	92	W 1	Calm 0	10	5	—	
29	·237	·314	59·8	53·0	48·5	62·5	·349	·366	68	91	SW 2	Calm 0	4	1	—	
30	30·235	30·020	56·7	57·1	52·3	59·7	·399	·419	87	90	SW 1	SW 3	10	10	·270	
Means	29·969	29·969	57·5	53·0	48·2	62·5	·359	·353	76·0	87·2	1·7	0·9	7·3	5·8	3·910	

MARLBOROUGH.

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

JUNE 1881.

Day.	Barometer at 32° and M. S. L. 9 a.m.	Barometer 9 p.m.	Air Temperature 9 a.m.	Air Temp. 9 p.m.	Air Temp. Min.	Air Temp. Max.	Tension of Vapour 9 a.m.	Tension 9 p.m.	Relative Humidity 9 a.m.	Relative Humidity 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	30·263	30·182	65·5	63·9	48·1	78·0	·358	·379	58	64	Calm 0	Calm 0	0	0	—	〰0 (mist) *a.*
2	·166	·159	70·6	63·7	52·6	77·4	·403	·462	53	79	NE 1	Calm 0	4	8	—	T 4.10*p.* ⚲ 6*p.*
3	·188	30·149	68·8	60·1	53·4	78·2	·403	·381	57	74	Calm 0	WNW 1	0	0	—	〰0 (mist) *a.*
4	30·057	29·880	67·5	55·0	47·7	73·5	·382	·377	56	88	SW 1	Calm 0	1	4	—	
5	29·627	·497	57·6	49·7	49·7	59·1	·415	·335	87	94	SW 2	Calm 0	10	10	·610	
6	·501	·571	57·2	45·9	44·1	58·0	·303	·261	64	86	NNW 1	Calm 0	6	1	·140	▲2 *p.*, much damage to vegetables [near the town.
7	·645	29·787	45·7	42·9	39·2	52·1	·257	·243	85	88	N 2	Calm 0	10	5	·070	
8	29·922	30·134	48·7	42·9	38·8	53·7	·217	·231	64	84	NE 1	Calm 0	10	4	·020	〰0 (mist) *9p.*
9	30·237	·257	51·0	47·7	35·8	54·5	·222	·257	59	78	N 1	Calm 0	9	10	—	
10	·223	·091	50·7	47·2	35·1	55·5	·246	·305	67	95	SW 1	S 1	10	10	·150	
11	·020	·050	51·3	52·5	46·4	58·0	·334	·357	88	91	S 1	Calm 0	10	9	—	
12	·090	·083	61·4	53·7	49·7	65·9	·339	·325	62	78	W 1	Calm 0	6	8	—	
13	·101	·067	53·9	54·2	48·4	64·2	·315	·364	76	86	Calm 0	Calm 0	10	1	—	
14	·050	30·006	59·3	56·8	46·2	61·8	·366	·403	73	87	E 1	Calm 0	6	10	—	
15	30·001	29·969	54·3	57·8	49·4	68·4	·360	·418	86	87	SW 1	Calm 0	10	8	—	
16	29·947	·903	58·3	56·5	52·9	63·2	·348	·415	72	91	SE 1	S 2	10	10	·180	
17	·874	·870	59·6	59·2	56·1	65·6	·447	·459	88	92	S 2	S 2	10	10	·130	
18	·822	·835	61·6	55·6	55·3	66·3	·453	·413	83	93	S 2	S 1	10	5	·030	
19	·819	·772	60·1	55·0	52·0	66·1	·370	·375	72	87	S 1	SW 1	6	6	·200	
20	·770	·685	61·0	57·6	52·1	64·0	·416	·386	78	81	SW 1	SW 1	6	10	·100	
21	·526	·589	59·5	56·3	56·0	65·7	·444	·400	88	88	S 1	SW 2	10	3	·050	
22	29·645	29·872	62·1	52·8	52·8	64·0	·364	·358	66	89	SW 2	SW 1	8	0	·280	⚲ 3.10*p.*
23	30·009	30·262	58·6	51·8	50·0	65·9	·327	·325	66	84	W 1	Calm 0	6	0	—	
24	·251	·159	64·5	56·6	40·9	71·3	·322	·303	53	66	SW 1	Calm 0	4	0	·080	
25	·041	·083	54·7	52·1	51·0	62·1	·399	·352	93	90	WSW 1	W 1	10	0	·210	
26	30·221	30·158	59·1	56·6	49·3	67·1	·345	·371	70	81	W 1	Calm 0	8	9	—	
27	29·983	29·962	53·5	55·5	52·2	58·2	·375	·416	92	95	SW 1	NW 1	10	10	·040	
28	30·106	30·183	59·7	50·7	44·4	63·3	·335	·316	66	86	W 1	W 1	6	4	—	
29	·257	·333	62·6	52·2	41·0	66·9	·381	·321	67	82	W 1	W 1	3	3	—	
30	30·299	30·145	60·4	56·4	46·2	68·0	·331	·369	62	81	SW 1	SW 1	8	3	—	
Means	29·992	29·990	58·6	54·0	47·9	64·5	·353	·356	71·7	84·8	1·1	0·6	7·2	5·4	2·290	

STRATHFIELD TURGISS.

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

JUNE 1881.

1	30·267	30·165	69·8	64·0	44·5	81·7	·418	·410	58	69	NE 1	NE 1	2	2	—	〰 *a.* Squalls mid-day.
2	·169	·159	72·3	63·0	47·3	77·7	·470	·475	59	83	NE 1	Calm 0	3	10	—	○ *a.* T *p.*
3	·185	30·135	70·0	65·6	59·4	81·2	·388	·421	52	67	N 1	W 3	2	3	—	〰 T *a.*
4	30·073	29·882	70·2	59·6	45·8	70·1	·404	·389	54	76	W 2	SW 3	2	2	—	Squalls mid-day.
5	29·653	·472	59·2	53·6	51·7	60·9	·407	·394	82	96	SW 4–5	SW 2	10	10	·584	Squally ⚲ *a.*
6	·491	·553	54·8	47·2	45·2	59·4	·299	·269	70	84	N 3	W 2	3	4	·454	⚲ *a.*
7	·644	29·749	45·7	47·0	40·4	56·1	·281	·249	92	78	N 1	N 2	10	10	·077	Squalls mid-day.
8	29·911	30·101	51·0	42·7	39·7	54·3	·239	·254	64	92	NE 2	Calm 0	4	10	·047	Squalls mid-day.
9	30·218	·242	51·1	47·2	34·7	58·0	·223	·269	60	84	NE 3	Calm 0	3	10	—	
10	·219	·117	54·6	48·4	39·8	58·6	·218	·315	51	93	NE 2	SW 2	10	10	·163	
11	·038	·049	54·8	55·0	46·9	62·9	·336	·397	78	92	S 1	SW 1	10	10	—	
12	·095	·068	60·7	56·2	51·6	68·2	·364	·346	69	76	NW 1	W 2	7	8	—	
13	·087	·063	60·7	58·6	51·0	71·2	·333	·379	62	77	NW 1	S 1	6	7	—	
14	·057	30·009	59·7	56·3	48·1	69·1	·345	·313	68	70	S 2	S 1	10	10	—	
15	30·007	29·996	60·2	57·9	50·5	71·1	·371	·434	71	90	SW 2	SW 2	9	9	—	
16	29·967	·919	57·9	57·8	52·4	69·2	·375	·430	79	89	SW 1	SE 3	8	10	·102	
17	·913	·907	62·8	61·4	55·0	71·2	·494	·509	87	94	SW 2	SE 2	10	10	·115	
18	·858	·856	64·7	57·4	54·6	70·3	·491	·454	81	96	S 3	S 1	10	10	·115	
19	·837	·788	61·6	56·6	52·4	68·2	·399	·394	73	85	W 2	SW 3	6	0	—	
20	·801	·716	63·5	58·3	52·2	67·9	·396	·385	68	80	SW 3–4	S 1	8	10	·067	Squally ⚲ *a.*
21	·557	·617	60·2	58·5	55·8	70·2	·444	·444	86	91	S 3–4	SW 3	10	9	·015	Squally ⚲ *a.*
22	29·684	29·878	61·8	55·0	55·0	67·6	·379	·334	69	77	SW 4–3	SW 2	6	1	—	Squally ⚲ *a.*
23	30·096	30·256	61·6	54·2	50·4	70·6	·331	·343	60	81	W 3	Calm 0	6	0	—	
24	·252	·184	69·5	55·0	40·6	75·8	·385	·344	54	80	S 1	W 1	4	0	—	
25	·074	·063	57·0	54·8	46·1	62·9	·400	·346	86	81	SW 2	SW 3	10	0	·286	
26	·208	30·164	65·0	59·4	45·0	71·3	·419	·416	68	83	NW 3	SW 1	6	10	·017	
27	·002	29·949	56·3	56·0	52·8	61·0	·394	·416	87	92	SW 2	W 1	10	10	—	
28	·097	30·170	61·4	53·2	44·0	67·6	·330	·345	60	85	NW 3	NW 1	6	9	—	
29	·261	·333	63·9	55·3	44·7	71·4	·378	·351	63	80	W 3	W 2	8	0	—	Squally mid-day.
30	30·319	30·169	62·8	57·0	42·9	71·3	·361	·362	64	77	SW 2	S 1	7	6	—	Squally mid-day.
Means	30·001	29·991	60·8	55·7	48·0	68·2	·369	·373	69·2	83·3	2·2	1·6	6·9	6·7	2·042	

RAMSGATE.

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

JUNE 1881.

Day.	Barometer at 32° and M. S. L. 9 a.m.	Barometer 9 p.m.	Air Temperature 9 a.m.	Air Temp. 9 p.m.	Air Temp. Min.	Air Temp. Max.	Tension of Vapour 9 a.m.	Tension 9 p.m.	Relative Humidity 9 a.m.	Relative Humidity 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	30·309	30·200	63·0	53·0	52·0	71·7	·436	·328	76	81	Calm 0	NE 1	0	0	—	Fine all day.
2	·187	·175	53·0	53·0	49·2	65·3	·356	·345	88	85	E 1	E 1	0	0	—	〰 5*a.*—9*a.*
3	·185	30·118	68·7	58·2	53·0	73·2	·479	·396	68	81	W 1	Calm 0	0	2	—	Fine and warm.
4	30·074	29·913	69·5	58·0	54·0	77·0	·461	·285	64	59	Calm 0	SW 3	1	1	—	Ψ
5	29·723	·528	62·0	55·0	51·5	67·3	·382	·424	69	98	SW 4	SW 3	3	10	·410	Gloomy all day.
6	·355	·427	47·3	50·0	47·1	60·0	·283	·327	88	91	NE 1	NE 1	10	10	·470	● 2*a.*—4.30*p.*
7	·566	29·715	46·2	48·1	44·8	55·2	·296	·308	96	92	NE 1	NE 2	10	10	·780	● till 1.30*p.*
8	29·855	30·055	50·6	47·0	44·0	56·3	·251	·228	68	71	NE 4	NE 3	7	2	·010	● early *a.* Chilly all day.
9	30·152	·206	49·7	50·5	45·6	56·3	·258	·322	73	88	NE 2	E 3	7	3	·090	
10	·178	·133	48·2	46·8	42·0	57·7	·262	·273	78	86	NE 2	NE 2	3	10	—	Fine.
11	·067	·073	54·8	49·6	39·1	62·2	·344	·294	80	83	Calm 0	Calm 0	0	0	—	
12	·129	·062	55·2	54·5	40·0	62·3	·325	·328	75	77	E 1	E 2	10	10	·080	Overcast all day, with ●0.
13	·087	·098	58·3	53·0	52·1	63·4	·370	·321	77	79	Calm 0	E 1	10	0	—	Fine.
14	·124	·041	58·0	51·2	50·5	62·2	·389	·312	81	83	E 2	E 2	3	0	—	Fine.
15	·037	30·027	55·8	54·8	48·5	61·7	·362	·349	81	81	E 1	E 1	7	10	—	Fine.
16	30·024	29·962	59·5	57·3	48·5	64·9	·403	·399	80	85	E 2	E 3	3	10	—	Wind rose at 5.30*p.*
17	29·992	·971	60·0	60·3	48·5	63·4	·469	·457	91	88	E 2	SW 2	10	10	·570	
18	·927	·892	61·0	55·2	55·2	62·7	·529	·427	99	98	SW 1	S 1	10	10	·140	● showers all day.
19	·835	·837	61·0	56·0	55·2	67·2	·410	·401	77	89	SW 1	S 1	5	3	·030	
20	·920	·738	59·0	56·0	53·0	66·4	·446	·401	90	89	SW 1	Calm 0	7	10	·030	Overcast all day.
21	·657	·685	57·8	59·0	56·0	70·7	·472	·436	98	88	SW 1	SW 3	10	7	—	
22	29·769	29·896	62·6	56·2	56·2	68·7	·441	·384	78	85	SW 4	SW 4	3	1	—	Fine.
23	30·119	30·248	62·3	59·3	50·6	70·3	·409	437	74	87	SW 1	Calm 0	7	10	—	Fine.
24	·297	·213	61·3	57·0	54·0	69·2	·424	·431	79	90	SW 1	SW 5	0	1	—	Fine.
25	·065	·078	60·1	58·3	52·1	70·2	·431	·443	84	91	SW 3	SW 3	5	10	·040	
26	30·050	30·160	65·0	56·3	51·0	68·3	·485	·412	80	90	SW 1	SW 3	5	10	—	
27	29·997	29·939	58·0	55·5	53·1	64·3	·384	·407	80	93	SW 4	SW 2	10	10	·050	
28	30·085	30·136	62·0	60·0	54·0	67·2	·369	·415	67	80	N 1	Calm 0	0	10	—	Fine.
29	·252	·334	63·5	57·0	54·5	68·2	·412	·388	71	83	Calm 0	Calm 0	4	10	—	Fine.
30	30·351	30·206	60·1	57·3	50·5	69·3	·385	·399	75	85	S 3	Calm 0	6	0	—	Fine.
Means	30·016	30·002	58·5	54·8	50·2	65·4	·391	·369	79·5	85·2	1·5	1·7	5·2	6·0	2·700	

SOUTHAMPTON.

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

JUNE 1881.

1	30·241	30·165	69·3	59·7	50·4	81·0	·413	·375	57	74	NE 1·5	SSW 1	0	0	—	
2	·155	·144	70·7	61·9	51·9	81·1	·432	·444	57	81	NE 2	SW 1	2	10	—	T 7*p.*—8*p.*
3	·173	30·132	68·8	64·0	53·3	80·5	·421	·411	59	69	NE 2·5	NW 3	0	9	—	Small Ψ 9*p.*
4	30·087	29·901	69·0	56·5	50·1	75·1	·413	·401	58	88	SW 2	SW 3	1	5	—	Small Ψ 9*p.*
5	29·676	·469	57·4	54·8	53·7	58·2	·417	·422	89	98	SW 4·5	SW 1	10	10	·515	
6	·513	·508	57·0	46·5	46·4	61·4	·325	·277	70	89	N 4	NW 2	8	7	·412	● 9.30*a.*—8.30*p.*
7	·618	29·757	51·0	47·7	41·9	55·6	·316	·253	84	77	NW 2	NW 4	10	10	·008	● 2 ▲ 2 11.40*a.*—11.50*a.* T 1*p.*—1.45*p.* [▲ 5*p.* Evening *very* cool.
8	29·913	30·103	55·6	44·2	41·8	58·6	·278	·270	63	93	NE 3·5	NNW 1·5	8	7	·109	● 2 ▲ 2 2.20*p.* and 6*p.* Evening very [cool.
9	30·228	·241	52·6	49·2	37·1	57·1	·263	·276	67	79	N 3	NW 2	9	9	—	
10	·222	·091	52·5	49·6	40·9	56·4	·280	·337	72	95	SW 1·5	S 2·5	10	10	·132	● from 5.30*p.*
11	·012	·057	53·6	54·5	48·7	62·8	·353	·357	86	85	SE 3	WSW 2	10	10	—	
12	·104	·080	61·0	56·2	52·5	65·4	·388	·360	73	79	SW 1	W 2	10	9	—	
13	·083	·059	60·9	56·5	53·8	64·7	·387	·421	73	92	NE 1	SW 1	10	10	—	
14	·054	30·017	54·9	54·1	52·0	64·4	·403	·393	93	93	SE 2	SW 2	10	10	—	
15	30·005	29·984	55·6	55·9	52·1	64·9	·394	·395	88	89	SW 2	SW 1·5	10	9	—	
16	29·949	·902	58·2	57·2	51·9	64·5	·424	·453	87	97	ESE 3	SE 3	10	10	·097	
17	·896	·878	61·6	60·0	56·7	70·5	·482	·518	88	100	S 3	SE 3·5	10	10	·180	
18	·855	·844	61·9	57·0	56·2	69·5	·467	·453	85	97	S 3	SW 1·5	10	10	·260	
19	·836	·797	61·3	57·0	53·5	65·3	·422	·431	79	92	SW 2	SW 3·5	9	10	—	
20	·815	·689	59·5	57·9	54·9	65·5	·429	·434	85	90	SW 3	SE 3	10	10	·157	
21	·557	·626	61·2	57·9	56·9	68·4	·470	·452	88	94	SW 5	SW 3	10	7	·023	
22	29·702	29·938	62·8	55·6	55·3	64·7	·443	·372	78	84	SW 5	WSW 3	8	0	—	● 5*a.* ⚲ (force 6) during the day.
23	30·115	30·256	66·4	58·5	53·4	69·2	·367	·365	56	75	NNW 3	NW 1	4	3	—	
24	·247	·172	67·6	57·8	46·5	72·4	·374	·357	55	75	NW 1·5	SW 1·5	2	2	—	
25	·066	·091	58·2	55·5	53·1	61·9	·412	·367	85	83	WSW 3	NW 2·5	10	0	·312	● 9*a.*—4*p.*
26	30·158	30·158	57·7	57·7	47·9	70·3	·414	·414	87	87	SW 3	SW 3	10	10	—	
27	29·980	29·954	57·2	56·0	54·4	59·7	·400	·425	85	94	SW 2·5	S 0·5	10	2	·052	● till 7*p.*
28	30·098	30·174	63·0	54·7	48·1	66·9	·359	·346	63	81	NW 2·5	Calm 0	7	1	—	
29	·262	·335	64·6	56·6	47·0	68·1	·384	·391	63	85	NW 2	Calm 0	8	1	—	⌓0 on grass *p.*
30	30·307	30·159	65·0	58·8	47·9	67·0	·369	·380	59	77	SW 3·5	SW 1	5	2	—	
Means	29·998	29·991	60·5	55·7	50·3	66·4	·390	·385	74·4	86·4	2·7	2·0	7·7	6·8	2·257	

ST. LEONARDS.

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

JUNE 1881.

Day.	Barometer at 32° and M. S. L. 9 a.m.	9 p.m.	Air Temperature. 9 a.m.	9 p.m.	Min.	Max.	Tension of Vapour. 9 a.m.	9 p.m.	Relative Humidity. 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	30·247	30·189	73·7	59·5	55·1	74·1	·374	·396	46	78	NNE 2	NE 1	1	3	—	Very fine. Wind veered to SSE. *a.*
2	·153	·155	59·8	57·1	52·4	65·0	·387	·404	76	86	E 3	NE 2	8	1	—	Partial ○ *p.*
3	·166	30·125	64·5	56·5	53·2	65·9	·424	·404	70	88	SE 1	Calm 0	1	1	—	Very fine day. ≋ over the sea *p.*
4	30·078	29·927	65·7	54·1	53·2	70·0	·427	·376	68	89	SW 1	WSW 2	2	1	—	Wind increasing towards midnight.
5	29·745	·515	54·6	53·6	52·4	57·6	·373	·412	88	100	WSW 5	SW 5	10	10	1·460	Overcast all day. ● from 5*p.* ●² [from 9*p.*
6	·433	·546	48·5	47·6	47·5	56·6	·321	·300	94	92	N 3	W 2	10	1	·112	⚲ 3*p.* Frequent ● showers till 4*p.*
7	·580	29·727	48·8	44·9	43·4	50·8	·292	·283	84	95	N 3	NNW 3	10	10	·435	● till 9*p.* ∢ 9·15*p.*
8	29·855	30·057	51·4	46·6	41·9	58·4	·264	·250	70	79	N 3	NNE 2	9	1	·005	
9	30·182	·241	48·6	44·1	39·8	55·5	·231	·258	68	89	N 4	WNW 1	8	1	·090	▲⁰ 7*p.*
10	·222	·141	51·6	49·0	43·3	54·7	·207	·268	54	77	NNE 3	SW 2	2	10	—	Overcast all day. Wind backed.
11	·038	·059	56·3	52·4	47·9	59·0	·302	·299	67	76	SE 2	SE 1	2	0	—	Very fine.
12	·108	·079	53·7	52·5	49·1	59·9	·379	·359	92	90	SW 1	WSW 1	10	9	—	
13	·076	·073	61·0	55·7	50·9	63·6	·341	·395	64	89	WNW 1	W 1	9	9	—	
14	·062	·024	55·7	52·1	52·1	59·8	·374	·312	84	80	E 3	NE 2	10	0	—	
15	30·011	30·001	60·4	54·7	48·1	61·8	·355	·377	67	88	ESE 1	W 1	0	1	—	Very fine. Wind veered. ⌓ 9*p.*
16	29·989	29·959	59·7	59·6	52·5	68·6	·357	·423	69	83	E 3	Calm 0	9	10	·020	
17	·969	·920	60·1	62·7	55·8	63·2	·443	·388	85	69	S 2	E 3	10	10	·290	⚲ ●² after 11*p.*
18	·918	·867	57·8	55·6	55·6	63·4	·454	·443	94	100	SW 1	SSE 1	10	10	·065	Overcast, with frequent ● showers.
19	·871	·841	57·4	55·7	52·6	60·4	·417	·423	89	95	SW 3	SW 2	4	1	·100	● early *a.* ≋⁰ *p.* ⌓ 9*p.*
20	·855	·762	56·7	59·6	54·0	63·5	·430	·389	94	77	SSW 3	ESE 2	9	7	·022	
21	·631	·685	60·5	56·8	56·5	64·0	·452	·423	86	92	S 3	SW 5	3	2	·022	
22	29·763	29·936	58·6	55·5	55·1	61·9	·431	·403	88	91	SSW 6	WSW 4	7	1	—	╱ in past *n.* Wind rose after 9*p.*
23	30·123	30·253	59·1	56·9	53·7	64·7	·435	·368	87	80	SW 5	NW 2	2	0	—	
24	·266	·211	62·1	58·1	54·2	64·9	·420	·398	75	81	SSE 1	SSE 1	0	1	—	Very fine.
25	·091	·081	59·4	56·2	53·7	60·0	·437	·437	87	97	SW 2	WSW 3	9	10	·046	Overcast all day.
26	·198	30·179	62·8	56·5	49·2	66·0	·434	·384	76	84	SW 2	WSW 2	4	8	—	
27	·025	29·957	57·3	54·3	53·6	60·2	·391	·419	83	99	S 2	SSW 1	10	10	·086	●⁰ from 11.30*a.* [the day.
28	·081	30·154	62·4	58·1	52·3	66·0	·317	·369	57	76	NNW 2	NNW 1	3	8	—	Wind veered round the compass during
29	·256	·340	64·7	55·7	53·5	65·8	·322	·385	52	87	NW 2	W 1	2	1	—	
30	30·361	30·214	58·3	57·4	51·6	63·5	·423	·384	86	81	SSW 3	S 1	8	0	—	
Means	30·012	30·007	58·4	54·6	51·1	62·3	·374	·371	76·7	86·3	2·5	1·8	6·1	4·6	2·753	

DARTMOOR.

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

JUNE 1881.

1	30·262	30·219	68·9	59·0	53·0	74·0	·271	·231	38	46	NE 1	NE 1	1	2	—	
2	·162	·215	68·0	57·0	53·0	71·0	·386	·352	56	75	E 3	E 2	6	0	—	
3	·238	30·181	57·9	59·0	52·0	70·0	·394	·355	82	71	Calm 0	Calm 0	0	7	—	
4	30·120	29·935	56·0	51·6	44·7	64·6	·364	·371	81	97	W 3	W 3	4	10	·200	
5	29·640	·616	52·9	55·0	41·0	60·0	·401	·433	100	100	NW 4	NW 2	10	10	·820	≋ before 9*a.*
6	·610	·690	47·5	45·0	38·0	56·0	·220	·254	70	85	NW 3	NW 2	6	10	·220	
7	·703	29·867	43·0	39·0	39·0	47·0	·215	·199	78	84	NW 1	NE 2	7	1	·020	
8	29·972	30·199	43·5	36·0	35·0	48·0	·262	·192	93	91	NE 2	E 1	6	7	·050	
9	30·279	·318	45·0	40·0	34·0	51·0	·233	·188	78	76	E 2	NE 2	5	8	—	
10	·259	·037	47·2	48·0	39·0	53·0	·271	·335	84	100	SW 2	SW 3	10	10	·250	≋ 9*p.*
11	·015	·123	51·5	44·5	44·0	55·0	·329	·281	87	96	NE 2	NE 2	10	5	—	
12	·131	·134	53·9	50·0	41·0	60·0	·311	·309	75	86	NE 1	SW 1	7	10	·060	
13	·097	·113	55·5	46·0	45·0	62·0	·365	·275	83	90	NE 1	SW 1	7	3	—	≋ before 9*a.*
14	30·044	30·038	54·0	47·0	41·0	62·0	·388	·275	93	86	NW 1	SE 1	7	3	·070	
15	29·980	29·975	52·5	52·5	45·0	57·0	·396	·381	100	97	SW 1	SW 1	10	10	·150	≋ *a.*
16	·904	·834	52·9	54·0	50·0	54·0	·389	·418	98	100	S 2	S 1	10	10	·050	
17	·809	·802	53·9	52·0	51·0	55·0	·416	·388	100	100	S 4	S 5	10	10	1·400	≋ 9*p.*
18	·754	·861	52·9	50·0	50·0	56·0	·401	·361	100	100	S 3	S 2	10	10	·200	
19	·808	·771	52·5	50·0	48·0	56·0	·367	·361	94	100	SW 3	SW 1	10	10	·340	
20	·765	·612	51·9	52·0	50·0	53·5	·362	·388	94	100	S 2	S 3	10	10	1·130	Squalls before 9*a.*
21	·493	·551	52·5	51·5	51·0	54·0	·381	·381	97	100	SW 5	SW 3	10	10	·120	≋ *p.*
22	29·666	29·923	51·0	50·0	49·0	54·0	·348	·361	93	100	W 6	W 2	8	10	·480	
23	30·174	30·295	52·0	46·5	46·5	57·2	·309	·264	80	84	W 2	NE 1	10	3	—	
24	·261	·157	54·2	50·5	38·0	59·0	·270	·250	64	69	SW 1	S 1	3	3	—	
25	·060	·050	50·0	50·0	45·0	59·0	·361	·325	100	93	SW 4	W 5	10	1	—	
26	30·164	·188	46·0	50·0	40·0	59·0	·224	·334	73	93	NW 2	WNW 1	0	10	·300	
27	29·935	·068	51·0	49·5	48·0	57·0	·386	·316	100	90	S 3	NW 1	10	2	·060	≋ *a.*
28	30·177	·252	51·5	48·0	46·0	57·0	·293	·286	77	86	NW 2	N 1	10	3	—	
29	·295	·384	54·0	46·5	45·0	59·0	·312	·280	74	90	NW 3	Calm 0	7	3	—	
30	30·364	30·182	46·0	49·0	40·0	57·0	·224	·297	73	86	Calm 0	NW 3	2	4	—	
Means	30·005	30·023	52·4	49·3	44·7	57·9	·328	·315	83·8	89·0	2·3	1·8	7·1	6·5	6·820	

BABBACOMBE.

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

JUNE 1881.

Day.	Barometer at 32° and M. S. L. 9 a.m.	9 p.m.	Air Temperature. 9 a.m.	9 p.m.	Min.	Max.	Tension of Vapour. 9 a.m.	9 p.m.	Relative Humidity. 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	30·264	30·196	73·1	64·7	54·1	76·5	·374	·328	46	53	NNE 2	NNW 3	0	0	—	⌓ *a.* Day fine and hot. Squally *p.*
2	·186	·176	61·2	65·0	58·3	74·0	·373	·348	70	56	ENE 1	N 3	6	9	—	≋⁰ (mist) *a.* Very hot and fine.
3	·212	30·191	69·8	57·0	57·0	77·8	·331	·290	46	62	NE 2	NNW 2	0	2	—	≋⁰ (mist) *a.* Very hot and fine.
4	30·112	29·928	62·6	55·6	46·8	75·8	·348	·370	61	84	ENE 1	WSW 3	2	4	—	Very fine and hot.
5	29·651	·505	57·8	48·3	48·2	58·7	·415	·278	86	83	WSW 5	NW 2	10	8	·490	
6	·596	·623	55·7	45·8	45·8	60·3	·274	·247	62	81	NW 3	WSW 2	5	2	—	⌓ after 8*p.*
7	·690	29·836	50·2	44·0	43·2	55·7	·248	·204	69	69	NNW 4	WNW 2	6	1	·020	Squalls 9*a.* ⌓ *p.*
8	29·944	30·148	51·9	44·8	40·2	55·4	·231	·256	60	86	NNE 3	NNE 3	6	9	·230	⌓ *a.* △ ●² 10.45 *a.* T⁰ *p.* ⌒ 7.30*p.*
9	30·276	·291	54·5	45·7	39·9	58·5	·225	·207	54	68	NNW 2	N 3	3	2	—	Frost on grass in past *n.*
10	·243	·020	50·0	51·6	44·0	53·7	·269	·371	75	97	SSW 1	S 1	10	10	·210	≋ 7.30*p.*—Midnight.
11	·011	·086	51·0	50·8	50·3	52·7	·366	·356	98	95	ENE 2	SSW 1	10	9	—	≋ till 8.45*a.* ≋⁰ (mist) *p.*
12	·123	·115	60·0	54·0	43·9	63·7	·346	·353	65	83	SE 2	WSW 2	7	10	·090	[8.30*p.* ⌓⁰ *p.*
13	·099	·074	57·5	52·7	52·7	61·7	·418	·386	88	97	ENE 1	NE 1	8	10	—	● early *a.* ≋ *a.* and after 6*p.* ≋
14	30·054	30·020	51·1	51·6	49·0	54·7	·365	·371	97	97	ENE 1	Calm 0	10	10	·120	≋ ⌓ *a.* and *p.*
15	29·995	29·976	52·6	54·1	48·2	63·7	·385	·378	97	90	SSE 2	S 3	10	10	·040	≋ till 9*a.*
16	·909	·845	53·3	53·9	52·0	56·8	·393	·399	97	96	SSE 2	SSE 3	10	10	·430	≋
17	·823	·813	55·7	56·1	53·9	57·7	·431	·431	97	96	S 3	S 4	10	10	·490	≋
18	·771	·849	55·2	52·9	52·9	63·9	·421	·375	97	94	S 4	SW 2	10	1	·110	≋⁰ (mist) *p.* ⌓ 9*p.*
19	·818	·787	60·3	54·7	50·9	61·7	·430	·388	83	91	SSW 3	SW 4	9	3	·040	⌓ ⌓ *a.* and *p.*
20	·774	·625	58·2	54·3	53·1	59·5	·418	·393	86	93	S 4	SSE 3	10	10	·360	○⁰ 8.45*a.*—9*a.*
21	·514	·580	60·0	56·0	53·9	62·8	·424	·399	82	89	SSW 5	SW 5	9	8	·080	╲ from SSW. Mid-day.
22	29·682	29·910	56·3	54·9	53·7	64·0	·379	·356	84	83	SW 5	SW 5	9	9	·050	╲ from SW. with squalls, Mid-day.
23	30·140	30·277	61·0	53·7	50·1	66·3	·362	·279	68	68	W 2	N 1	9	8	—	
24	·264	·159	59·8	53·9	46·0	65·3	·286	·360	56	86	NE 1	SSE 2	2	6	·310	○⁰ 7*p.*—8*p.* ⌓ after 8*p.*
25	·052	·145	54·6	53·8	52·5	63·7	·415	·344	97	82	SW 3	WSW 2	10	1	·050	≋⁰ (mist) ⌓ *a.* and *p.*
26	30·253	·164	61·2	55·0	50·7	69·2	·400	·360	75	83	WSW 2	SW 3	9	10	·030	
27	29·944	·031	53·3	54·9	53·1	68·7	·381	·335	94	78	S 3	NW 3	10	3	·010	Squalls *p.* ⌓ 9*p.*
28	30·152	·223	61·3	50·6	48·3	63·5	·338	·285	63	77	NW 2	W 1	9	1	—	⌓ after 8*p.*
29	·286	·354	61·0	52·6	45·2	67·7	·342	·333	62	83	WSW 2	WSW 2	3	1	—	⌓ *n.* and *p.*
30	30·294	30·135	59·5	55·3	48·8	66·7	·379	·394	75	90	SSW 4	SSW 3	6	1	—	⌓ after 8*p.*
Means	30·004	30·063	57·7	53·3	49·6	63·3	·359	·339	76·3	83·0	2·6	2·5	7·3	5·9	3·160	

ST. AUBIN'S, JERSEY.

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

JUNE 1881.

1	30·280	30·220	69·2	61·2	55·7	74·3	·319	·327	45	60	ENE 2	NE 1	0	0	—	Extremely fine and hot. Humidity [42%, 2*p.*
2	·179	·186	65·2	56·3	55·1	71·7	·384	·331	61	72	SE 1	NbyW 2	2	2	—	Extremely fine and warm. ○⁰ at times.
3	·232	·212	66·2	60·2	53·1	74·2	·432	·423	67	82	Calm 0	NW 1	5	0	—	Extremely fine. ∞ *p.*
4	30·188	30·056	63·7	53·0	52·7	66·2	·412	·371	69	92	NW 2	W 1	2	0	—	Extremely fine. ∞ at times. ⌓ *p.*
5	29·852	29·569	58·5	55·3	51·9	66·1	·386	·423	78	97	SW 2	WbyN 2	10	10	·680	● from 4.30*p.* [10*p.*
6	·632	·679	58·3	56·2	49·1	58·8	·334	·247	68	68	NW 3	WbyN 2	2	4	·130	Fine and bright, with cold wind. ● △
7	·690	29·816	52·0	48·4	43·9	57·7	·279	·244	72	72	NbyW 3	NbyW 2	6	6	·105	Fine but cold *a.* ● 4*p.* ∢ 7.30*p.*
8	29·933	30·117	46·7	49·1	43·7	54·9	·264	·262	83	74	NE 2	NNE 2	10	7	·008	(△ at places near *p.*) Distant T 5*a.* △⁰ 6.45*a.* T⁰ 5*p.*
9	30·271	·316	53·3	49·2	45·0	56·8	·236	·266	58	76	NNE 3	Calm 0	3	10	—	Bright and fine. Cold wind.
10	30·287	·147	55·3	50·0	42·9	56·4	·307	·345	70	96	NW 1	S 2	9	10	·810	Min. on grass, 34·0 *n.* ● from 2*p.*
11	29·973	·081	57·0	54·3	48·6	59·8	·428	·377	92	89	NW 1	Calm 0	9	9	·002	≋ 4*a.* [Night very clear.
12	30·172	·199	58·4	51·2	49·2	63·2	·357	·343	73	91	NW 1	Calm 0	4	0	—	⌓ *a.* Extremely fine day. ⌓⁰ *p.*
13	·155	·177	58·1	52·3	49·0	62·7	·376	·373	77	95	SW 2	SW 1	10	4	—	Fine from 5*p.* ⌓ *p.* Wheat in ear.
14	·077	·065	56·4	53·5	51·1	61·0	·413	·393	91	95	Calm 0	NW 1	10	10	·004	Gloomy *a.* Fine from 4*p.* ⌓⁰ *p.*
15	30·053	30·011	57·6	59·0	49·4	63·0	·388	·407	82	82	WbyN 1	E 1	7	7	·003	≋⁰ early *a.* Day very fine.
16	29·984	29·951	59·5	60·4	55·3	61·9	·435	·442	86	85	S 1	S 2	10	10	·076	Overcast day.
17	·944	·934	63·0	61·2	57·1	65·1	·474	·437	82	81	SbyE 3	SbyW 2	4	10	·195	
18	·915	·928	57·9	55·7	55·7	61·2	·461	·423	96	95	Calm 0	Calm 0	10	6	·200	Very damp.
19	·912	·916	64·0	56·2	53·0	65·0	·464	·416	78	92	SW 2	Calm 0	3	8	·073	Wheat in flower.
20	·893	·718	63·0	61·0	54·4	64·6	·443	·439	77	82	SbyE 2	SSE 2	3	10	·060	
21	·653	29·722	64·2	58·0	56·3	69·2	·458	·451	76	93	S 3	SSW 2	9	5	·130	Warm *a.* Cool *p.* ⌒ 7.20*p.*
22	29·819	30·038	63·1	54·6	54·0	66·1	·430	·361	74	85	SW 3	WNW 2	1	0	·022	
23	30·206	·207	60·8	53·7	53·1	66·9	·422	·362	80	88	SW 2	N 1	6	0	—	Day extremely fine. ⌓⁰ *p.*
24	·295	·205	64·7	61·0	50·2	69·2	·380	·376	62	71	SE 1	E 1	0	3	—	⌓ *a.* Extremely fine.
25	·156	·205	60·0	55·0	54·1	61·8	·395	·421	76	97	S 1	WNW 2	10	0	·280	● 10*a.*—1*p.* ⌓ *p.* Fine night.
26	·320	·250	62·3	54·8	53·1	65·1	·435	·373	77	88	WbyN 1	Calm 0	4	2	—	⌓ *a.* ⌓⁰ *p.* Extremely fine day.
27	·055	·044	59·2	56·2	52·8	60·0	·428	·440	86	98	SW 2	NW 2	10	5	·026	Gloomy till 5*p.* ⌓⁰ *p.* Fine night.
28	·191	·253	60·8	53·5	51·7	64·1	·370	·367	70	89	NbyE 2	Calm 0	8	0	—	⌓ *a.* and *p.* Fine day. Very fine [night.
29	·350	·419	63·1	54·0	50·0	66·0	·363	·382	63	92	NW 2	NW 1	2	0	—	⌓ *a.* and *p.* Day extremely fine.
30	30·386	30·208	62·5	63·1	50·5	69·1	·393	·391	69	68	SE 2	Calm 0	0	0	—	⌓ *a.* Extremely fine day.
Means	30·068	30·063	60·1	55·4	51·4	64·1	·389	·374	74·6	84·8	1·7	1·2	5·6	4·6	2·804	

Earth temp.:—Mean of 10 readings at 9*a.* (every third day) at 1 foot 61°·16, 3 feet 59°·72, 6 feet 55°·29.

LONDONDERRY.

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

JUNE 1881.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	
	ins.	ins.	°	°	°	°	in.	in.	%	%					ins.	
1	30·251	30·183	71·6	59·9	50·0	79·1	·401	·399	52	78	W 1	Calm 0	0	0	—	Fine and clear all day.
2	·181	·235	67·7	53·2	48·1	74·0	·388	·328	57	81	WSW 1	SW 1	3	0	—	
3	30·173	30·050	57·6	57·1	51·1	60·0	·332	·407	70	87	SW 3	SW 3	10	10	—	
4	29·814	29·562	60·7	51·7	50·2	62·0	·364	·347	69	90	SW 4	SW 2	9	10	·520	● noon.—7p.
5	·546	·557	54·7	46·7	45·0	60·3	·295	·279	69	88	NW 2	W 2	6	9	·180	
6	·562	·795	50·7	44·7	40·6	56·8	·273	·219	74	74	W 2	NE 3	8	2	·080	▲ 10a.
7	29·861	29·954	48·7	41·7	38·9	52·1	·209	·208	60	79	NNW 3	NNW 1	3	2	·100	▲ showers. Cold.
8	30·123	30·288	47·1	44·7	37·0	55·0	·221	·235	68	79	NE 3	NNW 1	8	4	—	Fine and clear.
9	·336	·280	52·5	49·7	38·8	59·0	·229	·288	59	81	NW 1	SE 1	7	10	·130	● from 8p.
10	·050	·015	49·1	50·8	45·2	56·6	·324	·349	93	93	S 2	WSW 2	10	10	·040	● 0 till 2p.
11	·056	·063	51·7	48·7	47·0	59·6	·337	·301	88	87	NE 1	Calm 0	10	10	—	Overcast and dull.
12	·083	·140	54·7	53·1	43·8	59·2	·366	·349	72	86	Calm 0	Calm 0	10	10	·010	
13	30·155	30·112	55·7	49·7	47·9	57·5	·343	·312	77	88	N 2	E 1	10	8	—	
14	29·995	29·865	63·7	56·7	40·6	70·2	·329	·354	56	76	SSE 3	E 2	5	6	·030	
15	·820	·848	63·7	54·7	53·8	64·5	·460	·406	77	95	S 1	E 1	9	10	·080	
16	·780	·707	57·8	53·8	52·1	58·2	·421	·366	87	88	E 3	ENE 2	10	10	·300	● 11a.—6p.
17	·679	·650	58·9	54·7	53·0	66·5	·368	·377	74	88	S 2	ENE 2	8	10	·040	
18	·578	·609	60·7	55·3	53·3	66·5	·390	·383	74	87	SE 3	S 2	9	8	·140	● 2 showers from 4p. ⚢ 5.20p.
19	·677	·603	60·7	54·7	48·1	68·1	·395	·377	75	88	SE 2	S 2	8	10	·040	
20	·576	·403	60·7	54·9	48·8	64·1	·350	·420	66	98	SW 2	SE 1	10	10	·410	
21	·128	·221	62·7	52·7	50·8	66·0	·418	·349	73	88	SW 3	W 3	4	9	·180	T noon. ● noon.—4p.
22	29·385	29·719	55·7	50·8	49·4	61·1	·353	·336	79	90	SW 3	W 2	10	10	·420	● showers till 1p. ● 1p.—6p.
23	30·060	30·186	53·0	49·8	46·0	60·4	·297	·320	74	89	W 2	E 1	10	5	—	
24	30·017	29·801	57·1	54·7	46·8	62·2	·324	·372	70	87	SSE 4	SSW 4	10	10	·180	● 1p.—7p.
25	29·743	·992	59·8	52·7	50·1	63·5	·346	·331	67	83	SW 3	SW 1	8	6	·140	
26	30·131	·980	55·5	54·0	48·0	65·0	·300	·371	68	89	WSW 2	SW 1	10	10	·300	
27	29·865	29·940	54·7	51·7	49·8	62·0	·336	·337	78	88	W 2	W 2	10	7	·070	
28	29·978	30·037	55·9	54·3	48·4	59·1	·325	·354	71	83	W 4	SW 3	9	10	·240	
29	30·025	30·161	53·7	53·3	48·6	62·2	·324	·341	78	83	WSW 4	SW 2	10	6	·310	
30	29·842	29·740	58·8	56·7	48·4	65·6	·467	·378	95	82	SW 4	SW 4	10	10	·310	● till noon.
Means	29·882	29·890	57·2	52·2	47·3	62·5	·341	·340	72·3	85·8	2·4	1·7	8·1	7·7	4·250	

MARKREE CASTLE.

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

JUNE 1881.

1	30·237	30·169	67·7	58·2	43·9	74·4	·477	·318	71	66	Calm 0	Calm 0	0	0	—	◐ 2 a.
2	·174	·233	62·2	50·1	40·8	64·4	·413	·333	74	92	Calm 0	Calm 0	10	1	—	
3	30·181	30·077	58·0	55·6	43·3	61·3	·347	·425	72	96	SW 2	WSW 2	10	10	·008	
4	29·830	29·603	60·2	51·1	50·3	61·8	·396	·350	76	93	WSW 2	NW 2	10	10	·552	
5	·588	·588	49·0	45·5	44·3	56·5	·285	·262	82	86	NW 1	Calm 0	10	6	·285	⌒ 7.30p.
6	·596	·800	42·7	45·2	40·6	54·9	·266	·231	96	77	NW 1	Calm 0	10	5	·030	
7	29·873	29·965	49·1	42·2	32·3	53·4	·232	·210	67	79	NW 2	Calm 0	5	5	·005	▲ Midt.
8	30·111	30·288	51·6	43·2	33·3	55·1	·242	·223	64	80	N 1	N 1	8	2	—	
9	·350	·264	49·1	48·1	29·7	59·0	·252	·298	72	89	Calm 0	Calm 0	9	10	·202	
10	·056	·055	50·5	49·8	44·8	57·0	·358	·293	98	82	Calm 0	WNW 2	10	10	·058	
11	·024	·055	54·1	51·1	46·5	58·9	·336	·325	81	86	NNW 2	Calm 0	10	10	·035	
12	·075	·149	53·9	53·1	45·3	59·4	·364	·362	88	89	Calm 0	N 2	10	10	—	
13	30·161	30·063	53·6	50·9	49·4	60·2	·297	·300	72	81	N 1	NE 1	10	5	—	
14	29·935	29·813	60·0	57·9	43·5	66·0	·372	·437	72	91	SE 3	SE 3	8	10	·173	
15	·804	·803	59·4	55·3	53·2	65·4	·440	·375	88	86	S 1	Calm 0	10	10	·001	
16	·715	·586	53·6	54·1	52·4	57·6	·380	·390	93	93	SE 2	SE 4	10	10	·330	
17	·653	·540	56·9	53·3	48·9	65·0	·381	·393	83	97	SE 2	ESE 3	10	10	·080	
18	·452	·569	57·2	54·6	53·0	65·2	·453	·356	97	84	SSE 4	SSE 4	10	10	·044	T 1.30p.
19	·601	·590	59·1	51·1	48·1	63·2	·382	·355	77	94	ESE 4	Calm 0	10	7	·196	T 2p. ≋ at night.
20	·532	·305	54·9	55·2	40·0	62·9	·366	·427	86	98	SSE 3	SE 1	10	10	·274	◐ 2 2a. ≋
21	·069	·266	58·5	51·1	50·9	62·2	·374	·335	77	89	SSE 4	SE 2	6	6	·060	
22	29·436	29·780	55·8	50·1	46·6	59·0	·370	·341	83	94	WSW 2	NW 3	10	9	·292	
23	30·090	30·166	52·6	48·6	45·1	60·2	·356	·312	90	92	Calm 0	Calm 0	10	6	—	
24	29·983	29·762	58·0	54·1	41·4	61·4	·430	·408	89	97	SSW 4	SSE 6	10	10	·310	Sharp squalls p.
25	29·761	30·020	59·8	52·3	52·3	64·3	·459	·339	90	86	SW 3	W 1	10	6	·004	
26	30·147	29·960	56·7	54·2	48·0	63·5	·345	·361	75	86	Calm 0	SW 1	10	10	·208	
27	29·912	29·977	53·4	50·1	49·3	59·4	·345	·316	85	87	NW 3	Calm 0	6	8	—	
28	30·023	30·058	55·2	53·1	48·0	60·2	·370	·379	85	93	Calm 0	WSW 2	10	10	·122	
29	30·067	30·140	56·3	52·9	49·9	61·7	·412	·351	90	88	SSW 3	Calm 0	10	10	·308	
30	29·842	29·736	59·7	55·4	51·2	64·7	·487	·401	95	92	SW 3	SW 3	10	10	·179	
Means	29·876	29·879	55·6	51·6	45·5	61·3	·366	·340	82·3	88·1	1·8	1·4	9·1	7·9	3·756	

DUBLIN.

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

JUNE 1881.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	
	ins.	ins.	°	°	°	°	in.	in.	%	%					ins.	
1	30·286	30·205	65·2	61·4	52·1	71·7	·411	·429	66	79	Calm 0	SW 2	0	0	—	≋0 (mist) a. and p. Very warm and [summer-like.
2	·192	·220	67·1	63·1	55·9	74·8	·410	·416	62	72	ESE 1	WNW 2	0	1	—	Brilliant a. Humidity 41 % 1p.
3	30·241	30·128	60·1	60·4	50·9	70·0	·346	·368	67	79	W by S 3	WSW 4	6	8	—	Very fine a. Cir. increasing a. Cloudy p.
4	29·937	29·631	64·7	59·0	56·2	69·1	·398	·433	65	87	WSW 4	WSW 5	5	10	·210	◢ p. with squalls.
5	·603	·589	55·9	50·0	49·6	60·3	·279	·273	61	76	WNW 3	WNW 2	4	3	·030	● ▲ showers p. ▲ 2 Distant T 1p.
6	·575	·726	52·2	47·2	42·5	54·0	·268	·222	69	69	WNW 3	N 3	4	0	·260	Distant T ● 2 ▲ 2 at intervals a. and [p.
7	29·830	29·914	49·3	44·9	39·1	54·6	·218	·222	62	75	N by W 3	NNW 4	4	2	·049	▲ ● showers p.
8	30·068	30·238	49·3	46·8	36·8	53·4	·202	·233	58	73	N 2	N 2	3	2	—	Very cold early a. Air very dry and [searching all day.
9	·332	·294	49·4	50·5	37·9	57·3	·217	·277	61	76	NNW 3	SE 1	7	9	·171	Very cold early a.
10	·112	·029	50·1	53·2	46·9	58·1	·338	·323	93	80	SE 1	NW 3	10	6	·120	
11	·031	·046	54·1	53·2	45·3	57·4	·331	·355	79	88	NNW 1	SE 2	8	9	—	
12	·081	·118	60·2	56·1	51·1	60·6	·355	·355	68	78	W 2	NW 2	7	9	·032	Bright early a. ● 11a.—2p.
13	·136	30·090	58·1	53·6	50·7	58·7	·336	·366	69	89	NNW 2	Calm 0	8	3	—	
14	30·073	29·904	58·0	57·9	45·1	65·0	·362	·368	75	76	ESE 2	S 2	3	6	·072	Very fine.
15	29·857	·834	58·4	57·7	55·1	63·3	·445	·425	91	89	S 2	SSE 3	10	7	·091	
16	·788	·697	57·2	54·0	53·4	59·4	·381	·388	81	93	S by E 2	SSE 3	10	10	·510	Very dull. Wind backing.
17	·707	·639	59·1	56·1	53·0	63·3	·423	·421	85	93	Calm 0	SE 2	8	10	·082	● 2 early a., wind veered. Very fine [1p. Wind backing later p.
18	·587	·680	56·5	56·5	55·1	63·2	·418	·333	91	72	SE by S 4	WSW 4	10	1	·077	
19	·699	·625	60·5	54·9	53·0	62·4	·419	·397	80	93	SE by S 3	SW 1	8	6	·336	● 2 showers p.
20	·616	·420	57·3	55·8	51·1	62·2	·388	·417	82	94	S 2	S by E 3	9	10	·130	Dull day.
21	·237	·350	59·1	55·5	54·2	64·3	·384	·354	76	80	SSW 3	SW 3	6	6	·010	◢ ● p., with squalls.
22	29·521	29·763	56·6	54·6	50·1	64·4	·335	·345	73	81	SW 2	W by N 4	8	6	·041	Bright early a. Warm day. ● 2 p. [Beautiful sunset.
23	30·097	30·212	55·1	56·0	49·8	60·3	·286	·340	66	75	WNW 3	SW 1	8	9	—	Much cir.-c. and cir.-s. all day.
24	30·135	29·970	60·2	55·7	52·0	65·3	·352	·359	67	81	SSW 4	S by W 2	8	10	·096	Bright early a. Much cir. a. Squally [◢ p.
25	29·840	30·026	61·1	58·4	54·5	64·8	·382	·362	71	74	W 5	W by N 3	5	6	·061	
26	30·182	·041	59·0	58·0	53·1	65·4	·342	·328	69	68	W 2	S 3	8	10	·033	Fine and mild, though cloudy at times.
27	29·893	·012	58·2	54·7	54·3	62·3	·363	·311	75	73	WNW 3	W by N 3	4	5	—	
28	30·070	·140	59·0	55·1	49·8	61·7	·312	·326	62	75	W by N 4	W by N 2	6	6	—	
29	30·139	30·202	59·2	59·1	52·2	65·9	·340	·387	68	77	W by S 5	SW 2	9	7	·093	Squally ◢ a.
30	29·977	29·864	63·2	59·6	55·0	66·0	·450	·400	78	78	SW 4	WSW 3	9	2	·162	◢ a. and p. Warm a. ● 2 4p. [Brilliant evening.
Means	29·926	29·920	57·8	55·3	50·2	62·6	·350	·351	72·3	79·5	2·6	2·5	6·5	6·0	2·666	

PARSONSTOWN.

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

JUNE 1881.

1	30·273	30·223	69·3	60·9	60·0	75·5	·413	·369	57	69	Calm 0	Calm 0	0	0	—	
2	·220	·273	65·0	55·0	47·2	69·6	·391	·337	63	78	W 0·5	W 2	2	0	—	
3	30·248	30·163	59·1	56·8	45·0	66·1	·361	·391	72	84	SW 1·5	WSW 2	6	10	—	
4	29·941	29·654	62·5	56·4	55·0	64·4	·401	·425	71	94	WSW 2	W 3	8	10	·482	
5	·631	·641	54·5	46·8	46·8	57·9	·274	·248	65	78	W 1	W 0·5	6	1	·058	
6	·625	·797	52·9	45·7	39·0	55·4	·234	·249	59	82	WNW 4	NW 0·5	5	4	·112	▲ p. Distant T (2 peals).
7	29·883	29·976	50·9	43·9	36·5	54·0	·216	·203	58	72	NW 1	NW 2	4	6	·014	
8	30·109	30·281	48·5	47·7	32·4	57·0	·212	·223	62	68	NNW 1	NW 1	5	3	—	
9	·366	·313	51·1	51·1	32·0	58·8	·230	·284	62	75	NNW 0·5	Calm 0	5	8	·192	
10	·091	·077	54·5	50·9	45·5	59·5	·410	·286	96	77	WSW 0·5	NW 1	10	10	·035	
11	·036	·057	54·1	54·8	46·0	62·0	·341	·340	81	79	NNW 0·5	W 0·5	10	6	·015	
12	·094	·137	54·7	55·7	48·2	59·8	·358	·376	83	85	WSW 0·5	NNW 1	10	8	—	≋0 (mist) 9p.
13	30·166	30·079	55·1	54·5	50·5	62·3	·317	·329	73	77	NNW 1	E 0·5	10	7	—	
14	29·967	29·855	61·6	55·5	52·4	66·8	·314	·384	58	87	SE 2	SE 1	6	8	·203	
15	·838	·814	56·1	58·9	54·0	64·2	·308	·453	88	92	WSW 0·5	WSW 1	10	10	·078	
16	·815	·590	55·9	55·7	50·0	64·3	·374	·410	84	93	SSE 1	SE 3	8	10	·492	
17	·683	·546	57·4	56·9	49·3	65·0	·355	·424	75	92	SSE 2	SE 3	8	10	·145	
18	·465	·645	58·5	54·4	54·0	64·0	·446	·338	91	80	SE 2	S 2	10	4	·148	
19	·637	·638	57·8	54·1	50·8	62·8	·383	·384	80	91	SE 1	SW 1	10	10	·245	
20	·564	·324	57·3	52·1	45·0	60·8	·394	·368	83	94	SSE 2	SSE 2	10	10	·328	
21	·157	·353	55·9	52·7	52·1	60·0	·386	·336	86	85	SSE 2	SW 2	10	6	·130	
22	29·509	29·814	57·9	52·5	46·6	61·6	·326	·336	68	85	SW 2	WSW 1	5	8	·195	
23	30·122	30·217	55·8	51·5	50·0	60·0	·399	·303	89	79	WNW 1	WNW 0·5	4	2	—	
24	30·061	29·881	59·7	53·7	44·4	63·9	·363	·379	70	92	WSW 2	S 3	6	10	·295	
25	29·852	30·077	58·8	54·8	53·5	63·2	·375	·340	76	79	WSW 2	W 1	8	6	·150	
26	30·196	·019	57·4	54·7	49·5	62·8	·355	·366	75	86	WSW 0·5	SE 1	4	10	·287	
27	29·939	·040	55·3	52·0	52·0	62·0	·356	·370	81	80	WNW 1	W 1	10	5	·010	
28	30·104	·146	55·7	54·9	49·7	62·0	·304	·344	68	79	W 2	WSW 1	10	10	—	
29	30·142	30·193	58·5	57·1	51·0	63·0	·344	·366	70	79	SW 2	S 0·5	5	10	·176	
30	29·943	29·851	61·4	57·3	52·8	63·0	·494	·361	91	77	S 1	SSW 2	10	10	·392	● all day.
Means	29·923	29·922	57·1	53·6	48·1	62·4	·351	·342	74·5	82·3	1·3	1·3	7·2	7·1	4·182	

DUNROBIN CASTLE.

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

JULY 1881.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	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	29·677	29·970	59·2	53·7	50·4	66·2	·345	·408	60	99	W	N	—	—	·030	● *a.* Fine *p.*
2	·962	·764	58·6	53·7	49·4	60·6	·442	·408	90	99	SW	S	—	—	·120	Fine *a.* Dull *p.*
3	·680	29·838	62·4	54·0	53·1	64·6	·525	·388	94	93	W	NW	—	—	·230	
4	29·835	30·041	55·7	53·7	52·4	63·2	·415	·379	93	92	NE	SW	—	—	·050	Dull day.
5	30·016	29·803	55·5	56·3	51·6	58·2	·384	·401	87	88	W	E	—	—	·150	
6	29·653	·608	57·9	52·0	50·6	59·6	·443	·323	92	83	NW	N	—	—	1·040	Dull day.
7	·688	·834	51·0	50·3	48·6	54·3	·323	·295	86	81	N	NW	—	—	—	Dull day.
8	·863	·914	50·5	51·3	46·9	56·5	·358	·362	78	96	W	N	—	—	—	Dull and mild.
9	·908	·835	55·5	54·3	48·6	57·9	·353	·399	80	95	E	NE	—	—	·170	
10	·901	·912	58·4	55·0	51·4	65·9	·402	·403	82	93	SW	NE	—	—	·240	Fine *a.* ● *p.*
11	·774	·827	62·9	57·9	53·6	65·2	·444	·361	78	75	S	NW	—	—	·150	
12	·879	·804	59·9	56·5	51·6	63·6	·353	·371	69	81	SW	SW	—	—	—	Fine *a.* Fresh breeze.
13	·802	·068	62·9	57·3	52·6	64·9	·350	·361	61	77	W	NW	—	—	·040	Fine *a.* Fresh breeze.
14	·976	29·892	57·6	64·4	53·1	68·8	·435	·455	91	75	NE	W	—	—	—	
15	29·774	30·033	66·4	54·5	51·6	67·1	·460	·355	71	84	SW	N	—	—	—	Fresh breeze *a.*
16	30·043	30·082	55·0	53·0	48·4	61·9	·287	·335	67	83	W	W	—	—	—	Dull *a.* Fine *p.*
17	29·932	29·632	56·3	60·4	48·4	61·6	·354	·433	78	83	SW	SW	—	—	·300	Dull all day.
18	·729	·860	60·4	55·5	52·6	64·6	·390	·381	74	86	N	NE	—	—	—	Dull but dry. Breezy *p.*
19	·782	·742	56·7	54·7	49·4	62·6	·373	·345	81	81	SW	SW	—	—	—	
20	·598	·750	59·2	49·5	46·7	60·6	·392	·286	78	81	W	SW	—	—	·020	
21	·924	·885	57·9	52·0	44·9	61·4	·309	·375	64	97	NW	W	—	—	·300	
22	·676	·737	49·3	50·5	48·1	54·3	·311	·322	89	88	E	W	—	—	·280	● 2 *a.*—Noon.
23	·821	·827	57·9	52·5	47·6	60·4	·287	·362	59	92	NW	N	—	—	·020	Fine day.
24	·682	·494	56·0	53·7	50·6	59·9	·373	·402	83	97	SE	NE	—	—	·400	
25	·490	·562	56·3	53·5	51·6	58·4	·401	·359	88	88	NE	SW	—	—	·350	
26	·655	·884	54·3	46·6	45·5	56·6	·308	·252	73	80	N	N	—	—	—	
27	·904	·946	52·5	49·5	40·2	59·9	·317	·299	80	85	W	N	—	—	—	
28	·916	·697	57·9	52·7	48·1	62·2	·312	·344	65	86	W	SE	—	—	·050	Fine day.
29	·561	·638	57·4	56·5	50·6	65·4	·387	·358	82	78	SE	SW	—	—	·060	Dull *a.* Fine but breezy *p.*
30	·544	·492	58·2	55·3	52·1	61·2	·410	·346	84	79	SW	W	—	—	—	Fine but breezy *p.*
31	29·409	29·403	57·6	52·5	44·2	60·6	·346	·342	73	87	S	SW	—	—	·100	Fine *a.* ● showers *p.*
Means	29·776	29·796	57·5	54·0	49·3	61·6	·374	·362	78·7	86·5	—	—	—	—	4·100	

BRAEMAR.

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

JULY 1881.

1	29·699	29·927	54·8	51·3	50·4	61·5	·332	·314	77	83	SW 2	W 0·5	7	3	—	Fine day.
2	·999	·835	53·7	52·3	48·3	59·8	·291	·302	71	77	SW 1	SW 4	7	8	·110	Fine *a.* ● *p.*
3	·688	·735	56·8	57·6	50·4	62·2	·359	·392	77	82	SW 4	SW 1	8	10	·120	Fine *a.* ● *p.*
4	29·848	·997	56·2	52·8	52·8	65·5	·416	·286	92	72	SW 0·5	SW 2	10	7	—	
5	30·009	·801	55·3	60·1	48·2	61·2	·312	·468	72	90	SW 1	SW 1	7	8	·350	
6	29·631	·581	59·6	50·2	50·0	62·7	·491	·296	96	82	SW 0·5	NW 6	10	10	·510	● 2
7	·654	·791	47·7	49·5	44·1	58·1	·248	·286	76	81	NW 2	NW 1	8	6	—	
8	·816	·870	54·5	52·3	49·2	60·5	·311	·362	73	92	NW 1	NE 0·5	7	10	·150	
9	·842	·780	56·3	53·3	49·4	61·5	·344	·341	76	83	E 0·5	SW 0·5	8	10	·250	
10	·863	·880	55·5	54·8	50·2	65·5	·343	·392	78	91	NW 1	SW 2	7	9	·040	
11	·784	·853	58·6	51·3	51·3	62·3	·399	·307	81	81	SW 3	SW 3	7	4	·070	
12	·890	·855	55·8	55·3	50·0	61·5	·286	·341	64	78	SW 4	SW 2	7	9	—	
13	29·825	·952	55·9	55·8	51·2	67·5	·320	·380	72	85	SW 1	SW 2	5	8	—	
14	30·005	29·963	59·6	63·6	54·2	70·2	·420	·422	82	72	SW 1	SW 2	7	8	—	
15	29·832	30·032	58·6	53·2	53·2	66·5	·347	·275	71	68	SW 4	W 0·5	6	7	—	
16	30·028	30·032	53·7	55·3	39·7	66·7	·281	·260	69	60	SW 1	W 0·5	6	7	—	
17	29·947	29·631	53·5	57·8	46·6	61·7	·283	·410	70	85	SW 2	W 2	7	6	·310	
18	·740	·824	56·9	52·5	52·0	62·9	·370	·280	80	72	SW 2	SW 2	7	2	—	
19	·792	·766	54·7	52·2	45·5	63·0	·203	·292	69	75	NW 2	SW 1	5	4	—	
20	·587	·803	57·6	45·8	45·8	58·8	·315	·237	67	77	SW 2	NW 4	6	5	·090	Cold ● showers.
21	·897	·812	52·8	49·6	44·1	59·4	·255	·277	64	78	NW 2	SW 0·5	7	8	·200	
22	·612	·669	49·5	50·5	44·5	60·5	·309	·293	88	80	SW 0·5	NW 1	9	8	·070	
23	·792	·766	53·2	51·5	47·1	59·5	·265	·337	66	89	NW 1	SW 0·5	6	8	·020	
24	·657	·480	54·5	52·5	47·2	57·7	·363	·342	86	87	SW 2	S 1	8	9	·150	
25	·419	·506	52·0	51·5	44·5	56·5	·330	·325	85	85	NW 0·5	NE 2	9	6	·070	
26	·596	·803	50·5	45·6	43·6	55·2	·317	·276	87	90	NE 1	NE 1	8	6	·020	
27	·914	·932	48·7	49·7	40·3	57·9	·233	·279	68	79	NE 1	SW 1	5	6	·010	
28	·921	·723	50·9	47·5	46·1	55·9	·252	·304	68	94	W 2	SW 1	6	8	·190	
29	·537	·644	58·4	53·7	46·6	61·5	·383	·309	78	75	SW 2	SW 6	9	7	—	
30	·537	·523	55·8	48·5	47·6	58·8	·331	·316	74	94	SW 4	SW 1	7	8	·110	
31	29·366	29·328	54·5	52·5	41·3	57·5	·299	·268	71	69	S 4	NW 0·5	7	7	·050	
Means	29·765	29·777	54·7	52·6	47·5	61·3	·326	·322	75·7	80·8	1·8	1·7	7·2	7·2	2·890	

LAUDALE.

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

JULY 1881.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind. Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	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	29·751	30·007	56·0	51·7	51·5	58·0	·391	·314	87	82	WSW 3	WSW 2	10	9	·030	*a.* ∞ at sunset.
2	30·049	29·813	56·0	53·4	50·2	60·8	·365	·365	81	89	WSW 4	SSW 7	10	10	·750	Dull and threatening *a.* (mist).
3	29·823	29·828	58·3	57·2	52·1	61·0	·417	·434	86	93	WNW 4	WNW 6	10	10	1·150	(mist) *a.* and *p.* [4th. (mist).
4	29·889	30·086	57·4	54·2	55·0	66·6	·438	·361	93	86	SW 7	WSW 2	10	9	·040	● began 2*p.* and and continued till 10*a.*
5	30·024	29·776	54·9	64·0	51·8	64·0	·363	·522	85	87	SSE 1	S 5	1	3	·300	(mist) *a.* and *p.* Wind in strong
6	29·678	·760	56·0	51·5	53·7	64·0	·397	·317	88	83	Calm 0	NNW 6	1	7	·030	Dull and damp. (mist). [gusts.
7	·840	·877	53·3	53·8	48·7	57·9	·318	·371	78	89	NNW 3	W 2	3	2	·050	(mist) *a.* and *p.*
8	·888	·935	57·2	53·8	52·0	58·6	·375	·337	89	81	W 2	W 1	3	0	·040	(mist) *a.* and *p.* Cir. in rolls *p.*
9	·884	·775	59·8	55·0	49·0	64·8	·276	·400	54	92	SW 1	SW 1	1	3	·140	(mist) *p.* in squalls. 2*p.*
10	·047	·861	58·8	52·9	52·1	61·8	·388	·346	78	86	NW 1	SW 5	0	4	·090	(mist) *a.* and *p.* [when ● began.
11	·781	·881	60·9	56·0	52·9	62·2	·469	·365	88	81	SSW 5	SW 2	7	6	·420	Squally 9*a.* (mist) *a.* and *p.*
12	·959	·901	57·0	54·6	52·0	61·4	·346	·380	74	89	SW 2	SW 2	2	2	·330	(mist) *a.* and *p.*
13	29·894	·996	56·8	58·0	52·3	61·6	·359	·451	77	93	W 6	W 2	4	1	·330	(mist) *a.* and *p.*
14	30·004	29·953	59·2	61·0	52·9	64·2	·464	·483	93	90	W 2	W 2	2	4	·070	(mist) *a.* and *p.*
15	29·909	30·102	59·8	54·0	58·2	67·8	·469	·382	91	92	W 3	W 2	4	1	—	(mist) ● 2 *a.*
16	30·109	30·101	54·4	56·0	46·2	61·0	·356	·305	84	81	W 2	Calm 0	2	1	·110	
17	29·873	29·748	54·0	56·0	48·2	61·2	·388	·340	93	75	SE 4	NW 6	3	4	·630	(mist) *a.* and *p.* Squally.
18	·848	·901	57·5	55·3	53·0	62·2	·422	·372	89	85	NW 3	NW 1	9	10	—	(mist) *a.* and *p.*
19	·826	·745	55·4	55·0	50·0	62·8	·377	·403	86	93	NW 1	NW 2	8	10	·500	(mist) *a.* and *p.* [broad.
20	29·648	·909	55·2	50·1	52·8	57·2	·395	·308	91	85	WNW 2	WNW 5	7	10	·110	(mist) *a.* and *p.* ⌒ 5*p.*, low and
21	30·002	·894	53·3	51·1	47·2	59·6	·348	·322	85	85	W 3	SW 1	8	10	·900	(mist). Red sunset. Clouds from [N. and WSW.
22	29·548	·763	56·7	52·0	49·6	59·8	·427	·320	93	82	SW 2	NW 2	10	7	·020	(mist). ∞ all over sky *p.*
23	·826	·751	56·3	54·2	48·3	58·6	·364	·380	80	91	Calm 0	SW 3	7	9	·150	
24	·616	·460	60·8	53·0	52·8	61·0	·436	·374	82	93	SW 1	NNW 2	8	8	·120	(mist) *a.* and *p.* [NNW.
25	·493	·529	54·2	53·8	52·0	57·8	·400	·391	96	94	WNW 4	W 1	10	10	·230	(mist) *a.* and *p.* Clouds from
26	29·035	29·914	55·2	48·8	51·1	58·8	·384	·296	88	86	W 3	N 2	10	5	·040	(mist) *a.*, from N. during day.
27	30·013	30·034	53·7	53·2	43·5	59·3	·367	·366	89	91	W 4	NNW 2	8	7	·010	
28	29·967	29·640	54·8	51·5	51·7	59·3	·351	·363	82	96	W 2	S 6	10	10	·380	(mist) *a.* and *p.*
29	·634	·675	55·4	56·2	51·2	59·6	·416	·388	95	86	SW 5	SW 3	10	10	·670	(mist) ● *a.* and *p.*
30	·564	·501	55·9	53·0	51·9	60·8	·389	·358	87	89	W 3	W 1	9	10	·070	(mist) *a.* and *p.*
31	29·391	29·433	56·2	52·0	51·3	58·6	·383	·343	85	88	W 2	NNW 4	10	10	·140	(mist) *a.* and *p.*
Means	29·817	29·824	56·5	54·3	51·1	61·0	·388	·372	85·1	87·5	2·7	2·8	6·4	6·5	7·850	

DUNDEE.

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

JULY 1881.

1	29·752	29·947	59·5	56·5	54·2	68·7	·385	·344	76	75	W 2	NW 4	5	10	—	
2	30·054	·902	58·5	54·4	46·3	69·7	·346	·366	71	87	W 1	SW 6	5	10	·050	Distant T *p.*
3	29·779	29·887	60·5	60·5	53·2	67·7	·400	·491	76	93	SW 6	SW 2	10	10	·050	Dull day.
4	29·919	30·057	59·5	56·5	56·2	70·7	·473	·344	93	75	SW 2	W 1	10	10	—	
5	30·059	29·902	58·5	54·4	53·2	61·7	·371	·424	76	100	SW 1	SE 1	10	10	·450	Dull day.
6	29·652	·630	56·5	50·4	50·2	60·7	·424	·315	93	86	SE 1	W 2	10	10	·550	● *a.* and from 5*p.*
7	·735	·830	51·4	53·4	47·2	63·7	·259	·327	68	80	NW 6	NW 1	10	7	—	● *a.* Dull day.
8	·853	·910	59·5	50·4	48·2	66·7	·359	·340	71	93	W 1	SE 1	10	10	·150	
9	·929	·824	55·4	54·4	48·2	66·7	·410	·394	93	93	SW 1	SE 1	10	10	·100	
10	·909	·957	61·5	57·5	53·2	72·7	·389	·411	72	86	W 2	SW 1	5	10	—	
11	·900	·896	64·5	57·5	57·2	69·7	·437	·440	72	93	W 2	SW 1	5	10	·050	Dull day.
12	·964	29·912	64·5	59·5	55·2	68·7	·382	·413	63	81	SW 2	SW 2	7	10	—	
13	29·881	30·031	62·5	58·5	56·2	67·7	·377	·426	67	87	W 8	W 1	5	10	—	Stormy till 4*p.*
14	30·066	·032	65·5	62·5	57·2	72·7	·484	·462	78	82	W 6	W 1	7	7	—	
15	29·895	·047	63·5	56·5	56·2	72·7	·449	·320	77	70	SW 6	NW 1	10	10	—	
16	30·087	30·084	58·5	54·4	48·2	65·7	·346	·366	71	87	NW 1	E 1	10	10	—	
17	30·007	29·698	57·5	60·5	51·2	69·7	·357	·459	75	87	W 1	W 4	10	10	·150	● 11*a.*—7*p.*
18	29·796	·885	63·5	59·5	56·2	69·7	·393	·442	67	87	SW 6	SW 1	10	7	—	
19	·858	·785	58·5	56·5	51·2	68·7	·371	·344	76	75	SW 1	W 1	10	7	—	Dull day.
20	·649	·816	63·5	51·4	51·2	67·7	·342	·242	59	64	SW 2	NW 8	5	7	·050	K ● 0.30*p.*—1.30*p.*
21	·955	·912	56·5	54·4	43·3	65·7	·277	·294	61	69	NW 1	W 1	5	10	—	
22	·660	·684	50·4	53·4	50·2	65·7	·340	·304	93	74	SE 2	NW 1	10	7	·050	
23	·841	·810	56·5	52·4	48·2	65·7	·298	·366	65	93	W 1	SW 1	10	10	—	Dull day.
24	·704	·429	59·5	51·4	51·4	63·7	·442	·380	87	100	SW 1	NE 1	10	7	·050	
25	·396	·508	54·4	53·4	51·2	62·7	·366	·379	87	93	NW 2	NE 1	10	10	·050	Distant T *p.*
26	·601	·839	54·4	50·4	47·2	60·7	·340	·269	80	74	NE 1	N 2	10	10	·050	
27	·957	·983	57·5	52·4	42·3	62·7	·268	·292	57	74	W 1	NW 2	7	7	—	
28	·981	·756	56·5	49·4	47·2	63·7	·298	·353	65	100	NW 2	SE 6	5	10	·150	
29	·624	·723	60·5	55·4	49·2	67·7	·400	·355	76	81	SW 6	SW 2	10	5	—	
30	·655	·555	57·5	55·4	54·2	65·7	·383	·410	81	93	SW 2	SW 1	10	10	·100	
31	29·437	29·377	54·4	52·4	48·2	56·7	·393	·315	93	80	S 1	W 2	10	5	·150	Dull day.
Means	29·824	29·826	58·7	55·0	51·1	66·2	·373	·367	75·5	84·3	2·5	2·0	8·4	8·9	2·200	

ROTHESAY.

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

JULY 1881.

Day.	Barometer at 32° and M. S. L. 9 a.m.	9 p.m.	Air Temperature. 9 a.m.	9 p.m.	Min.	Max.	Tension of Vapour. 9 a.m.	9 p.m.	Relative Humidity. 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	29·804	30·039	55·0	52·0	50·6	61·1	·395	·353	91	91	SW	NW	—	—	·010	
2	30·093	29·918	58·9	52·5	47·1	65·1	·384	·396	78	100	SW	S	—	—	·265	
3	29·901	29·892	55·3	57·9	51·1	61·4	·411	·468	94	98	W	W	—	—	·390	
4	29·971	30·116	58·2	55·0	53·6	62·1	·479	·381	99	88	W	WSW	—	—	·043	
5	30·110	29·928	54·2	59·4	51·6	62·1	·412	·507	98	100	SE	SE	—	—	·306	Mild.
6	29·711	·742	53·0	51·0	49·6	60·1	·403	·328	100	87	W	NW	—	—	·060	
7	·864	·937	52·0	53·2	46·1	57·6	·353	·366	91	91	NW	WNW	—	—	·005	
8	·921	·932	53·5	53·0	50·1	60·1	·387	·366	95	91	SW	NW	—	—	—	
9	·933	·841	60·9	54·0	45·1	65·1	·417	·418	79	100	SSE	W	—	—	·265	Cloudy but fine.
10	·920	·965	55·3	56·5	50·6	66·6	·378	·430	86	94	W	S	—	—	·025	Cloudy *p.*
11	29·901	·932	57·4	55·0	53·6	63·4	·447	·412	95	95	SSE	SW	—	—	·060	Dull and damp.
12	30·000	29·959	60·5	58·2	49·4	65·1	·392	·374	75	77	SW	SSW	—	—	·135	
13	29·948	30·052	60·1	59·4	52·4	63·7	·397	·494	77	98	W	SW	—	—	·210	Dull and blowy.
14	30·126	·081	60·4	57·9	55·1	68·0	·509	·452	97	94	Calm	Calm	—	—	·020	
15	29·989	·131	59·4	50·5	49·1	63·1	·494	·347	98	95	SW	NW	—	—	·010	Breezy.
16	30·114	30·145	54·0	51·0	44·1	61·1	·352	·328	84	87	WSW	NW	—	—	·010	Cloudy.
17	30·001	29·798	53·0	58·1	45·3	61·6	·366	·481	91	99	S	W	—	—	1·040	● all day.
18	29·874	·907	57·7	54·2	53·6	64·1	·455	·391	95	93	W	NW	—	—	·010	Fine day.
19	·865	·807	60·2	52·8	46·1	66·4	·404	·369	77	92	SW	W	—	—	·020	
20	29·724	·942	56·6	47·5	46·1	65·4	·414	·274	90	84	SW	NW	—	—	—	
21	30·027	·929	56·3	52·2	45·1	62·1	·302	·350	67	90	NW	SSW	—	—	·340	Cloudy.
22	29·725	·784	56·6	51·0	48·1	60·1	·443	·328	97	87	SW	WNW	—	—	—	
23	·881	·823	56·9	56·9	43·6	58·0	·345	·345	75	75	W	SSW	—	—	·503	
24	·699	·474	56·9	51·0	50·1	63·1	·439	·374	95	100	SW	NW	—	—	·135	
25	·507	·544	55·5	51·0	49·1	61·6	·400	·353	91	94	NW	WNW	—	—	·173	
26	29·649	29·862	56·0	52·0	48·1	63·1	·411	·315	91	81	Calm	NNW	—	—	·370	● 2 showers.
27	30·023	30·086	54·0	51·0	41·1	61·1	·329	·328	79	87	NW	W	—	—	—	
28	30·024	29·680	56·9	56·0	48·6	61·6	·357	·449	77	100	SW	SSW	—	—	·740	
29	29·707	·763	56·3	56·9	53·1	60·1	·433	·381	95	83	SW	W	—	—	·106	Cloudy.
30	·643	·574	56·0	50·5	49·6	61·1	·422	·360	94	98	SSW	Calm	—	—	·235	Fine *p.*
31	29·439	29·490	54·0	52·0	44·6	62·6	·394	·340	94	87	Calm	NW	—	—	·005	☾
Means	29·874	29·873	56·5	53·9	48·8	62·5	·404	·383	88·5	91·5	—	—	—	—	5·491	

PINMORE.

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

JULY 1881.

1	29·817	30·052	58·5	50·8	48·2	61·1	·364	·340	75	91	W	W	—	—	—	
2	30·106	29·963	58·0	52·3	48·2	64·1	·357	·373	74	95	NW	S	—	—	·200	
3	29·910	29·923	58·5	61·1	52·3	66·0	·403	·522	83	97	W	W	—	—	·150	
4	30·000	30·136	61·1	57·0	52·0	62·1	·426	·380	80	82	W	W	—	—	—	
5	30·025	29·859	64·0	62·1	53·5	68·0	·546	·474	92	85	W	W	—	—	·570	
6	29·716	·740	53·0	48·9	47·2	62·1	·386	·313	96	91	NW	NW	—	—	·070	
7	·890	·936	51·8	52·8	48·0	59·1	·354	·366	91	91	N	W	—	—	·030	
8	·937	·933	56·1	49·8	47·2	61·1	·380	·327	84	91	NW	SW	—	—	—	
9	29·967	29·878	62·1	54·4	45·3	64·1	·401	·399	73	95	S	S	—	—	·250	
10	30·020	30·033	54·9	55·9	52·5	65·0	·366	·409	86	92	S	S	—	—	—	
11	29·026	29·940	57·0	55·9	55·0	62·1	·422	·409	91	92	S	W	—	—	·410	
12	29·934	30·006	61·1	57·5	50·1	65·0	·398	·375	75	80	W	NW	—	—	·140	
13	30·027	·074	60·6	55·2	54·5	66·0	·404	·337	77	78	W	W	—	—	—	
14	·139	·118	61·6	58·0	54·0	68·0	·465	·415	85	86	W	S	—	—	—	
15	·013	·147	62·1	51·8	50·1	66·0	·458	·354	83	91	W	W	—	—	—	
16	·149	30·156	57·0	49·3	41·4	62·1	·367	·321	79	92	N	N	—	—	·070	
17	30·004	29·836	52·8	63·0	41·4	63·1	·340	·562	85	98	W	SW	—	—	·550	
18	29·871	·940	62·1	58·5	56·0	65·0	·415	·432	75	89	S	S	—	—	—	
19	·864	·853	60·6	54·4	53·0	67·0	·448	·346	85	82	S	W	—	—	—	
20	29·752	·906	56·7	48·9	48·2	60·1	·398	·231	87	67	W	N	—	—	—	
21	30·024	·963	60·0	51·8	45·3	63·1	·347	·328	67	85	W	W	—	—	·070	
22	29·668	·726	58·0	51·8	51·0	60·1	·439	·328	91	85	SW	W	—	—	·070	
23	·861	·829	57·2	53·9	50·1	58·1	·378	·351	81	85	SW	NW	—	—	·250	
24	·728	·483	57·0	48·9	48·9	63·1	·394	·313	85	91	S	W	—	—	·730	
25	·519	·556	54·9	52·3	48·9	62·1	·379	·321	89	82	NW	N	—	—	·150	
26	29·630	29·841	54·9	49·7	49·1	62·1	·366	·292	86	83	N	N	—	—	·090	
27	30·029	30·076	57·8	52·8	45·3	61·1	·324	·380	70	95	N	N	—	—	—	
28	30·038	29·714	58·5	55·9	44·3	61·1	·377	·438	77	98	SW	SW	—	—	·360	
29	29·731	·801	57·3	57·0	54·0	62·1	·418	·394	89	85	SW	W	—	—	·090	
30	·708	·590	54·9	54·9	54·0	59·1	·393	·393	92	92	SW	W	—	—	·180	
31	29·434	29·516	54·9	51·5	47·2	60·1	·366	·347	86	92	NW	NW	—	—	·080	
Means	29·887	29·889	57·9	54·1	49·6	62·9	·396	·373	82·9	88·3	—	—	—	—	4·510	

SCALEBY.

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

JULY 1881.

Day.	Barometer at 32° and M. S. L. 9 a.m.	9 p.m.	Air Temperature. 9 a.m.	9 p.m.	Min.	Max.	Tension of Vapour. 9 a.m.	9 p.m.	Relative Humidity. 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	29·816	30·003	58·3	55·6	53·5	63·2	·462	·421	95	95	SW 5	W 2	10	5	·010	
2	30·064	30·014	58·3	53·8	45·0	64·0	·453	·397	93	95	W 2	W 1	9	10	—	
3	29·922	29·887	56·0	65·5	51·0	65·7	·439	·609	98	97	SW 5	W 8	10	10	—	
4	29·980	30·125	61·8	59·8	58·5	66·0	·541	·477	98	93	SW 6	W 2	10	10	·020	
5	30·085	29·854	60·6	62·8	57·0	75·8	·498	·550	94	96	W 1	Calm 0	10	8	·750	● ☇
6	29·662	·708	58·3	51·8	51·0	63·5	·469	·305	96	79	SW 3	SW 4	10	10	·060	
7	·861	·905	52·3	53·8	48·0	61·0	·336	·356	85	85	SW 3	W 1	10	10	·030	
8	·893	·916	59·6	54·8	50·0	60·2	·393	·382	77	89	SW 2	Calm 0	10	10	·020	
9	·932	29·838	60·6	53·8	50·0	65·0	·366	·412	70	99	SW 1	Calm 0	4	10	·180	
10	29·989	30·044	57·8	57·3	50·0	66·0	·378	·393	79	84	W 5	Calm 0	10	10	—	
11	30·016	29·975	62·3	61·8	55·0	66·5	·433	·407	78	74	W 3	SW 1	9	10	—	
12	29·993	30·029	62·3	56·8	56·0	68·0	·415	·371	75	80	W 3	W 2	5	10	·010	
13	30·030	·110	61·8	64·8	56·0	66·8	·449	·485	82	80	SW 6	SW 6	10	10	—	
14	·175	·140	63·3	57·8	55·3	71·2	·470	·393	82	82	W 6	SW 2	10	0	—	
15	·034	·076	64·8	56·3	50·0	66·8	·441	·377	73	83	SW 2	W 1	10	10	—	
16	·157	30·104	57·6	52·8	47·0	64·3	·339	·330	72	82	Calm 0	Calm 0	5	1	—	
17	30·016	29·857	57·3	63·8	45·3	64·2	·365	·483	78	82	S 1	S 4	10	10	·190	
18	29·876	·914	62·3	58·6	58·0	69·2	·516	·439	92	89	SW 4	Calm 0	10	0	·130	
19	·868	·829	58·8	54·6	54·0	66·0	·461	·360	93	84	S 2	SW 1	10	3	·020	
20	29·751	·892	60·0	49·8	48·2	63·8	·415	·261	80	73	W 5	W 5	6	0	·070	
21	30·027	·039	55·8	53·2	41·0	64·8	·309	·313	70	77	NW 1	Calm 0	8	10	·030	
22	29·697	·744	54·8	53·3	50·0	63·4	·382	·317	89	78	S 6	SW 3	10	3	·010	
23	·875	·841	57·6	54·8	46·5	60·0	·339	·370	72	86	W 2	Calm 0	4	10	·020	
24	·727	·446	60·6	48·8	48·8	64·0	·421	·343	80	99	W 1	W 5	10	10	·410	
25	·469	·580	58·0	54·8	48·2	63·0	·412	·379	85	89	W 4	Calm 0	8	10	·190	
26	·563	29·834	57·6	51·0	51·0	64·0	·364	·366	77	98	Calm 0	Calm 0	7	10	·720	● 2 (·630 inch *sp.*—6.30*p.*)
27	29·992	30·090	54·8	51·8	47·0	63·0	·302	·323	71	83	W 1	NW 3	3	1	—	
28	30·055	29·762	57·0	52·3	47·2	62·0	·344	·384	74	98	SW 2	SW 6	7	10	·120	
29	29·731	·831	59·8	57·3	51·5	62·0	·446	·393	87	84	W 5	SW 3	10	7	—	
30	·715	·612	56·8	56·8	55·2	60·5	·400	·409	86	88	SW 1	SW 1	10	10	·300	
31	29·393	29·450	56·0	49·8	49·2	56·8	·424	·329	94	92	NW 1	W 2	10	0	·510	
Means	29·883	29·883	58·8	55·8	50·8	64·5	·412	·391	83·1	86·9	2·8	2·0	8·5	7·4	3·800	

SCARBOROUGH.

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

JULY 1881.

1	29·917	29·984	60·6	60·8	56·0	67·3	·396	·382	76	73	SW 2	WSW 1	9	2	—	
2	30·110	30·055	56·6	58·6	53·5	63·8	·316	·342	69	70	N 4	SW 1	7	10	—	
3	29·952	29·969	64·4	66·8	56·5	69·3	·410	·541	68	83	WSW 3	WSW 4	7	10	—	
4	30·045	30·127	72·6	65·6	64·5	79·3	·516	·512	64	82	WSW 5	WSW 1	5	3	—	
5	30·112	29·891	71·9	63·6	60·6	75·1	·560	·492	71	84	W 2	SSE 1	7	5	1·290	[at 11.50*p.* followed at Midt. by ● 2 ☇
6	29·672	·691	61·4	54·6	54·6	65·3	·505	·324	94	76	SSE 1	W 4	10	10	·700	After much ≺ and distant T ⁄ rose ● ☇ before 9*a.* T *p.*
7	·854	·881	55·6	57·4	48·6	61·8	·286	·366	65	78	W 4	W 3	10	10	—	
8	·911	·905	57·9	55·6	54·3	60·3	·382	·404	80	91	WSW 2	NE 1	10	10	·280	● T *p.*
9	·954	29·900	59·1	56·2	53·0	62·3	·373	·384	75	85	NNE 2	WSW 2	3	10	—	
10	29·959	30·095	64·1	60·6	54·5	71·3	·358	·353	60	67	W 4	WSW 2	7	10	—	
11	30·059	·008	65·6	68·6	56·7	77·4	·388	·454	62	64	WSW 4	SW 1	4	1	—	
12	·031	·063	66·6	60·8	57·4	72·8	·415	·353	64	67	WSW 1	WSW 2	8	3	—	
13	·061	·163	65·6	64·6	55·6	72·7	·421	·437	67	73	WSW 3	WSW 2	8	1	—	
14	·195	·142	70·4	69·6	61·2	80·6	·492	·431	66	59	SW 3	SW 1	1	1	—	
15	·053	·052	71·6	60·0	60·0	80·3	·412	·437	53	85	WSW 3	SE 1	1	2	—	
16	·079	30·104	60·6	55·6	55·6	64·5	·355	·356	68	80	N 2	N 1	3	3	—	
17	30·092	29·888	62·6	66·2	52·5	70·3	·348	·415	62	65	WSW 1	WSW 4	10	7	—	
18	29·908	·915	70·8	67·4	60·5	78·5	·501	·512	67	77	WSW 2	WSW 1	6	8	—	
19	·883	·829	60·9	62·7	58·5	67·8	·473	·431	90	77	N 1	W 1	10	9	—	
20	29·786	29·840	64·6	56·8	54·3	68·8	·369	·333	61	72	WSW 2	WNW 1	1	1	·060	
21	30·020	30·008	58·6	51·6	47·3	59·6	·276	·298	56	78	N 2	SSE 3	7	7	·020	
22	29·837	29·741	59·4	58·6	51·5	64·5	·323	·421	63	86	SW 2	SW 1	9	3	—	
23	·881	·858	61·9	57·1	50·5	62·3	·339	·404	61	86	NW 2	SE 1	7	10	·030	
24	·811	·564	63·6	49·9	49·9	68·3	·401	·321	68	90	SW 2	WSW 2	5	3	·410	⁄ 2 7.30*p.*–8*p.* with black clouds from
25	·445	·515	58·6	55·8	48·7	65·8	·355	·373	72	84	W 4	W 3	8	7	·020	[west. ● 7.45*p.*–8.15*p.* ≺. Dust
26	·548	29·781	59·2	51·6	51·6	61·2	·357	·323	71	84	NNW 4	NNW 2	4	7	—	[hay, and branches blown about. Tree
27	29·954	30·038	55·6	55·6	49·5	57·8	·271	·303	61	69	N 5	W 2	5	1	—	[8 inches in diameter broken off in the
28	30·092	29·888	60·6	54·6	47·5	66·3	·345	·362	66	85	WSW 2	SW 3	7	10	·300	[town. Some damage to vessels off
29	29·785	·880	60·6	56·6	53·0	68·1	·430	·391	82	85	WSW 4	WSW 1	10	1	—	[the coast.
30	·799	·660	59·6	60·6	53·5	68·5	·364	·396	71	76	W 2	W 1	3	9	·010	
31	29·490	29·399	59·4	55·6	55·5	67·3	·439	·351	88	79	S 4	NW 2	10	1	·170	
Means	29·913	29·898	62·6	59·3	54·4	68·6	·393	·394	69·1	77·7	2·7	1·8	6·5	5·6	3·290	

Observer remarks: Mean sea temperature 53°·9.

DOUGLAS, ISLE OF MAN.

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

JULY 1881.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	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	29·864	30·028	57·0	54·3	52·5	63·0	·399	·390	86	92	SW 4	NNW 4	10	8	—	Squally early *a*.
2	30·138	30·017	56·5	53·0	46·4	59·7	·338	·366	73	91	WNW 2	SSW 1	8	10	·037	● after 5*p*. ↗ (force 5) at night.
3	29·965	29·999	58·4	58·7	53·0	62·1	·439	·438	90	88	WSW 4	SSW 3	9	9	·015	
4	30·071	30·148	58·4	57·0	57·0	65·0	·461	·437	95	94	WSW 3	SSW 1	10	10	·015	[T at night.
5	30·098	29·876	57·5	59·5	54·9	65·4	·458	·486	96	96	SW 2	Calm 0	10	7	·670	≋ ●⁰ *a*. K 4*p*.—5.30*p*. ●².
6	29·720	·877	53·0	50·2	50·2	61·8	·380	·286	94	80	NW 5	WNW 6-7	10	7	·060	Squally *p*.
7	·942	·953	53·8	54·8	48·9	60·7	·375	·384	90	89	W 6	WSW 2	10	10	·015	
8	·923	·936	55·2	48·8	48·8	60·3	·381	·321	88	93	SW 2	NW 1	10	0	·145	
9	29·968	29·898	54·0	54·2	43·2	58·7	·406	·385	97	92	SSE 1	WNW 4	10	4	·150	≋ 9*a*.
10	30·056	30·074	59·7	54·8	52·4	60·7	·372	·384	72	89	W 4	SW 3-4	6	10	·027	● 6*p*. ↗ (force 6) at night.
11	·021	29·989	56·3	56·2	54·1	61·0	·412	·422	90	93	SSW 4	SSW 5	10	10	·001	Squalls *a*. and *p*.
12	·037	30·055	60·5	56·0	53·4	65·3	·395	·397	75	88	WSW 2	WSW 3	2	10	—	
13	·069	·162	61·8	57·9	55·2	65·6	·472	·461	85	96	SW 5	SW 2	6	10	—	
14	·243	·143	54·2	56·0	53·9	60·8	·416	·425	99	94	SSW 3	SW 2	10	9	—	≋ *a*.
15	·069	·114	60·0	54·9	53·7	64·9	·444	·372	86	87	SW 3	NNW 3	7	10	—	
16	·146	30·149	61·4	51·0	50·3	63·8	·354	·328	65	87	N 2	Calm 0	7	10	·015	
17	30·071	29·905	54·5	56·8	50·4	60·2	·362	·443	85	95	SE 2	SW 5	10	10	·150	
18	29·914	·935	62·0	59·7	56·0	67·4	·520	·480	94	94	WSW 2	Calm 0	9	10	·190	≋⁰ (mist) 9*p*.
19	·894	·865	58·5	53·3	53·3	64·6	·406	·357	82	88	W 1	Calm 0	8	2	—	●² *a*.
20	29·812	·963	58·0	50·6	49·1	62·8	·355	·305	74	83	W 3	NW 4	6	1	·080	
21	30·046	·957	58·0	52·0	47·7	61·9	·342	·335	71	86	NW 2	SSW 1	4	10	·080	
22	29·716	·832	55·7	52·1	50·2	64·6	·435	·309	98	79	SSW 5	NW 3	10	1	·008	≋ ● *a*.
23	·907	·862	56·3	54·8	42·4	56·3	·387	·416	85	96	S 1	Calm 0	10	10	·023	≋⁰ (mist) 9*p*.
24	·758	·541	57·7	52·0	50·2	59·8	·409	·323	85	83	W 3	W 5-6	10	7	·265	
25	·577	·582	57·0	50·1	50·1	60·7	·367	·341	79	94	WNW 6	Calm 0	6	2	·015	Squally *a*. ⌓ *p*.
26	29·582	29·841	56·0	51·5	47·0	61·0	·391	·326	87	86	WNW 2	NW 4	7	3	—	
27	30·037	30·163	57·0	48·5	48·3	61·2	·327	·303	70	89	NW 5	Calm 0	4	1	—	⌓² 9*p*.
28	30·067	29·772	56·5	56·2	41·1	58·9	·374	·446	82	99	SW 3	SW 4	8	10	·600	●² from 2*p*. ≋⁰ (mist) *p*.
29	29·812	·861	58·7	56·1	55·2	63·4	·426	·442	86	98	WSW 6	WSW 2	10	10	—	Squally *a*.
30	·734	·608	54·9	55·0	53·6	59·6	·404	·421	94	97	SSW 3	SW 3	10	10	·330	● 10*a*. and after 5.30*p*.
31	29·359	29·550	54·7	52·0	51·2	59·1	·403	·351	95	90	NNE 3	WNW 1	10	6	·002	
Means	29·923	29·924	57·2	54·1	50·8	61·9	·400	·383	85·4	90·5	3·2	2·4	8·3	7·3	2·893	

WAKEFIELD.

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

JULY 1881.

1	29·936	30·024	62·0	56·4	56·2	68·0	·425	·394	77	87	SSW 2	NW 2	10	2	—	Fine from 10*a*.
2	30·121	·063	62·0	60·2	48·5	70·8	·370	·419	67	80	W 2	W 2	6	10	—	
3	29·998	·024	60·2	67·0	57·2	70·8	·434	·578	84	87	WSW 4	WSW 6	10	4	—	Dull to 6*p*., then fine.
4	30·085	30·161	73·8	67·0	58·2	82·6	·592	·578	71	87	WSW 5	WNW 4	1	10	—	Day fine. Dull after 8*p*.
5	30·114	29·849	72·2	72·0	63·2	86·8	·605	·680	77	87	SW 1	NNW 2	7	10	·620	Distant T⁰ 8.30*p*. K² 10.30*p*. < [most vivid and beautiful, sky one continual blaze of light.
6	29·672	·805	66·0	52·2	52·2	72·8	·594	·364	93	93	SSW 2	W 8	10	10	·230	K² till 1*a*.
7	·924	29·987	56·1	56·2	48·3	60·0	·356	·391	79	87	W 6	W 4	7	3	—	Fine after 1*p*.
8	·948	30·037	59·0	55·8	54·3	63·0	·378	·369	76	83	WSW 3	W 2	10	8	—	
9	29·968	29·906	60·6	56·6	49·7	68·8	·385	·424	74	92	W 2	W 2	3	10	·140	Dull from 11*a*.
10	30·039	30·130	59·4	61·2	54·2	68·2	·384	·418	76	78	W 2	SW 2	5	7	—	Fine day.
11	·115	·027	66·0	67·0	56·2	79·8	·393	·560	62	85	W 3	SW 3	6	3	—	Fine and bright.
12	·019	·088	65·8	60·3	57·1	72·2	·446	·418	71	80	WSW 2	SW 2	4	5	—	Fine day.
13	·130	·209	62·1	65·8	55·5	72·8	·480	·526	86	83	SW 5	WSW 3	10	0	—	
14	·238	·162	69·0	73·0	61·6	83·8	·548	·588	77	72	SW 2	SSW 2	2	3	—	Fine day.
15	·078	·073	70·0	63·0	56·5	78·5	·526	·533	71	93	W 4	NNW 4	0	0	—	Fine and bright.
16	·088	30·113	65·8	58·6	55·2	72·2	·492	·416	78	85	WNW 1	W 3	10	4	—	Fine after 10*a*.
17	30·118	29·930	62·0	68·8	51·4	74·6	·396	·550	72	78	SSW 1	WSW 4	10	6	—	Fine from 2*p*.
18	29·928	·957	69·0	66·0	61·2	74·8	·611	·594	86	93	W 2	WSW 3	7	10	—	Fine day.
19	·873	·853	65·8	60·6	60·2	68·3	·590	·416	93	79	W 4	W 4	10	5	—	
20	29·800	·895	62·8	55·2	50·7	67·2	·418	·399	73	91	W 4	SW 3	3	0	—	Fine and bright.
21	30·039	·090	57·2	57·8	40·5	66·8	·315	·404	67	84	N 2	SE 3	1	4	—	Fine and bright.
22	29·902	·793	61·4	60·2	53·2	61·8	·425	·465	79	90	SW 5	WNW 4	6	5	·030	
23	·917	·859	59·5	57·4	48·5	65·6	·399	·464	79	98	W 2	W 2	4	10	·040	
24	·808	·564	69·0	52·2	50·1	70·0	·453	·558	68	92	WNW 2	WNW 3	10	1	·190	K ●² 6*p*.—7.30*p*.
25	·557	·544	57·8	55·2	48·4	63·8	·416	·406	86	93	W 5	WNW 4	5	6	·050	
26	29·586	29·813	54·2	53·0	49·7	61·4	·412	·382	98	95	WNW 2	NNW 2	10	10	·300	Dull day.
27	30·013	30·100	51·2	51·2	49·1	63·8	·345	·345	92	92	N 2	NW 5	10	0	·010	Fine from 11*a*.
28	30·121	29·894	60·8	55·3	48·5	65·9	·412	·430	78	98	SSW 4	SSW 4	4	10	·080	Fine and bright.
29	29·846	·931	59·5	58·4	55·2	65·1	·500	·457	98	94	WSW 2	W 4	10	10	—	
30	·806	·657	60·2	60·2	48·2	69·7	·419	·479	80	92	SW 3	SSW 2	8	9	·040	Close day.
31	29·440	29·509	59·0	58·2	53·4	67·8	·491	·404	98	83	ESE 4	WSW 4	10	1	·680	●⁰ 9*a*. K 1.15*p*. Fine from 4*p*.
Means	29·943	29·934	62·5	60·1	53·3	70·2	·452	·458	79·5	87·5	2·9	3·3	6·7	5·7	2·410	

LLANDUDNO.

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

JULY 1881.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	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	29·901	30·053	59·0	56·8	53·0	63·7	·401	·409	81	88	W 1	W 1	10	3	—	
2	30·164	·053	57·4	56·0	52·8	60·7	·344	·364	73	81	SW 1	SW 1	10	10	—	Very fine *a*. Dull *p*.
3	·018	·076	66·0	63·0	55·6	71·3	·464	·472	73	82	W 3	W 6	3	4	—	Dull day. Warm wind. Squally *p*.
4	·104	30·172	66·6	63·9	62·6	74·8	·498	·491	77	83	W 4	W 1	0	0	—	Very fine. Warm wind. Squally *a*.
5	30·100	29·824	71·0	65·3	60·5	72·7	·546	·568	71	91	S 1	S 0·6	0	9	1·800	Very fine till 3*p*. then a short K². [K² 6.30*p*.—7.30*p*., three houses struck. < *n*.
6	29·766	29·943	53·2	53·4	52·3	65·9	·382	·318	95	78	NW 1	W 4	10	8	·028	Dull day. Squally *p*.
7	30·029	30·003	54·6	55·8	50·3	60·4	·365	·384	85	86	W 2	W 2	10	10	·010	●⁰ till 11*a*.
8	29·953	29·964	55·3	52·5	52·5	59·2	·371	·355	85	90	W 0·6	N 1	10	0	—	
9	29·980	29·963	62·1	56·4	47·6	65·0	·409	·413	74	91	W 1	W 2	1	10	·027	
10	30·112	30·101	63·4	59·0	56·4	63·6	·397	·396	68	80	SW 1	W 2	2	10	—	Fine but windy.
11	·061	·037	65·0	59·8	57·2	70·0	·397	·393	64	76	S 2	SW 2	1	0	—	Fine but windy.
12	·062	·111	62·0	58·7	57·5	67·4	·469	·370	84	76	W 1	W 2	9	1	—	≋⁰ (mist) *a*. Very fine day.
13	·159	·217	64·7	64·8	57·6	71·5	·480	·494	79	82	W 2	W 3	2	3	—	Very fine day. Squally *p*.
14	·254	·191	67·5	59·7	57·3	73·0	·469	·421	70	83	SW 1	W 1	0	0	—	Very fine day.
15	·116	·107	66·5	59·0	56·5	71·9	·473	·467	73	94	W 4	W 1	3	10	—	Very fine day.
16	·153	30·162	58·0	54·0	53·5	64·0	·364	·331	76	79	N 1	N 1	10	0	—	Very fine day.
17	30·105	29·954	60·1	62·0	50·7	70·6	·356	·456	69	82	WNW 0·6	W 1	10	0	—	Very fine day.
18	29·959	·960	63·5	61·0	59·2	66·5	·507	·470	87	88	WNW 1	W 1	10	10	·485	Dull. ● showers.
19	·927	·888	57·0	55·4	55·0	64·0	·434	·373	93	86	WNW 0·6	N 1	10	0	·010	Very fine day.
20	29·857	·993	61·0	54·5	53·8	66·4	·401	·356	76	84	W 2	N 1	7	8	—	Very fine day.
21	30·084	·983	57·3	54·5	50·0	60·0	·339	·315	72	74	N 1	N 0·6	6	10	—	Dull and cold.
22	29·761	·867	61·0	57·5	52·0	65·0	·430	·309	81	84	W 3	W 1	10	3	—	Squally 9*a*.
23	·928	·872	57·2	57·7	54·2	59·5	·362	·456	77	95	W 1	W 1	10	8	·150	Dull day.
24	·818	·652	58·7	54·4	52·8	64·0	·431	·331	88	78	W 1	W 4	10	2	·063	↗² ("a hurricane"), ● 4*p*.
25	·634	·621	57·8	56·0	52·0	61·6	·369	·367	77	82	W 2	W 1	8	8	—	Fine but windy.
26	29·623	29·847	59·5	56·2	56·0	61·5	·388	·375	77	84	WNW 1	N 1	8	10	·020	
27	30·029	30·157	55·0	54·0	51·3	61·0	·325	·356	75	85	N 3	W 1	9	0	—	Very fine day.
28	30·113	29·821	59·0	61·3	49·5	62·0	·331	·461	66	85	SW 1	W 5	10	10	·040	Squally *p*.
29	29·857	·892	60·5	56·6	56·4	64·0	·431	·378	83	82	W 2	W 1	10	0	—	
30	·774	·659	60·0	58·5	54·5	63·3	·382	·400	74	82	SW 1	W 2	7	10	·594	
31	29·259	29·591	58·0	54·2	54·0	62·2	·472	·358	98	85	SE 0·6	W 1	10	0	·180	
Means	29·957	29·959	60·6	57·8	54·3	65·4	·412	·403	78·1	83·7	1·5	1·7	7·0	5·1	3·407	

BUXTON.

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

JULY 1881.

1	29·975	30·087	56·4	51·9	51·1	64·6	·410	·346	90	90	W 2	NW 1	9	2	—	
2	30·167	·183	57·2	55·4	47·4	65·3	·312	·367	66	84	NW 3	Calm 0	5	10	—	
3	·084	·136	60·0	61·8	52·1	68·7	·418	·500	81	91	WNW 3	NW 4	8	6	—	
4	·154	30·212	68·6	64·5	57·9	76·7	·526	·518	75	86	W 4	NW 4	3	4	—	Very hot *p*.
5	30·134	29·926	73·9	67·9	58·4	82·6	·548	·598	65	88	W 2	SW 1	4	8	·095	Very warm. ● K. < later.
6	29·767	·890	52·9	47·4	45·0	67·9	·386	·307	97	94	NW 3	NW 3	10	10	·570	≋ K before 9*a*. ↗ *a*. and *p*. ●²
7	30·013	·959	50·3	54·5	45·2	57·2	·292	·356	80	84	NW 3	W 3	8	10	·050	
8	29·959	·997	56·6	50·6	45·9	62·1	·346	·331	75	90	NW 2	NW 2	7	6	·240	
9	30·033	29·981	55·3	53·4	44·9	65·1	·330	·394	76	96	NW 2	WNW 1	7	8	·170	
10	·120	30·192	53·4	55·5	49·9	63·9	·353	·342	86	78	NW 3	W 3	9	7	—	
11	·176	·138	60·2	60·2	51·9	74·4	·364	·459	70	89	SW 2	SW 1	6	1	—	Mackerel sky *p*.
12	·087	·167	58·8	54·7	51·4	68·5	·399	·375	81	88	NW 2	NW 1	8	4	—	Mackerel sky *p*.
13	·181	·279	58·0	59·0	50·9	70·6	·421	·454	87	92	NW 5	NW 2	10	2	—	
14	·270	·219	66·5	64·3	57·1	78·9	·548	·467	85	78	WSW 3	SW 1	2	3	—	
15	·138	·136	68·4	64·0	57·9	77·2	·377	·424	54	71	NW 1	NW 1	2	3	—	Fine and warm.
16	·152	30·196	61·7	51·4	50·1	66·5	·424	·298	78	79	NW 1	NW 3	9	5	—	Very warm and close.
17	30·148	29·997	62·6	62·5	49·9	71·7	·342	·428	60	77	NW 2	W 4	5	3	—	Very warm and close.
18	29·987	·995	67·9	62·3	51·9	72·9	·535	·509	79	91	NW 2	NW 2	6	7	—	Very warm and close.
19	·930	·920	62·8	55·6	54·6	65·2	·491	·353	86	79	W 2	SW 2	9	7	·030	Dull and close.
20	29·863	29·991	59·8	50·4	48·1	62·1	·344	·307	67	85	NW 3	NW 3	7	2	—	
21	30·055	30·045	55·6	50·9	43·1	65·3	·321	·331	73	89	NW 2	NW 1	4	6	—	Fine and warm.
22	29·887	29·856	52·3	56·4	47·8	60·9	·370	·393	95	87	SW 3	NW 3	10	7	·040	
23	·962	·918	57·1	55·4	46·9	61·8	·340	·415	73	95	NW 3	NW 2	8	10	·050	
24	·868	·796	60·3	48·2	46·5	64·2	·415	·281	80	84	SW 3	NW 3	10	8	·450	⌒ K ▲ *p*.
25	·632	·680	53·6	51·9	46·9	58·9	·338	·327	81	85	NW 4	NW 1	8	9	—	
26	29·634	29·828	52·6	49·6	47·4	59·4	·361	·338	91	95	NW 2	Calm 0	8	10	·370	
27	30·007	30·184	55·1	47·4	44·9	58·0	·333	·284	77	87	NE 1	NW 1	9	0	—	
28	30·137	29·976	61·0	52·4	42·1	62·3	·331	·345	62	88	W 2	SW 4	7	10	·230	
29	29·890	·967	55·9	54·7	51·6	64·3	·419	·338	94	79	NW 4	NW 2	10	8	—	
30	·855	·652	56·1	54·9	42·0	64·4	·346	·407	77	95	W 4	W 3	9	10	·290	
31	29·399	29·593	56·1	49·0	48·0	65·1	·428	·315	95	91	SW 3	NW 2	10	3	1·020	K² ●², most felt on N. side of the [town, much damage by the floods.
Means	29·989	30·000	58·9	55·4	49·4	66·7	·393	·384	78·6	86·6	2·6	2·1	7·3	6·1	3·605	

HILLINGTON, NORFOLK.

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

JULY 1881.

Day.	Barometer at 32° and M.S.L. 9 a.m.	Barometer 9 p.m.	Air Temperature. 9 a.m.	Air Temp. 9 p.m.	Min.	Max.	Tension of Vapour. 9 a.m.	Tension 9 p.m.	Relative Humidity. 9 a.m.	Humidity 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	29·993	29·995	67·0	60·8	54·2	79·1	·391	·439	59	83	SW 4	SW 0·5	10	10	—	Hot day. ∞. Much cirrus 7p.
2	30·100	30·095	67·5	58·6	53·1	74·6	·406	·407	60	83	NNW 2	W 0·5	5	10	—	Very fine till 6p.
3	·077	·106	63·2	66·6	56·1	78·0	·373	·541	64	83	WSW 3	SW 1	10	10	—	
4	·153	30·169	69·9	70·0	60·3	86·2	·496	·603	67	82	SW 5	W 0·5	6	3	—	Cloudless p.
5	30·133	29·913	78·4	68·1	58·1	89·3	·594	·580	60	85	SW 1	SE 1	2	3	·100	Hot day. ∞. Very distant < 11p.
6	29·639	29·843	74·4	54·1	54·0	77·3	·617	·328	72	78	SW 0·5	NW 6	10	4	880	Distant ⟍ 7a. ⟍ (near) ● 2 10a., [and 1p.—3.30p.
7	·988	30·001	55·2	56·1	48·1	60·3	·293	·357	68	79	W 5	SW 4	10	10	·001	
8	·972	29·922	58·8	55·0	50·9	64·3	·385	·394	78	91	SW 2	SW 0·5	10	10	—	Overcast nearly all day.
9	29·976	29·947	61·8	58·0	46·7	68·5	·369	·441	67	91	SW 3	SW 0·5	3	10	·111	◠ a. Very fine day. ● 2 7.20p.
10	30·027	30·158	59·7	59·0	53·0	70·4	·365	·436	72	88	NW 5	NW 0·5	5	6	·001	Fine and sunny. Much cir. ◠ 2 p.
11	·178	·102	69·7	57·9	54·2	79·3	·399	·391	54	82	SW 4	SW 0·5	8	2	—	Fine and hot. Cirrus 4p. ◠ a. and p.
12	·043	·092	77·8	61·5	50·1	79·1	·507	·483	54	89	SW 2	NW 0·5	6	10	·042	◠ a. and p.
13	·163	·231	62·8	64·5	50·2	76·5	·404	·507	71	84	SW 3	W 1	10	10	—	◠ a. ◠ 2 p. Wind NW. p.
14	·289	·202	68·6	66·0	54·1	83·6	·539	·578	77	90	SW 2	SE 0·5	8	0	—	Hot day. ◠ a. and p.
15	·103	·037	78·4	66·4	62·9	89·5	·556	·418	57	64	S 1	ENE 3	6	8	—	◠ a. Very hot. Cirrus p.
16	·079	30·098	71·7	56·5	56·5	77·1	·503	·375	64	82	NE 1	NE 1	7	10	—	Distant T ◠ a. Hot day.
17	30·110	29·984	69·3	64·8	49·2	78·5	·369	·416	51	68	NW 1	SW 1	5	8	—	Very fine and hot.
18	29·968	·926	72·0	70·4	58·3	84·9	·441	·596	56	80	SW 2	Calm 0	1	10	—	Very fine. Cloudless 10p.
19	·888	·862	74·8	63·7	62·1	85·6	·568	·514	66	88	W 1	S 1	4	10	·078	Hot day.
20	·818	29·925	58·3	57·9	54·2	72·5	·406	·365	84	76	S 1	SW 1	9	0	—	
21	·999	30·092	61·7	51·2	49·3	69·6	·344	·305	63	81	NW 2	N 1	6	8	—	Very fine and sunny.
22	·908	29·815	57·3	59·3	51·2	66·4	·378	·491	81	97	S 2	W 2	7	10	·057	
23	·908	·865	62·7	60·8	51·2	67·9	·352	·494	62	93	W 2	W 1	2	10	·060	
24	·864	·674	64·8	60·8	52·6	70·7	·444	·357	73	68	SW 1	SW 3	9	9	·002	Distant T 4.30p.
25	·605	·570	59·1	55·8	48·1	63·5	·309	·352	62	79	W 5	W 1	9	10	—	
26	·530	29·775	57·9	53·0	48·0	61·3	·385	·356	81	88	NW 2	N 1	10	8	·138	Distant T 2p.
27	29·963	30·101	56·1	49·2	45·9	62·4	·312	·339	70	97	NE 0·5	NW 1	8	6	·002	≋ 0 (mist) on lowlands p. ◠ 2
28	30·177	30·014	62·5	57·7	38·8	69·3	·335	·293	60	61	NW 2	SW 1	3	9	·248	
29	29·906	29·959	64·2	60·7	53·1	69·1	·436	·434	73	83	W 4	SW 1	8	10	·008	Fine from 6a.
30	·867	·724	60·8	59·0	51·9	67·1	·469	·477	88	96	SW 1	SW 2	10	10	·237	
31	29·582	29·521	59·0	56·3	55·2	71·5	·461	·377	93	83	SW 4	WSW 3	10	0	·160	◠ p.
Means	29·968	29·959	65·3	60·0	52·6	74·0	·426	·434	68·0	83·0	2·4	1·3	7·0	7·5	2·125	

UPPINGHAM.

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

JULY 1881.

1	29·964	29·998	65·6	60·0	52·8	71·4	·526	·406	84	78	SW 2	WbyN 2	9	8	—	
2	30·105	30·103	67·0	60·7	51·7	74·1	·450	·446	68	85	swb.N 3	Calm 0	4	10	—	Hot day. ∞
3	·075	·118	64·1	66·1	55·3	74·2	·457	·553	77	86	swb.W 5	WbyS 3	9	9	—	⸝ a., Sultry. Wind rising again p.
4	·164	30·177	70·1	69·6	60·0	84·7	·550	·574	75	79	SW 4	WSW 1	2	0	—	⸝ a. Cloudy a. Scorching sun later.
5	30·131	29·895	75·1	73·6	60·4	88·6	·581	·658	67	80	SSW 1	S by E 2	0	4	·200	∞ 9a. Day intensely hot, Cir. inter- [lacing 9p. < 10p.
6	29·659	29·888	66·0	52·1	52·1	74·0	·594	·324	93	83	WNW 1	WbyN 6	10	10	1·160	⟍ ● 2a. and 5a.—7a. T in SE. 8a.— [up. Curious clouds 9a. [● 2 (1·160 in. 9a.—1.20p.)
7	30·010	30·027	56·8	55·1	46·1	58·9	·319	·377	69	87	WbyN 3	N 2	9	9	—	Cold and gloomy day.
8	29·975	29·944	55·2	52·1	49·6	63·4	·376	·371	87	95	SW 1	Calm 0	10	10	—	
9	29·982	29·960	60·4	58·1	49·0	67·6	·410	·409	78	84	WNW 1	SWb.S 2	3	10	·011	Gloomy p.
10	30·059	30·173	59·2	57·9	52·0	71·1	·405	·403	81	84	WbyN 4	swb.W 1	8	3	—	
11	·162	·121	65·0	63·1	54·8	76·4	·453	·464	74	80	SW 4	SW 2	9	0	—	Cloudless p. [∞ 2 9p.
12	·047	·118	63·3	62·0	54·9	76·6	·476	·427	81	77	Calm 0	WbyN 1	10	5	—	Distant T 0 8a. Day warm and sunny.
13	·169	·277	64·9	63·1	51·0	75·3	·502	·486	82	83	W 4	W 3	8	1	—	⸝ early a. Cloudless p.
14	·282	·204	68·2	69·2	59·0	82·4	·563	·539	82	76	WSW 3	WSW 1	5	0	—	Day hot and cloudless.
15	·113	·044	75·5	68·9	62·0	87·5	·529	·487	59	68	W by S 2	NE 2	2	7	—	Day bright and hot. Stormy clouds 6p.
16	·090	·105	68·2	61·5	57·3	77·2	·538	·430	78	79	Calm 0	N 2	8	9	—	Hot and close a. ∞ 0 p.
17	30·108	30·000	66·0	66·1	48·9	77·6	·396	·479	62	75	SSW 1	SWb.S 1	1	1	—	Hot and sultry a.
18	29·957	29·951	71·0	68·5	57·8	84·1	·464	·557	61	80	WSW 3	WbyN 1	5	3	·031	
19	·896	·851	73·1	65·0	61·5	83·7	·609	·510	75	83	WSW 1	NW 1	6	10	·159	Hot and cloudy a. and p. Colder later.
20	29·831	29·930	62·8	55·3	52·7	68·7	·437	·351	77	80	NW 2	nwb.N 2	7	0	—	Much colder.
21	30·014	30·014	57·4	55·3	45·9	71·6	·288	·356	61	81	N 2	SE 1	3	9	—	Quite cold late p.
22	29·910	29·838	55·7	58·2	50·9	61·9	·346	·448	78	92	SW 4	W 1	10	8	·078	Cloudy and dull.
23	·937	·879	62·1	58·6	48·3	65·9	·401	·461	72	94	W 2	W 2	8	10	·021	Very gloomy 6p.
24	·851	·693	64·7	54·1	53·0	68·0	·457	·291	75	70	swb.W 2	nwb.W 6	10	1	—	Rough ⸝ p. and at night.
25	·620	·596	56·1	53·9	47·0	65·0	·328	·316	72	76	WbyN 6	W 1	9	10	—	Rough ⸝ mid-day.
26	·545	29·793	60·1	51·6	49·6	62·3	·343	·361	66	95	NW 1	WNW 1	7	9	·048	T 0 (?) 10.30a.
27	29·970	30·123	52·7	50·7	49·0	62·1	·331	·302	83	82	NNW 1	WbyN 1	10	0	·020	
28	30·171	30·001	60·3	56·7	42·6	66·0	·336	·326	64	70	WbyN 2	SW 5	1	10	·290	Rough ⸝ ● 2 evening and night.
29	29·896	29·945	64·2	58·3	54·6	65·9	·426	·392	71	80	WbyS 6	WbyN 1	8	5	·012	Squally ⸝ a.
30	·848	·736	60·9	56·2	54·2	62·9	·471	·413	89	91	SW 2	SSW 2	10	10	·423	Gloomy. [Bar. fell till 5p.
31	29·505	29·550	57·0	53·5	53·4	71·4	·456	·324	98	79	S by E 4	WbyN 1	10	1	·047	Bar. 29·339, Wind SSW. force 6. 2.15p.
Means	29·969	29·969	63·5	59·8	52·8	72·3	·446	·427	75·5	81·7	2·5	1·8	6·8	5·9	2·500	

CHURCHSTOKE.

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

JULY 1881.

Day.	Barometer at 32° and M.S.L. 9 a.m.	Barometer 9 p.m.	Air Temperature. 9 a.m.	Air Temp. 9 p.m.	Min.	Max.	Tension of Vapour. 9 a.m.	Tension 9 p.m.	Relative Humidity. 9 a.m.	Humidity 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	29·954	30·064	60·5	57·1	52·4	65·8	·394	·391	75	84	W 3	W 1	6	5	—	T
2	30·176	·135	59·8	56·7	46·0	69·1	·391	·331	76	72	NW 1	W 1	10	10	—	
3	·111	·150	60·1	63·8	52·9	66·8	·422	·489	82	83	SW 2	W 4	10	10	—	Dull day.
4	·201	30·220	66·9	63·5	61·1	76·9	·539	·528	83	90	SW 5	Calm 0	8	2	—	Hot. ◠ p.
5	30·127	29·858	68·0	65·5	56·8	83·3	·558	·548	82	88	E 1	WSW 1	1	8	·220	Bright and hot. Distant ⟍ ● 0
6	29·772	29·999	57·1	50·3	50·2	66·7	·439	·285	93	79	WNW 3	W 3	10	4	·050	● 2 till 10a.
7	·074	30·060	50·9	53·6	47·0	57·2	·352	·345	95	83	W 3	W 2	10	9	·001	
8	29·972	29·968	55·8	52·3	51·0	59·3	·365	·355	82	90	W 1	W 1	10	7	·055	Dull day.
9	30·011	29·988	58·0	54·3	43·5	64·7	·361	·384	75	91	W 2	W 1	5	4	·120	
10	·131	30·185	56·7	58·3	51·7	65·9	·331	·394	72	81	WNW 2	WSW 0·5	6	8	—	Warm day.
12	·141	·091	63·1	59·8	54·0	74·2	·365	·403	64	78	WSW 3	NNW 0·5	1	0	—	Warm day. First hay cut.
11	·060	·200	63·6	54·1	53·0	70·9	·416	·339	71	81	WNW 1	W 1	7	2	—	Warm day.
13	·183	·289	61·0	63·2	53·5	71·4	·443	·505	83	88	W 3	W 1	10	10	—	Squally and threatening.
14	·292	·199	66·2	62·0	58·8	80·7	·449	·427	70	78	W 1	SW 1	0	2	—	Bright, clear, and hot.
15	·136	·120	64·7	59·1	53·7	78·4	·418	·451	69	90	NW 1	NW 0·5	1	0	—	◠ a. Bright, clear, and hot.
16	·127	·175	60·2	51·1	51·0	75·0	·465	·323	90	86	ESE 1	SE 1	10	8	—	≋ 0 (mist) ◠ a. ∞ p.
17	·117	30·014	64·0	64·2	42·1	76·7	·386	·454	65	76	Calm 0	Calm 0	5	5	—	Breezy, clear, and hot.
18	30·009	29·994	65·8	64·3	57·1	76·1	·494	·526	79	88	W 2	SW 1	10	10	—	Dull and close.
19	29·912	29·893	63·9	58·8	58·1	69·1	·485	·391	82	79	NW 1	SW 1	8	10	·042	
20	29·874	30·000	59·4	53·9	43·9	65·4	·373	·357	74	86	W 2	WNW 1	10	6	—	Dull day.
21	30·078	30·039	54·8	51·8	40·8	66·7	·277	·309	65	80	NW 1	WNW 1	8	8	—	Clear and breezy.
22	29·844	29·882	57·2	56·0	47·5	63·1	·379	·384	81	86	SW 4	SW 2	10	8	·041	Dull.
23	·948	·907	59·9	56·1	49·5	64·7	·382	·418	75	92	SW 2	SW 1	10	6	·154	Dull and heavy.
24	·835	·705	60·3	52·9	50·6	64·1	·419	·290	81	73	SW 2	SW 5	10	4	·080	◠ · Dull.
25	·679	·622	54·4	52·2	49·4	60·5	·312	·309	73	80	NW 5	W 1	10	8	—	Squalls 9a. Bright day.
26	29·628	29·859	58·8	52·1	50·2	61·9	·305	·362	61	93	WNW 2	WNW 1	6	10	·022	
27	30·015	30·190	53·9	46·8	44·1	61·3	·309	·272	75	86	NW 1	WNW 1	8	0	—	Dull, cool, and breezy.
28	30·152	29·912	61·5	57·4	43·5	64·4	·340	·400	63	85	SW 3	SW 8	2	10	·086	⸝ · Clear.
29	29·925	·965	60·0	56·8	56·0	66·5	·396	·379	76	82	SW 8	SW 1	10	10	—	
30	·842	·726	55·9	57·4	52·8	65·1	·389	·397	88	84	W 1	SW 1	10	8	·215	Dull and squally.
31	29·326	29·627	59·9	51·1	50·6	69·9	·482	·321	94	85	S 4	SW 2	10	4	·020	Warm. Squally p.
Means	29·989	30·001	60·1	54·7	50·7	68·4	·401	·389	77·2	83·8	2·3	1·5	7·5	6·3	1·106	

GELDESTON.

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

JULY 1881.

1	30·016	29·994	70·9	62·3	54·1	78·7	·407	·393	54	71	SSW 2	Calm 0	9	10	—	◯ 2 8.50a. Mare's tails 10a.
2	·084	30·114	69·5	58·9	50·9	72·9	·421	·406	58	81	NNW 2	Calm 0	8	10	—	Mare's tails 9a. Coloured ◯ 5.40p.
3	·085	·110	71·1	69·2	57·7	80·8	·335	·525	44	74	WSW 3	WSW 1	10	0	—	⊍ 9p.
4	·164	30·163	71·3	74·2	61·8	87·0	·525	·619	68	73	W 3	W 1	0	0	—	⊍ 9p.
5	30·149	29·975	79·1	65·1	60·5	83·9	·588	·540	59	87	SE 2	ESE 1	0	0	·080	◯ 0 3p.
6	29·682	29·848	65·9	57·3	57·1	70·5	·567	·361	89	77	S 4	W 4	10	9	·070	T 0 < 0 early a. ⟍ 0 9.15a.
7	·099	30·013	55·0	58·2	48·9	61·1	·278	·360	65	74	W 5	W 3	10	8	—	Dull day.
8	·088	29·935	62·0	56·6	50·3	64·9	·367	·378	66	82	SSW 1	NW 1	9	10	—	
9	29·966	29·979	63·5	61·4	50·8	69·5	·379	·403	65	75	NW 1	Calm 0	0	10	·090	
10	30·015	30·176	60·7	58·2	55·1	68·8	·361	·364	68	75	NW 4	Calm 0	8	2	—	Orange coloured ⊍ 2 9p.
11	·199	·136	71·1	63·2	55·3	79·6	·351	·415	46	72	WSW 3	S 1	7	0	—	
12	·067	·085	76·7	67·0	58·0	82·4	·434	·496	48	75	SSW 2	Calm 0	0	1	—	Wind SE., cum. from SW., 1.30p.
13	·168	·248	66·1	64·3	52·9	76·0	·353	·485	56	81	W 3	Calm 0	7	0	—	
14	·284	·227	72·3	70·4	55·9	85·1	·533	·567	67	76	WSW 1	Calm 0	0	0	—	∞ 0 8a. Humidity 42% 5p.
15	·119	·005	79·6	72·0	60·2	91·2	·581	·547	57	69	SW 1	N 1	2	4	—	∞ ◠ 0 9a. Black bulb 141°·3 1p. [Humidity 36% 3p.
16	·065	·089	71·4	62·2	59·8	75·0	·487	·447	63	80	NNE 2	NE 1	0	10	—	⟍ 0 5a.-6a., moving from SW.
17	30·116	30·013	66·2	65·1	56·3	73·9	·354	·503	55	81	E 1	WSW 2	8	2	—	
18	29·978	29·951	74·7	66·1	57·9	87·8	·399	·460	47	73	WSW 2	NW 1	0	1	—	Mare's tails 8p.
19	·891	·825	77·9	65·3	58·1	88·2	·535	·503	55	81	S 1	E 1	8	10	·050	T 0 a. Wind NNE., cum. from WSW. 2p.
20	29·828	29·891	58·8	58·0	57·8	70·8	·437	·365	88	76	WNW 2	WNW 1	10	1	—	◯ 0 2.15p. [∞ 0 ◯ 0 3p. < 0 11p.
21	30·000	30·054	60·8	50·8	45·9	66·9	·309	·285	58	77	NNW 2	ENE 1	5	1	—	
22	29·955	29·867	63·2	59·2	42·8	65·0	·335	·436	58	88	SW 2	SSW 2	10	9	·020	◯ 0. ∞ 1p.
23	·950	·898	63·0	63·0	52·9	71·7	·337	·500	59	87	W 2	SW 1	9	10	·040	Coloured ◯ 8.15a.
24	·895	·701	61·3	62·1	54·8	71·7	·466	·420	86	75	SW 1	WSW 2	10	7	·010	⟍ 0 5.40p. moving from SW.
25	·644	·599	59·1	57·8	49·8	65·7	·286	·303	57	63	WSW 5	WSW 1	7	9	—	⸝ (force 6) 7a.
26	·508	29·747	59·6	53·0	48·8	64·9	·372	·347	73	86	N 2	NW 1	10	1	·160	● 2 ▲ 0 10a. ◠ 9p.
27	29·942	30·116	57·2	48·9	43·9	61·7	·304	·282	65	81	NW 2	Calm 0	10	0	—	◠ 9p.
28	30·191	30·060	61·1	60·3	43·1	68·9	·317	·271	59	52	W 2	SW 3	0	7	·210	Mare's tails 9a. Coloured ◯ 3.30p.
29	29·915	29·953	64·7	63·1	53·9	70·9	·470	·422	77	73	WSW 3	SSW 1	5	7	—	
30	·903	·742	64·6	62·1	53·7	68·9	·453	·483	75	86	SSW 2	SW 2	9	10	·090	
31	29·658	29·518	60·3	61·3	55·9	67·7	·483	·435	93	80	SSW 3	W 5	10	10	·250	● 7a.—2p. Beautiful cirrus 6.40p. [⸝ (force 7) 7.30p.
Means	29·981	29·969	66·4	61·8	53·7	73·9	·414	·430	63·8	76·8	2·3	1·2	6·2	5·1	1·070	

CHELTENHAM.

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

JULY 1881.

Day.	Barometer at 32° and M. S. L. 9 a.m.	Barometer 9 p.m.	Air Temperature 9 a.m.	Air Temp. 9 p.m.	Air Temp. Min.	Air Temp. Max.	Tension of Vapour 9 a.m.	Tension 9 p.m.	Relative Humidity 9 a.m.	Relative Humidity 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	29·975	30·030	62·8	54·5	54·0	70·4	·436	·422	77	99	SW 1	SW 1	10	6	—	Very fine day.
2	30·142	·124	61·2	62·0	47·0	72·0	·465	·447	86	81	SW 1	SW 1	8	10	—	Very fine day.
3	·169	·191	62·1	62·5	55·2	74·5	·454	·526	82	93	W 3	SW 1	9	8	—	Fine and bright.
4	·235	30·210	68·5	66·3	58·5	79·8	·572	·588	83	91	SW 1	Calm 0	6	0	—	Very fine and bright, but close.
5	30·141	29·814	68·5	73·6	58·5	86·8	·586	·626	85	75	Calm 0	S 1	0	8	·440	Sultry. ≺ 9p. ⊼ 11p.
6	29·700	29·993	65·0	54·6	53·2	73·7	·584	·317	95	75	W 1	W 4	10	4	·400	⊼ ⸝ 9a.—11a. Fine afternoon.
7	30·096	30·075	55·5	56·1	49·5	63·6	·316	·342	72	76	W 3	W 2	10	10	·020	
8	29·987	29·949	57·4	55·0	52·4	61·2	·360	·397	76	92	W 1	Calm 0	10	6	·140	Dull day. ● showers.
9	29·991	30·004	56·1	57·3	42·6	66·6	·388	·416	86	88	W 1	W 1	6	10	—	
10	30·148	·203	59·0	59·5	47·8	71·4	·331	·351	66	69	SW 2	Calm 0	6	4	—	Fine and bright.
11	·183	·081	68·0	62·0	50·2	75·8	·409	·396	59	72	SW 3	S 1	3	1	—	Fine and bright.
12	·059	·132	63·0	62·0	50·1	74·5	·433	·424	76	77	SW 1	SW 1	8	1	—	Fine and bright.
13	·226	·298	66·8	63·8	53·0	70·0	·416	·489	64	83	W 3	SW 2	6	10	—	Fine and bright.
14	·322	·177	64·6	68·0	59·0	81·6	·483	·558	81	82	SW 1	SW 1	6	0	—	Very sultry.
15	·115	·060	72·6	64·0	53·6	85·0	·501	·430	63	72	SW 1	W 1	4	5	—	Fine and bright.
16	·097	·106	69·4	61·4	53·3	75·1	·473	·388	66	72	N 1	NW 1	4	10	—	
17	30·139	30·023	63·5	68·0	44·6	77·7	·364	·319	62	46	NW 1	SW 2	1	1	—	Fine and sultry.
18	29·995	29·974	69·3	65·8	59·0	79·6	·482	·537	67	85	SW 1	Calm 0	3	5	·020	Distant ⊼ at night.
19	·925	·867	67·4	63·5	59·0	78·3	·537	·520	80	89	SW 2	Calm 0	9	5	·100	Very fine, but close.
20	29·880	·969	61·2	53·0	52·0	69·6	·381	·366	71	91	SW 1	W 1	6	1	—	Very fine.
21	30·057	·998	58·2	59·2	41·5	68·0	·290	·338	59	67	NW 2	W 1	4	10	—	Very fine.
22	29·937	·889	57·8	60·2	53·3	68·0	·349	·430	73	83	SW 3	SW 3	10	9	·020	
23	·966	·916	62·0	59·9	51·0	70·1	·370	·443	67	87	SW 2	S 1	7	10	·040	
24	·859	·763	64·4	51·8	48·8	66·5	·456	·317	75	82	SW 2	S 1	9	0	·090	
25	·712	·607	57·0	50·1	47·0	60·8	·296	·321	63	89	W 5	W 1	8	10	—	Fine.
26	·610	29·920	59·5	56·6	42·6	66·2	·361	·360	72	78	NW 2	W 1	5	8	—	
27	29·990	30·174	57·6	45·4	44·6	64·9	·290	·264	61	88	W 2	Calm 0	8	0	·040	
28	30·203	30·014	63·2	59·0	35·8	70·2	·296	·400	51	80	W 1	S 4	1	10	·160	Dull day. ● 2 at night.
29	29·970	29·994	62·0	60·0	57·0	68·2	·396	·483	72	94	SW 3	S 3	6	10	·040	Dull day.
30	·834	·747	60·8	58·8	56·0	64·5	·469	·413	88	84	S 1	SW 2	10	8	·340	● 2 a. Fine p.
31	29·440	29·622	61·8	56·6	54·8	71·6	·489	·357	89	77	S 6	W 2	10	3	·050	● 2 ⸝ (gale) with squalls a. Calm and fine evening.
Means	30·003	29·998	62·8	59·7	51·1	71·8	·420	·419	73·1	81·2	1·9	1·3	6·5	5·9	1·900	

CARMARTHEN.

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

JULY 1881.

1	29·959	30·076	58·7	53·9	53·5	64·3	·441	·381	90	92	SW 2	Calm 0	10	0	·020	
2	30·154	·149	62·9	54·6	47·0	68·7	·415	·362	73	85	Calm 0	Calm 0	5	10	—	
3	·160	·212	58·0	59·0	53·0	62·0	·457	·492	94	99	SW 2	S 1	10	10	·080	
4	·256	30·242	61·4	58·9	57·6	66·5	·537	·491	99	99	SW 1	SW 1	10	10	·020	
5	30·118	29·864	63·7	66·1	56·8	83·3	·562	·574	95	90	Calm 0	Calm 0	5	10	·630	⊼ after 4p.
6	29·824	30·086	53·3	53·1	52·1	67·2	·378	·393	93	75	NW 3	W 2	10	5	—	
7	30·123	30·087	57·0	53·9	48·5	62·2	·346	·362	74	87	W 5	SW 2	8	10	·330	
8	29·958	29·954	55·2	54·6	51·8	61·2	·386	·379	89	89	W 1	Calm 0	10	0	—	
9	30·012	30·026	62·2	54·4	43·8	63·0	·401	·369	72	88	SW 2	W 2	6	9	·030	
10	·173	·213	63·6	57·8	51·2	65·8	·391	·437	67	91	SW 2	SW 4	6	10	—	
11	·157	·087	60·0	57·0	56·6	66·9	·437	·434	85	93	SW 4	S 2	10	8	—	
12	·084	·216	60·7	54·7	54·3	69·7	·469	·386	89	91	Calm 0	W 2	10	0	—	
13	·264	·307	60·2	60·2	53·2	63·1	·475	·498	92	96	SW 3	SW 2	10	10	—	
14	·316	·201	65·0	58·0	57·0	70·0	·456	·444	75	92	S 1	Calm 0	7	0	—	
15	·142	·103	65·5	58·4	50·4	74·8	·427	·444	69	91	Calm 0	N 1	3	4	—	
16	·098	·146	69·0	55·6	53·0	73·2	·406	·330	70	75	E 1	N 1	2	1	—	
17	·138	30·047	68·6	60·7	47·6	69·8	·375	·507	53	96	S 1	SW 1	0	10	—	
18	30·028	29·993	62·8	62·8	58·7	68·1	·537	·529	94	93	SW 1	SW 1	10	10	·090	
19	29·893	·911	61·8	55·6	55·1	67·5	·516	·361	94	81	Calm 0	W 1	10	5	—	
20	29·897	29·999	62·0	54·2	46·0	66·7	·371	·358	67	85	W 2	NW 1	5	0	—	
21	30·074	30·028	60·5	52·4	47·6	63·7	·307	·330	58	84	N 1	SW 4	7	10	·090	
22	29·868	29·866	58·5	57·4	51·8	63·4	·475	·441	97	93	SW 4	W 1	10	6	·050	
23	·951	·901	58·2	57·8	49·6	63·7	·441	·469	91	98	Calm 0	S 1	10	10	·190	
24	·857	·790	60·4	52·0	51·8	62·9	·443	·309	83	80	W 4	W 1	10	0	—	
25	·728	·626	58·4	50·7	48·1	61·1	·301	·325	61	88	W 3	Calm 0	5	4	—	
26	29·674	29·869	61·5	53·9	48·0	63·9	·362	·365	67	88	NW 2	N 2	5	2	—	
27	30·057	30·219	59·4	49·7	49·0	62·7	·343	·289	68	82	N 1	NW 1	6	0	—	
28	30·167	29·905	60·0	59·0	42·7	62·8	·364	·492	70	99	S 4	SW 4	7	10	·400	
29	29·960	·968	62·3	57·2	55·9	64·4	·418	·388	75	83	W 5	S 2	8	10	·010	
30	·824	·708	59·5	58·2	54·3	64·7	·436	·454	86	93	SW 2	SW 3	10	10	1·000	
31	29·328	29·660	62·3	52·1	51·8	65·0	·552	·375	98	96	SW 5	Calm 0	10	0	·030	
Means	30·008	30·015	61·1	56·3	51·5	66·2	·429	·409	80·3	89·4	2·0	1·4	7·6	5·9	2·970	

MARLBOROUGH.

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

JULY 1881.

Day.	Barometer at 32° and M. S. L. 9 a.m.	Barometer 9 p.m.	Air Temperature 9 a.m.	Air Temp. 9 p.m.	Air Temp. Min.	Air Temp. Max.	Tension of Vapour 9 a.m.	Tension 9 p.m.	Relative Humidity 9 a.m.	Relative Humidity 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	29·996	30·035	65·5	57·7	53·2	74·0	·409	·388	65	82	SW 2	Calm 0	7	1	—	
2	30·129	·147	66·7	58·5	48·4	70·5	·389	·375	59	77	N 1	Calm 0	3	0	—	
3	·170	·223	68·1	63·1	52·0	75·1	·374	·516	54	89	W 1	Calm 0	5	10	—	
4	·255	30·234	66·3	66·5	60·1	78·4	·511	·574	80	89	W 1	W 1	10	0	—	
5	30·142	29·869	77·1	72·0	56·3	86·9	·601	·533	65	67	SE 1	E 1	0	4	·180	⊼ 2 at night.
6	29·718	30·026	64·5	50·4	50·4	73·8	·554	·303	92	83	W 1	Calm 0	10	1	·030	
7	30·122	30·116	59·1	55·7	45·3	65·2	·295	·334	59	76	WNW 2	W 1	8	10	—	
8	·007	29·965	57·1	51·6	51·6	62·2	·348	·356	75	93	SW 1	Calm 0	10	3	·140	
9	·022	30·021	65·2	57·4	43·1	71·5	·407	·412	65	87	W 1	SW 1	7	10	·040	
10	·154	·239	60·0	57·0	51·3	79·6	·352	·352	68	75	NNW 1	Calm 0	7	8	—	
11	·214	·121	66·8	61·3	53·3	75·4	·421	·352	64	66	SW 1	S 1	8	0	—	
12	·071	·193	67·3	56·8	51·1	74·4	·436	·374	65	81	Calm 0	W 1	4	0	—	
13	·255	·331	67·4	62·1	51·0	71·2	·436	·482	64	87	W 1	W 1	5	10	—	
14	·336	·227	67·4	69·0	58·2	82·9	·501	·533	75	75	W 1	Calm 0	9	0	—	≋ before 9a.
15	·110	·061	78·2	67·5	55·0	87·1	·562	·413	57	61	W 1	NNW 1	0	8	—	
16	·082	·101	73·0	64·3	59·1	80·4	·511	·454	63	76	E 1	N 1	0	10	—	
17	·126	30·072	69·8	63·6	52·1	80·2	·365	·394	50	67	NNW 1	W 1	0	0	—	
18	30·037	29·987	69·6	65·1	54·6	81·1	·514	·511	71	84	W 1	Calm 0	2	4	—	
19	29·923	·864	74·4	64·5	58·3	84·0	·535	·507	62	84	W 1	Calm 0	1	9	·040	
20	29·883	29·975	62·6	54·5	54·5	72·1	·404	·321	72	76	NW 1	Calm 0	6	0	—	
21	30·053	30·048	60·8	53·7	46·1	68·2	·304	·328	57	79	NW 1	Calm 0	1	5	—	
22	29·975	29·933	57·6	58·5	50·6	64·0	·366	·428	77	88	SW 1	SW 1	10	10	·030	
23	·987	·949	62·2	58·2	54·2	71·0	·410	·444	79	91	SW 1	SW 1	10	9	·130	
24	·879	·789	64·6	55·2	55·2	68·5	·473	·403	79	93	SW 1	W 1	10	8	·090	
25	·747	·634	58·7	53·5	47·3	66·4	·325	·349	66	85	W 1	Calm 0	10	9	—	
26	29·616	29·833	58·6	53·7	47·3	68·1	·357	·386	73	94	N 1	Calm 0	10	10	·060	
27	30·005	30·182	61·5	48·9	48·9	66·6	·325	·274	59	79	W 1	Calm 0	2	0	—	
28	·223	·073	62·6	57·6	36·2	69·4	·309	·381	54	80	SW 1	SW 2	0	10	·420	Much damage done to beans and young potatoes, &c. by frost.
29	30·004	30·010	61·1	58·3	56·0	69·9	·431	·434	81	90	W 1	Calm 0	9	9	·180	
30	29·876	29·789	58·8	58·2	55·9	63·2	·482	·433	97	89	Calm 0	SW 1	10	10	·690	
31	29·505	29·634	59·5	55·4	55·3	68·9	·485	·391	96	90	S 1	SW 1	10	1	·110	
Means	30·020	30·022	64·9	59·0	52·0	73·2	·426	·411	69·1	81·7	1·0	0·5	5·9	5·5	2·140	

STRATHFIELD TURGISS.

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

JULY 1881.

1	30·007	30·023	71·3	61·2	50·7	80·0	·400	·436	51	81	SW 3	W 1	7	8	—	○ a.
2	·119	·141	65·9	60·9	50·3	76·6	·430	·409	68	77	N 3	Calm 0	5	4	—	≋ a.
3	·163	·211	69·3	65·8	51·6	80·6	·355	·529	50	84	SW 3	SW 2	8	7	—	
4	·247	30·236	72·4	68·9	60·9	85·7	·550	·580	69	83	SW 3	W 1	3	0	—	
5	30·148	29·892	77·7	70·5	52·2	90·6	·626	·617	66	83	NW 2	SE 2	0	3	·268	⊼ 10.30p.
6	29·703	30·028	63·0	53·2	50·4	72·0	·505	·304	88	75	W 2	NW 3	10	0	—	
7	30·116	30·121	62·0	57·0	45·0	68·2	·334	·345	60	74	W 3–4	W 2	6	10	—	Squally ⸝ a.
8	·029	29·967	57·8	53·3	48·2	63·9	·369	·384	77	95	S 1	NW 0–1	10	3	—	
9	·032	30·029	65·3	57·6	40·6	71·9	·391	·409	63	85	W 3	SW 2	5	10	·015	
10	·138	·235	64·0	60·0	51·8	76·3	·344	·342	57	66	W 3	W 3	0	5	—	Squally 9a.
11	·234	·151	71·4	60·0	51·9	78·8	·415	·418	54	81	SW 3	S 1	5	0	—	
12	·068	·180	64·4	61·3	47·9	81·5	·489	·384	81	72	S 1	W 3	8	0	·026	
13	·258	·326	66·3	63·2	50·3	79·1	·439	·505	69	88	NW 4	NW 1	4	3	—	
14	·322	·239	73·4	67·9	54·2	87·8	·558	·545	68	81	W 1	SW 1	0	0	—	
15	·127	·048	77·0	74·0	52·8	93·9	·598	·473	65	57	W 3	NW 2	0	8	—	
16	·077	·076	78·7	70·5	55·4	85·4	·590	·537	59	72	NE 3	NE 2	0	10	—	
17	·126	30·057	73·5	65·0	53·9	86·9	·437	·453	53	74	N 1	W 1	0	0	—	
18	30·027	29·996	74·7	64·4	54·1	85·9	·512	·479	59	79	W 3	NW 2	0	0	—	≺ at night.
19	29·922	·849	79·1	70·0	54·9	88·6	·594	·501	59	68	NW 3	W 2	3	10	—	
20	29·890	29·963	62·4	57·0	57·0	75·9	·399	·339	71	73	W 2	W 1	10	0	—	Squally mid-day.
21	30·045	30·026	63·3	54·6	42·7	74·9	·305	·324	53	76	N 3	W 1	2	4	·009	
22	29·999	29·925	58·6	60·4	44·9	64·4	·386	·447	79	86	SW 3	W 3	10	3	·051	Squally mid-day.
23	·996	·948	62·9	61·4	53·2	71·2	·449	·516	79	96	SW 2	SW 1	10	10	·048	
24	·916	·796	66·7	57·0	56·2	69·8	·492	·416	76	89	SW 2	W 2	10	8	·186	Squally mid-day.
25	·762	·639	60·5	55·7	47·6	66·1	·319	·362	60	82	NW 3–4	SW 3	8	10	—	Squally ⸝
26	·598	29·839	60·9	55·2	51·1	71·1	·325	·375	60	87	N 2	W 2	5	9	·076	T a. ⊼ p.
27	29·987	30·159	63·1	52·7	48·7	69·3	·388	·352	68	88	NW 3	N 1	5	1	—	Squally mid-day.
28	30·237	·096	63·4	58·6	37·0	73·2	·308	·342	53	70	SW 3	SW 3	0	10	·270	
29	30·002	30·011	64·8	61·8	55·4	73·4	·444	·477	73	87	W 3–4	W 2	6	9	—	Squally mid-day.
30	29·882	29·811	60·3	59·2	56·7	68·2	·489	·443	94	89	S 1	SW 3	10	10	·454	Squally mid-day.
31	29·572	29·610	59·7	60·8	57·0	67·0	·498	·449	98	84	SE 3	SW 1	10	10	·489	Squally a.
Means	30·024	30·020	66·9	61·3	51·1	76·7	·443	·435	67·1	80·1	2·6	1·8	5·2	5·3	1·892	

Ramsgate.

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

JULY 1881.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	
	ins.	ins.	°	°	°	°	in.	in.	%	%					ins.	
1	30·060	30·009	68·8	64·0	54·0	77·2	·406	·461	57	77	SW 2	Calm 0	3	0	—	Sultry.
2	·106	·179	69·0	60·0	55·2	74·2	·487	·276	68	54	W 1	W 1	3	10	—	Sultry.
3	·164	·229	72·0	65·5	57·5	80·5	·459	·456	58	74	W 1	W 2	10	4	—	Sultry.
4	·254	30·212	75·0	68·0	60·0	83·2	·622	·543	71	80	W 1	W 1	0	0	—	Sultry.
5	30·191	29·941	72·0	67·3	60·1	79·7	·588	·546	75	83	W 1	SW 2	0	10	·230	
6	29·779	29·963	63·0	56·5	56·0	70·2	·539	·355	94	78	SW 3	SW 4	10	5	·020	☈ began 0.5*a*.
7	30·107	30·111	57·0	52·2	48·0	64·7	·286	·364	61	93	NW 2	NW 2	3	10	—	Chilly.
8	30·033	29·956	56·1	54·5	48·1	63·2	·292	·312	65	73	NW 1	NW 1	7	10	·020	
9	29·985	30·050	57·2	55·1	48·5	64·3	·374	·298	80	70	NW 1	Calm 0	5	10	·040	
10	30·110	·208	63·1	60·0	55·1	73·4	·473	·421	83	81	W 1	Calm 0	5	8	—	
11	·225	·195	67·2	62·5	54·0	75·5	·548	·512	83	91	W 1	Calm 0	5	0	—	Fine day.
12	·104	·189	65·0	68·0	59·0	80·7	·520	·550	85	81	S 2	S 2	3	1	—	Sultry.
13	·349	·343	70·0	67·5	58·5	80·4	·401	·550	54	83	S 1	S 1	2	1	—	
14	·355	·273	69·5	65·7	57·2	80·2	·564	·500	79	80	Calm 0	Calm 0	2	0	—	
15	·108	·008	72·1	68·1	61·0	83·3	·694	·574	89	84	Calm 0	NE 2	0	5	—	
16	·108	·117	70·2	62·1	62·1	74·2	·574	·522	78	94	NE 2	Calm 0	0	10	—	
17	·117	·085	70·5	67·2	60·1	82·3	·503	·514	67	78	SW 1	Calm 0	3	0	—	
18	30·014	30·005	72·2	68·1	62·1	83·3	·528	·473	66	69	W 1	Calm 0	0	0	—	Sultry.
19	29·959	29·809	74·2	68·1	59·1	84·7	·522	·472	61	69	W 1	Calm 0	0	9	—	
20	29·894	29·898	64·5	59·3	59·1	72·9	·552	·447	91	89	SW 1	Calm 0	10	3	·010	
21	30·046	30·082	62·0	56·2	54·6	72·3	·401	·345	73	76	NW 1	NE 1	7	10	—	Chilly *p*.
22	30·017	29·949	63·0	60·1	54·2	70·5	·475	·444	83	86	NE 3	NE 2	10	10	—	
23	29·981	·959	65·0	60·2	55·2	70·3	·465	·479	76	92	NE 2	NE 2	10	10	—	
24	·923	·779	65·0	59·1	56·5	71·5	·537	·487	87	97	SW 2	SW 5	10	10	·040	
25	·729	·626	65·2	60·1	56·8	74·3	·509	·461	83	89	Calm 0	SW 1	3	10	—	☈ 1.30*p*.—3*p*.
26	·527	29·731	56·0	54·1	50·2	67·5	·386	·362	86	87	SW 3	SW 2	10	10	·260	Chilly all day.
27	29·934	30·193	58·2	54·0	50·1	63·2	·464	·361	96	86	SW 1	E 2	10	10	—	
28	30·248	·156	62·0	58·6	45·8	65·3	·401	·377	73	77	NE 1	SW 3	5	10	·070	
29	30·027	30·041	60·5	59·5	57·5	71·4	·492	·444	94	88	SW 5	SW 2	10	3	—	
30	29·979	29·849	60·6	58·2	55·2	69·7	·430	·454	82	93	SW 1	SW 2	8	10	·080	
31	29·702	29·608	54·5	63·5	54·5	69·3	·413	·498	98	85	SW 6	SW 3	10	10	·210	● all day.
Means	30·037	30·024	65·2	61·4	55·7	74·0	·481	·447	77·3	81·8	1·6	1·4	5·3	6·4	0·980	

Southampton.

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

JULY 1881.

1	30·009	30·038	71·2	60·2	53·4	73·3	·415	·450	54	87	SW 3	Calm 0	4	1	—	
2	·103	·137	69·8	64·1	52·5	76·5	·437	·413	60	69	NE 3	NNW 0·5	5	1	—	
3	·180	·211	69·6	66·6	54·0	79·0	·399	·514	54	79	SW 2·5	SW 2·5	9	8	—	
4	·261	30·225	74·5	68·9	60·5	81·8	·545	·572	64	82	WNW 3	SW 1·5	2	0	—	
5	30·142	29·853	75·0	72·4	59·3	83·8	·612	·467	70	58	SSE 2	SE 2·5	1	10	·098	⌓² *a*. < 8.45*p*., followed by ☈² ●² [↗ which lasted till [11.30*p*. Storm moved [SE. to NW. < was [remarkably vivid.
6	29·741	30·041	68·0	55·8	55·3	73·5	·562	·347	82	77	W 3·5	W 3·5	10	7	·019	Very cool *p*.
7	30·144	30·133	58·5	56·3	51·1	67·5	·336	·384	69	84	WNW 3	NW 1	9	4	·017	
8	·023	29·959	56·6	55·2	53·0	60·5	·397	·368	86	85	SW 3	SW 1·5	10	1	·011	Very cool *p*.
9	·040	30·033	66·5	58·5	44·4	69·6	·392	·417	60	86	SW 2	SW 3	7	10	—	
10	·152	·243	65·1	61·9	54·9	73·6	·363	·447	59	81	NW 3·5	SW 1	8	5	—	
11	·242	·151	67·6	62·6	55·2	74·6	·396	·434	59	77	SW 3	SSE 1·5	7	0	·007	
12	·069	·181	68·0	62·5	57·2	80·8	·531	·366	78	65	WSW 1	NW 2·5	7	1	—	●⁰ 8*a*. T 8.30*a*.
13	·286	·313	69·6	66·5	52·2	79·4	·422	·522	58	81	W 3	NW 2	2	0	—	
14	·334	·213	69·8	69·1	56·3	82·2	·520	·568	71	81	SW 1·5	Calm 0	1	0	—	
15	·104	·038	78·1	71·5	58·1	91·7	·626	·448	65	58	S 1	NW 1	0	9	·011	
16	·056	·054	76·6	69·9	61·6	85·4	·522	·546	57	75	NE 2·5	ENE 1·5	0	9	—	
17	·123	30·063	72·8	68·3	56·8	84·4	·445	·460	55	66	NNE 1	SW 1	1	0	—	
18	30·038	29·992	76·5	70·3	57·0	82·5	·495	·568	54	77	SW 1·5	SW 1	1	1	—	< after 9.30*p*.
19	29·910	·854	79·0	68·9	60·5	87·7	·578	·480	58	68	NW 1·5	NNW 3	0	10	·004	
20	29·896	29·950	64·1	60·8	59·8	75·5	·419	·405	70	77	NW 2·5	NW 1·5	9	0	—	
21	30·045	30·030	63·9	58·7	50·8	72·8	·309	·316	51	64	NW 3	NW 1·5	1	1	·014	
22	29·987	29·938	59·5	60·4	51·1	63·4	·421	·473	83	91	SW 2·5	SW 2·5	10	9	·097	
23	30·004	·952	63·4	61·8	55·6	69·5	·457	·479	78	87	SW 2	SW 2	10	10	·027	
24	29·910	·810	65·4	59·3	59·3	71·5	·501	·451	81	90	SW 2	WSW 3·5	10	10	·030	
25	·788	·638	59·5	55·4	51·7	65·1	·342	·353	68	81	W 3	WSW 2	10	10	·042	
26	29·623	29·845	62·4	57·0	51·7	68·6	·351	·369	62	79	N 2·5	WNW 3	9	10	·028	T 6.40*p*.—7*p*.
27	30·002	30·154	63·9	56·6	52·1	70·1	·370	·330	62	72	N 3·5	NNW 2	7	1	—	
28	·241	·106	65·1	58·6	42·4	69·1	·323	·396	52	80	S 2	SW 3	1	10	·171	
29	30·020	30·018	65·6	59·7	58·1	73·0	·470	·477	75	94	W 3·5	SW 2·5	8	1	·160	
30	29·891	29·811	60·5	60·0	58·7	67·6	·510	·479	97	93	SW 3	SW 3	10	10	·730	
31	29·547	29·636	60·6	60·0	58·9	64·7	·509	·485	96	94	SW 7	W 3	10	10	·260	● ↗ 2*a*.—3.30*p*.
Means	30·029	30·020	67·3	62·5	55·0	74·8	·451	·445	67·4	78·6	2·6	1·9	5·8	5·1	1·726	

St. Leonards.

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

JULY 1881.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	
	ins.	ins.	°	°	°	°	in.	in.	%	%					ins.	
1	30·058	30·026	65·3	59·5	56·1	71·0	·412	·463	67	92	S 1	W 1	2	0	—	Very fine day. ⌓ *p*.
2	·075	·141	73·4	62·9	58·6	76·2	·501	·463	60	81	ENE 1	SW 1	2	7	—	○ *a*. and *p*.
3	·186	·218	64·3	60·7	57·7	67·3	·482	·443	80	84	WSW 2	WNW 2	4	3	—	
4	·269	30·231	64·7	65·0	57·7	66·6	·532	·530	87	86	WSW 4	NW 2	2	0	—	≡⁰ (sea fog) *a*. Very fine day.
5	30·160	29·906	74·5	73·5	61·0	84·0	·561	·586	66	71	ESE 1	ENE 4	0	8	·402	Very hot day. ☈ 9*p*. ●² after 11*p*.
6	29·764	30·001	60·6	57·4	57·1	73·5	·509	·340	96	72	SW 6	W 5	10	3	—	☈² ●² till 3*a*. ≡ till 2*p*. ↗ (force [7) 2*p*.—3*p*. Bar. rising [from 9*a*.
7	30·134	30·122	59·8	55·5	48·9	62·2	·267	·400	52	91	WNW 5	WNW 3	5	1	—	⌓ at night.
8	·041	29·973	59·6	55·6	51·7	59·6	·420	·389	82	87	SSW 3	WSW 2	9	4	—	⌓ 9*p*.
9	·032	30·055	62·1	57·4	49·5	62·9	·415	·365	74	77	SW 2	W 5	1	9	—	
10	·122	·248	64·6	59·6	56·6	74·0	·359	·440	59	86	WNW 4	NW 3	8	3	—	
11	·294	·163	61·7	64·5	56·2	71·7	·453	·442	82	73	SSW 3	ESE 1	3	0	—	
12	·096	·151	70·1	65·5	61·6	70·6	·434	·520	59	83	SE 2	NW 2	2	1	—	Wind veered during the day.
13	·272	·314	67·9	64·4	54·6	70·6	·404	·516	58	85	WNW 3	NW 2	2	1	—	
14	·348	·246	70·3	70·0	60·2	76·8	·504	·495	68	68	SSE 1	ENE 1	1	0	—	Very fine day.
15	·126	·017	79·2	74·8	67·0	85·6	·549	·479	54	56	E 1	Calm 0	1	1	—	Very hot day.
16	·052	·089	74·3	65·0	65·0	78·6	·521	·435	61	71	NNE 3	NE 3	1	7	—	T 3*a*.—4*a*.
17	·118	·071	68·0	65·5	62·0	71·5	·489	·443	71	71	E 4	W 2	4	0	—	Very fine day. Wind veered.
18	30·053	30·006	69·1	65·1	61·9	71·9	·510	·471	72	76	SW 1	SW 1	0	1	—	Very fine day.
19	29·910	29·821	73·4	68·9	61·2	80·7	·504	·477	61	67	S 1	NW 1	1	2	—	Very warm day. Bar. rising 9*p*. <, [over the sea, at night.
20	29·860	29·932	67·4	62·3	62·1	70·0	·533	·412	80	73	NW 1	W 1	10	3	·011	Very gloomy 11*a*.—1*p*.
21	30·018	30·058	65·7	58·3	53·0	71·5	·329	·343	52	70	NNE 3	ENE 2	1	1	—	
22	·035	29·968	61·1	60·1	57·1	62·3	·360	·476	67	91	SW 3	WSW 7	9	10	·016	Wind rising all day.
23	30·026	·990	62·5	60·7	55·3	64·5	·471	·494	83	94	SW 4	SW 5	8	10	·015	Squally *p*.
24	29·953	·831	60·7	59·5	59·1	62·0	·504	·445	95	88	SW 4	WSW 7	10	9	·012	Squally *p*.
25	·779	·669	59·7	56·0	52·6	64·0	·302	·378	59	84	W	W 3	9	10	·345	
26	·560	29·831	55·9	52·8	50·7	67·8	·392	·366	88	91	NNW 4	WNW 2	7	9	·715	☈ ▲ ●² 4*p*.—7*p*.
27	29·984	30·163	57·1	54·5	51·2	65·8	·396	·379	84	89	NNW 3	NE 2	9	3	·509	☈ ●² 11*a*.—7.30*p*.
28	30·267	·164	61·4	58·7	51·0	64·0	·372	·371	69	75	SSE 2	SW 4	1	9	·079	
29	30·056	30·055	60·0	58·5	58·1	64·4	·492	·449	95	91	WSW 6	WSW 3	10	2	—	
30	29·947	29·850	61·5	59·7	57·5	63·9	·473	·457	87	90	SSW 2	WSW 5	10	10	·145	
31	29·703	29·646	59·1	62·3	58·2	62·8	·483	·545	96	97	SSE 7	WSW 6	10	10	·430	Overcast all day, with ● ↗ (gale). [Bar. rose slowly from 6*p*.
Means	30·042	30·031	65·0	61·7	57·1	69·6	·449	·446	73·0	81·0	2·9	2·8	4·9	4·4	2·679	

Dartmoor.

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

JULY 1881.

1	30·000	30·050	55·0	51·0	47·0	60·0	·418	·348	97	93	SW 2	W 2	10	5	—	
2	·133	·219	60·0	53·0	45·0	63·0	·382	·348	74	86	NE 1	Calm 0	5	7	—	
3	·224	·269	58·2	58·0	45·0	65·0	·389	·482	80	100	W 1	W 1	5	10	—	≡ 9*p*.
4	·241	30·212	64·5	62·0	55·0	75·0	·518	·556	86	100	W 2	Calm 0	1	10	—	≡⁰ (mist) *a*.
5	30·112	29·853	62·0	67·0	62·0	75·0	·399	·584	72	88	Calm 0	Calm 0	5	7	·340	≡⁰ (mist) *a*. ☈² all night, with [▲ of enormous size.
6	29·882	30·153	51·0	47·0	47·0	67·0	·374	·275	100	86	NW 5	NW 2	10	4	·020	
7	30·208	30·151	51·0	48·0	43·0	56·0	·322	·335	86	100	NW 2	NW 1	9	10	—	
8	·014	29·968	50·5	49·0	45·0	52·0	·304	·348	83	100	SW 2	Calm 0	10	10	·050	≡ 9*p*.
9	·070	30·096	51·5	52·0	47·6	57·7	·381	·388	100	100	SW 1	W 3	5	10	—	
10	·200	·250	57·0	53·0	50·0	65·0	·406	·374	87	93	W 2	W 3	3	5	·070	
11	·213	·143	60·0	54·0	50·0	64·0	·437	·361	85	86	S 4	E 2	4	0	—	
12	·109	·266	61·0	51·5	50·0	65·0	·410	·342	77	90	W 2	N 3	9	6	—	
13	·307	·363	59·5	52·0	50·0	67·0	·375	·361	74	93	NW 3	E 1	9	0	—	
14	·318	·255	67·0	60·0	51·0	71·0	·453	·453	68	88	NE 1	NE 1	0	0	—	
15	·137	·119	68·9	62·0	55·0	79·0	·444	·399	62	72	NE 1	Calm 0	5	0	—	
16	·135	·156	67·0	57·0	54·5	73·0	·424	·434	64	93	NE 2	Calm 0	0	2	—	
17	·145	·119	67·0	59·0	50·0	73·0	·325	·331	49	66	E 1	E 1	0	0	—	
18	30·086	30·046	65·0	56·0	53·0	75·0	·419	·449	68	100	E 1	W 2	0	5	·030	
19	29·916	29·957	67·5	53·0	53·0	72·0	·403	·374	60	93	N 1	NW 1	10	10	·040	☈ before 9*a*.
20	29·949	29·991	58·5	52·0	49·0	63·0	·360	·335	74	86	NW 1	NW 1	7	3	—	
21	30·073	30·086	57·0	52·0	45·0	63·0	·284	·246	61	64	E 2	Calm 0	4	10	·090	
22	29·973	29·975	54·0	53·0	45·0	61·0	·403	·374	97	93	SW 3	SW 3	10	10	·210	≡ 9*a*.
23	30·004	·983	57·5	56·0	52·0	63·0	·443	·449	94	100	NW 3	SW 2	10	10	·220	≡ 9*p*.
24	29·946	·873	56·5	46·0	46·0	57·0	·427	·311	94	100	NW 3	SW 2	10	10	·160	
25	·792	·644	52·0	47·5	43·0	53·0	·287	·329	74	100	Calm 0	W 1	10	10	·110	
26	29·712	29·868	55·0	49·0	45·0	56·0	·346	·322	80	93	NW 2	NW 1	7	10	·100	≡ 9*p*.
27	30·080	30·248	54·5	46·2	44·7	58·0	·296	·264	70	86	N 1	NE 1	10	3	—	
28	·215	·073	52·9	56·0	43·0	59·0	·301	·449	75	100	SW 2	SW 3	7	10	·800	
29	30·045	30·033	54·0	55·0	40·0	60·0	·361	·433	86	100	SW 2	SW 2	10	10	—	≡ *a*. and *p*.
30	29·870	29·812	56·0	54·5	53·5	59·0	·449	·425	100	100	SW 3	NW 2	10	10	2·050	≡ 9*p*.
31	29·469	29·660	59·0	54·0	53·0	60·0	·500	·408	100	97	SW 6	W 3	10	10	·090	
Means	30·051	30·061	58·4	53·7	48·8	64·1	·388	·383	79·9	91·8	2·0	1·4	6·6	6·7	4·380	

BABBACOMBE.

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

JULY 1881.

Day.	Barometer at 32° and M. S. L. 9 a.m.	9 p.m.	Air Temperature. 9 a.m.	9 p.m.	Min.	Max.	Tension of Vapour. 9 a.m.	9 p.m.	Relative Humidity. 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	30·008	30·050	59·0	57·0	53·9	69·1	·473	·377	95	81	SW 3	WNW 1	10	3	—	☽ n. and p.
2	·144	·164	64·1	59·0	51·1	72·5	·430	·385	72	77	NE 2	WNW 1	6	3	—	○ a. and p. ☽ p.
3	·193	·249	68·3	62·4	51·9	76·9	·374	·494	53	88	WSW 3	SW 1	4	2	—	☽ n. and p.
4	·283	30·247	66·7	60·3	57·1	73·1	·522	·496	81	95	NE 1	NNE 2	1	1	—	☽ 2 n. and p. ≋ 10a.—1p.
5	30·137	29·871	65·2	60·9	57·1	68·6	·520	·449	84	85	ENE 2	WSW 2	10	10	·140	≋ 10a.–11.30a. T in SE. 7p. ☾ 7.45p. [—10p. Nearest ∠ 1 mile off, 8.12p.
6	29·832	30·126	59·9	51·9	51·9	64·3	·430	·302	84	79	NW 4	W 4	9	1	—	∠ in E. till 1a. T 0 0.30a. ☾ > 2 miles
7	30·191	30·142	57·8	54·8	45·9	65·2	·329	·346	69	81	W 3	SW 2	9	10	·020	[off, 4a. T 7a. and 10a. ☽ p.
8	·005	29·969	55·9	53·2	51·7	59·5	·373	·377	84	93	SSW 2	E 1	10	9	·100	
9	·064	30·068	59·1	55·9	47·9	67·7	·389	·400	78	90	NE 1	WSW 2	4	5	—	☽ p. ☿ 10p.—10.30p.
10	·218	·267	65·7	56·9	52·1	74·6	·348	·389	55	84	WNW 2	WSW 3	5	7	—	after 10p.
11	·220	·119	65·2	58·4	53·7	70·9	·457	·421	74	86	S 3	E 1	3	0	—	☽ n. and p.
12	·097	·244	68·8	56·9	52·2	75·5	·443	·345	63	75	WNW 1	WNW 2	1	3	—	☽ 2 n. ○ 2.15p.—2.30p. ☽ 0 p.
13	·301	·336	66·8	62·9	50·8	77·2	·431	·494	66	87	W 2	Calm 0	5	1	—	n. and p. [11.45p.
14	·335	·232	62·8	59·2	52·8	67·7	·470	·470	82	94	ENE 1	Calm 0	4	1	—	n. ≋ 10a.-Noon. ☽ 2 p. ☿ 0
15	·116	·092	73·9	63·1	55·0	82·8	·524	·427	62	75	N 2	NW 3	2	2	—	☿ till 0.15a. ☽ 2 n. ○ 0 0.15a. ∠ 0
16	·099	·120	68·9	63·1	57·9	77·5	·494	·480	70	84	ENE 1	WNW 3	1	3	—	[in SSE. 11.13p. ∠ in SSE. early a. ∞ 8a.—3p. ☽ 0
17	·161	·090	67·1	63·5	54·9	77·3	·425	·415	64	71	ENE 1	W 2	0	0	—	[after 9p. ∞ till 5p. and 8p.–10p. ☽ after 10p.
18	30·057	30·015	64·9	62·3	55·2	76·0	·436	·492	71	88	NE 2	NNE 1	5	1	—	☽ after 8p. ∠ in W. 9p., in NW.
19	29·920	29·903	69·7	60·8	60·7	76·4	·503	·447	69	84	NE 2	NW 3	3	9	·040	[0.30p., in N. 11p. ∠ in N. till 0.30a. ○ 0.15p.
20	29·940	30·010	65·9	55·9	52·9	70·6	·396	·346	62	78	NNW 2	NW 2	6	0	—	
21	30·069	30·069	61·8	55·0	52·7	67·8	·360	·311	65	72	E 1	NW 2	3	7	—	☽ 0 p.
22	29·986	29·971	59·7	57·9	51·4	69·7	·433	·379	85	80	SW 4	W 4	10	8	—	n.
23	·998	·977	65·7	60·4	56·0	73·0	·480	·487	77	94	WSW 3	SW 3	9	10	·010	
24	·922	·862	64·8	55·3	55·3	67·7	·485	·351	80	80	WSW 3	WSW 3	10	9	—	
25	·800	·637	60·6	51·8	49·3	62·7	·324	·361	62	93	WSW 3	Calm 0	10	10	·120	
26	29·696	29·902	58·9	53·8	48·3	66·5	·381	·356	77	85	NW 2	WSW 2	7	5	·010	
27	30·054	30·211	63·2	53·9	52·2	68·2	·353	·297	61	72	NW 2	NW 2	4	0	—	
28	·232	·075	63·1	58·8	46·0	68·3	·375	·422	65	85	SSE 2	SW 5	1	10	·140	○ 11a.—11.30a.
29	30·049	30·027	66·8	59·9	57·1	71·7	·443	·464	67	91	W 4	WSW 3	9	9	·080	☽ after 8p.
30	29·849	29·801	58·9	59·1	58·0	56·6	·487	·459	99	92	SSW 3	SW 4	10	10	·710	Scotch ≋ 8.30a.—9.30a.
31	29·481	29·678	62·2	57·4	57·4	65·6	·556	·415	99	88	SSW 6	NW 1	10	8	·090	↙ (gale) with squalls mid-day. ☽
Means	30·047	30·049	63·9	58·1	53·2	70·7	·434	·408	73·4	84·1	2·4	2·1	5·8	5·1	1·460	[after 8p.

Observer remarks:—Mean sea temperature 60°·2.

ST. AUBIN'S, JERSEY.

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

JULY 1881.

1	30·094	30·093	62·4	55·2	55·2	67·4	·439	·395	78	91	W 2	Calm 0	2	0	—	Extremely fine. Highest sunshine record
2	·130	·206	61·0	58·0	53·6	70·0	·439	·393	82	81	NNE 1	E 2	9	0	—	☽ a. Very fine p. [yet obtained. ☽ p.
3	·285	·319	67·7	58·1	54·4	72·3	·451	·420	66	86	Calm 0	Calm 0	6	0	—	Extremely fine. [midity 36% at 7p.
4	·339	30·281	69·5	68·1	55·0	76·8	·471	·303	65	43	Calm 0	Calm 0	1	0	—	☽ a. Perfect summer weather. Hu-
5	30·133	29·884	78·5	71·2	67·2	82·6	·417	·564	43	73	E 1	SE 1	7	0	·021	Hottest morning since Aug. 17, 1876. [T 0 3p. ● 4p. ∠ 0 10p.
6	29·921	30·197	63·7	55·4	55·4	71·2	·513	·361	87	83	W 2	WNW 2	10	0	·034	≋ a. Very cloudy. Cold breeze.
7	30·275	·230	61·6	54·2	53·7	66·0	·346	·353	64	84	WNW 2	W by N 1	2	3	—	Fine and bright, but cool.
8	·074	·000	59·0	56·6	53·7	64·4	·391	·391	78	85	S by W 1	SE 1	10	10	·155	
9	·005	·153	59·4	57·0	54·9	67·3	·468	·434	93	93	Calm 0	SW 2	10	10	·015	
10	·285	·341	63·8	55·1	55·1	67·7	·431	·402	73	92	NW 2	Calm 0	4	4	—	Very fine from 7a. ☽ 0 p.
11	·304	·151	66·1	68·2	53·4	74·8	·448	·467	71	67	S by E 2	Calm 0	2	0	—	☽ a. Perfect summer day.
12	·143	·277	69·1	58·6	58·0	72·8	·497	·458	70	94	NW 1	NW 1	6	0	—	Very fine. ☽ p.
13	·382	·395	66·7	58·7	53·0	69·9	·459	·456	70	93	NW 2	Calm 0	3	2	—	☽ a. and p. Day extremely fine.
14	·355	·334	72·3	67·2	56·8	80·5	·517	·480	65	72	NE 1	NE 3	0	1	—	☽ 0 a. Perfect summer weather.
15	·131	·088	80·2	68·5	66·3	87·7	·533	·523	51	75	Calm 0	NW 2	0	2	—	Hottest day known at this station. [Temp. 87·7 at 11a., with humidity
16	·118	·139	74·0	61·2	60·8	80·4	·510	·507	60	94	N 2	NW 3	0	0	—	[41%. T ∠ from 10p. Very fine, but cooler. ☽ 0 p.
17	·170	·143	73·3	62·2	58·4	78·0	·512	·424	63	76	Calm 0	Calm 0	0	0	—	∞ (purple) a. Extremely fine day.
18	30·111	30·049	74·5	66·0	58·3	80·5	·449	·292	52	45	Calm 0	NNE 2	0	2	—	Humidity 40 %, 1p. ∠ 0 p. Stars
19	29·917	29·897	73·0	64·7	61·3	77·3	·443	·485	54	80	N 3	N 2	3	8	·010	[twinkling. ☿ 0 from 1p.
20	30·009	30·028	60·5	57·7	57·2	68·0	·389	·425	74	89	NW 2	Calm 0	10	0	—	☽ 0 p.
21	·057	·105	65·3	54·7	54·2	69·0	·402	·333	65	77	NE 2	Calm 0	6	0	—	Extremely fine p.
22	·113	·084	62·4	61·2	52·8	67·1	·394	·500	70	93	SW 3	SW 3	10	10	·047	
23	·105	30·089	62·0	61·0	58·4	70·3	·494	·470	89	88	SW 2	W by N 3	10	7	·003	
24	30·033	29·980	65·0	60·4	59·2	68·7	·534	·445	87	85	SW 3	W 3	9	10	·023	
25	29·895	·665	60·2	55·2	54·0	61·0	·360	·416	69	96	W by N 1	E 1	10	10	·915	[day. ∠ in SE. 11p.
26	29·721	29·666	62·0	57·1	51·3	65·7	·383	·355	69	76	NW 3	W by N 2	4	0	—	Bar. 29·524, with ● 2 2.30a. Very fine
27	30·093	30·229	62·2	55·0	54·4	68·0	·405	·359	73	83	NW 2	Calm 0	7	0	—	Very fine day. ☽ 0 p.
28	·295	·207	65·4	58·5	51·7	69·6	·392	·386	63	78	S 2	Calm 0	1	0	·007	☽ a. Day very fine. Wheat harvest
29	30·157	30·106	60·6	60·3	57·9	63·9	·496	·487	94	93	SW 2	Calm 0	10	3	·083	Gloomy day. ☽ p. [begun.
30	29·984	29·938	62·0	61·0	58·3	65·9	·494	·477	89	89	SW 3	SW 1	10	10	·170	Overcast day.
31	29·740	29·756	62·8	63·4	60·0	66·3	·523	·570	91	98	SSW 3	W 3	10	10	·207	Warm, gloomy, squally, and wet,—the [worst weather of the month.
Means	30·112	30·104	66·0	60·3	56·6	71·3	·452	·430	71·5	82·3	1·6	1·2	5·5	3·3	1·690	

Earth temperature:—Mean of 11 readings at 9a. (every third day), at 1 foot 65°·64; 3 feet 65°·60; 6 feet 58°·45.

LONDONDERRY.

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

JULY 1881.

Day.	Barometer at 32° and M. S. L. 9 a.m.	9 p.m.	Air Temperature. 9 a.m.	9 p.m.	Min.	Max.	Tension of Vapour. 9 a.m.	9 p.m.	Relative Humidity. 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	29·851	30·111	56·7	53·7	50·0	61·0	·378	·317	82	77	WSW 3	W 1	9	10	·010	
2	30·103	29·859	60·7	54·7	51·2	63·8	·360	·391	68	92	WSW 2	SW 4	6	10	·130	
3	29·931	29·943	58·8	59·7	54·2	66·0	·434	·487	88	95	SW 4	SW 5	10	10	·040	
4	30·021	30·146	60·9	57·2	54·8	67·4	·462	·400	87	85	SW 4	SW 1	10	10	·040	
5	30·043	29·817	66·2	64·1	54·1	74·0	·523	·488	82	82	SW 1	SSW 1	10	8	·020	
6	29·826	·963	52·7	50·0	46·9	65·0	·362	·284	91	79	WNW 3	NW 2	10	8	·100	Cold for the season.
7	·948	·962	55·6	53·8	48·2	60·1	·408	·391	92	94	W 2	W 1	10	10	·080	Dull and damp.
8	·933	·960	58·7	54·8	48·0	65·0	·381	·387	77	90	SW 1	E 1	10	8	—	
9	29·897	·930	58·3	53·7	45·8	61·3	·395	·384	80	93	S 3	SW 3	10	10	·110	
10	30·033	·895	58·5	60·2	51·8	63·1	·373	·418	76	80	SSW 2	S 4	10	10	·010	Overcast all day.
11	29·814	·624	64·6	56·7	54·0	68·8	·481	·381	80	83	SSW 4	SW 3	10	8	·150	
12	29·994	29·930	62·5	57·7	48·8	64·6	·369	·395	66	82	SW 3	SW 5	7	10	·050	
13	30·055	30·083	60·9	60·0	56·0	64·4	·358	·482	67	93	WSW 4	SW 4	8	10	·040	
14	·116	·042	65·7	61·2	58·0	72·5	·436	·465	70	86	WSW 4	SW 2	1	1	·010	Fine all day.
15	·037	·171	58·8	53·7	51·0	64·4	·439	·338	89	82	NW 2	N 1	10	5	—	Fine all day.
16	30·197	30·170	54·8	53·7	46·2	63·4	·351	·343	82	83	W 1	E 1	10	10	·220	
17	29·913	29·845	56·7	60·7	51·8	66·0	·433	·504	95	95	SW 3	SW 2	10	10	·070	
18	·909	·929	59·0	53·7	52·5	67·1	·391	·379	78	92	SW 2	SW 1	10	2	—	
19	·868	29·829	58·7	55·7	50·0	67·0	·347	·393	70	88	SW 3	SW 2	9	10	·090	
20	29·833	30·059	56·6	50·1	47·3	59·7	·391	·294	85	81	W 2	NNW 1	8	2	·060	
21	30·064	29·882	61·7	52·7	44·9	63·3	·303	·349	55	88	SW 1	S 2	2	10	·100	
22	29·646	·868	57·3	54·1	51·4	62·1	·399	·356	84	84	WSW 3	W 1	10	10	—	
23	·864	·818	55·9	56·7	48·4	63·8	·380	·409	85	89	S 1	SSW 1	10	10	·330	
24	·712	·569	55·3	50·9	49·8	62·2	·389	·348	89	93	SW 2	WSW 2	10	10	·540	
25	·627	·645	59·8	54·7	50·0	62·0	·379	·360	74	84	NW 2	W 1	8	10	·550	
26	29·696	29·979	56·4	49·7	47·0	62·0	·382	·292	84	83	NNE 1	N 1	9	3	·010	
27	30·109	30·150	59·7	50·7	45·8	64·1	·302	·325	59	88	NNW 1	W 1	2	1	—	
28	29·972	29·691	53·5	57·1	46·2	62·2	·351	·433	86	92	S 3	SW 3	10	10	·210	
29	·794	·763	56·7	56·7	53·6	61·2	·378	·373	82	81	W 2	S 2	10	10	·070	
30	·642	·575	55·0	54·5	51·2	63·4	·375	·334	87	78	SW 2	SW 2	10	9	·010	
31	29·436	29·597	56·6	53·7	48·0	64·8	·403	·338	87	82	E 1	W 2	6	9	—	
Means	29·899	29·907	58·5	55·4	50·2	64·4	·391	·382	79·9	86·3	2·4	2·0	8·5	8·2	3·050	

MARKREE CASTLE.

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

JULY 1881.

1	29·843	30·124	60·1	51·3	50·9	61·9	·402	·324	78	85	WNW 2	NW 1	10	10	—	
2	30·111	29·875	58·0	54·9	49·3	59·7	·375	·379	78	89	SW 2	WSW 5	10	10	·058	
3	29·942	29·878	60·2	59·8	54·2	70·4	·485	·459	94	90	Calm 0	SW 4	10	10	·014	
4	30·055	30·126	62·5	56·1	55·5	62·5	·483	·424	86	93	SW 3	Calm 0	10	10	·025	
5	29·995	29·824	64·0	56·1	55·4	71·4	·529	·382	89	84	SW 1	WSW 2	10	10	·023	
6	29·898	30·023	53·7	50·3	49·1	56·5	·314	·309	77	85	WNW 5	WNW 2	10	10	·020	∠ 11p.
7	30·006	29·965	55·2	52·1	48·2	60·4	·404	·365	93	93	Calm 0	Calm 0	10	10	·147	
8	29·914	·941	58·1	53·3	49·5	64·7	·441	·367	90	90	Calm 0	Calm 0	10	8	·005	
9	29·874	·977	55·9	54·0	47·3	61·2	·392	·337	88	81	SSE 1	NNW 1	10	10	·015	
10	30·018	·897	57·0	60·0	47·2	64·1	·431	·459	92	89	S 2	SSW 4	10	10	·005	
11	29·800	·937	62·0	55·3	54·9	64·4	·542	·375	98	86	S 4	Calm 0	10	10	·018	
12	30·002	29·941	58·6	57·0	46·3	65·4	·389	·431	79	92	SSW 1	SW 5	10	10	·042	
13	·068	30·117	63·0	59·4	56·2	70·2	·449	·437	78	87	SW 2	SSE 2	7	10	—	
14	·147	·053	62·8	63·2	57·3	69·2	·468	·500	82	86	SSE 3	SSE 3	8	8	·008	
15	·045	·149	59·0	51·1	50·8	61·9	·455	·340	92	90	NW 3	Calm 0	10	1	—	☽ 2 qp.
16	30·183	30·129	56·7	54·4	37·5	64·0	·338	·345	74	82	Calm 0	Calm 0	10	10	·054	≋ 2 in past n.
17	29·928	29·872	59·0	61·0	53·3	67·6	·474	·506	95	95	SSE 2	SW 1	10	10	·024	
18	·906	·922	59·1	55·1	54·6	70·4	·415	·329	83	76	SSW 1	Calm 0	7	10	—	
19	·866	29·832	61·2	56·1	49·6	66·4	·344	·398	64	88	SSW 2	SW 2	8	10	·050	
20	29·890	30·064	55·0	48·8	48·3	59·2	·359	·296	83	86	WNW 3	Calm 0	10	5	·008	
21	30·059	29·828	57·0	53·1	41·3	62·6	·366	·351	66	86	Calm 0	SSW 4	10	10	·013	
22	29·694	·901	58·0	51·7	51·1	59·4	·401	·342	83	89	WSW 3	Calm 0	10	6	·019	
23	·816	·813	55·1	57·0	48·3	67·6	·405	·411	93	88	S 2	S 1	10	10	·006	
24	·678	·656	55·1	49·6	49·3	60·4	·380	·319	87	90	S 1	WNW 3	10	10	·416	
25	·663	·667	54·7	51·7	48·9	60·4	·355	·319	84	83	WNW 2	NW 2	10	6	·080	
26	29·674	29·991	55·8	49·9	47·7	62·2	·396	·292	89	82	NW 2	Calm 0	8	1	·050	
27	30·130	30·148	56·6	47·6	39·6	60·4	·318	·295	69	90	NNW 2	Calm 0	3	8	·072	☽ 2
28	29·903	29·734	52·1	57·2	42·3	65·4	·365	·434	93	93	SSW 2	Calm 0	10	10	·133	
29	·829	·778	57·8	56·3	54·6	63·2	·383	·390	80	86	WNW 3	SW 3	10	10	·019	
30	·657	·591	54·6	52·7	52·1	64·4	·383	·320	90	81	Calm 0	Calm 0	10	8	—	
31	29·416	29·631	57·4	52·3	42·3	60·9	·350	·334	74	85	N 2	N 2	9	6	—	
Means	29·904	29·916	57·9	54·5	49·4	63·8	·404	·373	83·9	87·1	1·8	1·5	9·4	8·6	1·324	

DUBLIN.

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

JULY 1881.

Day.	Barometer at 32° and M. S. L. 9 a.m.	9 p.m.	Air Temperature. 9 a.m.	9 p.m.	Min.	Max.	Tension of Vapour. 9 a.m.	9 p.m.	Relative Humidity. 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	29·890	30·100	60·9	59·1	55·4	65·7	·404	·384	76	76	W by S 3	WNW 2	7	8	—	
2	30·178	·002	58·1	59·1	50·1	64·3	·344	·336	71	68	SW 1	WSW 4	8	9	—	Partial ○ *a.* [gale), *p.* Very warm.
3	29·997	·056	65·2	68·9	57·0	73·4	·485	·544	79	77	W by S 5	W by S 6	7	8	—	Warm *a.* Cloudy. ⸝, with squalls (mod.
4	30·085	30·170	71·0	69·3	65·0	75·6	·557	·558	73	83	W by S 6	S W by W 2	4	10	—	⸝, with squalls, *a.* and *p.* Hot sunshine.
5	30·066	29·849	67·7	64·1	64·1	75·5	·525	·508	77	85	E S E 1	Calm 0	7	8	·287	Sultry with ∞. ♈ [2] ● [2] 3*p.* ♈ 4.15*p.* [and 6*p.*
6	29·858	30·027	55·5	52·8	52·2	65·5	·347	·279	79	70	W N W 5	W N W 4	10	7	·010	● ⸝, with squalls, *a.* Cool. ⌒ 8*p.*
7	30·035	30·014	57·0	55·9	49·8	60·2	·369	·369	79	83	W 4	W S W 2	10	10	·140	
8	29·939	29·959	58·4	56·8	52·1	62·2	·394	·411	80	89	S E 2	S E 1	5	4	—	
9	29·954	29·983	59·3	57·8	53·5	64·4	·409	·372	81	78	S W 2	W by N 3	10	6	·010	
10	30·105	30·045	59·1	59·2	53·7	68·6	·384	·381	76	76	W S W 5	W 2	10	4	—	
11	29·974	29·996	68·9	60·8	57·9	70·7	·474	·434	67	82	S W 4	S W 2	1	10	·010	Very fine and warm. ⸝ *a.* and *p.*
12	30·069	30·082	62·2	61·6	55·1	67·4	·368	·379	66	70	W S W 3	W S W 2	3	7	—	Very fine *a.* Cloudy *p.* [∞.
13	·140	·190	64·1	67·0	59·4	73·2	·463	·549	78	83	W by S 6	W S W 3	7	3	—	⸝, with squalls, *a.* and *p.* Very warm.
14	·215	·139	67·5	65·4	59·5	75·4	·456	·461	68	74	E 1	W 3	0	0	—	≋ [9] (mist) *a.* Day brilliant and hot.
15	·082	·142	69·1	58·7	58·1	71·4	·465	·379	65	76	W S W 4	N E 3	3	9	—	Rapid fall of temp. *p.*
16	·198	30·174	59·2	57·9	56·1	64·7	·370	·326	74	68	E by S 2	E S E 2	10	7	—	Very fine all day.
17	30·048	29·930	63·4	67·0	56·3	76·6	·438	·515	75	78	E 1	W S W 3	10	1	—	Warm, bright with ⸝ *p.*
18	29·953	·967	66·2	64·1	63·6	70·4	·500	·445	78	75	W S W 3	S W 3	9	8	·132	
19	·927	29·892	60·3	58·2	55·4	66·7	·389	·345	75	71	W S W 3	W S W 2	5	1	—	Perfect ○ Noon.
20	29·880	30·041	60·9	55·9	54·7	64·6	·359	·296	67	65	W 4	W N W 2	4	1	·032	
21	30·095	29·956	56·0	57·0	46·2	61·3	·308	·334	68	72	W S W 2	S 3	7	8	—	
22	29·743	·895	59·9	57·3	55·9	67·3	·424	·348	83	74	W S W 3	W N W 3	10	4	—	Brilliant sunset.
23	·901	·859	58·0	60·9	54·3	66·6	·390	·435	81	82	S E 2	W S W 1	10	8	·089	Brilliant and warm *p.*
24	·785	·678	58·2	52·9	51·8	64·8	·387	·310	80	77	W S W 3	W N W 6	7	2	·188	Very fine *a.* Bar. 29·620, temp. 51·8,
25	·675	·643	56·7	55·6	50·0	63·7	·513	·362	67	81	W N W 4	W 3	2	8	·021	[● [2] 1.15*p.* ♈ ▲ to S. 4.30*p.*
26	29·685	29·932	56·3	53·9	48·1	60·6	·346	·364	75	88	N W 4	N by W 3	9	7	·280	Distant ♈ 11*a.* Distant ♈ ● [2] 6*p.*
27	30·124	30·162	55·1	55·7	44·8	63·7	·306	·336	70	75	N by W 2	W N W 1	4	2	—	Very cold last *n.*
28	30·054	29·805	60·1	60·9	48·2	66·6	·318	·443	62	84	S S W 3	W S W 5	9	7	·030	⸝, with squalls, *a.* and *p.* Bar. 29·779
29	29·866	·886	61·1	58·7	57·0	65·9	·421	·390	78	78	W 4	S W 3	10	6	·010	∞ *p.* [6*p.*
30	·745	·634	59·7	57·3	55·8	65·4	·377	·369	73	79	S W 3	S W 2	10	8	·601	● [2] 3*p.* ⌒ 5*p.*
31	29·373	29·631	54·9	55·2	53·9	63·5	·404	·323	94	74	N E 3	W N W 2	10	0	·023	● [2] *n.* ● [0] *a.* Very fine after 1*p.*
Means	29·956	29·963	61·0	59·5	54·7	67·3	·409	·396	74·7	77·1	3·1	2·7	7·0	5·8	1·863	

PARSONSTOWN.

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

JULY 1881.

1	29·903	30·142	57·9	51·7	51·7	63·0	·393	·317	81	83	W 1	N N W 1	10	5	—	
2	30·173	·001	56·5	57·7	44·4	62·2	·341	·358	74	75	W S W 0·5	S W 2	8	10	·020	
3	·031	·094	61·7	62·9	57·3	69·0	·486	·514	89	90	W 2	S W 7	10	10	—	
4	·135	30·174	63·7	63·0	62·8	67·2	·529	·551	90	96	S W 3	S W 1	10	10	·008	
5	30·060	29·871	64·3	61·7	61·5	75·0	·524	·477	87	87	S W 1	W 2	10	10	—	
6	29·943	30·091	55·3	51·0	51·0	62·0	·316	·292	72	78	N W 4	W N W 2	6	8	—	
7	30·090	30·028	55·5	54·5	49·0	59·5	·370	·342	84	80	W 2	W S W 2	8	10	·200	
8	29·914	29·956	59·1	56·3	50·4	62·2	·376	·412	75	90	S E 1	S E 0·5	8	10	·186	
9	29·929	30·043	57·7	54·6	52·0	60·6	·425	·352	89	82	S S W 1	W N W 1	10	10	·008	
10	30·093	30·012	58·0	59·0	52·8	67·8	·388	·407	80	82	S W 2	S S W 5	10	8	·010	
11	29·931	29·991	63·7	55·9	55·7	65·9	·491	·420	83	94	S 5	S 0·5	10	10	·318	
12	30·077	30·088	60·0	59·0	50·0	65·1	·392	·380	76	76	S 1	S W 3	4	9	·010	
13	·162	·206	60·9	62·5	57·9	70·4	·462	·513	87	91	S W 2	S S W 1	10	10	·016	
14	·200	·132	66·3	60·4	59·5	74·0	·461	·445	71	85	S S W 1	S S W 1	4	0	—	
15	·087	·170	63·5	57·7	55·0	68·8	·489	·384	83	80	S S W 1	N W 0·5	10	10	—	
16	·205	30·149	59·5	58·5	53·2	67·6	·347	·381	69	77	N W 0·5	Calm 0	4	6	—	≋ [0] (mist) *gp.*
17	30·024	29·940	64·0	67·5	57·9	75·9	·477	·545	80	81	S W 1	S W 2	8	10	·008	
18	29·954	·975	61·5	56·9	56·8	67·9	·442	·392	81	85	W 1	W S W 1	6	9	—	
19	·921	29·907	61·0	55·8	55·6	65·2	·397	·367	75	82	S W 1	W S W 3	4	7	·006	
20	29·919	30·089	58·5	50·4	50·4	63·5	·368	·287	75	79	W N W 2	N W 0·5	9	0	—	
21	30·096	29·927	57·3	53·6	40·9	61·5	·281	·363	60	88	W S W 1	S 2	5	10	·020	
22	29·770	·935	58·3	55·9	53·2	65·2	·414	·354	84	79	W S W 4	W 2	10	7	·025	
23	·872	·881	56·7	56·7	48·6	68·2	·430	·392	94	85	S 1	W S W 1	10	3	·058	
24	·766	·749	56·9	51·4	49·0	60·7	·375	·307	81	81	S S W 2	S S W 5	10	4	·280	
25	·922	·676	55·3	54·5	46·0	62·6	·321	·374	73	88	W S W 2	N W 0·5	8	10	—	
26	29·747	29·987	58·9	54·5	45·0	62·5	·349	·368	70	87	W N W 2	N N W 1	4	10	·142	▲ *p.*
27	30·154	30·179	57·4	57·2	41·0	65·6	·317	·283	67	60	N N W 1	W N W 0·5	4	8	·125	
28	29·965	29·819	54·5	58·0	52·4	68·8	·393	·448	93	92	S E 1	S W 4	10	10	·114	
29	·890	·893	58·7	56·0	55·1	62·9	·390	·365	78	81	W 3	S S W 0·5	10	10	—	
30	·717	·636	57·8	54·3	53·8	62·6	·394	·382	82	90	S W 2	Calm 0	10	10	·363	
31	29·405	29·677	54·4	51·7	51·7	65·0	·376	·324	89	85	N N W 1	N W 1	10	0	—	
Means	29·963	29·981	59·2	56·8	52·3	65·8	·404	·390	79·7	83·5	1·7	1·7	8·1	7·9	1·917	

DUNROBIN CASTLE.

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

AUGUST 1881.

Day.	Barometer at 32° and M. S. L. 9 a.m.	9 p.m.	Air Temperature. 9 a.m.	9 p.m.	Min.	Max.	Tension of Vapour. 9 a.m.	9 p.m.	Relative Humidity. 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	29·580	29·932	55·0	51·3	47·5	59·6	·332	·289	77	77	S	S W	—	—	·060	
2	·986	·789	57·4	57·4	42·2	61·4	·472	·360	100	76	W	S W	—	—	·150	Mild.
3	·674	·963	61·9	56·7	44·5	62·6	·361	·331	66	72	W	W	—	—	—	Clear and sunny.
4	·948	·924	53·7	63·4	45·7	68·8	·373	·517	90	89	W	N W	—	—	·130	Dull and cloudy, with ●.
5	·648	·513	61·4	57·0	45·7	64·4	·420	·351	78	75	E	S	—	—	—	Mild, cloudy, and windy.
6	·627	·842	59·4	56·7	43·7	64·4	·389	·324	77	71	W	S W	—	—	·140	Cloudy and windy.
7	·727	·476	58·4	59·4	53·6	59·4	·402	·417	82	83	S W	S	—	—	—	Dull. ≋ [9] (mist).
8	·583	·635	56·3	52·3	52·3	60·6	·349	·307	77	78	N E	W	—	—	—	
9	·658	·707	55·0	50·5	49·6	61·4	·318	·329	74	90	W	W	—	—	—	Dull.
10	·572	·656	56·5	50·5	47·6	59·9	·323	·317	71	87	S W	W	—	—	·080	Cold wind.
11	·685	·691	55·5	50·5	46·7	59·6	·333	·260	76	71	W	N W	—	—	—	Cloudy and cold.
12	·587	·555	50·5	51·3	46·7	54·0	·293	·307	80	81	N W	N W	—	—	·060	Dull, cold, and cloudy.
13	·553	·705	54·5	53·3	50·6	58·6	·347	·318	82	78	N W	W	—	—	—	Dull, mild, and cloudy.
14	·708	·740	54·0	51·5	51·1	61·2	·327	·335	78	88	W	W	—	—	—	Fine *a.* Dull *p.*
15	·742	·688	58·9	52·5	51·1	60·2	·373	·354	76	90	W	N W	—	—	—	
16	·601	·495	54·5	53·3	51·1	56·9	·368	·370	87	91	E	N E	—	—	·120	Overcast and windy.
17	·448	·484	53·5	50·3	49·6	55·0	·354	·349	87	96	E	N E	—	—	·100	Overcast.
18	·530	·638	57·4	50·5	46·7	59·4	·340	·342	72	94	N E	N E	—	—	·170	Cloudy and mild.
19	·584	·485	52·5	50·5	47·6	53·3	·342	·322	87	88	N E	N E	—	—	·050	
20	·585	·739	57·0	48·0	45·7	59·6	·304	·285	65	86	N W	W	—	—	—	
21	·773	·806	53·5	48·0	43·7	59·2	·301	·297	74	90	W	W	—	—	—	Very fine.
22	·820	·862	55·3	50·3	43·9	60·6	·330	·324	76	89	W	W	—	—	·060	Fine.
23	·871	·770	56·5	52·7	40·7	58·2	·346	·378	76	95	S	N E	—	—	—	Fine.
24	·682	·735	55·5	50·5	48·6	56·0	·358	·317	81	87	E	E	—	—	—	Fine.
25	·691	·434	53·5	50·5	46·2	57·9	·329	·304	80	83	E	S E	—	—	·500	
26	·178	·459	48·5	48·5	40·7	55·5	·292	·270	87	80	E	N E	—	—	·160	Dull with ●. *a.* Fair *p.*
27	·561	·728	53·5	47·7	44·7	57·2	·283	·282	70	86	S W	N W	—	—	—	Fine but cold.
28	·803	29·917	54·5	46·4	45·7	56·4	·295	·271	70	87	W	W	—	—	·020	Fair but cold.
29	29·970	30·018	55·0	49·0	40·9	55·5	·309	·287	72	83	S W	S W	—	—	·040	Fine and clear.
30	30·089	·241	50·3	48·5	44·9	53·5	·262	·297	72	88	N W	W	—	—	—	Dull and cold.
31	30·349	30·391	49·7	49·3	45·9	53·3	·262	·267	74	76	N W	N W	—	—	—	Dull and cloudy.
Means	29·704	29·743	55·1	51·9	46·6	58·8	·338	·325	77·9	84·0	—	—	—	—	1·840	

BRAEMAR.

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

AUGUST 1881.

1	29·571	29·845	50·9	47·3	44·3	56·8	·271	·261	73	81	W 1	N W 1	6	6	—	
2	·954	·860	47·8	53·7	33·4	61·2	·317	·298	95	73	S 2	S W 6	4	6	·040	
3	29·604	·922	55·5	52·2	51·5	62·9	·328	·297	75	76	S W 8	S W 8	7	4	—	Fair *a.* ⸝ all day.
4	30·041	·927	52·8	63·2	49·0	68·7	·372	·456	93	79	W 0·5	S W 1	9	3	·020	Fair but dull.
5	29·723	·560	56·2	53·8	48·9	63·2	·402	·315	89	76	S 6	S W 0·5	8	7	·120	Showery.
6	·682	·922	55·2	51·8	51·0	61·2	·328	·283	75	74	S W 6	S W 2	7	8	—	
7	·742	·563	59·1	56·6	51·4	64·5	·348	·420	70	91	S W 2	S W 8	7	10	·150	Fair *a.* ● *p.*
8	·566	·542	55·2	50·0	49·7	62·9	·355	·317	82	88	S W 2	N E 6	4	8	—	
9	·596	·670	50·8	52·7	43·6	55·8	·290	·231	78	59	S W 1	N E 0·5	8	6	·010	● [0] showers.
10	·530	·592	52·6	49·2	40·6	54·3	·261	·281	66	80	S W 1	N W 1	7	7	·270	Cold day, with ●.
11	·649	·724	51·5	46·4	45·6	56·7	·265	·217	70	70	S W 1	N W 1	5	4	·060	● showers.
12	·583	·527	48·5	47·9	44·5	53·2	·255	·260	75	79	N W 2	S W 2	5	6	·020	● showers.
13	·517	·665	52·1	51·5	47·5	56·5	·304	·317	78	83	W 1	E 0·5	8	8	·020	● showers.
14	·640	·745	54·7	50·7	47·5	58·5	·293	·334	69	90	W 2	S W 2	6	7	—	
15	·699	·657	54·8	53·2	46·8	60·5	·316	·358	74	89	W 0·5	E 0·5	7	9	·400	
16	·564	·477	51·2	50·5	46·3	57·8	·333	·347	89	95	E 0·5	S W 0·5	0	10	·090	Fine *a.* ● *p.*
17	·388	·458	49·1	47·7	47·2	53·8	·329	·289	94	88	N E 0·5	S W 4	10	9	—	Dull.
18	·512	·598	50·8	49·3	42·3	57·8	·296	·318	80	91	N W 1	N E 1	7	7	·050	● showers.
19	·522	·414	45·8	45·9	36·1	53·8	·274	·256	89	84	E 0·5	N E 0·5	7	9	·150	● showers.
20	·589	·757	50·7	45·8	44·6	53·3	·245	·257	67	84	N W 3	W 1	6	7	·020	● showers.
21	·735	·787	48·2	48·3	38·5	55·5	·279	·318	84	95	S W 0·5	S E 1	6	8	·090	● showers.
22	·779	·847	51·2	46·5	37·7	61·5	·297	·270	79	87	E 0·5	N 0·5	5	4	—	
23	·837	·679	48·5	48·8	31·4	56·2	·263	·320	77	93	N 0·5	N E 0·5	3	8	·260	
24	·584	·700	49·5	44·6	44·6	51·5	·326	·273	93	93	N E 2	N E 0·5	10	7	·030	
25	29·629	·284	51·2	45·4	38·1	55·5	·264	·285	70	94	N E 1	N E 1	7	10	2·560	
26	28·994	·394	46·4	44·4	44·1	51·5	·304	·224	96	76	N E 8	W 4	10	7	·130	
27	29·569	·700	47·3	45·3	41·3	51·3	·244	·261	75	87	N W 0·5	W 1	7	7	·100	● showers.
28	·808	·919	47·5	43·4	42·0	49·6	·239	·262	73	93	S W 2	S W 1	6	6	·230	
29	29·916	29·969	46·5	41·8	35·6	56·8	·249	·241	80	92	S W 0·5	E 0·5	3	2	·020	
30	30·058	30·195	45·6	44·4	33·6	50·7	·254	·226	83	77	N E 2	N E 1	6	7	·020	
31	30·281	30·382	45·3	43·6	43·3	47·2	·244	·238	81	84	N E 2	N E 0·5	4	7	—	Fine but cold.
Means	29·673	29·719	50·7	48·9	43·3	56·8	·295	·291	79·7	83·9	2·0	1·9	6·3	6·8	4·860	

LAUDALE.

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

AUGUST 1881.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	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	29·689	29·931	52·8	51·2	48·3	60·4	·345	·283	80	75	WNW 5	WNW 2	8	10	·010	≋0 (mist) *a.* and *p.*
2	·981	29·717	55·0	52·1	45·5	63·8	·362	·376	84	96	SE 2	S 8	10	10	·860	≋0 (mist) *a.* and *p.* Fine till 1.30*p.*, [then very rough and stormy.
3	29·803	30·025	56·3	56·2	52·0	60·0	·293	·449	65	99	SW 7	SW 4	10	10	·250	Rough and stormy *a.* ≋0 (mist) [*a.* and *p.*
4	30·030	29·933	62·9	64·4	52·2	69·9	·535	·597	94	99	SW 3	S 3	10	10	·340	≋ ● 9*a.*
5	29·675	·609	58·9	54·9	58·2	64·8	·495	·379	99	89	S 5	SW 6	10	10	·860	≋0 (mist) *a.* and *p.* ●0 till 6*p.*, [then ●2.
6	·802	·978	55·0	56·4	54·0	59·8	·381	·324	88	71	WSW 4	WSW 2	10	10	·110	≋0 (mist) *a.* and *p.*
7	·741	·489	59·0	58·0	54·6	61·0	·385	·457	77	94	WSW 5	WSW 4	10	10	1·230	≋0 (mist) *a.* and *p.* ●2 from 1*p.* [to 3 a.m. 8th.
8	·612	·525	57·8	51·0	53·0	61·1	·392	·333	82	89	Calm 0	W 1	9	9	·010	≋0 (mist) *a.*
9	·649	·700	57·6	58·0	47·7	61·2	·356	·404	75	83	W 3	W 1	9	9	·010	∞ 3*p.*
10	·533	·706	54·3	52·0	48·0	58·0	·336	·361	80	93	Calm 0	W 6	10	10	·950	≋0 (mist) *a.* and *p.*
11	·761	·806	54·9	52·2	49·5	59·4	·350	·332	82	85	W 5	W 5	10	9	·010	≋0 (mist) 9*a.*
12	·740	·661	53·8	50·0	49·0	57·2	·292	·334	71	93	W 5	W 4	8	10	·180	≋0 (mist) *p.*
13	·638	·759	53·3	54·0	48·6	56·0	·379	·391	93	94	W 5	W 3	10	10	·100	≋ *a.* and *p.*
14	·796	·808	53·0	58·6	50·1	59·2	·352	·413	87	84	W 3	W 2	10	9	·010	≋0 (mist) *a.* and *p.* ∞.
15	·755	·658	54·0	56·0	50·0	62·1	·344	·340	82	75	Calm 0	Calm 0	8	10	·010	∞ *a.* and *p.* ≋ after 5*p.*
16	·546	·433	55·0	55·8	52·0	57·5	·372	·385	86	86	S 2	S 1	10	10	·150	≋0 (mist) *a.* and *p.* [directions.
17	·372	·452	54·5	56·0	52·0	58·0	·388	·397	91	88	Calm 0	Calm 0	10	10	·090	≋0 (mist) *a.* and *p.* Clouds from all
18	·542	·661	53·3	50·0	49·5	59·6	·341	·265	83	74	SSE 1	Calm 0	10	6	—	≋0 (mist) *a.* Clouds from all direc-
19	·509	·461	52·3	51·0	41·2	56·4	·305	·276	78	74	SSE 1	WNW 2	7	7	·030	⌒ *a.* ⌒ (3 bows) 6.30*p.* [tions.
20	·668	·804	52·3	51·6	44·9	58·2	·344	·278	88	73	WNW 3	W 2	8	9	·130	≋0 (mist) *a.*
21	·758	·800	54·5	46·5	42·6	58·6	·304	·293	72	94	Calm 0	Calm 0	8	2	—	
22	·850	·861	56·2	50·0	38·8	59·1	·319	·291	70	81	NW 2	N 1	2	2	—	
23	·796	·677	53·9	51·3	39·6	61·7	·311	·344	75	91	Calm 0	Calm 0	0	10	·010	☽2 *a.* ∞ *p.*
24	·612	·658	55·0	56·0	49·6	59·2	·344	·365	80	81	ENE 1	ENE 1	9	10	·120	∞ *p.*
25	·592	·208	55·5	58·0	50·4	59·4	·319	·421	73	87	E 5	ESE 5	8	10	·340	
26	·061	·518	52·0	49·2	49·0	58·6	·335	·292	86	84	ESE 1	NW 4	7	7	·130	Clouds very red 6*p.*
27	·657	·765	49·0	49·3	44·9	52·4	·315	·281	91	80	W 2	W 3	8	10	·150	Dark and gloomy. ∞ *p.*
28	·859	·928	49·8	45·0	45·0	54·6	·305	·280	85	94	Calm 0	Calm 0	10	6	·040	≋0 (mist) *p.* Clouds red at sunset.
29	29·908	29·925	51·8	47·8	37·7	60·1	·296	·283	77	86	ENE 2	E 1	0	2	—	Mare's tails W. to E. *a.*
30	30·086	30·218	52·2	46·2	34·0	55·1	·270	·263	70	85	E 2	E 2	3	2	—	
31	30·330	30·358	52·0	48·2	43·9	58·4	·266	·265	69	79	E 2	E 1	2	2	—	
Means	29·721	29·743	54·4	52·8	47·6	59·4	·346	·347	81·3	85·7	2·4	2·4	7·9	8·1	6·130	

DUNDEE.

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

AUGUST 1881.

1	29·610	29·847	57·5	51·4	46·3	62·7	·287	·304	61	80	W 2	N 1	5	5	—	Fine.
2	30·030	29·945	58·5	56·5	43·3	67·7	·323	·320	66	70	SW 1	SW 6	5	10	·300	Fine.
3	29·781	30·023	61·5	55·4	53·2	65·7	·363	·355	67	81	W 10	NW 4	5	5	—	● ☄ (gale) in past *n.* ☄ (gale) to [4*p.*
4	30·086	30·012	56·5	61·5	52·2	70·7	·305	·476	86	87	SW 1	SW 1	10	10	—	Dull.
5	29·792	29·659	66·4	56·5	56·2	70·7	·472	·344	73	75	SW 2	SW 6	10	7	—	
6	·738	·943	60·5	55·4	54·2	67·7	·374	·355	71	81	W 8	W 2	5	10	—	Dull.
7	·806	·597	61·5	57·5	52·2	67·7	·476	·440	87	93	SW 4	SW 6	10	10	·050	● showers 10.30*a.* and from 7*p.*
8	·585	·540	63·5	52·4	52·4	67·7	·420	·366	72	93	SW 2	SE 6	5	10	—	Dull.
9	·591	·687	59·5	52·4	49·2	62·7	·313	·340	62	86	N 2	NW 1	5	10	—	Dull.
10	·597	·624	56·5	51·4	49·2	63·7	·320	·304	70	80	NW 1	NW 1	10	10	·150	● 1*p.*—3.30*p.*
11	·707	·722	56·5	51·4	49·2	62·7	·320	·304	70	80	NW 2	NW 1	5	7	—	Dull.
12	·641	·557	54·4	51·4	45·3	58·7	·253	·304	60	80	NW 6	NW 1	5	10	—	Dull.
13	·542	·659	54·4	52·4	48·2	59·7	·316	·366	74	93	NW 1	NE 1	10	10	·200	
14	·670	·726	56·5	55·4	51·2	66·7	·320	·355	70	81	W 2	W 1	10	10	—	Fine.
15	·730	·678	61·5	54·4	48·2	63·7	·416	·366	77	87	W 1	W 1	5	10	—	Dull *p.*
16	·592	·468	52·4	52·4	45·3	60·7	·366	·394	93	100	SE 1	SE 1	10	10	·500	Dull. ● from 6.30*p.*
17	·379	·428	51·4	48·4	48·2	53·7	·380	·315	100	93	SE 2	NE 1	10	10	·500	
18	·530	·605	55·4	49·4	48·2	65·7	·382	·327	87	93	W 1	NW 1	10	7	·150	Dull. ● 1.45*p.*—4.30*p.*
19	·552	·430	49·4	49·4	43·3	51·7	·327	·327	93	93	SE 1	NW 1	10	10	·250	● from 8.30*a.*
20	·639	·786	55·4	50·4	44·3	63·7	·286	·315	65	86	NW 2	NW 1	5	7	·100	●2 2.10*p.*—2.30*p.*
21	·703	·804	55·4	50·4	40·3	62·7	·331	·340	75	93	SE 1	SE 1	5	7	·050	Fine *a.* ● 9*p.*
22	·818	·843	52·4	51·4	43·3	65·7	·366	·353	93	93	W 1	NE 1	7	10	·050	
23	·839	·684	51·4	52·4	44·3	60·7	·353	·366	93	93	NE 1	SE 1	10	10	·450	
24	·585	·708	51·4	49·4	49·2	54·7	·353	·303	93	86	NE 4	NE 1	10	10	·100	● till 6*p.*
25	29·672	·246	57·5	50·4	46·3	58·7	·357	·340	75	93	SE 2	NE 10	5	10	·950	● ☄ (gale) from 4*p.*
26	28·903	·411	52·4	49·4	49·2	54·7	·366	·241	93	68	NE 10	NW 6	10	10	—	● till 8*a.*, ☄ (gale) till 1*p.*
27	29·613	·744	51·4	47·4	40·3	58·7	·242	·282	64	87	NW 2	NW 1	5	10	—	
28	·854	·926	51·4	44·4	43·3	59·7	·304	·293	80	100	NW 1	NW 1	10	7	·150	● showers 11*a.*—6*p.*
29	29·951	29·944	53·4	49·4	38·3	59·7	·352	·303	86	86	SE 1	SE 1	5	10	—	Dull.
30	30·047	30·199	51·4	46·4	43·3	55·7	·304	·212	80	68	NE 2	NE 2	5	7	—	Cloudy.
31	30·289	30·377	50·4	44·4	44·3	58·7	·251	·250	69	86	NE 2	NE 1	5	0	—	Fine.
Means	29·707	29·736	55·7	51·6	47·2	62·1	·345	·331	77·6	86·0	2·5	2·3	7·3	8·7	3·950	

ROTHESAY.

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

AUGUST 1881.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	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	29·722	29·929	55·0	48·2	40·6	60·1	·314	·312	73	93	NW	NW	—	—	—	Fine.
2	30·038	29·885	55·6	55·0	39·6	65·1	·374	·424	84	98	SE	S	—	—	·246	Fine.
3	29·905	30·101	55·3	56·0	52·6	63·1	·386	·383	88	85	WSW	W	—	—	·110	Dull and blowy.
4	30·103	30·036	59·4	59·9	52·1	72·0	·494	·487	98	95	SE	S	—	—	·013	Cloudy.
5	29·779	29·710	56·2	57·4	54·1	63·1	·452	·352	100	74	SSE	SW	—	—	·385	Dull and blowy.
6	·855	·990	56·2	53·0	52·1	64·1	·413	·380	91	94	W	SSW	—	—	·080	
7	·850	·604	59·9	57·1	52·1	61·6	·464	·464	91	99	SSE	S	—	—	·305	Dull.
8	·656	·510	57·1	55·5	52·4	62·6	·421	·389	90	88	SW	NNW	—	—	·005	Fine.
9	·632	·755	59·9	50·5	49·1	64·1	·413	·334	81	91	NNE	NW	—	—	·023	Fine.
10	·617	·742	56·2	53·0	46·1	57·0	·372	·340	82	84	SW	NW	—	—	·446	●2 showers.
11	·800	·829	55·0	52·0	49·1	60·1	·354	·340	82	87	W	W	—	—	·006	
12	·750	·658	55·5	51·0	46·1	60·1	·314	·328	72	87	NW	NW	—	—	·013	Blowy.
13	·629	·742	52·5	53·0	48·1	57·3	·347	·352	88	87	NW	NW	—	—	—	Blowy.
14	·792	·843	54·5	52·0	49·1	60·1	·347	·353	82	91	NW	NW	—	—	—	Cloudy.
15	·785	·700	54·0	54·2	47·1	63·6	·352	·406	84	97	WNW	Calm	—	—	·013	Warm.
16	·588	·464	53·5	53·5	50·1	58·0	·387	·387	95	95	W	Calm	—	—	·146	● *a.* Fair *p.*
17	·391	·470	54·0	52·0	45·6	59·0	·409	·366	98	94	NW	Calm	—	—	·052	Cloudy and dull.
18	·579	·679	55·0	46·1	44·1	62·1	·409	·291	94	93	W	W	—	—	·036	Fine.
19	·599	·485	50·0	48·2	44·1	52·5	·339	·337	94	100	S	NW	—	—	·300	Dull, with ●.
20	·709	·830	56·0	49·0	42·1	61·1	·370	·322	82	93	NW	NW	—	—	·025	
21	·775	·803	60·4	50·0	43·1	65·6	·370	·314	70	87	SE	Calm	—	—	—	Fine and warm.
22	·836	·846	57·7	48·0	40·3	65·7	·355	·295	74	89	NW	NW	—	—	—	Clear and fine.
23	·804	·680	56·0	53·0	43·1	61·1	·375	·380	83	94	ENE	E	—	—	·410	Dull, with ∞.
24	·622	·740	53·6	52·5	49·6	57·0	·400	·387	97	98	Calm	Calm	—	—	·225	● *a.* Fair *p.*
25	·620	·179	54·0	50·0	47·6	55·5	·366	·353	87	98	SE	E	—	—	1·236	Dull.
26	·027	·498	52·0	53·5	47·1	53·9	·366	·266	94	66	NNE	NW	—	—	·070	
27	·691	·811	52·0	47·0	40·1	57·0	·303	·316	78	98	NW	Calm	—	—	·045	
28	·885	·961	50·0	45·6	43·1	55·0	·339	·297	94	97	W	Calm	—	—	·340	● *a.* Fair *p.*
29	29·909	29·902	52·5	50·5	38·6	58·0	·334	·334	84	91	ENE	E	—	—	·010	Cloudy and cold.
30	30·059	30·212	54·0	47·0	45·1	60·1	·299	·257	72	80	NE	Calm	—	—	—	Blowy.
31	30·315	30·359	53·0	48·0	36·2	62·1	·281	·290	70	87	N	Calm	—	—	—	Fine.
Means	29·752	29·773	55·0	51·7	46·3	60·6	·372	·350	85·5	90·6	—	—	—	—	4·540	

PINMORE.

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

AUGUST 1881.

1	29·740	29·976	56·4	45·4	45·3	61·1	·375	·287	83	95	N	N	—	—	·150	
2	30·024	29·954	57·0	54·9	36·0	65·0	·372	·423	80	98	W	S	—	—	—	
3	29·924	30·115	59·0	52·8	52·8	64·1	·487	·366	98	91	SW	W	—	—	—	
4	30·123	30·060	64·0	59·0	52·0	69·9	·546	·424	92	86	SW	W	—	—	—	
5	29·846	29·799	57·0	57·0	56·0	64·1	·422	·318	91	68	SW	SW	—	—	·100	
6	·881	30·021	58·0	55·2	53·5	63·1	·383	·292	79	67	NW	NW	—	—	·020	
7	·893	29·678	60·6	58·0	54·0	62·1	·404	·424	77	88	S	S	—	—	·150	
8	·671	·498	58·2	54·9	54·5	65·0	·412	·393	85	92	W	W	—	—	·220	
9	·640	·776	58·0	50·8	50·8	65·0	·383	·328	79	88	W	NW	—	—	·010	
10	·658	·726	54·9	51·8	47·2	59·1	·353	·281	83	73	NW	N	—	—	·120	
11	·833	·856	54·9	51·3	50·6	60·1	·340	·322	80	85	N	N	—	—	·170	
12	·824	·686	54·9	52·3	45·3	60·6	·294	·298	68	76	NW	N	—	—	·040	
13	·637	·762	54·4	52·8	50·6	55·6	·359	·328	85	85	N	N	—	—	·020	
14	·799	·879	57·0	51·8	51·5	59·6	·351	·303	75	79	N	N	—	—	—	
15	·830	·731	54·9	54·9	49·6	60·1	·340	·393	80	92	NW	NW	—	—	·040	
16	·581	·494	54·4	53·9	52·0	60·1	·394	·378	93	91	S	S	—	—	·070	
17	·378	·457	60·0	49·8	47·7	60·1	·426	·327	83	91	S	S	—	—	—	
18	·588	·666	54·9	51·8	44·3	61·1	·353	·303	83	79	S	W	—	—	·170	
19	·588	·506	53·9	48·9	46·8	55·1	·408	·313	98	91	SW	W	—	—	·700	
20	·730	·859	53·3	51·8	45·3	61·1	·346	·354	85	91	N	W	—	—	·030	
21	·765	·803	57·5	47·9	42·4	64·1	·362	·286	77	87	SE	SW	—	—	·040	
22	·803	·859	60·6	45·9	37·9	66·0	·378	·260	72	85	NW	NW	—	—	—	
23	·827	·657	50·3	54·9	39·4	59·1	·346	·379	95	89	SE	S	—	—	·170	
24	·575	·739	53·3	51·1	51·0	59·1	·367	·363	90	96	NE	S	—	—	·160	
25	29·612	·100	51·8	52·8	46·2	54·1	·341	·353	88	88	NE	NE	—	—	·740	
26	28·863	·498	51·8	47·9	47·2	57·1	·367	·313	95	95	NE	NE	—	—	·440	
27	29·705	·820	51·8	44·9	43·4	58·1	·281	·269	73	91	NW	NW	—	—	·250	
28	·888	·964	51·8	44·9	43·4	56·1	·328	·269	85	91	W	W	—	—	·080	
29	·867	29·816	52·3	52·8	38·4	59·1	·360	·315	92	79	S	W	—	—	·010	
30	29·979	30·147	51·8	44·0	44·0	61·1	·303	·248	79	86	E	N	—	—	—	
31	30·221	30·323	47·9	44·4	31·5	60·1	·291	·254	88	87	SE	NE	—	—	—	
Means	29·751	29·781	55·4	51·3	46·8	60·8	·370	·328	84·2	86·5	—	—	—	—	3·900	

SCALEBY.

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

AUGUST 1881.

Day.	Barometer at 32° and M. S. L. 9 a.m.	9 p.m.	Air Temperature. 9 a.m.	9 p.m.	Min.	Max.	Tension of Vapour. 9 a.m.	9 p.m.	Relative Humidity. 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	29·716	29·891	54·8	51·8	47·2	64·5	·304	·330	71	85	W 3	W 2	5	2	—	
2	30·108	30·019	56·8	56·8	39·0	62·0	·334	·323	72	70	SW 2	S 2	4	10	·210	
3	29·935	·081	59·8	58·5	55·2	63·0	·418	·419	81	86	SW 6	W 3	8	2	—	
4	30·130	30·133	64·8	63·8	54·0	71·2	·520	·535	85	90	W 6	W 5	6	8	—	
5	29·860	29·798	66·6	57·8	53·6	72·3	·449	·415	69	89	W 6	SW 5	0	5	·080	
6	·866	30·037	59·8	58·2	53·3	65·2	·404	·437	78	90	SW 6	SW 5	10	8	·050	
7	·921	29·752	58·7	58·8	54·0	64·0	·477	·482	97	97	SW 6	SW 5	10	10	·070	
8	·628	·571	59·8	58·3	58·2	64·0	·472	·422	92	90	SW 5	Calm 0	10	10	—	
9	·593	·711	59·8	52·8	52·0	64·3	·364	·318	71	79	NW 3	W 3	3	1	—	
10	·615	·753	55·3	52·0	44·5	61·0	·389	·353	89	91	Calm 0	SW 4	10	10	·100	
11	·822	·798	54·6	50·3	49·0	65·0	·360	·343	84	95	SW 4	W 2	10	0	—	
12	·724	·612	49·8	53·3	41·0	64·8	·343	·336	95	82	SW 3	NW 4	8	10	—	
13	·567	·642	53·3	53·8	50·0	59·0	·375	·412	92	99	W 1	Calm 0	10	10	·190	● 2 (·170 inch) 6p.—7p.
14	·695	·787	58·3	52·8	48·0	66·0	·385	·318	80	79	W 3	W 5	8	2	—	
15	·765	·693	54·9	54·8	50·8	63·0	·356	·391	83	91	SW 4	W 2	10	10	·020	
16	·578	·471	57·6	55·6	52·8	63·8	·389	·415	82	94	Calm 0	SW 2	10	10	·550	
17	·357	·364	57·3	52·8	52·0	66·2	·299	·343	64	85	SW 2	W 2	8	10	·170	
18	·527	·668	54·8	52·9	50·0	63·0	·374	·355	87	88	Calm 0	W 2	10	10	·050	
19	·471	·396	54·9	50·6	50·0	57·2	·369	·351	86	95	Calm 0	SW 3	10	10	·540	
20	·708	·840	55·8	51·8	45·0	61·5	·321	·311	72	80	NW 4	Calm 0	8	3	·030	
21	·735	·769	58·6	52·3	46·5	66·8	·328	·349	67	89	E 1	Calm 0	5	10	—	
22	·788	·788	54·8	50·8	48·6	66·8	·360	·343	84	92	E 1	E 1	10	1	—	
23	·769	·537	53·8	54·8	46·2	58·0	·397	·374	95	87	E 5	N 3	10	10	·600	
24	·487	·728	54·8	49·8	49·2	56·0	·421	·329	98	92	N 3	SW 1	10	10	·330	
25	29·617	·138	52·8	51·8	49·8	53·0	·353	·382	78	99	NW 2	NW 3	10	10	1·240	● 2, 1·130 in. 9a.—9p.
26	28·894	·438	52·8	54·0	49·2	56·0	·382	·409	95	98	SW 9	Calm 0	10	10	·610	
27	29·675	·811	51·3	49·8	44·0	59·0	·311	·305	82	85	SW 4	SW 2	9	9	·200	
28	·901	·954	53·2	50·8	40·2	59·5	·325	·343	80	92	W 1	Calm 0	3	10	·140	
29	·887	29·821	53·3	51·8	46·0	55·8	·396	·361	97	93	E 1	NE 5	10	10	—	
30	29·915	30·144	53·3	48·3	47·1	57·0	·268	·259	67	76	NE 6	Calm 0	6	10	—	
31	30·228	30·300	51·6	45·8	45·0	56·5	·283	·277	74	91	NE 2	Calm 0	9	0	—	
Means	29·725	29·756	56·1	53·5	48·8	62·1	·371	·366	82·2	88·7	3·2	2·2	8·1	7·5	5·180	

SCARBOROUGH.

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

AUGUST 1881.

1	29·722	29·869	60·1	55·6	47·7	66·8	·315	·313	61	71	WSW 3	W 2	6	3	—	
2	30·057	30·087	60·6	56·6	48·5	67·8	·322	·364	61	79	SW 1	SW 1	5	10	·030	
3	29·993	·105	59·1	61·9	54·5	69·3	·428	·436	86	80	SW 3	W 3	10	1	—	
4	30·199	30·140	66·6	66·6	59·9	78·3	·514	·531	79	82	WSW 3	WSW 1	5	1	—	
5	29·959	29·825	70·1	64·8	59·4	81·0	·425	·430	58	71	SSW 3	WSW 3	0	10	·020	
6	29·917	30·082	61·4	58·6	54·4	69·0	·385	·382	72	78	WSW 4	WSW 2	5	1	—	
7	30·021	29·840	59·6	60·8	52·0	65·3	·396	·407	77	77	WSW 3	S 4	10	5	·030	
8	29·705	·463	66·6	58·8	57·5	68·0	·482	·479	74	97	SW 4	SE 1	7	10	1·600	☇ ● p.
9	·448	·712	53·5	53·6	53·3	60·6	·378	·324	93	78	N 7	NNW 2	10	10	·160	☇ ● before 9a.
10	·686	·664	56·1	53·1	48·3	60·8	·345	·276	77	69	WSW 2	WNW 5	9	1	·030	
11	·825	·746	58·6	53·6	51·8	60·1	·313	·312	63	75	WSW 2	W 3	7	0	—	
12	·745	·583	56·6	53·7	47·7	62·6	·316	·316	69	76	W 2	W 2	5	2	—	
13	·562	·629	58·1	53·7	48·7	59·1	·348	·384	73	93	NW 1	W 2	6	10	·060	
14	·687	·754	60·1	56·1	50·5	61·3	·375	·397	73	88	NW 3	W 1	7	10	·020	
15	·763	·716	57·0	52·6	52·6	58·1	·366	·361	79	91	NW 2	SSW 1	10	1	—	
16	·613	·482	55·6	54·6	51·5	59·5	·404	·418	91	98	S 1	SSE 1	10	10	·450	
17	·375	·341	55·6	54·6	54·0	57·3	·413	·388	93	91	W 1	W 1	10	10	·110	
18	·512	·712	55·7	53·6	53·0	58·9	·425	·379	96	93	N 2	SW 2	10	2	·010	
19	·578	·247	55·7	54·8	51·1	61·3	·403	·360	91	84	SSE 1	SW 5	10	7	·170	
20	·721	·857	59·4	54·6	48·6	64·3	·287	·313	57	74	WNW 5	W 2	1	1	—	
21	·779	·786	60·6	54·3	48·6	62·8	·342	·365	65	87	SSE 1	SSE 1	2	7	—	
22	·826	·822	55·6	54·5	50·3	61·8	·360	·389	81	92	SSW 1	SE 1	7	3	—	
23	·804	·616	54·6	54·0	52·0	55·6	·403	·397	95	95	N 1	SSE 2	10	10	1·130	≋ 9a.
24	·448	·652	56·4	52·4	52·4	61·6	·419	·325	92	83	W 1	NNW 3	10	10	·010	
25	·729	·227	54·1	60·8	46·0	60·8	·335	·489	79	92	SSE 1	S 5	10	8	·530	
26	·079	·389	56·6	51·5	51·5	61·3	·313	·336	68	89	WSW 8	WSW 1	9	10	·210	
27	·655	29·818	56·6	50·6	48·5	61·1	·286	·276	63	75	W 1	W 1	7	0	—	
28	·922	30·002	56·6	52·6	45·0	60·3	·316	·297	69	75	W 2	W 2	5	7	·110	
29	·958	29·804	52·6	55·6	50·5	55·6	·385	·430	97	97	SE 3	ESE 1	10	10	2·470	≋ ☇ ● 2 p.
30	29·824	30·053	51·6	50·6	50·0	56·3	·369	·315	97	86	ENE 9	NNE 4	10	6	·210	⸝
31	30·149	30·220	51·1	50·6	48·5	55·3	·306	·334	81	91	N 6	N 4	8	3	·170	⸝
Means	29·750	29·750	57·8	55·5	51·2	62·6	·370	·372	77·7	84·1	2·8	2·2	7·5	5·8	7·530	

Observer remarks: Mean sea temperature 55°·0.

DOUGLAS, ISLE OF MAN.

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

AUGUST 1881.

Day.	Barometer at 32° and M. S. L. 9 a.m.	9 p.m.	Air Temperature. 9 a.m.	9 p.m.	Min.	Max.	Tension of Vapour. 9 a.m.	9 p.m.	Relative Humidity. 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	29·769	29·917	56·8	52·5	45·3	61·6	·338	·304	73	77	NW 3	Calm 0	5	9	—	
2	30·060	30·004	57·0	56·0	43·3	61·2	·361	·419	77	93	E 2	SSW 4	6	10	·125	● 8p. ⸝ ● at night.
3	·017	·133	59·5	59·0	55·2	65·7	·362	·445	71	90	W 5	Calm 0	7	10	·030	Squally a. ≋ 9 (mist) 9a.
4	30·206	30·099	57·5	58·2	56·5	62·7	·464	·479	97	99	SSW 3	SSW 4	10	10	—	≋ a. and p.
5	29·891	29·811	59·0	54·3	54·3	60·0	·442	·413	89	98	SSW 5	WSW 2	10	1	·048	Squally before 9a. ⸝ (force 6) 4p.
6	·951	30·059	59·2	55·0	53·9	63·3	·400	·400	80	92	W 5	Calm 0	7	7	·001	☾ p.
7	·956	29·749	57·1	57·2	54·8	60·9	·458	·456	98	97	SSW 4	SSW 6	10	10	·120	≋ 9 (mist) 9a. ● 6p. ⸝ (force 7) [at night.
8	·682	·459	59·8	55·1	55·0	61·7	·451	·429	88	98	WSW 2	Calm 0	9	10	·003	≋ 6p.
9	·672	·788	58·0	53·1	53·1	63·4	·413	·357	85	88	NW 4	Calm 0	8	9	—	⸝ (force 6) 11a.
10	·671	·873	53·8	53·2	48·8	63·2	·389	·302	93	74	SW 2	W 6–7	10	4	·027	Squally ⸝ p.
11	·875	·857	52·8	47·8	47·8	58·0	·348	·308	87	93	W 2	W 1	10	3	—	
12	·769	·687	56·1	51·8	43·8	61·1	·344	·316	75	82	WNW 2	NW 6–7	7	6	·076	Squally ⸝ 9p.
13	·666	·756	51·8	52·4	50·1	55·3	·364	·351	94	90	NW 7–8	NW 7–8	10	9	·303	Squally ⸝ all day.
14	·800	·881	54·8	53·5	51·3	59·0	·396	·309	92	75	NW 7–8	NW 2–3	6	9	—	Squally ⸝ 9a. ⸝ (force 6,) after 9p.
15	·810	·695	53·8	55·4	48·5	60·6	·369	·432	88	98	WSW 1	Calm 0	10	10	·021	≋ 9 (mist) 9p.
16	·573	·468	55·8	54·8	53·1	59·7	·422	·418	94	97	Calm 0	Calm 0	10	10	·052	
17	·354	·403	55·3	53·6	48·6	58·0	·405	·378	92	92	SW 1	N 2	10	6	·094	● 2 4.15p.—5.10p.
18	·596	·680	55·7	54·8	45·4	62·0	·395	·406	89	94	WNW 2	Calm 0	9	6	·148	[gradually during day. Bar. 29·320 3p.
19	·455	·510	54·0	51·3	50·0	54·8	·400	·347	96	91	SE 2	WNW 4–5	10	7	·525	● nearly all day. Wind backed
20	·776	·834	55·6	51·4	47·8	61·1	·362	·361	81	95	WNW 5	NNW 1	5	6	—	☾ 2 p.
21	·731	·779	59·7	48·9	44·8	61·3	·368	·322	71	94	ESE 1	Calm 0	6	3	·058	☾ 2 p.
22	·804	·794	55·5	51·2	44·9	61·0	·397	·340	90	91	Calm 0	Calm 0	7	3	·073	≋ 9 (mist) 9p.
23	·723	·562	56·3	54·1	45·8	58·7	·424	·411	93	98	ENE 2	Calm 0	10	7	·277	≋ 9 (mist) a. T 6p.
24	·577	·740	54·6	49·8	49·8	55·1	·361	·348	85	97	NW 7	Calm 0	9	3	·215	Squally ⸝ a.
25	·522	·085	54·8	55·8	41·7	57·6	·418	·443	97	99	SE 6–7	SSW 5–7	10	10	1·534	Squally ⸝ a. and p.
26	·084	·484	52·0	49·0	49·0	56·2	·361	·340	93	98	W 7–8	N 2	10	10	·593	Squally ⸝ a. ≋ 9 (mist) 9p.
27	·716	·850	53·7	49·9	47·2	57·2	·332	·310	80	87	NW 6	WSW 1	6	7	·018	
28	·940	·961	54·7	52·8	44·7	58·9	·336	·358	78	89	W 4–5	WSW 1	4	6	·650	
29	·803	29·771	54·5	56·3	51·2	60·0	·426	·444	100	98	ENE 3	E 2	10	10	·480	≋ 9a. ● 2 ⸝ at night.
30	29·936	30·166	54·7	50·0	50·0	58·6	·328	·291	76	81	NE 4	NNE 2	6	7	—	Squally before 9a. ☾ p.
31	30·281	30·352	53·5	44·5	39·8	59·0	·264	·277	64	94	NNE 3	N 1	4	1	—	☾ 2 p.
Means	29·763	29·781	55·7	53·0	48·9	59·9	·384	·371	86·0	91·6	3·5	2·0	8·1	7·1	5·471	

WAKEFIELD.

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

AUGUST 1881.

1	29·782	29·928	58·2	52·2	47·1	63·2	·362	·358	75	92	W 4	W 3	4	0	—	Fine and bright.
2	30·092	30·111	59·2	56·2	42·1	69·2	·375	·415	75	91	WNW 2	SSW 2	5	10	·020	Fine and bright.
3	·042	·172	63·0	61·2	53·2	69·2	·562	·465	98	86	WSW 3	S 3	10	3	—	Dull.
4	30·248	30·149	69·9	67·0	56·4	77·9	·562	·578	77	87	WSW 4	SW 4	2	2	—	Fine and bright, but close and sultry.
5	29·956	29·861	72·0	61·6	53·2	82·0	·639	·489	82	89	SSW 1	SW 3	0	2	·010	Fine and bright.
6	29·986	30·126	58·3	57·2	56·2	64·8	·451	·430	93	91	WSW 4	W 3	10	3	—	Fine after 10.30a.
7	30·044	29·874	64·0	62·2	50·9	66·4	·501	·451	84	81	W 2	WSW 2	10	10	·020	Dull.
8	29·713	·443	64·8	61·2	59·0	69·1	·548	·531	89	98	SSW 1	SW 2	10	10	·320	Dull.
9	·520	·751	57·4	56·6	55·2	66·1	·425	·403	90	87	NNW 4	W 2	10	3	—	
10	·722	·786	57·2	55·2	50·1	62·8	·401	·381	85	88	SW 3	WNW 4	10	2	—	Wind rough and boisterous.
11	·883	·812	57·8	53·2	52·2	61·8	·393	·374	82	93	SW 3	WNW 3	10	5	·040	
12	·763	·626	57·6	52·8	45·1	63·8	·348	·356	74	88	WNW 2	W 3	6	3	—	Fine and bright.
13	·596	·677	56·0	55·2	41·0	58·0	·366	·381	82	88	W 4	W 3	6	4	·030	Fine with ⸝.
14	·755	·791	58·2	54·5	51·0	63·9	·394	·379	81	89	W 3	W 7	8	5	—	
15	·805	·730	56·8	54·8	51·5	64·0	·352	·416	76	96	W 2	SW 2	10	10	·100	Dull.
16	·595	·483	56·2	57·8	54·0	62·8	·444	·451	98	93	SSW 1	NW 2	10	10	·150	● 0 9a. Dull and gloomy.
17	·393	·355	57·5	52·0	50·9	64·9	·397	·382	84	99	W 1	SW 1	4	5	·040	Fine day.
18	·550	·734	56·2	51·2	47·1	61·0	·409	·355	90	95	NW 1	NW 2	10	10	·120	● 9a. Rough wind.
19	·530	·385	53·2	54·2	46·5	68·0	·397	·342	98	81	ESE 2	W 7	10	4	·250	Fine.
20	·777	·896	57·2	49·6	48·9	65·4	·343	·335	73	95	WSW 5	W 3	8	10	—	Dull and gloomy.
21	·778	·811	59·0	52·0	44·6	61·8	·348	·382	70	99	NE 2	ENE 2	10	10	·240	Dull and gloomy.
22	·817	·819	54·1	53·2	41·6	61·8	·389	·307	93	98	ESE 1	NW 1	7	10	·030	
23	·782	·527	53·1	55·2	46·3	59·0	·396	·428	98	98	NE 1	ENE 2	10	10	·840	● nearly all day.
24	·511	·719	57·0	54·2	53·2	60·4	·404	·357	86	84	W 5	W 2	9	10	·160	Dull.
25	·709	·209	52·7	62·0	44·4	62·4	·362	·500	91	90	E 1	SSW 2	10	7	·860	
26	·150	·435	57·7	51·2	51·2	62·8	·431	·345	90	92	SW 7	SW 2	3	10	·310	Day fine with rough wind. ● 9p.
27	·709	29·849	53·4	48·8	47·2	60·3	·295	·281	72	81	W 4	NW 2	3	1	·020	Fine and bright.
28	·979	30·042	55·0	50·2	45·1	62·8	·307	·322	71	89	W 4	SW 2	5	3	·230	Fine and bright. ● 2 shower 6.45p.
29	·907	29·761	53·0	57·7	48·3	65·3	·374	·453	93	94	E 2	ENE 2	5	10	·050	Dull and gloomy.
30	29·844	30·093	53·8	50·3	49·7	60·1	·367	·306	88	84	N 4	WNW 4	10	5	·030	● 2 9a.
31	30·210	30·296	51·0	50·2	47·1	54·8	·298	·288	80	80	N 2	N 3	8	4	—	
Means	29·779	29·782	57·8	55·2	49·4	64·4	·408	·398	84·5	90·2	2·7	2·7	7·5	6·2	3·870	

LLANDUDNO.

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

AUGUST 1881.

Day.	Barometer at 32° and M.S.L. 9 a.m.	Barometer 9 p.m.	Air Temp. 9 a.m.	Air Temp. 9 p.m.	Min.	Max.	Tension of Vapour 9 a.m.	Tension 9 p.m.	Relative Humidity 9 a.m.	Rel. Hum. 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	29·787	29·957	58·7	51·0	50·9	60·8	·381	·322	78	86	W 1	NW 1	7	0	—	Very fine.
2	30·078	30·052	60·2	59·6	45·7	66·0	·366	·349	70	68	WNW 0·6	SW 1	5	7	·094	Very fine.
3	·c55	·165	60·7	62·6	59·0	67·0	·496	·503	94	89	W 2	W 1	10	10	—	Squally before 9a. Fine till 6p. then ●0.
4	30·211	30·132	66·3	61·4	60·4	72·2	·475	·464	74	86	SW 1	W 1	0	0	—	Very fine.
5	29·909	29·859	69·5	58·9	57·7	70·8	·453	·409	63	83	SW 2	W 5	0	1	·020	
6	30·009	30·119	62·6	55·2	54·9	65·3	·419	·373	74	86	W 2	W 0·6	6	7	—	Very fine, but windy.
7	30·012	29·790	61·1	62·3	55·0	67·2	·459	·443	86	80	SW 3	W 5	10	10	·037	Fine. Squally ⁄ p. ● showers from 8p.
8	29·721	·449	59·8	56·6	56·3	63·2	·465	·431	91	94	W 1	W 0·6	10	10	·430	Showery till 4p. then fine.
9	·647	·822	57·0	56·0	52·6	62·0	·412	·370	88	83	NW 1	W 1	10	10	—	Fine.
10	·702	·943	57·0	55·0	53·6	63·2	·422	·325	91	75	W 1	W 4	10	0	·080	● showers a. Fine but windy p.
11	·919	·883	53·4	52·2	51·5	58·2	·388	·366	95	94	W 1	W 0·6	10	7	·466	● till 6.30p. then fine.
12	·788	·718	55·2	53·0	51·8	56·8	·355	·304	82	75	W 0·6	W 1	10	0	—	
13	·728	·798	53·4	54·0	52·0	56·0	·308	·356	76	85	NW 1	NW 2	10	10	·030	Dull, cold, and windy. ● 5p.
14	·863	·913	55·1	55·2	52·8	58·0	·391	·346	90	80	NW 1	NW 1	10	10	—	Fine.
15	·836	·712	55·6	56·8	51·8	59·0	·389	·437	88	94	W 1	W 1	10	10	·060	∞
16	·600	·494	56·6	56·0	54·4	58·7	·410	·419	89	93	W 0·6	W 0·6	10	10	·030	● showers a. Dull and muggy.
17	·405	·424	55·5	54·4	52·0	61·0	·397	·382	90	91	W 1	W 1	10	0	·160	● showers a. Fine afternoon.
18	·610	·702	58·2	55·5	52·6	63·0	·389	·374	80	85	W 1	W 1	6	0	·288	●2 shower 1.30p., otherwise fine.
19	·427	·574	53·8	53·0	51·2	60·8	·391	·345	94	85	E 3	NW 6	10	10	·580	●2 showers. Squally ⁄ p.
20	·836	·869	57·5	52·5	50·6	62·4	·382	·329	81	83	W 3	W 1	9	0	—	Very fine with cold wind.
21	·732	·775	57·4	54·3	49·2	61·7	·360	·384	76	91	S 0·6	W 1	1	0	·010	Fine a.
22	·790	·812	60·0	55·0	48·8	61·5	·412	·385	80	89	S 0·6	NE 1	9	0	—	Fine.
23	·702	·574	58·4	58·0	54·1	61·7	·433	·451	89	93	E 1	E 0·6	9	10	·050	Fine till 4p., then T ●.
24	·603	·775	54·6	54·2	53·6	60·6	·379	·385	89	92	WNW 3	W 3	10	0	·338	≋0 (mist) a. Fine with cold wind.
25	·552	·129	54·0	58·0	50·2	62·3	·394	·421	94	87	E 1	W 4	10	1	·546	Stormy with ● till 4.30p. then fine. T.
26	·201	·495	54·9	51·3	50·0	59·9	·353	·362	83	96	W 7	W 2	10	10	·690	Squally a.
27	29·747	29·879	52·0	53·7	48·9	58·4	·348	·321	90	77	N 1	W 1	9	0	—	Very fine.
28	30·002	30·016	55·0	56·0	50·0	62·4	·349	·364	81	81	W 1	W 3	8	10	·130	Fine till 6p., then ●0 showers.
29	29·814	29·770	60·0	57·0	53·0	65·6	·477	·426	93	92	W 2	W 0·6	10	10	·870	K 5p.
30	29·877	30·127	54·2	54·1	53·0	57·5	·361	·299	86	72	E 5	E 7	10	10	·010	Squally ⁄ a. and p.
31	30·276	30·321	53·0	54·8	50·0	56·1	·277	·288	69	68	E 1	E 1	8	3	—	Very fine.
Means	29·788	29·808	57·4	55·7	52·5	61·9	·396	·379	84·0	84·9	1·6	1·9	8·3	5·4	4·919	

BUXTON.

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

AUGUST 1881.

Day	Bar. 9 a.m.	Bar. 9 p.m.	Air 9 a.m.	Air 9 p.m.	Min.	Max.	Tension 9 a.m.	Tension 9 p.m.	Rel. Hum. 9 a.m.	Rel. Hum. 9 p.m.	Wind 9 a.m.	Wind 9 p.m.	Cloud 9 a.m.	Cloud 9 p.m.	Rain	Remarks
1	29·800	29·964	56·4	49·3	45·9	62·1	·321	·316	71	90	NW 1	NW 1	7	3	—	
2	30·115	30·179	58·2	52·3	39·8	64·6	·318	·324	66	82	NW 2	NW 1	6	2	·110	
3	·095	·256	59·7	60·1	51·2	69·6	·467	·492	92	95	NW 4	NW 3	10	10	—	Dull day. ⁄ p. Warm.
4	·277	30·252	66·6	58·3	56·9	78·2	·503	·446	78	92	W 3	NW 2	4	1	—	
5	·026	29·928	67·9	55·9	55·2	76·2	·415	·418	60	93	SW 3	SW 4	0	1	·015	Red bronzy sky p.
6	·054	30·211	54·2	50·3	50·3	64·1	·361	·333	86	92	NW 2	NW 2	10	4	—	
7	30·108	29·932	56·7	56·6	48·1	63·1	·407	·355	88	77	WSW 3	NW 5	10	5	—	⁄
8	29·796	·505	59·1	57·8	53·9	66·8	·459	·441	92	92	SW 2	NW 2	10	8	1·085	≋ 9a. Dull day.
9	·607	·851	53·9	51·9	49·6	61·8	·399	·327	96	85	NW 1	NW 2	10	7	—	Dull day. Mackerel sky p.
10	·765	·870	52·9	50·4	48·1	58·2	·334	·272	83	76	W 2	NW 3	10	5	·080	
11	·959	·905	52·1	49·4	47·1	55·2	·342	·327	87	93	NW 2	NW 3	8	6	·120	
12	·826	·710	52·9	48·3	46·9	57·9	·373	·292	93	87	NW 1	NW 2	9	10	·075	
13	·685	·766	50·5	48·6	44·9	51·2	·344	·338	94	99	NW 2	SW 2	10	10	·470	
14	·813	·908	52·6	49·6	47·9	55·0	·361	·312	91	88	NW 3	NW 3	8	6	·015	
15	·879	·785	51·9	53·4	46·4	57·6	·352	·388	91	95	NW 1	SW 1	8	10	·060	
16	·669	·541	56·6	53·4	50·9	61·7	·400	·345	87	85	NW 1	NW 1	9	10	·630	
17	·465	·440	56·5	50·7	49·4	61·7	·338	·349	74	94	NW 2	NW 1	6	5	·225	K p.
18	·598	·783	52·7	51·9	48·1	62·1	·349	·365	87	95	NW 1	W 1	9	10	·215	
19	·531	·540	49·7	48·8	46·9	65·1	·349	·309	98	90	SE 2	W 5	10	10	·225	Leaves beginning to fall.
20	·841	·859	52·4	44·9	44·9	60·7	·371	·298	94	100	NW 2	W 1	9	5	·010	
21	·805	·874	51·0	47·6	40·9	58·2	·307	·312	82	95	SE 1	NW 1	10	4	—	≋0 (mist) p.
22	·879	·886	51·4	49·6	45·6	61·6	·353	·340	93	96	SW 1	NW 1	10	1	·220	≋0 (mist) p.
23	·864	·601	53·4	52·3	47·6	56·5	·358	·381	88	97	SE 2	SE 1	10	10	·620	K ● ⁄ p.
24	·601	·806	52·0	49·9	48·9	54·7	·345	·302	89	85	NW 3	SW 3	9	5	·090	
25	·706	·275	49·4	58·3	42·4	59·0	·340	·449	96	93	SE 1	SW 4	10	6	·870	
26	·208	·507	52·2	47·9	47·4	59·6	·294	·321	75	97	WNW 4	NW 2	9	10	·425	
27	29·768	29·944	51·1	43·4	42·6	55·9	·321	·255	85	91	NW 2	NE 1	6	0	—	
28	30·021	30·078	50·4	49·9	42·3	58·2	·331	·304	91	85	NW 2	NE 2	5	3	·640	
29	29·886	29·803	54·3	55·6	47·9	64·1	·401	·427	95	97	SW 2	NW 2	10	10	·600	K ● ⌒ p.
30	29·864	30·134	50·9	46·4	45·6	57.2	·360	·257	97	82	NE 2	NE 3	10	3	·060	
31	30·216	30·330	48·4	46·4	41·6	52·7	·257	·266	76	85	NE 1	SE 1	8	6	—	
Means	29·830	29·852	54·1	51·3	47·3	61·0	·362	·344	86·3	90·4	2·0	2·1	8·4	6·0	6·860	

HILLINGTON, NORFOLK.

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

AUGUST 1881.

Day.	Barometer at 32° and M. S. L. 9 a.m.	Barometer 9 p.m.	Air Temp. 9 a.m.	Air Temp. 9 p.m.	Min.	Max.	Tension of Vapour 9 a.m.	Tension 9 p.m.	Relative Humidity 9 a.m.	Rel. Hum. 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	29·794	29·873	60·7	55·2	45·1	71·6	·361	·391	68	90	NW 1	NNW 0·5	5	9	—	⌓ 9p.
2	30·087	30·159	60·7	53·0	46·2	70·5	·409	·371	78	92	NW 1	NW 0·5	8	0	·040	⌓ 9p.
3	·161	·182	57·0	62·6	47·0	69·7	·400	·524	86	92	WNW 2	SW 4	10	10	·005	
4	·275	30·196	66·5	60·6	59·9	80·6	·509	·498	79	94	N 1	NW 0·5	8	0	—	Fine and sunny. ⌓2 9p.
5	·080	29·882	70·6	67·5	54·9	84·4	·454	·491	61	74	W 3	SW 0·5	0	8	—	Fine, sunny, and hot. ⌓ 9p.
6	·032	30·140	65·4	55·4	53·1	70·6	·379	·388	61	89	SW 4	WNW 0·5	4	9	—	⌓ 9p.
7	30·130	29·954	61·4	60·0	47·9	69·9	·391	·293	73	57	SW 3	SW 1	10	9	·050	
8	29·829	·528	59·2	61·4	53·0	70·2	·457	·529	92	97	SW 1	SW 1	10	10	·668	●2 8a.—9a.
9	·410	·757	54·6	54·8	52·9	65·5	·421	·367	99	86	W 3	N 1	10	10	·215	Gloomy a. Wind freshening after 9.30p.
10	·768	·778	59·4	56·0	52·2	63·9	·352	·288	70	64	W 3	NW 5	10	0	·040	
11	·942	·785	59·5	54·0	46·9	61·5	·319	·406	63	97	NW 6	WSW 1	4	10	·378	●2 11a.—7.30p.
12	·784	·611	55·2	53·0	42·8	59·5	·355	·394	82	98	NW 2	SW 1	10	10	·024	≋0 (mist) early a.
13	·610	·656	53·9	52·0	46·3	56·7	·349	·382	84	99	WNW 3	W 3	10	10	·022	Bright early a. Gloomy and showery p.
14	·739	·796	57·7	52·6	51·6	65·1	·391	·348	82	88	NW 2	NW 2	10	4	—	⌓ 9p.
15	·808	·730	58·2	54·4	46·9	63·2	·355	·379	73	90	NW 3	W 0·5	10	10	·040	⌓ 9p.
16	·631	·473	55·6	56·7	51·9	63·4	·430	·436	97	94	SW 0·5	SW 0.5	10	10	·128	●2 5.30a.—6.30a.
17	·388	·383	54·9	52·9	52·9	66·8	·428	·370	99	93	NW 2	W 0·5	10	8	·020	Distant T 5p.
18	·509	·748	57·4	53·5	51·2	62·3	·389	·373	83	91	NW 5	SE 0·5	8	10	·021	
19	·606	·473	56·8	54·7	48·2	68·7	·394	·312	85	73	SE 3	NW 6	10	10	·028	⌓ 9p.
20	·825	·893	58·0	50·2	47·6	65·9	·318	·342	66	95	NW 6	W 0·5	5	3	·001	Fine and sunny. ⌓ 9p.
21	·774	·806	57·7	52·1	47·3	59·6	·388	·386	82	99	SW 1	WNW 0·5	7	10	·530	⌓2 a. ●2 2p.—9p.
22	·864	·843	55·1	49·9	46·3	66·5	·396	·357	91	99	S 2	SW 0·5	10	2	·030	●2 K 4.10p.
23	·792	·559	63·1	53·6	49·4	69·9	·437	·406	77	99	SSE 3	S 0·5	10	10	·250	●2 5p.—9.15p.
24	·545	·726	57·6	54·2	52·3	64·0	·400	·309	84	73	NW 5	NW 4	10	9	·001	⁄ (gale) 1p.
25	·755	·370	57·0	60·5	44·0	60·5	·397	·496	85	95	S 2	S 5	10	10	·480	Wind freshening p.
26	·303	·472	61·8	53·6	52·4	66·8	·352	·324	64	78	WSW 9	SW 2	8	3	·035	⁄ (gale) a.
27	29·695	29·863	51·5	47·9	45·9	62·4	·336	·324	89	98	NW 1	W 0·5	10	2	·008	●2 ▲ to W. ⌓ 9p.
28	30·010	30·092	55·6	51·9	37·3	65·4	·321	·327	73	85	NW 2	W 1	6	2	·256	< 2.30a. Much cir. 5.30p.
29	29·986	29·862	54·8	56·7	45·8	63·1	·412	·433	95	94	S 2	SW 2	10	10	·466	
30	29·776	29·978	59·4	50·7	50·1	64·9	·453	·346	90	94	WNW 1	NE 5	9	10	·223	Distant T 2.15p.
31	30·111	30·209	53·3	50·4	48·9	57·2	·296	·342	73	94	NNE 1	N 3	8	6	·080	Fine 8.30a.—4p.
Means	29·807	29·799	58·4	54·9	49·0	66·1	·389	·385	80·1	89·1	2·7	1·7	8·4	7·2	4·039	

UPPINGHAM.

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

AUGUST 1881.

Day	Bar. 9 a.m.	Bar. 9 p.m.	Air 9 a.m.	Air 9 p.m.	Min.	Max.	Tension 9 a.m.	Tension 9 p.m.	Rel. Hum. 9 a.m.	Rel. Hum. 9 p.m.	Wind 9 a.m.	Wind 9 p.m.	Cloud 9 a.m.	Cloud 9 p.m.	Rain	Remarks
1	29·780	29·882	60·1	56·1	46·1	70·0	·391	·344	76	75	W by S 1	W by N 1	5	10	—	
2	30·080	30·160	59·3	56·1	48·4	69·3	·364	·354	72	78	N by W 1	SW 1	10	1	·038	∞0 p. Evening observations at 9.20p.
3	·126	·216	60·7	62·0	49·3	65·9	·469	·510	89	92	SW 5	SSW 1	10	10	—	Rough ⁄ early a. Dull all day.
4	·278	30·207	67·0	62·7	57·1	76·9	·512	·478	78	84	SW 1	W 1	3	0	—	Day sunny and warm. ∞0
5	·044	29·893	68·5	66·1	54·2	80·2	·421	·460	60	73	sw by s 4	W by S 1	0	9	—	Bright and warm. ⁄ 3p.
6	·026	30·160	61·7	53·8	51·9	68·7	·370	·361	67	87	W 3	W 1	9	2	—	
7	30·112	29·960	60·0	57·3	48·0	68·2	·444	·416	86	88	SSW 2	S 3	10	1	—	∞0 9p.
8	29·803	·505	61·7	60·2	53·7	67·0	·467	·515	85	99	S by W 2	S 2	10	10	·710	Gloomy till 3p., then ● till 9p. Bar. falling, wind rising.
9	·498	·791	53·9	56·1	50·8	66·9	·405	·354	98	78	W by N 4	W by N 4	10	10	·060	Windy and gloomy p. T
10	·762	·839	57·9	53·9	51·1	63·6	·397	·310	83	74	W 2	W by N 4	9	0	·102	Squally p.
11	·949	·821	56·3	53·6	46·2	61·0	·371	·398	81	97	W 5	NW 2	7	10	·310	Squally a. ● 11a.—4p. ∞ p.
12	·802	·644	54·4	51·3	47·0	57·6	·340	·372	80	98	W by N 1	SW 1	10	10	·088	
13	·630	·702	50·6	49·9	43·5	54·3	·349	·337	95	95	NW 2	NW 3	10	10	·010	⌓2 a. Gusty.
14	·749	·846	55·7	51·3	48·0	58·8	·393	·339	88	90	NW 5	NW 3	10	3	—	Cloudy and windy all day. ⁄
15	·827	·745	54·9	53·9	47·6	64·6	·349	·417	80	100	W by N 3	Calm 0	9	10	·430	●2 7p.—8.30p. (·405 in.)
16	·638	·485	57·2	61·3	47·3	64·4	·453	·536	97	99	W 1	W 1	10	10	·212	≋ a. Cloudy day. ●2 9p.
17	·411	·388	58·1	52·0	52·0	62·6	·400	·383	82	99	NW 4	Calm 0	6	9	·112	
18	·526	·724	57·1	55·9	52·0	65·7	·396	·386	84	86	W by N 4	Calm 0	6	10	·070	
19	·551	·487	53·1	52·1	48·6	68·1	·393	·334	97	85	S by E 3	W 5	10	7	·083	⌓ a. ⁄ rose fast from 6a., reaching force 9. Bar. 29·322 3.45p.
20	·823	·899	55·1	52·1	44·5	63·9	·346	·334	79	85	W 3	Calm 0	6	1	—	Squally 6a. ≋0 (mist) 9p.
21	·752	·814	56·9	48·9	47·7	60·2	·370	·341	80	99	Calm 0	Calm 0	10	10	·155	Wind rose 2p. ● 3p.—7p.
22	·829	·829	54·1	55·4	43·5	64·6	·384	·393	91	90	W by S 1	W 1	10	9	·340	≋ till 8a.
23	·756	·575	55·2	53·0	52·3	63·1	·433	·394	99	98	SE 1	Calm 0	10	10	1·514	K ●2 2p.—3p., then ●2 (1·410 in. by 9p.)
24	·564	·770	56·6	49·9	49·8	61·2	·386	·297	84	84	W by N 3	W by N 2	10	0	—	
25	·711	·332	53·5	60·0	45·8	60·1	·405	·505	99	98	S by E 2	sw by w 5	10	10	·431	≋2 6a. ≋0 9a. ● all day. Squally ⁄ p.
26	·284	·486	58·9	50·9	50·9	64·6	·384	·318	77	86	WSW 8	WSW 2	4	0	·020	Squally ⁄ a. and p.
27	29·716	29·895	50·2	46·9	45·8	61·9	·346	·274	96	86	N by E 1	WNW 1	10	0	—	Calm and sunny noon.
28	30·013	30·106	54·8	48·7	41·1	61·4	·327	·311	76	91	W by N 3	W by S 1	4	4	·182	
29	29·942	29·839	55·5	56·1	47·8	62·9	·429	·439	97	97	S by W 4	sw by w 3	10	10	·169	Dull day. Warmer.
30	29·787	30·019	59·1	49·8	49·0	62·4	·406	·330	81	92	W by N 2	NNW 2	8	10	—	Gloomy day. Wind backing.
31	30·164	30·240	49·9	48·1	45·9	54·0	·289	·324	82	96	NNE 3	N by W 3	10	8	·031	
Means	29·804	29·815	57·0	54·4	48·6	64·3	·393	·383	84·5	89·6	2·7	1·7	8·3	6·6	5·067	

CHURCHSTOKE.

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

AUGUST 1881.

Day.	Barometer at 32° and M. S. L. 9 a.m.	9 p.m.	Air Temperature. 9 a.m.	9 p.m.	Min.	Max.	Tension of Vapour. 9 a.m.	9 p.m.	Relative Humidity. 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	29·799	29·954	58·1	51·9	43·8	67·1	·299	·288	62	75	NW 1	NW 1	5	2	—	Bright and clear. ☂ p.
2	30·120	30·167	59·0	54·7	38·1	67·7	·304	·353	60	83	SE 1	SE 4	10	2	·056	∞. ☂ p.
3	·116	·250	64·0	63·4	53·5	66·1	·487	·496	82	85	SW 5	SW 2	10	10	—	⸝
4	30·301	30·212	65·0	54·4	54·0	71·7	·469	·382	77	91	WSW 1	SW 1	8	0	—	
5	29·995	29·931	68·2	56·9	51·7	75·1	·437	·364	63	79	W 3	W 2	1	1	—	Bright and hot.
6	30·074	30·189	55·1	52·3	50·5	69·7	·361	·334	83	85	W 3	W 0·5	10	6	—	
7	30·090	29·946	60·2	56·9	50·3	66·9	·424	·370	82	80	WSW 2	Calm 0	10	4	·010	Dull day. ☂ p.
8	29·777	·489	60·2	56·9	56·8	65·0	·477	·434	92	94	W 2	Calm 0	9	10	·180	
9	·612	·834	58·2	53·5	50·3	65·1	·377	·339	78	82	NW 3	NW 0·5	7	9	—	
10	·744	·936	54·9	52·9	50·7	63·9	·375	·251	88	64	SW 2	NW 4	10	1	—	Dull and cool. ☂ p.
11	·975	·890	53·4	53·8	50·1	63·0	·330	·391	81	94	WSW 3	Calm 0	10	10	·351	● 0 all day.
12	·804	·729	53·1	45·8	45·3	55·0	·378	·292	93	95	SE 0·5	Calm 0	10	7	·335	● most of day.
13	·718	·809	51·9	52·7	42·4	56·8	·311	·279	81	71	NW 2	NW 1	10	10	—	
14	·871	·942	54·4	53·1	50·1	58·9	·351	·317	83	78	NW 2	NW 1	10	10	—	Cool and cloudy.
15	·886	·754	53·0	54·7	45·8	61·3	·338	·396	84	93	NW 1	Calm 0	8	10	·030	Dull and cool.
16	·623	·497	56·0	53·4	51·1	60·7	·425	·385	94	94	SW 0·5	Calm 0	10	10	·515	● 2 showers. Warm.
17	·426	·395	56·2	51·2	46·4	59·5	·340	·374	75	99	W 3	Calm 0	7	3	·256	● showers all day.
18	·641	·782	56·1	51·9	47·4	65·0	·362	·344	80	89	NW 1	NW 1	8	5	·187	∞ a. Bright p.
19	·427	·600	54·1	50·6	48·0	66·9	·393	·298	93	81	SSE 3	W 2	10	1	·065	Breezy.
20	·858	·913	55·0	48·7	44·4	63·7	·329	·308	76	90	NW 3	Calm 0	8	1	·100	
21	·765	·800	51·7	51·4	46·5	58·3	·360	·351	94	92	E 0·5	S 0·5	10	2	·034	
22	·810	·824	54·7	56·1	48·6	66·1	·385	·367	90	81	NE 0·5	SW 0·5	8	10	·227	
23	·711	·556	55·9	51·7	51·2	63·7	·419	·365	94	95	SE 2	SW 1	10	5	·296	Distant T. ● 2
24	·666	·828	53·9	49·3	48·8	59·5	·331	·318	80	91	WSW 2	SW 1	8	0	·094	Wind rising p.
25	·567	·244	55·0	59·0	46·1	63·5	·409	·419	94	84	WSW 3	WSW 4	10	8	·210	● 2 a.
26	·284	·542	55·8	49·9	49·6	62·3	·316	·309	71	87	W 8	NW 2	5	4	·020	☂ a. Showery and gloomy.
27	29·770	29·954	50·9	44·6	43·8	60·0	·285	·256	77	87	WNW 1	NW 1	8	0	·050	
28	30·025	30·087	54·4	51·4	40·8	61·2	·309	·338	73	89	NW 3	W 1	7	10	·143	
29	29·869	29·806	60·4	53·2	50·5	68·1	·480	·400	93	99	SW 3	WSW 0·5	8	10	·384	● 2 with distant ⚡
30	29·823	30·132	57·1	48·4	47·8	58·0	·431	·274	92	81	W 0·5	NW 1	9	2	·106	● 2 showers. ≋ 0 (mist) p.
31	30·246	30·324	49·9	49·7	44·9	54·0	·263	·287	74	81	NNW 4	Calm 0	9	7	—	Cool and dull.
Means	29·819	29·849	56·3	52·7	48·0	63·3	·373	·344	81·9	86·1	2·2	1·0	8·5	5·5	3·649	

GELDESTON.

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

AUGUST 1881.

1	29·798	29·874	63·0	59·1	46·8	69·9	·347	·403	61	80	WNW 1	E 1	0	10	—	Mares' tails to S. 9a.
2	30·081	30·175	65·1	59·1	52·5	69·3	·383	·444	62	89	N 1	E 1	9	0	—	○ 0 Noon. ☂ 0 9p.
3	·201	·219	62·6	64·9	50·6	70·1	·379	·515	68	84	SW 2	WSW 2	10	10	·010	
4	·295	30·224	63·4	66·2	59·9	80·4	·498	·554	85	86	WSW 1	S 1	10	0	—	≋ 0 9a. ∞ 1p.
5	·109	29·908	71·3	67·9	56·0	81·4	·476	·505	62	74	SSW 3	SSW 1	0	0	—	∞ ☂ 2 early a. ☂ 0 9a.
6	·031	30·155	64·2	61·0	55·7	72·1	·357	·413	59	78	W 3	Calm 0	2	6	—	to S.E. 9a. [∞ ∞ 0 Ψ 2p.—3p.
7	30·148	29·989	63·1	61·1	50·3	73·8	·389	·466	68	86	W 2	S 1	1	6	—	9a. ○ 0 1p. 9p.
8	29·852	·584	67·0	62·0	53·7	76·0	·427	·542	64	98	SW 2	SSW 2	7	10	·540	
9	·426	·762	53·0	55·0	52·2	63·5	·397	·347	99	80	WSW 3	WNW 1	10	10	·340	
10	·774	·766	60·0	56·2	53·8	63·7	·364	·314	70	69	W 2	W 4	9	0	·020	☂ 0 9a. and p.
11	·937	·785	58·1	55·2	48·7	62·8	·293	·428	61	98	W 4	NNW 1	0	10	·480	● 1.30p.—9p.
12	·810	·629	54·6	51·6	48·7	58·7	·356	·363	84	95	W 1	Calm 0	10	10	·130	● 0 1.30p.—9p.
13	·603	·674	56·0	52·9	46·9	57·7	·329	·372	73	93	WNW 3	W 3	5	10	·040	
14	·726	·797	56·1	54·0	51·0	65·6	·362	·355	79	85	NNW 1	WNW 2	10	0	·050	
15	·812	·764	55·9	55·1	49·0	60·9	·349	·374	78	86	W 2	Calm 0	9	6	—	
16	·645	·512	57·2	58·1	52·7	63·4	·420	·474	90	98	Calm 0	Calm 0	10	10	·300	☂ 2 9a. No wind all day. ● 2 5p.
17	·386	·410	58·2	54·9	54·2	65·8	·445	·382	91	89	W 2	WSW 1	10	4	·010	Mares' tails 1p.
18	·489	·773	57·1	53·0	51·8	63·8	·371	·374	80	93	W 3	Calm 0	9	0	·110	≋ 0 ☂ a. ≋ 0 ☂ 2 9p.
19	·665	·485	56·0	57·2	51·3	65·9	·419	·316	93	67	SSE 2	SW 5	10	0	·110	
20	·824	·911	57·8	53·2	48·8	65·2	·312	·325	65	80	W 4	Calm 0	8	0	—	Coloured ○ 9a. ☂ 2 ≋ 0 9p.
21	·781	·802	56·9	53·0	50·1	61·4	·351	·374	75	93	W 1	NW 2	10	10	·130	
22	·871	·858	59·1	55·2	45·5	67·1	·376	·376	75	87	SSW 1	Calm 0	9	0	—	Coloured ○ 9a. ☂ 2 9p.
23	·817	·549	65·0	59·3	51·7	68·3	·413	·460	67	91	SSE 2	E 1	7	4	·040	☂ 9a. ∢ 0 11p.
24	·560	·741	59·1	53·9	53·6	66·2	·403	·288	80	69	WSW 4	W 3	9	0	—	Squally at times.
25	·805	·457	59·2	61·1	47·9	61·1	·402	·469	80	87	S 2	SSW 7	10	10	·180	Coloured ○ 7a. ☂ 9a. ⸝ 7p.—9p.
26	·359	·498	63·0	55·6	55·2	69·6	·361	·369	63	83	WSW 5	WSW 2	2	0	—	☂ 0 9a. and 9p. ⸝ Windy day.
27	29·692	29·868	54·8	51·9	48·2	59·2	·327	·339	76	88	WNW 3	Calm 0	9	4	—	∢ ☂ 0 ☂ 2 p. [(force 6.)
28	30·011	30·124	56·8	53·0	41·0	64·1	·325	·317	70	79	W 2	WSW 1	0	0	·010	☂ 2 9a. and 9p.
29	30·056	29·928	57·2	58·1	48·2	60·5	·400	·449	85	92	SSW 3	SSW 4	10	10	1·250	
30	29·783	29·624	57·8	53·8	53·4	65·5	·454	·389	94	93	SSW 1	NNE 3	10	10	·090	
31	30·079	30·137	53·2	51·1	50·7	57·8	·318	·340	78	90	N 4	NNW 2	9	1	·030	
Means	29·820	29·816	59·4	56·9	51·0	66·2	·381	·401	75·3	85·8	2·3	1·6	7·2	4·0	3·879	

CHELTENHAM.

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

AUGUST 1881.

Day.	Barometer at 32° and M. S. L. 9 a.m.	9 p.m.	Air Temperature. 9 a.m.	9 p.m.	Min.	Max.	Tension of Vapour. 9 a.m.	9 p.m.	Relative Humidity. 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	29·800	29·904	62·3	58·6	41·6	68·6	·364	·355	65	72	W 1	SW 1	4	10	·010	Fine day.
2	30·116	30·206	57·1	53·6	46·2	69·0	·351	·311	75	75	SW 1	SW 1	5	0	—	Very fine.
3	·185	·275	64·2	62·1	49·5	65·4	·470	·498	78	89	SW 4	SW 2	10	10	—	Dull.
4	·317	30·211	66·8	58·3	57·2	75·0	·482	·434	74	90	SW 2	SW 1	5	1	—	Very fine.
5	·054	29·945	67·5	63·0	54·4	80·4	·461	·485	69	84	S 1	SW 2	0	5	—	Very fine.
6	·097	30·149	62·8	57·9	54·6	69·6	·377	·379	66	80	SW 3	SW 2	5	1	—	Very fine.
7	30·135	29·958	60·6	59·5	45·6	67·6	·433	·418	82	83	SW 2	SW 2	6	1	—	Very fine.
8	29·793	·473	64·3	59·6	57·0	68·6	·480	·472	80	92	SW 2	SW 3	7	6	·480	● 2 11a.—3p.
9	·609	·857	60·8	57·3	51·2	66·4	·397	·336	75	72	SW 2	W 2	5	9	·010	
10	29·789	·947	58·4	55·6	53·6	66·0	·382	·274	78	62	SW 2	W 1	10	0	·020	Very windy, with ● 2 showers and T.
11	30·028	·890	56·3	54·2	43·5	67·0	·312	·409	69	98	W 2	W 1	10	10	·350	
12	29·797	·675	53·2	51·8	50·1	57·0	·379	·369	94	95	SW 1	Calm 0	10	10	·490	Gloomy all day.
13	·722	·791	52·5	54·2	37·4	58·1	·342	·322	87	76	W 1	NW 1	10	10	—	
14	·851	·925	56·7	55·0	51·5	61·0	·342	·325	75	75	W 4	NW 2	10	10	—	
15	·889	·744	55·1	59·1	48·5	63·3	·357	·431	82	86	W 1	W 2	9	9	·040	
16	·633	·492	60·3	57·5	52·6	67·0	·415	·449	80	95	W 1	Calm 0	8	10	·100	● early a. Fine till 4p., then T ● 2.
17	·464	·395	59·5	55·2	51·3	63·4	·349	·401	69	92	W 2	Calm 0	6	10	·250	Showery all day.
18	·606	·756	57·6	51·8	46·6	67·0	·385	·333	81	86	SW 1	SW 1	5	0	·030	Very fine.
19	·451	·648	57·2	51·8	48·4	69·0	·437	·285	93	74	S 6	S 2	10	0	—	Fine. Squally ⸝.
20	·897	·911	57·4	50·2	47·0	64·1	·319	·319	67	89	W 3	S 1	5	10	—	Very fine and bright till evening.
21	·765	·822	54·7	48·3	47·8	57·0	·403	·331	94	98	Calm 0	S 1	10	0	·490	● 8.30a.—2p.
22	·844	·846	59·4	56·8	46·0	67·0	·410	·422	82	91	SW 1	S 1	6	10	·320	Fine and bright till 7p. then ●.
23	·708	·558	63·0	54·6	54·0	63·6	·469	·424	82	99	SE 2	S 1	10	8	·440	● 2 showers at intervals all day.
24	·649	·828	58·6	53·6	50·0	62·3	·385	·351	78	85	SW 2	SW 2	7	0	·020	Bright but windy.
25	·662	·347	58·6	62·8	48·0	63·8	·430	·489	88	85	S 4	S 3	10	10	·300	● all day. ⸝
26	·365	·561	59·6	53·4	52·5	63·6	·362	·333	71	82	SW 6	SW 1	5	0	·040	∢ 8p.
27	29·742	29·938	53·4	46·6	44·5	61·1	·330	·298	81	95	SW 1	Calm 0	4	1	·010	Very fine. ∢ in E. 9p. Victoria plums [ripe (25 days [earlier than [in 1879).
28	30·063	30·123	56·3	53·3	37·2	63·5	·325	·322	72	79	SW 1	Calm 0	4	1	·020	Very fine and sunny.
29	29·916	29·825	61·4	57·8	48·6	65·9	·456	·441	84	92	S 4	S 1	10	8	·200	
30	29·830	30·041	58·6	50·6	50·0	64·3	·404	·339	82	93	SW 1	NE 1	6	10	·030	Very fine till 11a., then ●. Sudden [shift of wind to NE. [with squall, 2p.
31	30·205	30·281	51·5	45·6	44·0	55·0	·270	·287	72	94	N 3	N 1	8	10	—	
Means	29·838	29·846	58·9	55·2	48·7	65·2	·390	·376	78·2	85·7	2·2	3·3	7·1	5·8	3·650	

CARMARTHEN.

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

AUGUST 1881.

1	29·787	29·927	61·0	53·3	45·6	66·5	·416	·331	78	81	Calm 0	N 1	4	0	—	
2	30·112	30·162	56·0	57·6	44·2	64·9	·338	·424	75	88	E 1	SW 3	10	6	—	
3	·170	·271	60·8	60·0	57·4	62·3	·528	·511	98	99	SW 4	SW 2	10	10	·060	
4	·307	30·187	61·0	56·4	56·4	66·9	·512	·443	96	97	SW 1	Calm 0	10	0	—	
5	·002	29·972	66·1	55·5	53·9	68·9	·479	·419	76	96	SW 5	SW 1	9	2	·030	
6	·110	30·177	63·2	54·6	50·2	64·6	·384	·388	66	91	W 1	Calm 0	7	10	—	
7	30·105	29·900	60·2	60·3	54·0	65·2	·456	·447	88	86	S 2	SW 5	10	10	·100	
8	29·773	·522	61·0	58·4	57·8	63·2	·509	·470	95	97	SW 2	SW 2	10	10	·360	
9	·683	·864	60·0	55·9	49·9	64·8	·396	·375	76	84	W 1	W 2	5	10	·010	
10	·767	·920	60·6	53·6	52·6	66·2	·421	·312	80	75	W 4	W 2	10	0	·020	
11	·996	·888	57·3	59·5	49·9	66·6	·461	·491	98	97	SW 3	W 1	10	10	·410	
12	·767	·695	59·5	54·2	53·8	61·5	·491	·315	97	74	SW 1	N 3	10	7	·210	
13	·773	·865	56·2	52·9	48·2	59·8	·335	·324	74	81	NW 4	NW 1	6	10	—	
14	·905	·970	57·3	50·7	50·7	59·3	·373	·331	80	89	NW 1	Calm 0	5	1	—	
15	·893	·754	54·8	57·0	49·9	65·7	·412	·434	95	93	Calm 0	SW 1	10	10	·040	
16	·614	·514	59·7	55·8	54·2	63·3	·465	·394	92	88	Calm 0	Calm 0	10	3	·170	
17	·453	·413	57·8	54·9	45·1	62·8	·306	·396	82	92	W 2	Calm 0	10	5	·230	
18	·662	·761	62·1	54·1	47·0	65·4	·375	·378	68	90	NW 1	Calm 0	5	4	·420	
19	·371	·701	60·5	49·3	49·2	63·5	·512	·321	98	92	SW 3	Calm 0	10	0	·030	
20	·910	·890	57·9	52·1	42·1	64·0	·373	·334	78	85	W 1	Calm 0	3	10	·220	
21	·739	·779	54·9	53·2	49·9	59·2	·416	·385	97	96	S 1	Calm 0	10	5	1·020	
22	·812	·774	60·7	56·2	50·7	65·4	·406	·393	77	87	SW 2	NE 1	2	10	·160	
23	·694	·589	58·0	53·6	52·4	65·4	·441	·366	91	89	NE 1	Calm 0	10	1	·030	
24	·784	·828	56·2	52·0	48·7	60·9	·346	·358	76	92	NW 2	Calm 0	7	1	·800	
25	·506	·290	58·0	58·7	50·4	61·3	·475	·441	99	90	SW 2	W 6	10	10	·370	● 2 p. ⸝
26	·401	·589	59·4	49·9	49·9	62·7	·343	·328	68	92	NW 3	Calm 0	4	1	·050	⌒ 7p. ∢
27	29·770	29·952	52·1	47·3	44·5	62·2	·335	·295	86	91	Calm 0	Calm 0	7	0	—	
28	30·067	30·052	59·5	57·0	46·8	61·2	·469	·377	93	81	SW 3	SW 5	2	10	·780	
29	29·867	29·808	60·2	55·6	53·4	64·4	·511	·424	98	96	W 3	Calm 0	10	10	·170	
30	29·843	30·096	61·0	50·9	50·6	63·8	·457	·299	86	81	NW 1	Calm 0	10	0	—	
31	30·253	30·312	54·5	49·0	43·9	58·8	·257	·271	61	78	NE 4	N 4	1	0	—	
Means	29·836	29·853	58·9	54·5	49·9	63·7	·422	·380	84·6	88·6	1·9	1·3	7·6	5·4	5·690	

MARLBOROUGH.

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

AUGUST 1881.

Day.	Barometer at 32° and M. S. L. 9 a.m.	Barometer at 32° and M. S. L. 9 p.m.	Air Temperature. 9 a.m.	Air Temperature. 9 p.m.	Air Temperature. Min.	Air Temperature. Max.	Tension of Vapour. 9 a.m.	Tension of Vapour. 9 p.m.	Relative Humidity. 9 a.m.	Relative Humidity. 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	29·800	29·888	64·5	59·8	45·5	68·9	·379	·469	62	91	Calm 0	Calm 0	9	10	·040	
2	30·111	30·224	61·0	53·9	50·8	69·1	·371	·352	70	85	Calm 0	Calm 0	9	0	—	≋ (mist) p.
3	·243	·298	62·3	61·8	49·1	69·0	·446	·485	80	88	WSW 1	Calm 0	10	10	—	
4	·350	30·240	62·6	62·4	58·6	76·1	·475	·462	84	82	Calm 0	Calm 0	10	0	—	
5	·081	29·967	67·5	62·6	49·4	80·1	·467	·494	70	87	SSE 2	Calm 0	0	10	—	
6	·110	30·227	61·5	53·6	51·3	68·1	·391	·343	73	83	W 1	Calm 0	10	0	—	
7	30·170	30·013	63·0	56·9	50·1	68·7	·397	·396	69	86	WSW 2	SW 1	10	0	—	
8	29·854	29·575	61·4	59·9	53·4	66·1	·459	·505	85	99	SW 2	Calm 0	10	10	·720	
9	·623	·880	59·6	54·4	50·1	67·2	·371	·385	73	92	NW 1	Calm 0	7	9	—	
10	29·835	·959	57·4	54·7	52·6	66·4	·377	·292	80	68	W 1	Calm 0	10	0	·030	
11	30·061	·890	56·9	59·4	44·3	64·3	·329	·487	71	97	Calm 0	W 1	10	10	·410	
12	29·817	·649	52·9	53·7	52·2	60·9	·396	·407	99	99	Calm 0	Calm 0	10	10	·680	
13	·731	·806	54·6	52·7	43·6	61·1	·331	·296	78	75	W 1	Calm 0	10	5	—	
14	·857	·940	54·8	53·1	51·1	63·4	·339	·317	79	78	Calm 0	NW 1	10	10	—	
15	·912	·774	55·7	55·7	47·0	61·0	·357	·412	81	93	Calm 0	Calm 0	10	8	·020	
16	·649	·515	60·6	56·3	54·2	66·8	·407	·434	78	96	Calm 0	Calm 0	10	10	·310	
17	·494	·449	57·4	53·5	48·3	62·1	·346	·360	73	88	WSW 1	SW 1	9	4	·200	
18	·619	·792	60·6	53·7	46·6	66·3	·382	·342	73	83	W 1	Calm 0	9	1	·430	
19	·523	·681	56·7	50·0	49·4	65·9	·436	·296	94	82	S 1	Calm 0	10	0	—	
20	·925	·939	58·5	53·5	43·7	63·9	·323	·357	66	87	Calm 0	Calm 0	6	10	·010	
21	·777	·843	53·3	49·7	49·0	57·3	·365	·323	90	91	SE 1	Calm 0	10	0	·960	
22	·870	·853	60·5	56·5	45·1	67·1	·381	·396	73	86	SW 1	Calm 0	7	10	·430	
23	·722	·576	60·8	53·8	53·8	63·0	·454	·400	85	96	SE 1	Calm 0	10	9	·280	T p.
24	·690	·880	57·0	51·4	48·3	63·4	·374	·351	80	92	W 1	Calm 0	10	1	·090	
25	·720	·419	56·7	60·3	50·2	60·3	·427	·500	93	96	SW 1	SW 2	10	10	·540	
26	·433	·588	60·9	52·5	52·2	66·0	·370	·344	70	87	SW 2	Calm 0	7	7	·100	
27	29·737	29·940	56·8	47·6	47·0	63·0	·333	·298	72	91	Calm 0	Calm 0	8	0	—	
28	30·088	30·166	58·5	52·2	39·1	64·2	·325	·345	67	89	Calm 0	S 1	0	9	·330	
29	29·990	29·874	56·9	56·0	50·3	59·3	·447	·433	97	97	SW 3	SW 2	10	10	·630	
30	29·823	30·018	59·6	50·7	50·6	69·2	·428	·342	84	92	WNW 1	Calm 0	7	10	·030	
31	30·181	30·256	52·5	49·2	44·1	55·9	·292	·315	74	91	N 1	Calm 0	8	2	—	
Means	29·864	29·875	58·8	54·9	49·1	65·3	·386	·385	78·2	88·6	0·8	0·3	8·6	6·0	6·230	

STRATHFIELD TURGISS.

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

AUGUST 1881.

1	29·765	29·840	64·0	59·2	46·2*	72·3	·386	·489	65	98	SW 2	S 2	2	10	·194	
2	30·068	30·165	59·6	55·2	44·0	73·2	·401	·373	78	86	S 1	SE 1	5	0	—	
3	·186	·266	60·6	62·4	46·9	69·4	·451	·511	85	91	SW 3	SW 1	6	0	—	
4	·305	30·209	64·9	60·7	50·0	77·4	·496	·462	82	88	SW 3	SW 1	4	0	—	
5	·061	29·947	71·0	63·1	39·0	82·3	·512	·503	67	87	SW 1	SW 1	0	2	—	
6	·070	30·218	64·6	56·1	44·8	72·2	·424	·377	70	84	SW 3	SW 0–1	2	0	—	
7	30·118	29·979	63·8	57·0	38·2	70·1	·439	·412	74	88	SW 1	SW 1	6	6	—	
8	29·825	·542	65·0	61·3	44·9	67·0	·477	·528	78	97	SW 3	SW 1	8	9	·710	Squally 9a.
9	·573	·811	57·1	56·2	43·2	67·4	·356	·389	76	87	W 4	SW 1	9	4	—	Squally a.
10	·783	·879	60·0	55·0	45·6	70·0	·396	·323	76	75	SW 1	NW 4	8	0	—	Squally 9p.
11	·985	·819	60·9	61·0	37·8	70·2	·345	·509	64	95	SW 3	SW 3	8	10	·005	Squally a. and p.
12	·785	·571	53·2	58·1	43·8	63·4	·388	·473	96	98	SW 1	SW 1	10	10	1·337	Squally before 9a.
13	·669	·789	55·2	54·0	46·1	58·8	·325	·345	75	82	NW 1	NW 1	9	10	—	
14	·836	·916	56·8	55·5	52·7	63·9	·346	·344	75	78	W 3	W 1	10	9	—	
15	·911	·783	58·3	58·4	48·7	61·7	·365	·454	76	93	W 2	SW 1	9	10	·036	
16	·659	·485	60·0	57·2	47·9	68·1	·456	·453	89	97	W 1	SW 2	10	10	·064	
17	·490	·463	60·8	54·8	51·6	65·3	·357	·406	68	94	W 3	SW 2	4	8	·370	Squally 9a.
18	·611	·797	58·8	57·7	49·6	67·6	·364	·391	74	82	W 2	SW 1	5	7	·128	
19	·569	·672	58·4	53·0	52·9	66·5	·451	·318	92	79	S 2	SW 2	10	0	·007	Squally p.
20	·925	·936	57·6	54·7	46·6	65·9	·324	·366	69	86	W 3	SW 1	3	10	—	
21	·804	·839	56·7	49·3	49·3	58·5	·382	·342	83	97	S 1	W 1	10	0	1·004	
22	·888	·865	61·0	58·0	43·0	68·2	·374	·421	71	87	SW 4	SW 2	5	10	·118	
23	·739	·591	64·6	53·1	53·0	65·9	·461	·393	77	97	S 3	Calm 0	9	6	·351	T ≋ p.
24	·683	·872	60·3	52·9	50·0	63·9	·391	·339	75	85	W 3–4	W 1	6	0	·072	Squally a.
25	·756	·479	57·8	61·7	51·5	62·0	·430	·526	89	96	SW 2	S 3–4	10	10	·393	Squally mid-day.
26	·452	·575	61·7	53·7	51·7	65·6	·436	·378	80	92	SW 3–4	W 1	7	3	·221	Squally a.
27	29·731	29·928	57·7	50·8	47·4	64·3	·400	·329	84	86	NW 2	NW 1	4	4	—	
28	30·075	30·170	59·1	52·8	39·3	65·4	·333	·338	67	84	NW 1	SW 1	1	3	·127	
29	30·034	29·900	58·6	55·0	38·0	65·6	·457	·403	93	93	S 3	SW 2	10	10	·520	Squally mid-day.
30	29·839	29·969	59·3	53·2	51·5	67·7	·451	·371	90	92	W 1	NW 3–4	10	10	·044	Squally 9p.
31	30·163	30·243	52·9	50·8	47·7	58·1	·303	·312	76	84	N 2	N 2	9	4	—	Squally a.
Means	29·850	29·855	60·0	56·2	*	67·0	·402	·406	77·9	89·0	2·2	1·5	6·7	5·6	5·691	

* NOTE.—Most of the min. temps. appear to be much too low. They were taken by the deputy observer, who believes them to be accurate.

RAMSGATE.

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

AUGUST 1881.

Day.	Barometer at 32° and M. S. L. 9 a.m.	Barometer at 32° and M. S. L. 9 p.m.	Air Temperature. 9 a.m.	Air Temperature. 9 p.m.	Air Temperature. Min.	Air Temperature. Max.	Tension of Vapour. 9 a.m.	Tension of Vapour. 9 p.m.	Relative Humidity. 9 a.m.	Relative Humidity. 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	29·877	29·881	63·5	62·5	56·0	68·4	·396	·424	68	76	SW 2	Calm 0	9	10	—	
2	30·108	30·222	65·3	60·8	57·5	71·2	·479	·498	78	94	SW 1	Calm 0	7	0	—	Hot a. Overcast p.
3	·326	·324	66·1	61·5	52·1	71·0	·537	·511	85	94	SW 3	Calm 0	10	10	—	∞ 9p.
4	·333	30·225	69·5	60·1	59·2	73·3	·635	·485	88	94	SW 1	SW 2	0	3	—	
5	·141	29·975	70·1	61·5	52·0	74·3	·652	·535	89	98	Calm 0	SW 1	4	3	—	Sultry all day.
6	·142	30·203	69·1	61·8	52·5	74·7	·674	·541	72	98	SW 2	SW 2	5	3	—	Sultry all day.
7	30·192	30·022	69·1	58·0	56·2	69·3	·477	·427	67	88	SW 1	SW 4	5	2	—	
8	29·876	29·627	67·5	56·3	54·5	72·2	·533	·451	80	99	SW 3	SW 4	7	10	·150	● 8.30p.
9	·575	·880	59·5	56·5	54·7	64·3	·492	·409	97	89	SW 5	SW 3	10	10	·070	
10	29·866	·869	59·8	60·1	56·5	63·0	·487	·473	95	91	SW 4	SW 3	10	0	—	Fine day.
11	30·062	·884	63·7	63·1	51·3	69·0	·444	·487	76	85	SW 2	SW 6	5	10	·340	
12	29·884	·593	55·8	59·5	53·7	64·0	·413	·505	92	99	Calm 0	SW 1	10	10	1·220	● all day.
13	·651	·775	57·2	55·2	50·6	60·3	·352	·427	75	98	NW 3	NW 2	0	10	·080	
14	·790	·889	55·2	55·1	51·3	64·0	·427	·353	98	81	NW 4	NW 3	10	3	—	
15	·838	·801	57·1	57·0	53·6	65·0	·424	·459	90	99	Calm 0	SW 1	4	10	·040	
16	·646	·537	61·2	57·1	56·5	65·3	·533	·464	99	99	Calm 0	Calm 0	10	10	·390	● most of day.
17	·458	·498	59·2	56·2	55·0	66·0	·401	·413	80	91	SW 3	SW 2	9	10	·090	
18	·590	·837	55·0	57·4	52·1	65·2	·346	·459	80	97	W 1	Calm 0	7	8	·060	
19	·687	·666	59·1	57·0	54·5	63·3	·498	·431	99	92	SW 2	SW 6	10	1	·210	
20	·938	·989	60·5	56·1	48·1	62·7	·477	·391	91	87	W 3	NW 2	2	4	·060	
21	·854	·838	60·1	51·3	51·2	61·3	·457	·340	88	90	Calm 0	NW 1	5	0	·070	
22	·927	·837	61·3	57·5	49·9	63·4	·498	·430	92	91	W 1	SW 2	4	3	·170	● 2 showers 1.30p.—2.30p.
23	·884	·582	61·0	60·0	57·5	66·3	·501	·483	94	94	SW 1	SW 3	5	10	·260	● 2p.—4.30p.
24	·704	·865	61·0	58·0	54·5	66·8	·470	·437	88	89	SW 4	NW 2	5	10	·080	● 3.30—5p. ⊼
25	·764	·535	61·0	57·1	52·2	64·7	·529	·464	99	99	SW 4	SW 6	10	10	·060	Stormy.
26	·493	·594	61·0	56·5	56·3	67·4	·512	·409	96	89	SW 2	SW 4	5	1	—	
27	29·787	29·895	61·0	53·2	50·0	66·2	·439	·382	82	95	W 1	NE 3	0	7	·030	⊼
28	30·092	30·193	61·2	53·5	49·5	68·3	·500	·352	93	86	NE 2	NE 2	5	6	—	
29	30·201	29·988	60·1	57·2	49·5	66·4	·489	·428	94	91	SW 1	SW 1	8	10	·070	
30	29·787	29·916	59·1	58·0	50·2	66·7	·422	·433	85	89	SW 2	SW 1	7	10	·220	⊼ ● 4p.—5.30p.
31	30·091	30·102	57·0	56·0	49·2	65·3	·349	·343	75	76	NW 2	NW 2	1	5	—	
Means	29·889	29·872	61·5	57·8	53·2	66·8	·474	·440	86·6	91·5	1·9	2·2	6·1	6·4	3·700	

SOUTHAMPTON.

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

AUGUST 1881.

1	29·804	29·869	65·7	60·9	51·5	71·0	·427	·508	68	96	E 2	NE 2	9	10	·141	● 2 4.20p.—6.30p.
2	30·098	30·217	63·2	58·7	55·1	72·3	·435	·435	75	89	NE 1	W 1·5	9	0	—	
3	·275	·325	62·9	61·1	52·0	70·0	·475	·511	83	95	SW 3	SSW 1·5	10	9	—	p p p at night.
4	·360	30·253	61·6	57·3	57·2	74·6	·493	·458	90	97	SW 1·5	SW 2	10	2	—	a. and p.
5	·105	29·972	62·5	61·9	54·5	78·4	·513	·492	91	90	SE 2	WSW 2	10	4	—	on grass at night.
6	·127	30·216	66·0	59·4	53·9	69·1	·434	·402	68	80	W 2·5	NW 1	3	1	—	
7	30·186	30·033	63·5	58·4	51·2	68·1	·411	·436	71	89	SW 2	SW 2	10	1	—	
8	29·877	29·602	63·8	61·8	54·6	68·9	·477	·538	80	97	SW 3	SW 4	9	10	·500	● 2 2p.—8.30p.
9	·675	·889	58·2	57·0	51·8	67·6	·470	·388	97	83	W 4	WNW 3	10	2	—	
10	29·867	·959	61·0	58·5	55·2	70·1	·405	·386	76	79	WSW 3	WNW 3·5	10	0	·018	
11	30·092	·908	61·6	63·0	49·3	67·3	·379	·506	70	88	SW 2·5	SW 4	9	10	·155	
12	29·809	·618	60·9	60·0	59·9	63·8	·511	·511	96	99	SW 3·5	SW 3	10	10	·368	
13	·740	·809	58·0	53·2	47·0	63·0	·335	·318	70	78	NW 3	NW 2	9	9	—	
14	·857	·933	57·3	56·5	50·8	65·6	·348	·341	74	75	NW 3·5	NW 3·5	9	9	—	
15	·921	·779	59·4	59·0	51·3	63·2	·395	·467	78	94	W 3	WSW 3	10	9	·052	
16	·663	·518	60·9	57·9	57·2	64·1	·469	·470	88	98	W 3	SW 1	10	10	·185	
17	·515	·481	60·7	56·1	50·9	65·6	·384	·407	73	90	W 3	SW 3	8	2	·215	
18	·636	·803	63·7	58·7	50·5	70·7	·401	·420	68	86	WNW 3	SW 2·5	2	2	·135	
19	·553	·703	60·5	54·3	54·1	65·2	·514	·347	98	83	SW 4·5	WSW 3·5	10	0	·028	⸝ (force 6) all the afternoon.
20	·951	·936	61·9	56·5	48·2	67·0	·366	·390	67	85	WSW 2	SW 2	4	10	·052	
21	·770	·845	56·5	55·3	53·0	61·9	·427	·418	94	95	SSE 2·5	SW 2	10	10	·270	
22	·886	·837	64·9	59·0	51·6	68·1	·412	·461	67	93	SW 2	SE 3	7	10	·262	● 2 11a.
23	·726	·568	67·2	55·7	55·7	67·4	·515	·426	78	96	SE 3	SW 1	10	6	·295	
24	·719	·891	59·8	56·0	51·7	64·8	·432	·413	84	92	SW 2·5	SW 3·5	10	9	·150	
25	·763	·485	59·2	61·6	55·6	62·0	·471	·546	94	99	SW 4	SW 7	10	10	·790	⸝ (force 7) from Noon.
26	·483	·646	63·3	54·6	54·2	65·9	·448	·383	78	90	SW 4·5	WSW 2	9	3	·015	⸝ ● in past n. ⸝ (force 6) during day.
27	29·752	29·927	62·5	53·5	49·4	66·9	·382	·340	68	83	NW 2	WNW 2	1	1	—	
28	30·113	30·193	61·4	54·3	42·6	66·3	·372	·360	69	86	NW 2	WSW 2	0	0	·162	
29	30·043	29·919	58·1	57·5	53·1	61·6	·468	·455	96	95	SW 6	SW 2	10	10	·528	● ⸝ (force 6) 3.30a.—11a.
30	29·841	29·965	63·1	54·7	54·1	68·5	·467	·400	81	93	W 2	NNE 5	8	10	·040	
31	30·156	30·231	52·1	52·5	47·5	58·7	·314	·309	80	78	N 3·5	NW 4	10	10	—	
Means	29·883	29·882	61·3	57·6	52·4	67·0	·431	·427	79·7	89·4	2·9	2·7	8·3	6·1	4·361	

ST. LEONARDS.

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

AUGUST 1881.

Day.	Barometer at 32° and M. S. L. 9 a.m.	9 p.m.	Air Temperature. 9 a.m.	9 p.m.	Min.	Max.	Tension of Vapour. 9 a.m.	9 p.m.	Relative Humidity. 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	29·838	29·874	61·2	60·6	55·9	66·6	·384	·467	72	88	E 2	NNE 1	9	10	·021	
2	30·098	30·223	65·3	59·5	57·9	71·2	·471	·448	76	89	Calm 0	W 1	8	0	—	☂ 9p.
3	·307	·343	61·1	60·6	54·2	64·3	·457	·499	85	94	SW 3	W 3	10	10	—	Overcast all day.
4	·365	30·276	62·7	58·7	58·5	65·4	·514	·491	91	100	SW 2	? SW 1	10	10	—	≋ from 3p.
5	·145	29·989	65·8	63·6	54·9	73·3	·506	·485	80	83	SE 2	WNW 2	0	1	—	≋° early a. Wind veered during day.
6	·141	30·227	64·3	58·6	56·0	68·0	·448	·442	75	90	WNW 3	WNW 2	2	0	—	☂ 9p. [Very fine.
7	30·220	30·065	62·6	59·6	53·5	64·8	·395	·426	70	83	S 2	SW 2	3	0	—	Very fine day.
8	29·912	29·680	65·0	61·8	58·8	66·9	·494	·542	81	98	SW 2	S 6	3	10	·195	⸝ (gale) after 9p.
9	·632	·869	60·3	58·6	53·9	65·2	·320	·385	61	78	W 7	W 2	4	3	—	⸝ (gale) in past n. and till 10a.
10	29·885	·923	60·2	58·5	54·9	66·0	·401	·400	77	81	W 3	W 3	10	0	—	[fall 10a.
11	30·082	·899	60·5	61·3	48·6	63·3	·318	·505	60	93	W 4	W 7	1	10	·225	⸝ (gale) from Noon. Bar. began to
12	29·849	·640	56·7	60·5	55·1	61·5	·454	·507	99	96	SE 2	SW 5	10	10	·545	Overcast all day with almost continuous
13	·693	·795	58·4	54·6	49·7	61·9	·352	·350	72	82	NW 3	WNW 2	1	10	—	[●. Wind WSW. 10a.
14	·822	·911	55·9	54·5	51·8	64·6	·359	·362	80	85	NW 4	NW 2	10	1	—	
15	·907	·813	58·8	59·2	49·2	62·6	·359	·455	72	91	NW 3	WSW 3	6	10	·040	
16	·663	·529	59·7	57·4	57·2	64·8	·467	·435	92	92	WSW 1	WSW 1	10	10	·261	
17	·499	·517	61·3	58·6	54·7	63·6	·336	·380	62	77	W 4	W 7	2	3	·316	⸝ from 10a. ●² 11.30p.
18	·616	·841	58·5	58·7	52·7	65·0	·370	·443	75	90	WNW 3	WNW 3	8	2	·128	⸝ (gale) in past n.
19	·677	·684	57·4	57·2	56·0	62·6	·438	·354	93	75	SSW 5	WSW 4	10	9	·129	
20	·955	·973	60·9	57·2	50·0	62·9	·321	·381	60	81	WSW 3	WSW 1	3	8	·060	○ a. Red sunset.
21	·812	·879	60·1	55·7	53·9	61·3	·397	·385	77	87	SSE 1	W 3	8	2	·123	⸝ during day.
22	·930	·909	62·4	59·7	53·9	64·0	·411	·425	73	83	WSW 4	SSW 1	3	9	—	Evening obs. at 9.25p. [after 10p.
23	·792	·595	61·5	58·9	58·8	67·2	·436	·462	80	94	ESE 3	S 3	9	2	·528	T● p. ☾ in SE.—SW. later p. ●
24	·724	·919	60·7	56·5	54·6	62·9	·398	·379	75	83	WSW 6	WSW 4	5	2	·413	⸝ morning and afternoon. ●² after [11p.
25	·849	·594	57·9	60·6	55·0	61·9	·455	·496	95	94	SSW 6	SSW 8	10	10	·361	⸝² (gale) from 3p. Very high tide at [night, damaging Parade.
26	·513	·614	61·1	58·6	58·0	63·8	·457	·391	85	79	WSW 6	WSW 6	9	1	·039	⸝² (gale) in past n. ⸝ (force 6)
27	29·758	29·914	61·5	54·3	51·6	63·5	·382	·374	70	88	W 2	NW 2	3	1	·173	☾ ● 7.30p. [most of day.
28	30·108	30·216	57·9	54·3	47·6	62·2	·336	·347	70	82	WNW 3	W 2	0	1	·016	
29	30·124	29·985	58·5	60·7	54·2	60·9	·435	·438	88	83	SSW 5	S 6	10	10	·150	
30	29·848	29·924	60·7	57·6	56·1	65·9	·469	·438	89	92	WSW 2	NW 3	9	10	·269	● ⸝ (gale) in past n. T in after-
31	30·105	30·184	56·6	50·5	50·5	59·8	·311	·319	67	87	NNE 5	N 4	1	1	—	[noon.
Means	29·899	29·897	60·5	58·3	54·1	64·4	·408	·426	77·5	87·0	3·3	3·2	6·0	5·4	3·992	

DARTMOOR.

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

AUGUST 1881.

1	29·800	29·900	64·0	61·0	48·0	67·0	·388	·348	93	93	NE 2	N 2	9	9	—	
2	30·119	30·276	55·0	49·0	45·0	60·0	·403	·322	93	93	NW 2	SW 1	7	0	—	
3	·275	·354	56·5	57·0	48·0	61·0	·457	·465	100	100	SW 3	SW 1	10	10	—	≋ a. and p.
4	·355	·268	62·0	55·0	54·0	65·0	·454	·375	82	87	S 1	S 1	10	0	—	
5	·061	·051	66·0	53·0	53·0	68·0	·501	·374	79	93	S 2	SW 2	0	10	·060	≋ 9p.
6	·176	·203	56·0	53·0	49·0	60·0	·364	·374	81	93	NW 2	SW 1	10	10	—	
7	30·420	30·030	57·0	52·0	48·0	59·0	·424	·361	93	93	SW 3	SW 3	10	2	·090	
8	29·859	29·678	58·0	50·0	50·0	58·0	·482	·361	100	100	SW 1	SW 4	10	10	1·250	≋ 9a.
9	·829	29·958	51·9	50·0	45·0	58·0	·386	·334	100	93	NW 3	NW 1	10	10	·140	
10	29·869	30·086	56·0	50·0	48·0	58·0	·449	·309	100	86	NW 6	N 3	10	0	—	
11	30·139	29·986	52·0	50·0	46·0	59·0	·335	·334	86	93	W 3	NW 2	10	10	·360	
12	29·877	·688	49·0	54·0	45·0	58·0	·348	·418	100	100	SW 2	NW 2	10	10	1·050	≋ p
13	·816	29·914	54·0	48·0	43·0	56·0	·289	·309	69	93	N 1	N 1	5	4	—	
14	·965	30·020	49·0	47·0	45·0	55·0	·275	·275	79	86	N 2	N 1	10	5	·060	
15	·932	29·809	52·0	54·0	45·0	57·0	·388	·418	100	100	W 1	SW 2	10	10	·040	≋
16	·660	·552	53·7	51·2	51·2	56·3	·413	·377	100	100	SW 1	W 1	10	10	·290	≋
17	·559	·520	51·0	50·0	48·0	57·0	·361	·361	97	100	NNW 3	NW 5	10	10	·330	
18	·718	·780	54·0	51·0	50·0	60·0	·361	·348	86	93	NW 2	NW 2	7	10	·470	
19	·514	·803	50·0	46·0	45·0	60·0	·361	·287	100	93	WSW 6	W 2	10	2	·020	
20	·958	·923	54·5	50·6	45·2	57·3	·330	·361	98	98	W 3	S 1	6	10	·100	
21	·772	·867	51·2	50·4	48·2	57·6	·339	·364	91	99	SSW 1	SW 2	10	10	·110	≋ before 9a.
22	·861	·795	56·9	55·0	49·0	59·0	·351	·418	96	97	S 3	SW 2	7	10	·750	
23	·679	·636	59·0	50·0	50·0	63·5	·355	·361	71	100	S 1	W 3	3	4	·450	☾ p.
24	·798	·900	52·9	51·7	48·6	57·8	·312	·384	78	100	N 3	NW 2	10	10	1·160	≋ p.
25	·637	·439	55·2	52·5	47·0	57·5	·436	·396	100	100	SW 6	SW 5	10	10	1·470	
26	·491	29·681	52·5	48·0	47·5	56·0	·381	·335	97	100	SW 4	N 2	10	10	·380	
27	29·794	30·014	51·0	46·0	45·2	55·4	·309	·264	83	86	Calm 0	N 1	0	0	·170	≋ 9p. <
28	30·149	30·166	53·5	50·8	42·0	56·0	·334	·361	81	97	SW 1	SW 2	10	10	—	
29	29·960	29·887	52·0	51·5	50·2	56·0	·335	·381	86	100	Calm 0	Calm 0	10	10	·920	
30	29·814	30·049	55·2	48·0	48·0	60·0	·409	·286	92	86	NW 1	N 6	4	3	·080	
31	30·226	30·306	47·0	43·0	41·0	53·0	·258	·234	80	84	NNE 5	N 2	10	0	—	
Means	29·898	29·921	54·1	50·6	47·4	58·4	·374	·351	88·7	94·7	2·4	2·1	8·3	7·1	9·750	

BABBACOMBE.

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

AUGUST 1881.

Day.	Barometer at 32° and M. S. L. 9 a.m.	9 p.m.	Air Temperature. 9 a.m.	9 p.m.	Min.	Max.	Tension of Vapour. 9 a.m.	9 p.m.	Relative Humidity. 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	29·806	29·915	59·3	56·9	51·1	61·9	·433	·401	86	87	ENE 1	NNW 2	9	9	·280	☂ before 9a. ≋ 2p.—3.15p.
2	30·131	30·236	63·4	55·8	49·8	69·7	·356	·371	61	83	NNW 2	SW 3	5	0	—	Wind E. 10a. ☂ p. [after 8p.
3	·268	·331	62·5	59·8	54·7	68·7	·482	·487	86	95	WSW 5	WSW 4	10	10	—	before 9a. ○ 4p.—5.30p. ☂²
4	·358	·248	64·9	55·6	55·1	73·9	·485	·412	79	93	NE 1	NNE 1	3	2	—	in past n. ≋ ☂² p.
5	·079	·009	62·0	60·2	53·6	77·7	·491	·424	89	82	ENE 1	W 2	1	4	—	n. ≋ till 8.15a.
6	·163	·253	61·0	54·8	53·0	67·7	·406	·360	76	84	W 3	W 1	9	2	—	n. and p.
7	30·179	30·025	61·9	56·9	51·3	65·8	·454	·418	83	90	SSW 2	SW 3	9	2	—	n. ≋° (mist) a. ☂² after 8p.
8	29·850	29·624	63·3	59·8	56·3	65·4	·543	·494	93	96	SSW 4	WSW 5	10	10	·370	before 9a. ≋° (mist) a.
9	·780	29·945	59·6	55·6	49·9	67·4	·401	·364	78	82	W 4	WSW 2	5	8	·010	Squally a. ☂ p.
10	29·860	30·061	62·0	54·8	53·5	67·9	·500	·331	90	77	WSW 4	WNW 3	9	0	—	≋° ☂ before 9a. ☂° p.
11	30·117	29·970	57·8	60·8	48·2	65·7	·309	·489	83	92	WSW 3	WSW 5	10	10	—	☂ before 9a. Squally p.
12	29·846	·667	59·8	58·8	58·7	63·5	·469	·480	91	97	WSW 4	W 2	10	10	·220	
13	·809	29·890	58·9	52·0	48·0	64·7	·339	·315	69	81	NNW 2	W 2	6	1	—	☂ p.
14	·940	30·018	56·3	52·1	49·0	61·5	·325	·329	72	84	NW 2	WSW 2	9	9	—	☵° 11.30p.—11.45p. ☂ a. and p.
15	·951	29·810	57·1	58·0	51·9	67·3	·386	·457	83	94	WSW 3	SW 3	10	10	·110	before 9a.
16	·664	·563	57·8	55·7	55·7	61·2	·454	·400	94	90	SSW 2	W 2	10	5	·080	≋° (mist) a. and p. ☂ after 8p.
17	·554	·509	59·9	53·9	52·0	63·8	·351	·370	68	89	W 4	WSW 5	9	4	·180	Squally a. ☂ after 11p.
18	·688	·816	63·2	54·2	50·2	70·9	·393	·377	68	90	W 3	WSW 2	3	4	·290	☂ n. and p.
19	·498	·755	61·9	52·4	52·4	63·9	·509	·343	93	87	SW 6	WSW 3	10	0	—	Squally ⸝ (gale) mid-day. ☂ p.
20	·953	·911	62·8	55·8	46·1	66·3	·366	·401	64	90	WSW 2	S 2	3	9	·260	☂² in past n. ○ Noon. ○° 1.45p—5p.
21	·746	·850	56·3	54·1	53·0	65·7	·427	·378	94	90	SE 1	WSW 3	9	2	—	a. and p. [☂° p.
22	·864	·777	62·9	57·6	52·0	65·6	·399	·459	70	97	S 2	E 2	8	10	1·280	☂ in past n. ≋° (mist) p. Wind S. 10p.
23	·695	·603	62·2	53·8	53·8	66·6	·491	·391	88	94	Calm 0	WSW 1	9	6	·010	≋° (mist) before 9a. ☂ p.
24	·789	·893	58·8	56·0	50·6	66·4	·338	·399	68	89	WNW 4	WSW 4	3	10	·260	☂ before 9a.
25	·663	·442	58·3	60·3	56·0	60·9	·470	·516	97	99	SSW 6	SW 7	10	10	·710	Squally ⸝ p. [Midt.
26	·505	·660	58·3	52·8	52·8	65·2	·425	·364	88	91	WSW 4	WSW 3	8	9	·100	☾² 3.20p. T 5p. < in NE. 11p.—
27	29·784	29·985	59·8	49·6	49·0	64·9	·349	·286	68	81	NW 3	WNW 2	2	0	·010	in NNE. till 0.30a. ☂° p. [SE. 9.30p.
28	30·129	30·153	61·3	54·8	45·8	66·5	·351	·384	65	89	WSW 2	SW 3	3	9	·290	☂ before 9a. ☂² n. [p.
29	29·972	29·868	58·0	54·8	54·7	60·1	·465	·415	97	96	SW 5	SW 2	10	9	·190	Squally ⸝ (gale) mid-day. ≋° (mist)
30	29·854	30·027	63·8	54·7	52·9	67·5	·472	·345	80	81	WNW 1	NNE 4	9	10	·140	Squally p.
31	30·204	30·272	53·9	51·9	47·6	58·4	·277	·271	67	71	NNE 3	NNE 4	9	1	—	Squally before 9a.
Means	29·894	29·906	60·3	55·6	51·9	65·9	·420	·395	80·3	88·4	2·9	2·9	7·4	6·0	4·790	

ST. AUBIN'S, JERSEY.

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

AUGUST 1881.

1	29·839	29·922	68·7	61·8	61·0	73·1	·556	·521	79	94	SSW 1	W 1	9	9	·103	Very unsettled.
2	30·178	30·316	65·2	56·4	56·1	67·1	·413	·399	67	88	NW 2	Calm 0	2	0	—	☂ a. Extremely fine day. ☂° p.
3	·381	·399	63·3	60·0	55·2	69·2	·439	·485	75	94	SW 2	Calm 0	0	5	·002	☂ a. and p. ∞. Extremely fine day.
4	·405	·279	68·0	63·3	56·7	73·9	·524	·451	77	77	SW 2	Calm 0	1	0	—	☂² a. Perfect weather.
5	·138	·089	72·0	62·3	59·4	79·2	·514	·513	65	91	Calm 0	SW 1	0	5	—	Extremely fine and warm. ∞. ☂° p.
6	·241	·301	67·4	58·0	57·9	70·7	·457	·421	68	87	NW 2	Calm 0	1	0	—	Extremely fine. ☂° p.
7	30·260	30·106	67·1	60·4	55·0	68·6	·446	·410	67	78	S 2	Calm 0	3	4	—	Extremely fine, with ∞.
8	29·977	29·799	65·0	63·4	56·0	70·7	·472	·559	77	96	SW 2	SW 3	9	10	·150	
9	29·868	30·022	63·6	58·0	55·1	67·0	·416	·393	71	81	W 3	WbyN 2	3	4	·058	Very fine from 11a. ☂° p.
10	30·022	·143	59·3	57·8	55·0	67·0	·403	·415	92	86	SW 3	NW 2	10	1	·005	●° a. Fine p. ☂° p.
11	30·227	30·120	64·0	62·3	55·2	66·8	·403	·512	67	94	SW 3	SW 3	5	10	·015	Very cloudy p.
12	29·992	29·789	61·0	61·7	60·1	66·0	·503	·523	94	95	SW 3	SW 4	10	10	·240	Gloomy.
13	·830	29·925	60·4	55·2	54·0	65·0	·345	·347	65	80	NbyW 3	NW 1	3	1	—	●° n. and a. Day very fine but cool.
14	29·971	30·053	62·2	56·0	53·9	66·5	·326	·340	58	75	NW 2	NW 2	6	1	—	Hot sunshine at times.
15	30·033	29·904	61·6	59·8	54·3	63·3	·398	·488	73	95	WbyN 2	SW 4	10	10	·335	Gloomy day.
16	29·758	·638	60·0	58·2	57·3	62·7	·485	·442	94	91	Calm 0	SW 2	10	10	·593	Gloomy with ●² showers.
17	·654	·666	61·5	58·6	55·4	65·7	·365	·372	67	76	NW 3	W 4	4	8	·025	
18	·766	·892	59·9	57·9	55·0	63·9	·399	·422	78	88	W 4	Calm 0	5	0	·010	☂° p.
19	29·683	·822	64·0	57·0	56·6	64·0	·367	·356	93	76	SW 4	NW 4	10	1	·295	Gloomy, with ●
20	30·027	·940	60·9	59·9	54·8	65·2	·355	·424	66	83	NW 2	E 2	3	10	·330	Gloomy at night.
21	29·795	·942	60·6	58·0	55·2	65·3	·421	·401	80	83	SW 6	SW 5	2	4	·020	Rough ⸝ p.
22	·946	·844	61·9	62·9	56·1	67·2	·460	·495	84	87	S 3	SE 3	5	8	·050	○ at times.
23	·744	29·887	60·9	56·7	53·6	62·9	·411	·438	96	95	SW 2	W 1	10	10	·750	Gloomy. T° ●
24	·871	30·004	58·2	59·2	54·1	62·3	·418	·408	86	82	W 5	SW 5	8	1	·130	
25	·879	29·659	60·1	62·0	57·0	64·2	·490	·554	94	96	SW 5	SW 6	10	10	·390	Rough ⸝ (gale in exposed places). ●
26	·629	·741	62·6	58·2	57·0	65·9	·486	·374	85	77	SW 6	W 6	7	1	·050	⸝ (gale in exposed places).
27	29·817	29·993	59·2	56·1	54·8	62·0	·436	·364	88	89	NW 3	NW 2	4	1	—	Day extremely fine. Cold night.
28	30·188	30·266	61·8	56·0	50·0	65·8	·352	·365	64	81	WbyN 2	SW 1	6	4	·012	☂ a. Day fine. Bar. rising all day.
29	30·155	29·987	60·3	58·7	55·8	63·1	·449	·462	86	94	SW 3	SW 2	10	10	·270	Day gloomy and squally. [☂° p. ☾ T in [SE. 9.30p.
30	29·926	29·987	61·0	58·4	56·5	66·1	·461	·454	86	93	W 3	NW 1	10	1	·153	● a. Fine p. ☂ p.
31	30·154	30·243	55·4	55·4	54·0	58·8	·345	·287	79	65	NE 3	NE 3	10	10	—	Gloomy a. Cold breeze all day. Very [dry p.
Means	29·979	29·980	62·5	59·0	55·7	66·4	·441	·432	78·2	85·7	2·8	2·3	6·0	5·1	3·986	

NOTE.—The observations from the 18th—27th, inclusive, were (except rainfall) taken at Noirmont (the Telegraphic Reporting Station) with Standard instruments.

Earth temperature:—Mean of readings at 9a. every third day, at 1 foot 64°·7, 3 feet 64°·7, 6 feet 60°·3.

LONDONDERRY.

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

AUGUST 1881.

Day.	Barometer at 32° and M. S. L. 9 a.m.	Barometer at 32° and M. S. L. 9 p.m.	Air Temperature. 9 a.m.	Air Temperature. 9 p.m.	Air Temperature. Min.	Air Temperature. Max.	Tension of Vapour. 9 a.m.	Tension of Vapour. 9 p.m.	Relative Humidity. 9 a.m.	Relative Humidity. 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	29·788	29·971	58·1	47·9	46·4	63·4	·310	·299	65	91	NNW 1	NE 1	6	0	—	Fine and clear all day.
2	·976	29·789	60·7	60·8	41·9	68·5	·323	·471	61	88	S 2	SW 4	5	10	·140	Fine till 4p., then ● at intervals.
3	29·936	30·116	57·7	56·7	54·0	64·0	·384	·401	80	87	WSW 3	Calm 0	10	10	·010	
4	30·097	29·969	66·0	66·7	55·8	75·8	·526	·530	83	81	SW 2	SSW 3	8	6	·100	
5	29·704	·719	59·4	53·7	52·8	67·0	·431	·387	86	94	S 3	WSW 4	9	10	·090	Squalls of wind and ● during day.
6	·958	·969	57·7	58·5	52·8	63·2	·381	·386	79	78	S 2	S 3	10	10	·030	Fine but cloudy.
7	·816	·584	63·7	57·7	56·8	65·0	·491	·453	82	95	SW 2	SW 4	10	10	·120	
8	·665	·528	59·6	54·7	53·8	64·0	·381	·407	75	95	SW 1	NE 3	10	10	·320	Fair till 6p., then ●.
9	·744	·804	57·7	53·8	51·7	60·2	·343	·356	72	86	NW 2	Calm 0	9	10	·040	Fine, but cloudy.
10	·603	·906	56·2	52·5	49·4	61·1	·413	·317	91	80	SW 3	W 3	10	5	·100	
11	·868	·904	55·2	49·7	47·8	60·0	·376	·312	87	88	W 1	W 1	10	1	—	Fine, but overcast.
12	·827	·789	56·7	52·6	42·8	62·0	·349	·335	75	84	W 1	N 1	10	6	·010	Fine, but overcast.
13	·788	·867	55·0	52·7	49·8	60·0	·289	·325	67	81	NW 2	NW 2	9	9	·050	
14	·926	·925	54·3	51·7	49·8	58·9	·349	·337	82	88	NW 2	NW 1	10	8	·040	●0 in the morning, otherwise fine.
15	·787	·712	53·8	53·8	49·8	63·2	·395	·407	95	98	W 1	Calm 0	10	10	·080	
16	·557	·464	58·5	53·5	51·0	62·8	·420	·343	85	84	S 1	SW 2	10	9	·160	
17	·378	·492	55·1	53·8	50·7	63·1	·374	·369	86	88	Calm 0	Calm 0	10	8	·010	
18	·632	·680	57·0	48·6	47·6	62·0	·349	·318	75	93	NNW 1	Calm 0	8	3	—	Fine, but overcast.
19	·513	·594	53·5	49·8	46·7	58·0	·334	·335	81	93	Calm 0	NW 1	10	2	·060	
20	·793	·836	54·7	51·0	48·0	62·6	·333	·353	77	94	W 2	Calm 0	10	7	·020	
21	·779	·818	56·7	49·7	41·7	62·8	·346	·323	75	91	NE 1	Calm 0	2	2	—	Fine, but cloudy.
22	·876	·887	58·2	47·4	43·9	62·9	·314	·296	65	91	NE 1	Calm 0	4	0	—	Fine and clear all day.
23	·808	·701	60·7	53·0	39·4	64·3	·335	·347	63	86	NE 1	NE 1	6	10	·180	Fine and clear.
24	·686	·744	51·9	45·9	45·0	58·1	·359	·290	93	95	W 1	Calm 0	10	0	—	
25	·495	·089	52·7	50·8	42·0	54·0	·351	·361	88	97	NE 1	NE 3	10	10	1·120	Constant ● from 9a.
26	·232	·597	50·7	50·2	48·2	53·1	·334	·315	90	87	NW 3	NW 1	10	10	·180	●0 all day.
27	·779	·856	55·5	47·7	44·4	60·0	·319	·294	72	89	W 2	W 2	3	1	·030	
28	·913	·048	52·2	46·9	43·7	60·1	·355	·316	91	99	W 2	Calm 0	8	0	·110	
29	29·825	29·857	52·7	53·5	43·9	55·9	·362	·367	91	89	NE 2	NE 2	10	10	·030	
30	30·070	30·238	57·3	45·7	44·9	60·1	·302	·390	64	95	NE 2	E 1	3	0	—	Fine and clear all day.
31	30·356	30·405	57·7	43·7	38·0	60·5	·314	·269	66	94	NE 1	NE 1	5	0	—	Fine and clear.
Means	29·780	29·799	56·7	52·1	47·6	61·8	·363	·355	78·8	89·6	1·6	1·4	8·2	6·0	3·030	

MARKREE CASTLE.

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

AUGUST 1881.

1	29·806	29·954	56·4	48·5	41·3	62·4	·337	·316	74	94	NW 2	Calm 0	10	10	—	☽ 9p.
2	·953	29·798	60·1	60·0	41·7	67·4	·366	·469	71	91	SSE 3	S 2	10	10	·130	
3	29·979	30·117	60·8	58·1	53·4	67·4	·388	·453	74	94	WSW 4	S 1	10	10	—	
4	30·100	29·930	64·2	65·1	57·3	73·2	·526	·526	88	86	S 3	S 4	10	10	·163	
5	29·702	·755	59·8	55·1	53·6	66·0	·438	·353	85	81	S 4	S 2	10	10	·062	
6	·987	·964	56·1	58·5	53·1	65·5	·374	·477	82	98	W 2	SW 3	10	10	·013	
7	·795	·664	60·0	57·4	57·1	63·4	·488	·447	95	95	S 4	SW 3	10	10	·089	
8	·662	·512	55·3	52·1	50·6	63·8	·402	·365	92	93	Calm 0	Calm 0	10	10	·228	
9	·794	·823	55·7	52·1	49·5	60·4	·363	·355	82	91	NW 3	Calm 0	10	10	·008	☿ at night.
10	·688	·976	57·1	52·4	49·9	60·4	·379	·308	82	79	W 4	WNW 2	9	10	·227	
11	·856	·897	52·0	52·1	49·3	56·8	·304	·363	94	93	Calm 0	Calm 0	10	10	·072	☿ at night.
12	·806	·819	54·4	52·6	41·4	4·4	·341	·312	81	78	Calm 0	N 3	10	5	—	
13	·831	·915	56·4	53·9	51·2	59·0	·326	·293	71	71	NNW 5	NNW 4	8	10	·036	
14	·960	·937	56·9	52·4	50·4	59·2	·314	·358	68	91	NNW 4	Calm 0	6	10	·042	
15	·794	·704	54·9	54·2	50·1	58·4	·407	·388	95	93	NW 2	Calm 0	10	10	·181	
16	·549	·434	55·1	53·2	52·4	64·3	·405	·371	93	92	Calm 0	SW 2	10	10	·059	☾ 6p.
17	·339	·509	55·1	53·1	48·7	62·4	·377	·370	87	91	Calm 0	Calm 0	8	5	·115	
18	·648	·662	56·2	51·6	51·1	60·2	·360	·343	79	90	NW 1	Calm 0	10	10	·045	
19	·505	·643	53·3	52·1	48·3	57·4	·321	·339	79	86	Calm 0	NW 3	10	10	·027	
20	·817	·819	55·8	49·1	47·4	63·0	·348	·334	78	96	Calm 0	Calm 0	10	10	·043	
21	·726	·790	57·2	52·9	36·7	65·4	·365	·351	78	88	Calm 0	NE 2	8	10	·020	T 6p.
22	·838	·843	56·1	50·1	48·8	62·6	·349	·292	77	81	NE 2	ENE 2	10	1	—	
23	·770	·700	54·4	49·0	42·4	60·4	·332	·303	79	87	NE 2	Calm 0	7	0	·018	☽ 9p.
24	·714	·725	54·1	45·1	41·5	59·9	·349	·279	84	93	NW 1	Calm 0	10	0	·094	☽ 9p.
25	·344	·049	54·1	50·0	41·0	54·6	·362	·342	87	95	ENE 5	NE 1	10	10	·888	● 6a.—Midt.
26	·327	·638	51·3	49·2	47·8	58·4	·337	·324	89	93	NW 4	Calm 0	10	6	·276	
27	·816	·900	54·7	47·1	44·4	58·1	·284	·305	67	94	N 3	Calm 0	5	9	·142	☾ 6p.
28	·941	·889	54·8	52·2	40·9	62·3	·349	·340	81	87	SW 3	SE 1	5	10	·040	
29	29·734	29·810	54·7	54·5	51·3	65·4	·387	·384	91	91	SE 1	NE 2	10	10	·088	
30	30·058	30·223	57·2	46·3	46·3	63·7	·339	·288	70	92	NE 2	Calm 0	6	0	—	☽ 9p.
31	30·329	30·365	56·1	47·7	32·6	63·2	·296	·294	66	89	E 2	Calm 0	0	0	—	
Means	29·780	29·799	56·1	52·5	47·5	62·2	·367	·356	81·3	89·5	2·1	1·2	8·8	7·0	3·106	

DUBLIN.

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

AUGUST 1881.

Day.	Barometer at 32° and M. S. L. 9 a.m.	Barometer at 32° and M. S. L. 9 p.m.	Air Temperature. 9 a.m.	Air Temperature. 9 p.m.	Air Temperature. Min.	Air Temperature. Max.	Tension of Vapour. 9 a.m.	Tension of Vapour. 9 p.m.	Relative Humidity. 9 a.m.	Relative Humidity. 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	29·827	29·961	56·0	56·9	47·7	62·5	·343	·403	76	87	WNW 3	SSE 1	6	5	—	Cloudy a. Very fine day. [Squally.
2	30·039	29·958	61·7	63·4	50·8	67·4	·402	·433	73	74	W 2	SW 6	7	9	·039	Fine and warm a. Unsettled p.
3	·055	30·172	63·8	66·1	60·0	69·5	·433	·562	73	87	W 6	WSW 2	7	10	—	⸝ with squalls a. and p.
4	30·200	30·093	67·9	66·8	60·5	75·5	·519	·486	76	74	WSW 2	WSW 3	5	5	—	Very fine and warm all day.
5	29·860	29·870	64·5	58·0	53·5	68·5	·479	·357	79	74	SW 5	WSW 4	10	5	·070	●0 a., then fine and warm.
6	30·033	30·089	61·7	62·5	54·9	65·9	·389	·423	71	75	WSW 5	W 1	8	10	—	Squally ⸝ a. Day fine but cloudy.
7	29·953	29·751	64·4	63·0	61·0	68·0	·450	·500	74	87	WSW 6	WSW 4	10	10	·010	Squally ⸝ a. Dull but very warm.
8	·708	·482	61·4	55·1	54·8	68·4	·406	·391	75	90	WSW 4	WNW 5	10	10	·390	●2 at and after 6p.
9	·758	·857	57·3	56·0	52·8	62·3	·371	·345	79	76	WNW 4	WNW 3	5	10	—	Cloudy and cooler. [Very fine night.
10	·699	·991	58·8	54·3	53·5	63·6	·425	·308	86	73	WSW 4	WNW 4	8	0	·210	Squally ⸝ a. and p. Overcast day.
11	·857	·908	54·3	54·6	51·0	60·4	·411	·413	97	97	N 3	NW 2	10	10	·700	● all day.
12	·819	·788	52·1	53·9	51·9	57·4	·365	·338	93	82	NE 2	N 3	10	7	·092	● a. Afterwards fine, though cold.
13	·810	·886	54·0	53·2	46·9	61·1	·317	·323	74	80	NW 5	N 3	7	7	—	
14	·938	·957	56·0	54·9	51·0	61·3	·302	·350	67	81	NW 4	NW 1	5	10	—	Temp. rising somewhat.
15	·821	·747	57·7	56·0	51·9	59·4	·437	·422	92	94	W 2	W 1	10	10	·081	
16	·595	·514	58·3	53·1	53·0	60·6	·423	·336	86	83	WSW 1	W 1	8	2	·127	Cold evening. [29·360. ●2 4p.
17	·373	·478	56·1	54·4	51·8	59·3	·372	·386	82	92	W by S 3	NW 2	5	5	·213	T 0.20p., followed by ●2 ▲, Bar.
18	·639	·688	56·0	55·2	49·3	61·9	·389	·390	84	90	WNW 2	WSW 1	8	5	·603	Wind backing p.
19	·407	·656	52·3	49·2	49·0	55·8	·381	·298	97	86	NNE 3	WNW 3	10	4	·441	●2 till 2p., then fair but cold. [9p.
20	·856	·851	55·8	53·4	48·3	59·9	·320	·394	73	96	WNW 3	Calm 0	4	10	·279	Bright a. ●2 showers. ⌒ p. ≋
21	·733	·768	55·9	53·0	45·4	59·5	·418	·377	94	94	ESE 2	E 2	8	3	—	⌓2 a. Cold. Cir. from S. or S.W. [Meteor seen 8.30p.
22	·825	·820	58·0	55·5	50·2	60·5	·418	·403	86	91	E by N 2	E 2	7	8	·129	≋ a. Much cir. from S. p. Very fine.
23	·727	·650	55·2	53·3	53·1	57·8	·410	·379	94	93	NE 3	N 2	10	6	·186	Gloomy a. ●2 10a., then fine but dull.
24	·699	·767	55·1	50·9	48·8	61·6	·329	·338	75	91	WNW 4	W 1	6	1	·643	Bright a. Fine till 4p. Cir. slow from [S.W. ⌒ ⌓ p.
25	·353	·041	55·3	58·8	49·2	63·0	·429	·437	98	88	E 4	SW 4	10	10	·132	≋0 ●2 a. Very dull but warmer. [⌒ 5p. ⸝ p. Bar. 29·014 10.30p.
26	·276	·589	53·8	52·5	50·8	59·2	·348	·322	84	81	W by N 3	WNW 3	7	10	·010	Squally ⸝ a. [whole. ⌒ 6p.
27	29·813	·918	52·3	51·0	46·4	58·3	·307	·322	78	86	WNW 3	W 2	3	1	·010	Bright and cool a. Fine day on the
28	30·000	·961	54·1	54·8	46·5	60·5	·314	·378	75	88	W 3	SW 1	2	10	·124	Brilliant but cool, a. Much cir. p., [wind backing.
29	29·770	29·767	60·2	57·1	54·0	65·8	·453	·433	88	92	SW 3	SW 1	7	10	·250	
30	29·983	30·190	54·3	53·9	53·4	57·5	·363	·334	85	80	NNE 4	NE 2	10	3	—	Cold a. Bright and pleasant p.
31	30·330	30·373	53·5	48·2	48·0	57·3	·293	·290	71	87	NNE 3	E 1	5	0	—	Cool a. Very bright late p.
Means	29·799	29·824	57·4	55·8	51·7	62·2	·388	·383	81·8	85·5	3·3	2·3	7·4	6·0	4·739	

PARSONSTOWN.

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

AUGUST 1881.

1	29·831	29·976	57·1	54·3	40·7	65·0	·360	·349	77	82	SE 0·5	Calm 0	7	7	—	☽ before 9a. ≋0 (mist) 9p.
2	30·038	29·911	59·3	60·5	47·3	67·6	·344	·490	69	93	SW 0·5	SSW 5	5	10	·145	
3	·074	30·176	62·5	62·8	57·4	64·8	·418	·527	74	92	WSW 3	SSW 0·2	8	10	—	
4	30·170	30·038	67·1	62·4	59·0	72·0	·547	·521	82	93	S 1	S 3	2	10	·200	
5	29·826	29·887	60·5	55·7	55·2	65·4	·475	·346	90	78	S 2	SW 3	6	6	·048	
6	30·060	30·060	57·0	60·5	53·9	65·4	·402	·446	86	85	W 3	SW 3	8	10	·006	
7	29·905	29·767	63·9	58·7	58·5	65·2	·460	·459	77	93	SSW 4	SW 4	9	10	·046	
8	·686	·551	58·9	52·4	52·2	67·0	·440	·330	89	84	SW 1	WSW 3	10	4	·159	≋ before 9a.
9	·820	29·882	58·3	51·8	48·1	60·7	·353	·341	72	88	WNW 1	SW 1	8	9	·040	
10	·748	30·051	58·0	52·0	50·9	63·1	·413	·308	85	79	W 5	SSW 2	8	9	·256	
11	·882	29·924	60·1	54·7	49·4	60·8	·486	·412	94	95	W 3	W 1	10	10	·816	≋ p.
12	·775	·837	52·1	50·5	50·5	60·7	·374	·309	96	84	NE 1	NNW 1	10	1	·080	
13	·871	·960	56·8	51·5	43·1	61·5	·321	·307	69	81	NW 3	NW 1	7	2	—	
14	·995	·997	57·1	52·5	45·4	62·6	·315	·368	68	93	NW 3	W 1	4	10	·068	
15	·831	·748	57·5	55·0	51·0	63·0	·422	·415	89	96	WSW 1	Calm 0	10	10	·062	≋ 9a.
16	·595	·528	55·1	53·5	53·0	61·2	·402	·367	92	89	W 1	SW 1	10	10	·360	≋ 9a.
17	·365	·517	57·0	53·3	51·8	61·8	·385	·357	85	88	SW 1·5	WSW 1	7	6	·164	
18	·666	·684	57·1	53·9	48·1	63·3	·368	·357	79	87	NW 1	Calm 0	5	10	·410	≋0 9p.
19	·477	·713	50·5	51·7	49·4	59·0	·347	·303	94	79	NNW 2	W 1·5	10	2	·100	
20	·860	·842	55·5	52·9	45·5	63·1	·333	·341	75	86	SW 1	S 1	8	10	—	
21	·708	·769	55·3	53·1	41·9	62·5	·354	·360	81	89	NE 1	ENE 0·1	4	8	—	≋0 (mist) 9p.
22	·817	·803	55·9	54·5	50·9	62·1	·364	·371	81	87	E 0·5	NE 1	6	10	·426	≋0 (mist) 9p.
23	·750	·663	50·3	50·5	48·7	55·1	·339	·324	93	89	NW 1	WNW 1	10	10	·128	
24	·748	·749	55·0	52·3	43·2	62·7	·332	·327	77	83	W 0·5	E 0·5	6	4	·505	≋0 (mist) 9p.
25	·267	·022	56·5	57·5	49·5	62·8	·421	·443	92	94	ENE 1	S 1	10	10	·384	
26	·375	·654	54·9	49·5	49·0	60·8	·320	·299	74	85	WNW 4	WNW 2	10	4	·015	
27	29·853	·957	52·7	48·7	44·8	70·2	·302	·296	76	86	NW 1	WSW 0·5	4	2	·078	
28	30·000	·899	55·5	53·5	44·8	62·2	·328	·376	74	91	WSW 2	SSE 1	5	10	·220	
29	29·748	29·795	60·5	55·1	53·2	66·0	·456	·391	87	90	WSW 1	SW 0·5	10	4	·020	
30	29·999	30·220	53·3	48·4	48·4	60·7	·373	·291	92	86	N 2	Calm 0	10	9	—	≋0 (mist) 9p.
31	30·321	30·377	53·1	47·5	41·4	61·2	·341	·306	84	93	N 0·2	Calm 0	2	0	—	≋ 9p.
Means	29·808	29·837	56·9	53·9	49·2	63·2	·384	·369	82·3	87·7	1·7	1·3	7·4	7·3	4·739	

Dunrobin Castle.

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

SEPTEMBER 1881.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	
	ins.	ins.	°	°	°	°	in.	in.	%	%					ins.	
1	30·433	30·451	55·5	48·0	47·6	57·2	·306	·270	70	81	E	NE	—	—	—	Mild, cloudy, and dull.
2	·440	·393	51·5	51·5	46·9	55·5	·283	·330	75	87	E	NE	—	—	—	Fine *a.* Dull *p.*
3	·375	·254	56·3	50·3	47·2	61·4	·349	·324	77	89	S	E	—	—	—	Very fine.
4	30·191	30·088	51·5	49·5	47·6	54·3	·310	·324	81	92	SE	NE	—	—	—	Dull *a.* Clear *p.*
5	29·917	29·767	52·5	50·0	44·7	57·4	·305	·322	77	90	E	E	—	—	·310	Cloudy and dull.
6	·517	·441	55·5	55·0	49·6	58·2	·397	·412	90	95	W	NW	—	—	1·230	Dull. ●²
7	·488	·577	55·7	54·5	51·6	58·9	·409	·396	92	94	SW	NW	—	—	·730	≋⁰ (mist). Dull.
8	·677	29·838	56·0	54·3	49·1	56·0	·405	·370	90	88	E	NE	—	—	·260	Dull *a.*
9	29·935	30·179	55·0	53·0	51·6	55·5	·389	·335	90	83	NE	NE	—	—	—	Dull.
10	30·253	·224	52·5	46·6	46·5	54·5	·329	·265	83	84	E	NE	—	—	—	
11	·193	·171	52·0	51·5	44·2	56·6	·323	·355	83	94	W	NW	—	—	—	Dull all day.
12	·105	·062	51·5	51·0	47·6	55·0	·317	·336	83	90	NW	NW	—	—	—	Dull all day.
13	·010	·021	54·3	49·7	49·1	57·4	·331	·313	79	88	NW	W	—	—	—	Dull and calm.
14	·029	·112	55·3	50·3	43·7	56·4	·312	·299	72	82	W	W	—	—	—	Fine.
15	·141	·130	54·5	46·9	46·7	56·9	·313	·299	74	94	SW	NW	—	—	—	Fine.
16	30·140	30·039	57·3	52·5	45·7	60·4	·366	·362	78	92	W	W	—	—	—	Fine, but dull.
17	29·872	29·674	55·7	48·5	48·1	56·6	·368	·316	83	94	S	NW	—	—	·050	Fine, but dull.
18	·671	·713	54·7	51·3	43·7	57·6	·316	·319	74	84	W	NW	—	—	—	Fine, but dull.
19	·715	·757	52·3	51·0	43·7	55·3	·319	·336	81	90	NW	NW	—	—	—	Dull.
20	·766	29·685	53·5	54·3	44·7	58·2	·341	·357	83	85	NE	NE	—	—	—	Dull.
21	·649	29·638	55·0	54·5	52·6	55·3	·389	·396	90	94	E	E	—	—	·490	Dull. ↗ (half gale). ● *p.*
22	29·790	30·053	53·5	53·0	51·0	56·4	·382	·347	94	86	E	E	—	—	·100	● ↗ (gale). High sea.
23	30·148	30·136	52·5	53·7	50·8	54·5	·337	·326	85	79	E	E	—	—	—	Fair. Storm moderating.
24	30·047	29·949	54·5	53·5	50·6	54·5	·342	·382	81	94	E	N	—	—	·230	Fair, but dull. Moderate wind.
25	29·882	·793	57·0	53·0	42·7	59·4	·359	·355	77	88	S	W	—	—	—	Fine and clear.
26	29·793	29·950	56·3	48·0	46·2	61·9	·349	·297	77	90	W	W	—	—	—	Fine.
27	30·043	30·162	54·5	45·6	41·7	58·9	·318	·280	75	92	NW	NW	—	—	—	Fine.
28	·188	·189	54·3	51·5	42·7	57·9	·320	·355	76	94	S	Calm	—	—	—	Fine.
29	·069	·021	56·5	57·4	48·6	58·6	·371	·387	81	82	Calm	Calm	—	—	·500	
30	30·246	30·241	52·5	52·5	46·7	58·4	·342	·362	87	92	Calm	Calm	—	—	—	Fine.
Means	29·991	29·990	54·3	51·4	47·1	57·2	·343	·338	81·3	88·9	—	—	—	—	3·900	

Braemar.

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

SEPTEMBER 1881.

1	30·374	30·428	48·2	44·9	43·6	54·5	·247	·234	74	79	NE 4	NE 2	3	7	—	Fair, but cold.
2	·371	·345	45·6	46·3	43·5	51·5	·219	·279	72	90	NE 1	NE 1	8	6	—	Fair, but cold.
3	·252	·199	50·5	48·5	44·5	57·5	·317	·270	87	80	NE 1	NE 0·5	6	8	·020	Fair, but cold.
4	30·120	30·073	48·5	48·1	45·6	52·2	·324	·298	96	89	E 0·5	E 0·5	8	7	·020	
5	29·921	29·735	49·5	47·8	38·6	56·2	·297	·295	84	89	NE 0·5	NE 0·5	7	9	·050	
6	·448	·408	50·1	50·5	46·3	58·5	·338	·342	93	94	NW 1	SW 0·5	10	10	·320	Dull with ●.
7	·523	·616	48·9	50·5	47·1	56·5	·336	·350	98	96	SW 1	SW 0·5	10	7	—	
8	·681	29·779	48·5	51·8	39·5	60·5	·324	·351	96	91	W 0·5	SW 0·5	7	8	·150	● showers.
9	29·907	30·089	51·5	49·8	49·4	55·5	·342	·330	90	92	N 2	N 2	9	8	·050	● showers.
10	30·162	·210	50·7	40·6	40·6	53·7	·286	·236	78	93	NE 2	NE 0·5	6	2	—	
11	·118	·114	48·8	49·8	32·7	61·5	·289	·332	84	93	NE 0·5	NE 1	2	4	—	
12	30·079	30·048	45·6	47·5	40·6	62·5	·294	·304	97	94	NE 0·5	SE 0·5	4	6	—	
13	29·984	29·972	49·5	49·0	45·3	55·7	·288	·272	82	78	SW 1	SW 1	7	8	—	
14	29·995	30·077	49·5	48·3	44·5	54·5	·269	·272	76	81	SW 0·5	NE 1	4	7	—	
15	30·108	·141	45·3	47·3	35·6	56·8	·246	·240	82	74	SE 0·5	SE 0·5	5	4	—	
16	30·081	30·056	55·8	50·5	42·1	59·8	·331	·317	74	87	SW 2	SW 0·5	6	8	—	
17	29·864	29·694	49·5	52·1	49·2	54·7	·304	·342	87	87	SW 4	SW 0·5	7	9	·040	
18	·614	·683	49·1	48·3	47·5	52·1	·334	·313	96	93	E 0·5	NE 1	10	10	·040	Dull with ●.
19	·702	·777	48·3	44·7	44·3	51·7	·318	·275	95	93	NE 0·5	SW 0·5	9	4	—	Fair, but dull.
20	·750	·682	49·9	52·5	40·5	54·7	·299	·347	84	88	SW 0·5	SW 0·5	7	10	—	
21	·569	·527	51·8	51·9	50·4	53·3	·356	·384	92	99	E 0·5	NE 4	10	10	1·500	● all day.
22	29·698	29·973	51·5	47·5	47·2	53·3	·355	·309	94	95	E 4	E 0·5	10	8	·150	● all day.
23	30·118	30·157	46·8	47·4	44·9	50·0	·284	·293	89	90	NE 1	NE 6	8	10	·030	● all day.
24	30·092	29·953	48·3	52·5	47·0	53·1	·318	·368	95	94	S 1	SW 0·5	10	8	·080	● all day.
25	29·879	·838	51·3	50·5	48·4	60·1	·332	·317	88	87	W 1	SW 0·5	5	7	·050	
26	29·841	29·991	51·1	49·0	45·1	56·8	·315	·305	83	88	SW 2	SW 0·5	7	8	·040	● showers.
27	30·061	30·190	49·0	41·4	41·0	54·5	·287	·242	83	93	SW 1	W 0·5	3	0	—	Fine.
28	·237	·234	42·1	52·2	31·6	59·5	·251	·345	93	89	W 0·5	W 0·5	2	8	—	
29	·124	·072	53·2	53·3	50·6	56·3	·309	·338	76	83	SW 2	SW 6	7	8	—	
30	30·240	30·286	53·3	52·3	47·4	55·8	·357	·371	88	95	SW 0·5	E 0·5	5	10	—	Fair and sunny.
Means	29·964	29·978	49·4	48·9	43·8	55·8	·306	·309	86·9	89·1	1·3	1·2	6·7	7·3	2·540	

Laudale.

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

SEPTEMBER 1881.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	
	ins.	ins.	°	°	°	°	in.	in.	%	%					ins.	
1	30·404	30·411	54·2	50·9	45·0	60·1	·306	·256	73	69	ENE 2	ENE 3	0	0	—	Grey ∞ round sun after 2*p.*
2	·392	·308	51·0	51·0	39·9	58·6	·251	·259	67	69	E 3	E 1	1	2	—	
3	·239	·179	58·0	47·0	43·9	63·0	·342	·280	71	87	E 1	Calm 0	1	0	—	
4	30·055	30·022	56·4	58·0	45·0	63·1	·335	·367	73	76	E 2	E 3	0	0	—	
5	29·912	29·804	55·8	54·3	43·0	58·6	·314	·360	70	86	E 2	E 2	9	7	·050	Most beautiful sunset. Clouds dark [red and bright orange.
6	·509	·428	52·0	52·0	47·0	56·2	·348	·366	90	94	NNW 2	Calm 0	10	10	·160	●⁰ ≋⁰ (mist) all day.
7	·520	·659	53·8	54·2	50·2	60·0	·369	·409	88	98	Calm 0	Calm 0	10	10	·140	●⁰ ≋⁰ (mist) all day.
8	·703	29·833	56·4	54·0	51·4	58·0	·391	·388	86	93	Calm 0	Calm 0	10	10	·110	≋⁰ (mist) *a.* and *p.*
9	29·971	30·151	54·9	55·0	50·4	60·1	·399	·349	93	81	Calm 0	Calm 0	9	9	·020	≋⁰ (mist) *a.* and *p.*
10	30·220	·189	55·9	47·1	47·8	59·7	·332	·276	74	86	E 2	Calm 0	0	0	—	
11	·143	·134	55·0	46·7	40·0	61·1	·300	·281	70	89	Calm 0	Calm 0	0	0	—	Mares' tails from NE. to SW.
12	·119	·090	47·3	51·0	40·2	57·1	·307	·323	95	86	Calm 0	WNW 1	9	10	—	≋⁰ (mist) *a.* and *p.*
13	·052	·026	50·4	50·1	38·9	55·8	·338	·331	92	91	WSW 1	W 1	10	10	·020	≋⁰ (mist) *a.* and *p.*
14	·044	·114	48·2	45·5	44·9	56·6	·307	·270	92	89	Calm 0	Calm 0	4	0	—	≋⁰ (mist) *a.* [aurora]² 9*p.*—11.30*p.*
15	·164	·161	50·9	50·7	38·7	56·4	·317	·321	85	87	Calm 0	WSW 2	4	2	·080	Upper clouds moving fast.
16	30·174	30·070	54·7	55·2	47·4	57·9	·374	·355	88	82	WSW 2	WSW 1	10	10	—	≋⁰ (mist) *a.* and *p.* Dark and gloomy.
17	29·856	29·706	53·8	53·2	47·9	56·6	·335	·355	80	88	S 3	S 2	10	10	·010	Dark and gloomy, with squally ↗ at [times. ≋⁰ (mist) 9*p.*
18	·641	·683	53·0	47·1	48·7	57·6	·330	·297	82	92	W 2	Calm 0	7	2	—	
19	·711	·733	51·9	54·9	43·4	58·7	·349	·326	91	76	S 1	SSW 3	9	8	—	Dark and gloomy.
20	·687	·541	56·6	60·7	51·9	62·1	·342	·371	74	70	SSE 5	SSE 5	9	9	—	∞. Squally ↗.
21	·441	·447	57·8	56·1	56·8	60·7	·379	·418	79	92	SSE 4	SSE 2	10	10	·550	≋⁰ (mist) before 9*a.* Dull and [gloomy with strong squalls.
22	29·663	29·898	54·0	56·2	52·9	57·6	·363	·350	87	77	E 1	ESE 2	10	10	·100	Dull and gloomy. ≋⁰ (mist) 9*p.*
23	30·052	30·021	54·7	54·7	52·7	56·2	·311	·330	73	78	ESE 2	SSE 6	10	10	·130	Dull, gloomy, and threatening.
24	29·959	29·961	53·6	54·2	52·9	57·1	·392	·377	95	90	SSE 5	S 7	10	8	·200	⌒ 3*p.*
25	·921	29·793	53·8	54·5	44·7	58·3	·358	·363	86	86	S 3	S 3	7	10	·220	≋⁰ (mist) *a.* and *p.*
26	29·903	30·001	55·6	52·7	52·4	58·6	·344	·324	77	81	SW 4	SW 2	4	3	·270	≋⁰ (mist) *a.* Double ⌒² 8*a.*—Noon.
27	30·093	·177	52·5	51·1	42·1	58·0	·327	·330	82	87	SW 1	Calm 0	4	9	—	⌒² 9*a.* ∞ 5*p.*
28	·209	·210	53·0	57·2	44·9	57·8	·340	·409	84	87	SE 3	S 1	9	10	·010	⌒ 8*a.* ≋⁰ (mist) *p.*
29	·094	·044	56·7	57·2	53·0	57·3	·363	·431	79	92	S 7	SW 6	10	10	1·480	≋⁰ (mist) *a.* and *p.* ● 10*a.*—9*p.* [↗ (from S, force 8) *p.*
30	30·225	30·251	54·0	55·5	50·9	62·2	·382	·406	92	92	Calm 0	Calm 0	8	9	—	≋⁰ (mist) *a.* and *p.* ∞.
Means	29·969	29·968	53·9	52·9	47·0	58·7	·342	·343	82·3	85·0	1·9	1·8	6·8	6·6	3·550	

Dundee.

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

SEPTEMBER 1881.

1	30·381	30·424	52·4	44·4	43·3	61·7	·270	·250	69	86	NE 6	NE 1	5	0	—	Fine.
2	·382	·341	51·4	49·4	44·4	57·7	·304	·303	80	86	NE 1	NE 1	10	10	—	Dull.
3	·236	·165	58·5	51·4	49·2	63·7	·346	·328	71	86	NE 4	NE 2	5	7	—	Fine.
4	30·099	30·046	53·4	49·4	49·4	57·7	·352	·327	86	93	NE 4	NE 1	10	7	—	Dull.
5	29·885	29·704	56·5	50·4	46·3	61·7	·344	·291	75	80	NE 4	NE 1	5	7	—	
6	·466	·454	53·4	51·4	48·2	60·7	·327	·353	80	93	W 1	SW 1	10	10	—	Dull.
7	·542	·624	54·4	53·4	50·2	59·7	·366	·380	87	93	SW 1	W 1	10	10	—	Dull.
8	·672	29·790	56·5	53·4	51·2	67·7	·395	·380	86	93	W 1	NE 1	10	10	·200	● 4*p.*—5.20*p.* Distant T
9	29·911	30·104	56·5	53·4	51·2	61·7	·395	·352	86	86	NE 1	NE 4	10	10	·050	● 8*a.*—630*p.*
10	30·204	·189	56·5	42·4	42·3	63·7	·298	·252	65	93	NE 4	NE 1	7	0	—	Fine.
11	·143	·134	51·4	52·4	39·3	65·7	·304	·340	80	86	SW 1	SW 1	0	10	—	Fine.
12	·120	·079	49·4	50·4	48·2	52·7	·327	·340	93	93	SE 1	SE 1	10	10	—	Dull.
13	·039	·009	51·4	49·4	49·4	58·7	·353	·327	93	83	SW 1	W 1	10	10	—	Dull.
14	·041	·101	52·4	45·4	43·3	59·7	·292	·283	74	94	NW 1	NW 1	7	10	—	Fine.
15	·143	·150	51·4	49·4	45·3	59·7	·328	·327	86	93	SW 1	W 1	5	10	—	
16	30·151	30·087	55·4	51·4	44·3	58·7	·331	·353	75	93	W 1	W 1	7	5	—	Fine.
17	29·928	29·733	52·4	53·4	45·3	58·7	·340	·380	86	93	SE 1	SW 1	10	10	·200	Dull. ●⁰ showers from 3*p.*
18	·627	·668	52·4	50·4	50·2	54·7	·366	·340	93	93	E 1	W 1	10	10	·150	● till 6*p.*
19	·738	·813	51·4	47·4	47·2	54·7	·380	·303	100	93	S 1	E 1	10	10	—	Dull.
20	·802	·697	51·4	52·4	44·3	58·7	·353	·394	93	100	SE 1	SE 2	10	10	—	Dull. ≋
21	·546	·506	53·4	53·4	52·4	54·7	·409	·409	100	100	SE 4	SE 10	10	10	2·350	● from 11*a.* ↗ (gale) from 1*p.*
22	29·694	29·996	52·4	50·4	50·2	54·7	·394	·340	100	93	SE 8	SE 6	10	10	·750	● ↗ (gale) in past *n.* and till 7*p.*
23	30·175	30·185	50·4	51·4	49·2	51·7	·315	·328	86	86	SE 4	SE 8	10	10	—	Dull.
24	30·125	29·971	51·4	52·4	50·2	53·7	·353	·394	93	100	SE 6	SE 1	10	10	·500	● from 1*p.*
25	29·910	29·885	53·4	50·4	50·2	62·7	·380	·340	93	93	SW 1	SW 1	10	7	·050	Fine.
26	29·908	30·016	53·4	51·4	47·2	62·7	·352	·380	86	100	W 1	NW 1	10	10	·050	Fine. ● at night.
27	30·103	·178	50·4	46·4	46·3	64·7	·340	·294	93	94	SW 1	NW 1	5	10	—	
28	·277	·300	47·4	52·4	40·3	59·7	·303	·394	93	100	W 2	W 1	5	10	—	
29	·208	·136	55·4	53·4	48·2	62·7	·355	·380	81	93	SW 1	SW 1	5	10	·050	● from 2*p.*
30	30·242	30·315	56·5	53·4	55·2	58·7	·424	·409	93	100	SW 1	SE 1	10	10	·050	●⁰ from 4*p.*
Means	29·990	29·993	53·1	50·5	47·3	59·5	·347	·342	85·9	92·6	2·2	1·9	8·2	8·8	4·400	

ROTHESAY.

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

SEPTEMBER 1881.

Day.	Barometer at 32° and M. S. L. 9 a.m.	9 p.m.	Air Temperature. 9 a.m.	9 p.m.	Min.	Max.	Tension of Vapour. 9 a.m.	9 p.m.	Relative Humidity. 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	30·410	30·413	55·0	48·0	36·2	63·1	·307	·302	71	91	N	Calm	—	—	—	⊔. Fine day.
2	·394	·325	54·0	51·5	41·6	61·1	·292	·322	70	84	E	E	—	—	—	
3	·240	·178	52·8	51·0	48·1	64·1	·335	·328	83	87	ESE	E	—	—	—	Cloudy.
4	30·070	30·037	53·3	52·0	49·1	60·1	·357	·353	88	91	E	E	—	—	—	Blowy and cold. Cloudy.
5	29·917	29·737	53·0	50·0	46·1	59·6	·340	·314	84	87	ENE	Calm	—	—	·024	Cloudy and mild.
6	·530	·467	50·2	50·0	45·1	55·5	·343	·353	95	98	Calm	Calm	—	—	·322	Dull with ●.
7	·545	·674	54·2	52·5	48·1	60·6	·409	·387	98	98	Calm	Calm	—	—	·240	Dull with ●.
8	·717	29·808	54·6	53·0	49·1	59·6	·386	·394	90	98	N	Calm	—	—	·050	Cloudy and mild.
9	29·943	30·115	54·8	55·5	48·6	65·6	·409	·376	95	85	Calm	Calm	—	—	—	Fine.
10	30·222	·177	61·7	52·5	51·1	68·0	·391	·359	72	91	NNE	NE	—	—	—	Fine.
11	·160	·133	53·0	48·0	47·1	62·4	·335	·314	83	94	E	Calm	—	—	—	Fine.
12	·120	·060	53·0	50·5	44·1	58·6	·380	·334	94	91	Calm	NW	—	—	—	Cloudy.
13	·087	·059	53·0	51·3	43·6	60·1	·347	·337	86	89	W	SW	—	—	·010	Cloudy.
14	·069	·106	53·2	48·0	44·1	58·5	·363	·314	90	94	Calm	N	—	—	—	
15	·166	·211	57·9	45·1	40·6	62·1	·366	·261	76	87	W	W	—	—	·040	Fine day.
16	30·211	30·122	55·5	52·0	43·3	59·6	·418	·380	95	98	NW	W	—	—	·005	● *a.* Fair *p.*
17	29·896	29·732	54·8	52·3	46·4	57·0	·392	·376	91	96	SE	Calm	—	—	·095	Dull and damp.
18	·635	·694	52·5	53·0	48·1	56·5	·387	·394	98	98	NE	Calm	—	—	·060	Dull and damp.
19	·742	·781	52·3	52·0	49·1	62·1	·384	·353	98	91	S	S	—	—	—	Fine.
20	·726	·577	55·0	58·0	50·6	60·1	·354	·411	82	84	SE	SE	—	—	·008	Dull and blowy.
21	·429	·452	55·2	56·0	52·6	59·6	·404	·437	93	97	E	SE	—	—	·700	Dull with ●.
22	29·671	29·917	52·0	52·5	46·1	56·5	·388	·387	100	98	NE	E	—	—	·365	Dull with ●.
23	30·086	30·106	51·8	52·6	49·1	55·3	·351	·375	91	95	E	ESE	—	—	·060	Dull and blowy.
24	30·023	29·978	53·5	51·5	50·1	55·5	·402	·381	98	100	SE	Calm	—	—	·425	Dull with ●.
25	29·972	29·862	53·0	54·0	43·1	61·6	·389	·394	97	94	NW	S	—	—	·146	
26	29·911	30·048	56·5	52·0	48·1	60·1	·404	·366	88	94	W	W	—	—	·213	
27	30·131	·223	56·6	49·0	45·6	59·3	·386	·327	84	94	W	Calm	—	—	·005	
28	·271	·282	51·5	55·3	41·6	59·0	·373	·432	98	99	SE	S	—	—	·033	Dull and cloudy.
29	·188	·118	56·0	54·5	51·6	56·5	·422	·426	94	100	S	S	—	—	·965	Dull and blowy, with ●.
30	30·273	30·298	55·3	55·5	45·6	65·1	·432	·429	99	98	NW	S	—	—	·005	Cloudy and mild.
Means	29·992	29·990	54·2	52·0	46·5	60·1	·375	·364	89·4	93·4	—	—	—	—	3·771	

PINMORE.

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

SEPTEMBER 1881.

1	30·266	30·347	52·3	44·9	36·5	65·0	·360	·281	92	95	NE	NE	—	—	—
2	·360	·293	51·3	50·3	37·4	64·1	·282	·346	75	95	NE	E	—	—	—
3	·188	30·142	52·6	49·8	44·8	64·1	·330	·327	83	91	SE	SW	—	—	—
4	30·074	29·993	56·1	55·4	48·2	64·1	·359	·313	79	71	E	E	—	—	—
5	29·884	·743	58·0	50·8	40·9	59·1	·345	·292	72	79	E	E	—	—	—
6	·530	·509	54·9	51·8	48·2	59·1	·328	·354	77	91	W	W	—	—	·210
7	·533	·630	54·4	52·8	51·0	60·1	·333	·366	79	91	W	W	—	—	·020
8	·795	29·807	54·4	52·8	48·6	63·1	·400	·340	95	85	SW	W	—	—	—
9	29·917	30·078	55·4	52·8	49·6	64·1	·361	·340	83	85	N	NE	—	—	·020
10	30·172	·178	56·4	53·9	50·6	65·0	·416	·338	92	82	NE	NE	—	—	—
11	·145	·130	55·4	52·8	46·2	64·1	·401	·366	92	91	NE	S	—	—	—
12	·103	·095	51·3	47·1	47·1	58·1	·297	·295	79	91	SE	SE	—	—	—
13	·061	·061	54·4	49·8	41·4	61·1	·372	·302	88	85	NE	NW	—	—	·030
14	·060	·085	52·3	50·3	44·8	60·1	·368	·321	94	88	SW	SW	—	—	—
15	·138	·199	51·8	46·9	37·4	61·1	·354	·292	91	92	SE	SE	—	—	·030
16	30·214	30·107	51·6	46·9	40·9	63·1	·343	·292	90	92	W	W	—	—	·040
17	29·907	29·736	52·3	53·9	41·4	57·1	·373	·393	95	95	SW	W	—	—	·630
18	·594	·678	55·4	53·9	52·0	56·1	·393	·384	90	93	SW	S	—	—	·030
19	·739	·789	52·8	51·8	50·1	63·1	·394	·367	98	95	W	W	—	—	—
20	·717	·386	54·9	59·0	51·5	62·1	·340	·396	80	80	S	S	—	—	·060
21	·376	·422	55·9	52·3	51·5	61·1	·356	·347	80	88	S	S	—	—	·210
22	29·647	29·892	57·5	51·8	44·3	59·1	·416	·328	88	85	S	S	—	—	·130
23	30·059	30·085	48·4	52·8	48·2	58·1	·320	·315	94	79	S	S	—	—	·050
24	30·035	29·985	55·9	53·9	47·2	56·1	·332	·378	74	91	S	S	—	—	·300
25	29·962	29·894	53·3	55·9	44·8	61·6	·387	·382	95	86	SW	W	—	—	·040
26	29·991	30·072	55·4	51·8	44·8	62·1	·301	·354	69	91	W	W	—	—	·030
27	30·124	·210	48·1	47·9	41·9	61·1	·324	·300	96	91	N	N	—	—	—
28	·253	·264	57·0	52·8	41·4	60·1	·394	·366	85	91	SW	SW	—	—	—
29	·229	·155	57·2	55·9	43·4	59·1	·370	·409	79	92	SW	SW	—	—	·480
30	30·233	30·303	57·0	55·4	55·0	60·1	·453	·401	97	92	S	S	—	—	·020
Means	29·974	29·983	54·1	51·9	45·7	61·1	·360	·343	86·0	88·4	—	—	—	—	2·330

SCALEBY.

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

SEPTEMBER 1881.

Day.	Barometer at 32° and M. S. L. 9 a.m.	9 p.m.	Air Temperature. 9 a.m.	9 p.m.	Min.	Max.	Tension of Vapour. 9 a.m.	9 p.m.	Relative Humidity. 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	30·323	30·360	51·6	46·3	41·0	56·5	·285	·276	75	89	N	5	N	1	10	10	—	
2	·300	·271	54·8	50·6	42·5	57·0	·331	·334	77	91	E	1	Calm	0	10	10	—	
3	30·180	30·081	54·8	52·1	45·0	59·1	·331	·336	77	86	NE	6	E	2	8	4	·010	
4	29·988	29·971	55·3	51·8	49·0	61·0	·389	·356	89	92	E	4	E	5	10	2	—	
5	·826	·702	54·8	55·8	47·5	62·5	·352	·436	82	98	E	3	E	1	10	8	·060	
6	·529	·522	51·3	51·3	46·0	59·2	·340	·323	90	85	Calm	0	SW	2	10	10	·020	
7	·543	·666	56·0	54·3	49·0	61·0	·381	·389	85	92	N	2	SW	2	10	10	·050	
8	·716	29·808	57·0	48·0	47·5	63·8	·397	·315	85	94	W	2	Calm	0	6	0	—	
9	29·913	30·025	54·3	54·6	45·5	61·2	·355	·386	84	90	NE	1	N	2	2	8	·210	
10	30·147	·164	54·8	51·0	50·0	56·0	·370	·315	86	84	N	4	N	3	10	10	—	
11	·116	·097	49·3	51·3	48·0	57·0	·323	·288	92	77	N	3	N	1	10	10	·020	
12	·103	·110	54·6	54·3	49·0	59·0	·352	·375	82	89	Calm	0	Calm	0	10	10	—	
13	·073	·058	53·8	51·3	49·0	60·3	·356	·349	85	92	Calm	0	Calm	0	10	10	—	
14	·066	·058	54·8	50·3	49·2	63·0	·357	·299	83	82	W	1	Calm	0	10	10	—	
15	·120	·161	55·3	50·0	47·8	66·0	·345	·313	79	87	SE	1	NE	2	2	2	—	
16	30·201	30·135	49·8	49·3	38·2	65·0	·286	·335	80	96	Calm	0	Calm	0	7	0	—	
17	29·939	29·721	55·3	55·8	45·0	62·1	·315	·413	73	92	SW	4	Calm	0	8	10	·530	
18	·547	·615	60·8	54·8	54·0	63·0	·494	·397	93	92	SE	2	SW	1	10	10	·030	
19	·721	·819	53·3	48·3	48·0	62·8	·386	·323	95	96	W	1	W	2	10	2	—	
20	·774	·610	53·0	59·3	44·2	66·0	·345	·424	85	84	SE	1	S	7	8	5	—	
21	·415	·460	57·8	55·0	54·0	62·0	·393	·424	82	98	E	5	E	2	10	10	·580	
22	29·617	29·881	51·8	53·3	50·2	56·0	·382	·362	99	89	W	2	S	3	10	10	·160	
23	30·131	30·149	54·3	52·8	50·1	57·2	·349	·318	83	79	E	4	E	4	8	10	·010	
24	30·040	29·970	54·8	55·8	48·0	56·0	·357	·413	83	92	SE	4	SE	4	10	10	·260	
25	29·984	29·920	51·8	52·8	48·0	61·8	·356	·330	92	82	W	2	S	3	10	7	·380	
26	29·977	30·071	53·3	51·3	47·0	61·0	·362	·336	89	89	W	4	Calm	0	10	1	·020	
27	30·097	·219	54·8	48·3	47·0	63·0	·370	·323	86	96	Calm	0	W	2	5	0	—	
28	·272	·304	52·3	52·3	42·0	62·0	·344	·375	88	96	Calm	0	Calm	0	1	0	—	
29	·274	·173	56·8	53·8	47·0	66·0	·342	·356	74	85	SW	4	Calm	0	4	10	·060	
30	30·251	30·329	56·3	54·8	52·2	60·2	·377	·403	83	93	S	2	NE	1	10	10	—	
Means	29·973	29·981	54·3	52·4	47·4	60·9	·357	·354	84·5	89·6		2·3		1·7	8·3	7·0	2·400	

SCARBOROUGH.

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

SEPTEMBER 1881.

1	30·212	30·279	52·6	51·6	49·6	54·1	·295	·303	74	79	N 5	N 4	10	10	—	
2	·248	·202	53·6	52·8	50·4	57·1	·364	·369	88	92	NNE 4	N 3	10	10	·550	
3	30·099	30·025	51·8	52·2	51·3	52·8	·377	·388	98	99	NE 5	NE 3	10	10	·510	
4	29·961	29·960	53·6	52·7	52·0	54·8	·409	·384	99	96	ENE 4	ENE 2	10	10	·010	≋ *9a.*
5	·820	·652	54·4	52·6	51·5	54·8	·353	·366	83	93	N 3	N 3	9	10	·020	
6	·525	·539	53·2	52·5	50·7	54·3	·379	·367	94	94	NNE 2	WSW 1	10	10	·010	
7	·623	·672	52·6	55·8	47·7	59·8	·371	·370	94	83	SSW 1	S 1	9	7	—	
8	·714	·770	58·8	54·1	50·4	65·3	·388	·389	78	93	WSW 2	WSW 1	2	9	·050	
9	29·877	29·976	54·0	53·6	51·5	58·5	·391	·353	94	86	N 2	N 2	10	10	—	≋ *9a.*
10	30·068	30·073	54·0	51·0	51·0	56·8	·364	·366	87	98	N 3	N 4	10	10	·100	
11	·047	·042	52·6	52·6	50·6	52·6	·388	·391	98	99	NNE 4	N 3	10	10	·500	≋ *9* (mist) before *9a.*
12	·018	·032	52·8	52·6	52·5	54·3	·394	·366	98	93	N 4	N 2	10	10	·020	≋ *9* (mist) *9a.* and *9p.*
13	·059	·037	53·4	56·3	51·5	57·6	·364	·409	89	90	N 1	Calm 0	10	9	—	
14	·066	·082	57·9	53·6	48·5	61·3	·351	·348	73	84	WSW 1	E 1	1	0	—	
15	·122	·156	53·6	52·5	48·0	57·3	·361	·360	88	91	NNW 1	NE 1	9	10	—	≋ *9a.*
16	·172	30·153	55·2	50·1	47·0	58·6	·339	·274	78	76	WNW 1	NE 1	2	1	—	
17	30·047	29·809	50·6	56·6	44·5	62·3	·331	·391	90	85	S 2	S 4	3	10	·330	
18	29·636	·611	61·2	60·8	55·2	68·3	·446	·526	83	99	SW 3	SW 1	7	10	·020	< *p.*
19	·737	·855	55·9	54·6	54·0	60·3	·418	·336	93	79	NW 1	Calm 0	8	0	—	
20	·849	·722	58·6	54·8	53·5	62·3	·399	·373	81	87	SSE 2	SSE 2	7	1	·030	
21	·533	·484	54·6	55·6	54·3	56·3	·412	·433	97	98	SE 5	SE 1	10	10	1·820	
22	29·523	29·831	54·6	52·6	52·5	56·2	·415	·388	97	98	NNE 4	E 4	10	10	·880	
23	30·075	30·186	50·6	50·8	50·0	52·6	·358	·356	97	95	ESE 7	E 4	10	10	—	
24	30·202	30·059	53·6	55·6	50·8	55·7	·388	·427	95	97	SSE 5	S 3	10	10	·050	
25	29·961	29·992	57·6	51·8	51·8	62·5	·447	·321	94	83	WSW 1	SE 1	10	0	·050	
26	29·981	30·093	57·6	53·4	50·5	64·7	·353	·325	75	80	WNW 2	W 2	3	1	—	
27	30·132	·208	53·6	51·8	48·0	59·8	·353	·345	86	89	WSW 1	NE 1	10	0	—	
28	·312	·364	55·1	52·6	46·7	63·0	·333	·311	77	78	W 1	S 1	0	0	—	
29	·364	·298	53·1	52·6	48·6	62·0	·307	·323	76	81	SW 2	SW 2	0	0	—	
30	30·337	30·353	54·0	53·6	50·4	62·3	·343	·348	82	84	SW 1	SW 2	8	0	—	
Means	29·977	29·984	54·5	53·5	50·5	58·8	·373	·367	87·9	89·3	2·7	2·0	7·6	6·6	4·050	

Observer remarks:—Mean sea temperature 54·0.

DOUGLAS, ISLE OF MAN.

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

SEPTEMBER 1881.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	
	ins.	ins.	°	°	°	°	in.	in.	%	%					ins.	
1	30·373	30·374	54·7	48·8	41·2	59·9	·262	·295	61	85	NE 4	ENE 3	3	4	—	☂ *a.* and *p.*
2	·332	·267	53·7	52·2	44·4	59·1	·270	·340	65	87	ENE 3	NNE 2	4	5	—	☂ *a.*
3	30·157	30·066	54·5	53·9	49·3	58·8	·354	·361	83	87	NE 3	NE 3	7	9	—	
4	29·978	29·875	56·1	56·6	50·4	61·2	·390	·397	86	86	ENE 2	ENE 6	9	10	·018	● ╱ at night.
5	·832	·688	54·7	54·0	52·9	60·3	·352	·334	82	80	ENE 5	NE 4	10	8	—	
6	·519	·509	53·6	52·0	50·4	57·2	·337	·361	80	93	W 1	Calm 0	10	10	·040	
7	·581	·689	54·0	53·8	51·8	58·2	·382	·391	92	94	SW 3	WNW 2	10	10	—	
8	·721	29·807	55·6	51·2	45·3	61·1	·362	·355	81	95	NW 1	Calm 0	2	4	—	☂ ² *p.*
9	29·911	30·047	59·5	55·5	47·6	64·7	·401	·395	79	89	Calm 0	NNE 1	6	8	—	☂ ² *a.*
10	30·148	·160	55·7	52·0	50·9	58·3	·376	·335	85	86	NNE 4	Calm 0	10	8	—	
11	·125	·094	52·8	51·3	50·6	57·7	·311	·349	77	92	NE 2	NW 1	9	4	·010	● ⁰ 8*p.*
12	·085	·072	55·0	52·3	48·2	59·8	·375	·376	87	96	ENE 2	Calm 0	9	10	—	≋⁰ (mist) 9*p.*
13	·066	·074	56·2	51·3	51·0	60·2	·388	·354	86	94	W 3	Calm 0	9	10	—	☂ *a.* ≋⁰ (mist) 9*p.*
14	·093	·119	56·4	51·7	48·1	60·8	·359	·357	79	93	NNW 1	Calm 0	7	10	—	☂ *a.* ☰⁰ in NW. *p.*
15	·155	·244	54·2	47·4	42·5	59·7	·318	·272	75	84	NNW 3	NNW 1	8	0	—	☂ *a.* ☂ ² *p.*
16	30·232	30·133	58·0	45·0	45·0	62·3	·386	·299	79	100	Calm 0	Calm 0	7	0	—	Atmosphere *very* clear.
17	29·930	29·676	56·5	55·9	40·3	58·6	·395	·447	86	100	SE 3	ESE 2	10	10	·801	≋⁰ (mist) 9*a.*
18	·606	·680	54·6	52·2	52·2	58·7	·419	·355	98	91	N 3	NW 3	10	5	—	
19	·763	·700	55·5	55·4	47·3	60·4	·370	·391	84	89	SW 2	S 3	6	7	—	☂ *a.*
20	·703	·519	57·0	57·8	55·1	60·6	·402	·457	86	95	SE 6	ESE 6–7	10	10	·953	Squally ╱ *a.* ● ² ╱ *p.*
21	·331	·467	56·8	50·9	50·9	60·2	·459	·346	99	93	ESE 6	Calm 0	10	0	·084	● ² ╱ till 1*p.* ☰⁰ ☂ ² *p.*
22	29·613	29·834	56·1	56·0	41·7	59·4	·377	·422	83	94	NNW 3	NNE 1	7	10	—	☂ ² *a.*
23	30·026	30·099	56·1	54·0	53·9	58·0	·372	·382	82	92	ESE 5	ESE 5	7	10	·014	╱ *a.* and *p.*
24	30·035	29·967	55·1	56·0	53·8	56·8	·429	·446	98	99	SE 5	Calm 0	10	10	·696	● ╱ till 7*p.* ≋ from 2*p.*
25	29·991	29·915	56·2	55·5	45·3	61·4	·367	·435	81	·98	WSW 3	SSW 4–5	3	10	·153	≋ before 9*a.*
26	30·026	30·093	55·3	50·3	46·8	59·9	·378	·357	86	98	W 4	Calm 0	2	2	—	☂ ² *p.*
27	·162	·239	56·2	50·2	46·4	59·8	·370	·351	82	97	WNW 2	Calm 0	4	4	—	☂ ² *p.*
28	·259	·326	58·0	54·9	45·7	62·1	·457	·420	94	98	SSE 2	Calm 0	8	3	—	☂ ² *a.* and *p.*
29	·274	·206	57·2	56·7	47·6	60·1	·403	·424	86	93	S 5	S 4	4	0	·529	☂ ² *a.*
30	30·293	30·324	56·0	45·1	45·1	57·9	·446	·298	99	99	SSW 3	NE 1	10	2	·037	≋⁰ (mist) 9*a.* ☂ ² 9*p.*
Means	29·977	29·978	55·7	52·7	48·1	59·8	·375	·370	84·0	92·6	3·0	1·8	7·4	6·4	3·335	

WAKEFIELD.

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

SEPTEMBER 1881.

1	30·283	30·341	53·2	48·0	48·0	56·4	·280	·264	69	79	NNW 4	NNW 4	7	3	—	Fine and bright greater part of day.
2	·253	·225	53·0	52·6	47·3	61·0	·325	·369	81	93	N 2	N 2	10	6	·070	Fine after 11.30*a.*
3	30·096	30·049	56·2	52·4	50·2	59·3	·365	·374	81	95	NE 1	NNE 1	10	2	·100	
4	29·940	29·951	57·2	54·0	51·3	61·1	·430	·381	91	91	ENE 1	NE 1	10	5	·180	
5	·838	·676	55·8	52·4	51·3	63·8	·355	·361	79	91	NE 2	NNW 1	8	10	·070	
6	·516	·602	52·6	52·8	49·5	56·6	·369	·356	93	88	NNE 2	Calm 0	5	10	—	
7	·611	·704	53·6	55·2	43·2	61·4	·397	·381	97	88	Calm 0	W 1	10	4	—	
8	·749	29·800	56·8	53·4	49·3	62·9	·384	·323	83	79	WSW 2	W 1	10	6	—	
9	29·904	30·010	56·4	54·2	43·1	62·8	·386	·377	86	90	N 2	NNE 1	7	6	—	
10	30·085	·088	56·6	51·2	51·1	60·6	·355	·330	77	88	NE 3	N 3	9	5	·140	
11	30·046	·048	51·5	52·4	49·6	55·0	·362	·377	96	96	N 2	ENE 1	10	10	·010	
12	29·985	·012	53·0	53·2	51·1	57·4	·382	·345	95	85	N 3	WNW 1	10	10	—	
13	30·079	·080	54·2	55·2	51·1	60·2	·384	·371	91	85	NW 1	Calm 0	10	10	—	
14	·100	·124	55·8	53·6	45·9	63·1	·391	·361	87	88	Calm 0	W 2	5	5	—	
15	·136	·119	55·6	56·2	40·2	61·2	·340	·385	77	85	WNW 1	W 1	9	0	—	
16	·208	30·181	52·6	45·4	41·2	61·8	·353	·285	89	94	W 1	WSW 2	10	6	—	
17	30·005	29·802	45·4	55·2	41·4	61·2	·295	·416	97	96	ESE 2	E 2	10	10	·270	Dull and gloomy.
18	29·625	·647	63·6	55·8	52·9	69·2	·487	·416	83	93	SW 1	WSW 2	7	5	·130	Fine till Noon, then ● showers.
19	·790	·874	57·0	48·0	47·9	65·6	·375	·321	80	96	WSW 2	W 2	8	3	—	Fine after 11.15*a.*
20	·811	·664	57·4	58·2	43·3	67·2	·399	·422	84	87	SSE 2	E 2	9	10	·060	
21	·424	·488	59·2	50·6	50·6	61·8	·461	·364	92	99	SSE 4	SSE 2	10	10	·120	Dull and gloomy.
22	29·552	29·807	55·3	54·0	48·4	56·9	·379	·385	87	92	W 2	NNE 2	10	10	·920	
23	30·055	30·186	51·2	50·2	50·0	54·2	·371	·358	99	99	N 2	NNE 2	10	10	·020	Dull and gloomy.
24	30·194	·036	54·2	56·2	50·1	59·8	·381	·421	91	93	SE 1	ESE 1	10	10	·400	Dull and gloomy. ● ² 9*p.*
25	29·988	·014	59·2	50·0	47·1	64·2	·434	·334	87	93	WSW 1	W 2	10	2	·060	Fine after 10.30*a.*
26	30·009	·145	56·7	49·4	47·6	62·3	·327	·317	71	90	W 2	SSW 2	4	0	·220	Fine.
27	·138	·210	52·2	50·4	44·3	61·9	·382	·351	98	96	SW 1	WSW 1	10	10	·080	T ● ² 11.15*a.* Fine, but dull.
28	·345	·378	50·2	46·7	43·9	60·5	·336	·307	93	96	W 2	W 2	0	4	·010	Fine and bright.
29	·378	·308	44·3	51·4	35·2	64·2	·285	·343	98	90	ESE 1	SSE 1	0	0	·080	Fine and bright.
30	30·345	30·343	55·2	47·2	47·0	65·1	·371	·292	85	91	SW 1	W 1	7	3	—	Fine.
Means	29·983	29·997	54·5	52·2	47·1	61·3	·371	·356	87·2	90·9	1·7	1·5	8·2	6·2	2·940	

LLANDUDNO.

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

SEPTEMBER 1881.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	
	ins.	ins.	°	°	°	°	in.	in.	%	%					ins.	
1	30·349	30·331	54·5	54·4	50·8	56·0	·292	·305	69	72	NE 2	NE 3	4	0	—	Very fine.
2	·306	·257	52·6	56·1	49·0	56·5	·299	·349	75	78	E 2	E 4	7	10	—	Very fine.
3	30·134	30·049	57·3	55·2	47·7	59·0	·356	·393	76	90	E 2	NE 2	1	10	·018	● shower 4*p.*, otherwise fine.
4	29·969	29·898	55·4	56·8	53·3	58·9	·391	·409	90	88	E 2	NE 3	10	10	—	Dull.
5	·793	·658	56·2	55·2	53·4	58·0	·361	·346	80	80	E 4	E 6	3	0	—	Squalls before 9*a.* Sea ≋ *p.* Dull.
6	·527	·552	54·3	53·0	51·7	59·0	·342	·348	81	86	E 1	E 1	10	10	·040	
7	·622	·725	55·0	55·8	51·0	62·6	·385	·393	89	88	WNW 1	W 1	10	10	—	Very fine.
8	·747	29·828	59·7	53·0	51·3	61·0	·416	·333	82	82	SW 1	W 1	1	5	—	Very fine.
9	29·868	30·018	58·3	55·8	50·9	60·2	·394	·416	81	93	NW 1	N 1	7	1	—	Fine. Sea ≋ *p.*
10	30·106	·164	56·0	55·0	54·0	58·0	·375	·349	84	81	E 3	E 5	10	10	·010	Dull and cold.
11	·084	·073	52·7	55·4	51·8	55·4	·305	·384	77	88	E 2	E 0·6	10	10	·020	Dull and cold.
12	·074	·083	55·4	55·3	54·0	58·5	·415	·404	95	92	E 0·6	NE 0·6	10	10	·027	Dull with ≋⁰ (mist) *a.* Fine after-[noon.
13	·079	·094	56·3	52·0	51·8	60·0	·406	·369	89	95	WNW 0·6	N 1	9	0	—	Dull *a.* Fine *p.*
14	·099	·127	57·2	51·8	49·0	58·0	·394	·348	84	90	W 0·6	N 0·6	10	0	—	Bright *a.* Dull *p.*
15	·159	·220	57·0	53·0	49·0	57·7	·349	·304	75	75	NW 1	N 1	7	0	—	Very fine.
16	30·237	30·151	56·2	51·0	46·2	57·2	·340	·322	75	86	N 1	N 1	0	0	—	Beautifully fine.
17	29·938	29·707	57·0	59·0	48·2	59·6	·369	·467	79	94	SW 1	SW 1	10	10	·230	≋⁰ (mist) before 9*a.* ● *p.*
18	·621	·702	62·0	54·2	53·4	62·0	·496	·364	90	86	W 1	N 1	9	10	—	Dull.
19	·788	·833	56·7	52·2	51·8	63·8	·389	·348	85	89	W 0·6	W 0·6	7	0	—	Dull till 11*a.*, then very fine.
20	·720	·528	58·7	60·0	52·2	63·7	·412	·424	84	82	S 2	S 1	10	10	·180	Fair, dull, and sultry.
21	·328	·472	59·4	50·3	50·0	62·0	·461	·317	92	88	S 0·6	W 1	10	0	·060	● showers *a.* Fine *p.*
22	29·643	29·822	55·8	55·2	46·5	59·5	·391	·375	87	87	SW 0·6	W 1	10	10	—	Fine.
23	30·002	30·093	55·3	55·4	53·9	57·9	·389	·399	89	91	E 3	E 2	9	10	·010	≋⁰ (mist) *a.* and *p.*
24	·059	29·980	57·0	58·2	54·0	60·0	·403	·464	86	96	S 4	S 0·6	10	10	·180	≋⁰ (mist) *a.* and *p.*
25	·019	29·972	57·0	57·4	52·8	62·5	·406	·374	87	80	W 1	W 2	2	10	·120	≋⁰ mist.
26	·062	30·121	57·0	56·0	51·8	61·0	·371	·384	80	86	W 1	W 1	6	10	·016	Very fine.
27	·173	·241	57·0	52·3	52·0	59·6	·394	·336	85	85	W 1	W 1	9	9	—	Very fine.
28	·316	·353	59·0	54·0	49·1	62·0	·396	·371	80	89	W 1	W 1	8	0	—	Dull *a.* Fine *p.*
29	·314	·244	61·0	58·3	50·4	64·4	·353	·378	66	76	SW 3	SW 1	5	1	·070	Fine till 10*p.*, then ●.
30	30·304	30·328	59·5	53·8	53·5	63·3	·403	·374	79	90	S 0·6	SE 0·6	8	0	—	Very fine.
Means	29·981	29·987	56·9	54·8	51·2	59·9	·382	·372	82·4	86·1	1·5	1·6	7·4	5·9	0·981	

BUXTON.

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

SEPTEMBER 1881.

1	30·316	30·402	50·4	44·4	41·9	53·7	·248	·237	68	81	NE 6	NE 3	3	4	—	
2	·322	·278	49·6	49·6	40·1	57·9	·312	·305	88	86	NE 2	NE 2	9	6	—	Dull and heavy.
3	·107	30·068	52·0	50·1	40·1	56·9	·338	·328	87	91	NE 1	SE 3	8	10	—	
4	30·009	29·853	52·4	52·3	46·9	59·5	·379	·375	96	96	SE 1	SE 3	10	10	·070	
5	29·831	·689	49·4	49·0	48·0	58·4	·319	·315	91	91	SE 4	NE 2	7	10	—	
6	·560	·607	49·6	48·9	41·2	53·7	·294	·334	83	97	NE 1	WNW 1	10	10	·090	≋⁰ (mist) *a.*
7	·665	·784	54·4	46·9	41·4	62·2	·353	·308	83	97	NW 1	NW 1	8	4	·030	≋⁰ (mist) *a.*
8	·803	29·854	52·9	51·3	41·9	54·2	·360	·308	90	82	NW 1	SW 2	9	8	—	
9	29·924	30·069	57·8	49·6	43·1	61·2	·451	·338	93	95	NW 2	Calm 0	3	6	·080	
10	30·131	·170	51·4	48·6	43·9	56·4	·327	·299	86	88	NE 3	NE 1	9	10	—	
11	·007	·083	50·4	49·9	43·9	54·2	·305	·333	84	93	ENE 1	NE 2	10	10	·090	≋⁰ (mist) *p.*
12	·081	·129	51·0	50·6	48·4	54·2	·351	·353	94	96	NE 2	NE 1	10	10	·080	≋⁰ (mist).
13	·138	·140	53·6	49·9	48·9	57·2	·377	·352	92	98	NE 1	NW 1	10	10	·060	
14	·144	·121	53·5	49·6	43·9	63·7	·331	·324	81	92	NW 1	NW 1	8	5	—	
15	·191	·265	53·1	43·2	39·3	57·4	·336	·255	83	91	NW 1	NNW 1	8	0	—	Fine day.
16	·249	·078	51·9	48·3	37·3	67·6	·297	·308	77	92	NNW 2	WNW 1	6	0	—	Fine and sunny.
17	30·045	30·008	48·1	53·4	31·3	57·4	·298	·366	89	89	NE 1	SW 2	10	10	·140	≋⁰ (mist) *a.*
18	29·715	29·581	57·5	53·9	50·7	67·6	·439	·375	93	91	SW 3	WSW 2	6	10	·070	
19	·816	·944	53·4	42·9	42·6	64·1	·358	·269	88	98	NW 2	NW 1	7	0	—	Fine and sunny. Mild.
20	·859	·489	55·4	55·1	42·1	61·8	·381	·404	87	93	SW 2	SE 3	8	10	·100	╱ ☾ ● *p.*
21	·475	·557	55·3	47·3	46·6	58·4	·425	·308	97	95	SE 2	SE 2	10	4	·260	☾ ² ●. Warm and oppressive.
22	29·645	29·853	49·7	50·6	45·4	53·8	·328	·364	92	99	NW 2	NE 3	10	10	·110	≋⁰ (mist).
23	30·070	30·216	48·7	48·3	47·4	51·8	·298	·324	87	99	NE 2	NE 2	10	10	·250	≋⁰ (mist).
24	·209	·110	51·9	52·6	47·3	54·4	·373	·377	97	95	SE 2	SE 2	10	10	·520	≋⁰ (mist).
25	·000	·070	53·6	47·6	45·9	60·2	·364	·288	88	88	SSW 1	NE 1	10	4	·250	≋⁰ (mist).
26	·085	·224	52·2	44·8	42·1	60·5	·343	·265	88	89	SW 1	SW 1	4	0	·150	
27	·288	·294	50·9	46·9	42·3	58·2	·352	·308	95	97	SW 1	NW 1	10	10	—	
28	·368	·433	51·2	41·4	35·4	64·1	·319	·250	85	96	NW 1	NW 1	3	0	—	≋⁰ (mist) *a.*
29	·398	·389	54·9	52·3	35·3	60·9	·317	·329	74	83	SW 1	SW 1	0	0	—	Fine and sunny. ☂ *p.*
30	30·401	30·440	53·4	39·9	39·4	61·2	·366	·235	89	96	WSW 1	NW 1	6	0	—	☂ before 9*a.*
Means	30·028	30·043	52·3	48·6	42·9	58·8	·345	·318	87·5	92·5	1·7	1·6	7·7	6·4	2·350	

HILLINGTON, NORFOLK.

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

SEPTEMBER 1881.

Day.	Barometer at 32° and M.S.L. 9 a.m.	Barometer at 32° and M.S.L. 9 p.m.	Air Temperature. 9 a.m.	Air Temperature. 9 p.m.	Air Temperature. Min.	Air Temperature. Max.	Tension of Vapour. 9 a.m.	Tension of Vapour. 9 p.m.	Relative Humidity. 9 a.m.	Relative Humidity. 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	30·127	30·236	52·9	52·4	49·5	53·9	·305	·377	76	96	N 4	N 4	10	10	·150	
2	·184	30·130	55·9	52·9	47·8	56·0	·394	·389	89	98	E 2	N 2	8	8	·221	Fine early *a*. ● showers all day.
3	30·063	29·984	57·3	49·4	49·4	62·9	·451	·334	96	95	E 1	E 1	7	2	—	●² early *a*.
4	29·950	·894	59·1	55·7	48·2	63·4	·397	·416	80	94	S 1	NE 1	8	10	·011	Fine and bright.
5	·765	·669	57·6	52·7	51·5	61·6	·393	·384	82	96	E 2	S 1	7	7	·117	
6	·481	·593	55·9	52·6	45·1	65·4	·415	·391	93	99	S 2	SW 1	10	4	·648	
7	·621	·741	56·4	48·9	48·1	61·9	·404	·315	89	92	N 1	S 0·5	9	0	—	Fine and bright.
8	·769	·776	54·7	53·0	43·5	65·8	·384	·394	90	98	E 1	E 1	3	8	—	≡ early *a*. Bright and warm.
9	·869	29·993	57·3	48·8	46·5	60·4	·393	·335	84	97	E 2	NW 1	9	6	—	≡ *p*.
10	·921	30·003	55·9	53·4	48·1	57·4	·397	·374	89	91	NE 3	N 1	10	7	—	≡ before 9*a*.
11	·932	29·924	54·1	54·9	51·5	58·2	·381	·396	91	92	N 4	N 1	10	10	·070	
12	29·985	30·025	55·8	53·5	52·0	56·2	·436	·386	98	95	E 2	NW 2	10	10	·308	● nearly all day.
13	30·089	·161	53·6	54·7	51·1	61·9	·385	·399	94	93	W 2	W 1	10	8	·030	
14	·080	·122	54·7	54·1	48·5	62·5	·384	·401	90	96	N 1	SW 1	4	10	—	≡ early *a*. and 9*p*.
15	·089	·201	54·4	45·0	44·8	65·2	·406	·295	96	98	W 1	W 1	6	0	—	≡ early *a*. Fine day.
16	·225	30·179	54·2	46·6	43·2	61·9	·327	·316	77	99	SW 1	W 1	8	4	·003	≡ before 9*a*. Fine, bright, and hot.
17	30·072	29·874	55·5	57·0	41·0	62·0	·391	·400	89	86	S 1	SSE 1	10	2	·007	≡ early *a*. and *p*. [≡ at night.
18	29·713	·595	60·0	60·0	54·3	74·7	·425	·425	83	83	S 1	SW 0·5	7	2	·250	≡ *a*. Fine and sunny. ☾ 7*p*. Dis-
19	·789	·884	56·0	52·2	52·2	64·5	·396	·385	88	99	SW 1	W 0·5	10	0	—	☽² *p*. [tant ☾ 9*p*. ●² 9.45*p*.
20	·880	·694	62·6	56·6	44·1	68·2	·462	·371	82	81	SE 1	SE 4	5	8	·040	Very fine and sunny. ☽ 9*p*.
21	·480	·478	61·7	57·3	56·0	64·4	·477	·462	88	99	SE 4	SE 0·5	8	8	·400	
22	·513	29·754	55·4	53·1	52·5	59·5	·406	·386	93	96	W 3	N 1	10	8	·175	
23	29·969	30·149	55·7	52·3	51·9	57·3	·415	·362	93	92	NE 3	ENE 2	10	10	·008	Fine. ☽ *a*. and *p*.
24	30·216	·115	59·8	57·3	52·0	62·3	·422	·427	82	90	SE 4	S 2	4	10	·257	●² 10*p*.
25	·015	·038	57·4	48·3	48·3	66·1	·472	·334	100	99	S 3	NW 0·5	10	0	·040	Very fine afternoon. ≡⁰ (mist) *p*.
26	·069	·136	55·9	48·4	46·8	64·2	·406	·340	91	100	SW 2	SW 0·5	10	2	·012	≡⁰ (mist) *a*. and *p*. Fine and sunny. [≡ *p*.
27	·177	·183	49·3	45·0	45·0	61·4	·339	·299	97	100	SW 0·5	SW 0·5	10	2	·040	≡⁰ (mist) *a*. and *p*. ● 10*a*. Fine *p*.
28	·321	·390	51·6	43·7	42·6	62·5	·382	·285	100	100	SSW 0·5	NW 0·5	10	0	·007	≡ 9*a*. Very damp *a*. Fine and mild. [≡⁰ (mist) *p*.
29	·462	·379	52·7	50·1	38·1	65·3	·384	·352	96	97	S 1	S 0·5	3	1	·006	≡² early *a*. Very fine day. ☽² *p*.
30	30·405	30·364	54·4	47·0	40·6	65·2	·374	·321	89	99	S 0·5	S 0·5	5	0	—	Sunny. ☽² *p*.
Means	29·974	29·989	55·9	51·9	47·8	62·4	·400	·368	89·5	95·0	1·9	1·2	8·0	5·2	3·000	

UPPINGHAM.

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

SEPTEMBER 1881.

1	30·210	30·262	50·6	48·3	45·9	54·0	·301	·304	81	90	N by E 3	NNE 3	9	10	—	Dull and gloomy.
2	·199	·162	51·8	51·9	46·2	59·7	·346	·349	89	91	N by E 3	NNW 3	10	10	—	
3	30·051	30·005	52·1	49·1	48·3	60·6	·379	·337	97	96	N 2	N 1	10	9	·260	●² 1.30*p*.—3.30*p*. Bright 7*p*.—9*p*.
4	29·928	29·887	53·0	53·0	48·0	65·4	·394	·394	98	98	N 1	Calm 0	10	10	—	≡⁰ 5*a*. ≡ 7.30*a*. Sunny mid-day.
5	·794	·645	54·5	52·1	51·2	61·5	·390	·379	92	97	NEbyE 1	NE 2	10	10	·339	
6	·492	·581	51·0	48·7	48·7	54·8	·366	·336	98	98	N by E 1	Calm 0	10	7	·147	●² 7*a*.—10*a*. ● till 1*p*. ☽² 6*p*.
7	·610	·727	56·6	52·0	46·7	64·4	·435	·356	95	92	Calm 0	WSW 1	6	4	—	☽² 8*a*.
8	·741	·778	56·5	54·5	45·1	67·9	·379	·376	83	89	Calm 0	WbyN 1	5	10	—	☽ early *a*. Bright and warm *a*. ∞² *p*.
9	29·863	29·986	58·3	50·1	50·1	66·7	·406	·357	83	98	NW 1	Calm 0	10	4	—	≡ 6*p*.—8*p*.
10	30·053	30·008	54·6	51·0	49·6	57·2	·353	·353	83	94	N by E 3	NE 4	10	10	·010	Dull, with ●⁰.
11	30·005	·013	49·9	52·2	47·8	55·6	·352	·385	98	99	NE 4	NE 3	10	10	·048	●⁰ ≡ *a*. and *p*.
12	29·997	·047	52·6	51·4	50·6	55·6	·380	·356	96	94	NW 3	NNE 2	10	4	·045	
13	30·101	·085	53·1	53·6	50·1	60·6	·385	·372	95	90	Calm 0	Calm 0	10	10	—	Gloomy with ≡ *a*. Brighter *p*.
14	·111	·107	50·6	50·3	46·7	61·9	·355	·345	97	95	W 2	Calm 0	10	3	·060	≡² early *a*. Clear from 10*a*.
15	·134	·167	50·3	52·0	48·3	64·4	·339	·361	93	93	NW 1	C 1	9	10	—	≡⁰ ● early *a*. Bright 10*a*.—2*p*.
16	·216	30·174	52·9	47·8	44·2	61·6	·341	·314	86	95	NW 1	Calm 0	8	0	—	Bright *a*. ≡⁰ late *p*. [Stormy sunset.
17	30·074	29·863	47·1	56·1	42·3	63·7	·320	·393	98	87	Calm 0	S 1	10	10	—	≡² early *a*. Clear 11*a*. Wind rising [1*p*. Dull.
18	29·686	·641	63·0	59·5	52·9	73·4	·474	·502	82	99	SSW 1	Calm 0	7	8	·334	Day warm and sunny. ● T *p*. ☾
19	·797	·875	55·9	53·1	52·7	64·0	·407	·370	92	91	SWbyS 1	NW 1	10	0	—	Sunny *p*. ∞⁰ 9*p*. [in N. 10*p*.—11*p*.
20	·846	·681	56·2	54·0	46·3	64·2	·413	·394	91	94	SSE 3	SEbyE 1	10	9	·159	☽ *a*. Day warm and dull.
21	·434	·490	58·0	52·1	52·1	61·2	·473	·360	98	92	SEbyE 2	SWb.W 1	10	10	·050	Scotch ≡² 7*a*.
22	·550	29·721	53·1	52·7	48·7	58·6	·346	·390	85	98	WbyN 2	NWb.W 2	10	10	·180	Dull and heavy *a*. ● from 2.30*p*.
23	29·955	30·141	50·0	52·1	50·7	59·9	·419	·376	93	96	E by N 1	ENE 1	10	10	·010	Scotch ≡ 7*a*. [● from 5*p*.
24	30·179	·102	54·1	53·2	50·4	59·6	·416	·394	99	98	S by E 1	SWb.S 1	10	10	·610	≡² ☽² *a*. Dull and very gloomy.
25	·000	·044	50·9	51·9	51·9	65·4	·484	·339	94	88	SWb.W 1	Calm 0	9	0	·020	≡² 6*a*. Day warm and sunny.
26	·047	·158	54·8	49·4	49·0	63·0	·402	·317	94	90	W 1	W 1	8	1	·010	Day bright and warm.
27	·177	·233	51·4	49·3	47·1	59·7	·364	·331	96	95	WbyS 1	N 1	10	2	—	●⁰ *a*. ∞ ☽ 9*p*. [day generally.
28	·328	·395	53·1	47·1	44·0	64·5	·341	·302	84	93	N by E 1	Calm 0	0	0	—	☽ ≡ 6*a*. ∞⁰ 9*a*. and 9*p*. Bright
29	·397	·367	53·2	48·0	42·6	60·3	·355	·304	88	92	S 1	Calm 0	0	1	—	≡⁰ ☽² 6*a*. Day bright and warm.
30	30·386	30·375	53·4	47·7	44·9	62·2	·371	·312	91	94	SSW 1	Calm 0	8	0	—	Bright 4*a*. ☽² 7*a*. Much cir. 9*a*. [Day warm and cloudless.
Means	29·979	29·991	53·9	51·5	48·1	61·7	·383	·359	91·6	93·9	1·4	1·0	8·6	6·4	2·282	

CHURCHSTOKE.

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

SEPTEMBER 1881.

Day.	Barometer at 32° and M.S.L. 9 a.m.	Barometer at 32° and M.S.L. 9 p.m.	Air Temperature. 9 a.m.	Air Temperature. 9 p.m.	Air Temperature. Min.	Air Temperature. Max.	Tension of Vapour. 9 a.m.	Tension of Vapour. 9 p.m.	Relative Humidity. 9 a.m.	Relative Humidity. 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	30·322	30·335	50·1	47·9	42·3	51·2	·264	·269	73	81	N 3	Calm 0	9	2	—	Cold and dull.
2	·290	·223	47·9	49·0	36·8	55·6	·260	·318	79	92	NNW 2	WNW 5	2	0	—	☾ ☽ *p*.
3	30·103	30·018	51·9	46·0	44·4	60·0	·318	·296	83	96	N 1	SE 1	8	0	—	☾ 9*p*. Corn cutting finished.
4	29·963	29·868	51·2	50·9	45·3	58·5	·345	·352	92	95	Calm 0	E 5	10	8	—	☽ *a*. ☾
5	·769	·769	52·4	53·2	50·5	56·6	·348	·340	88	84	E 3	ESE 2	10	9	·199	
6	·516	·513	49·5	51·0	48·1	54·5	·342	·361	97	97	Calm 0	SW 1	10	10	·035	
7	·651	·654	53·4	50·9	43·8	61·5	·358	·334	88	90	SW 1	SW 1	5	5	—	Bright and clear *a*. Cloudy *p*. ☽
8	·766	29·766	53·2	52·2	43·0	62·0	·360	·382	89	98	SE 1	Calm 0	5	9	·004	
9	29·900	30·029	55·9	45·8	40·5	63·4	·364	·287	82	93	NW 5	NW 1	4	0	—	☽² *a*.
10	30·085	·122	53·3	51·2	44·0	57·9	·360	·340	88	91	NNE 5	NE 1	10	10	—	≡⁰ (mist) *a*.
11	·081	·079	49·0	51·1	48·9	53·6	·295	·340	85	91	N 2	N 1	10	10	—	∞². Dull and cold.
12	·073	·092	53·3	52·3	50·2	57·8	·370	·373	91	95	NNW 1	Calm 0	10	10	·009	Corn all carried.
13	·093	·102	50·7	51·3	49·6	60·3	·397	·370	87	98	NE 1	NW 1	7	2	·220	
14	·137	·148	50·4	51·8	41·0	64·0	·356	·338	97	87	SSE 1	SW 1	8	8	—	≡⁰ (mist) in valley *a*. Bright and
15	·180	·236	53·3	51·1	39·0	63·4	·324	·318	79	84	WNW 1	NW 1	4	8	—	Clear, bright, and hot. [clear day.
16	·259	30·161	49·9	47·1	36·7	62·3	·316	·311	88	96	NNW 5	Calm 0	2	0	—	Clear, bright, and hot.
17	30·003	29·748	48·2	56·7	39·0	59·9	·330	·409	98	89	ENE 1	SSE 3	10	10	·008	≡² *a*.
18	29·643	·673	62·6	56·1	56·1	65·3	·491	·425	86	94	Calm 0	Calm 0	9	10	·112	
19	·807	·896	55·0	48·9	44·8	63·3	·362	·316	84	92	WNW 1	W 1	9	6	—	
20	·744	·487	55·7	58·0	48·5	64·8	·401	·434	91	90	SSW 3	SW 2	10	10	·595	
21	·350	·506	57·0	45·8	45·1	61·9	·434	·296	93	96	S 4	SE 1	10	0	—	●² early *a*. Bright day.
22	29·650	29·850	49·9	51·9	38·1	61·1	·335	·333	94	86	WNW 1	W 1	8	10	—	☽² *a*. Still and warm.
23	30·029	30·138	52·5	53·7	51·1	57·0	·357	·393	91	95	NE 2	SW 1	10	10	·022	Dull and cool.
24	·126	·001	54·7	56·3	53·0	57·6	·399	·441	93	97	E 2	SSE 5	10	10	·401	●² showers.
25	·035	·031	57·5	53·7	52·2	64·4	·413	·365	87	88	W 1	W 2	8	7	·035	Cool and bright.
26	·079	·186	55·0	49·0	48·1	62·3	·357	·335	83	94	W 3	NW 1	1	5	·169	Bright and hot.
27	·203	·267	54·8	48·0	45·4	61·3	·362	·305	84	92	NW 1	WSW 5	8	10	·009	Mild and clear. ☽ *p*.
28	·348	·379	51·2	51·6	42·6	62·3	·345	·309	92	81	WNW 5	SW 5	1	1	—	☾ *a*. Bright and clear.
29	·367	·360	52·7	52·0	42·4	64·7	·309	·371	81	96	ENE 2	ENE 1	5	5	·093	☾ ☽ ∞ *a*.
30	30·356	30·354	51·7	48·9	48·2	62·3	·365	·315	95	91	ESE 1	E 5	10	0	·005	
Means	29·998	30·000	53·0	51·1	45·3	60·4	·355	·346	87·9	91·6	2·0	1·8	7·4	6·2	1·916	

GELDESTON.

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

SEPTEMBER 1881.

1	30·107	30·143	54·2	55·0	49·6	55·0	·327	·403	78	93	NNW 4	N 4	10	10	·130	
2	30·095	30·078	57·3	55·3	53·6	59·4	·394	·420	83	96	NNE 4	N 1	10	8	·110	
3	29·996	29·965	57·3	55·0	54·0	62·7	·455	·403	97	93	N 1	NNW 1	10	9	·050	T⁰ ☾⁰ ●⁰ *p*.
4	·890	·871	59·1	56·1	52·0	63·9	·415	·445	83	98	NNW 1	Calm 0	9	10	·120	
5	·769	·652	57·1	54·0	53·3	58·8	·398	·391	85	94	NNE 1	Calm 0	8	8	·200	
6	·643	·614	59·1	56·3	50·9	64·7	·406	·384	81	84	SW 4	SW 1	8	2	·140	☾⁰ moving W. to NE. 1*p*. ☽ 9*p*.
7	·608	·741	60·2	55·4	53·7	65·9	·438	·385	85	88	W 1	SW 1	9	0	·010	☾⁰ 6.45*p*. ☽² 9*p*.
8	·750	·753	61·2	55·0	49·3	66·0	·405	·383	76	89	Calm 0	N 1	4	9	—	≡ early *a*. [☽² ≡⁰ 9*a*. ∞ ○⁰ *p*. [☽ Ψ⁰ 9*p*. ≡ 11*p*.
9	·828	·944	59·1	53·0	50·1	60·0	·406	·347	81	86	N 2	NW 1	9	1	·020	○⁰ (with bright patch above sun), [≡⁰ ☽² 9*a*. ☽ 9*p*.
10	·966	·977	55·9	54·7	48·8	57·5	·410	·377	92	88	N 2	NNE 3	10	10	·230	● Noon—4*p*.
11	·948	·960	55·1	55·9	53·1	57·8	·426	·438	98	90	N 2	N 1	10	10	·020	●⁰ till 10*a*.
12	29·928	29·976	55·9	54·8	53·6	59·6	·416	·410	94	95	W 2	WNW 2	10	10	·060	●⁰ Noon—9*p*.
13	30·064	30·107	54·0	52·5	52·3	60·0	·409	·381	98	96	W 1	Calm 0	10	0	·010	≡⁰ 9*p*.
14	·104	·105	56·9	50·8	48·2	65·8	·398	·347	86	93	WSW 1	Calm 0	0	0	·010	≡ 5*a*. ☽² ≡² 9*a*. ≡ 9*a*. ≡ ☽² 9*p*.
15	·110	·160	54·9	51·0	43·7	65·8	·403	·346	94	92	NW 1	NE 1	4	0	—	☽² ≡² 9*a*. ☽² 9*p*.
16	·206	30·175	50·8	48·8	44·0	62·6	·359	·321	96	93	Calm 0	Calm 0	10	0	·010	≡⁰ ☽² 9*a*. ☽² 9*p*.
17	30·104	29·922	57·1	58·2	40·3	66·6	·424	·421	90	87	Calm 0	SSE 1	0	0	·030	≡⁰ ☽² 9*a*. ○ 10*a*. ☽ 9*p*.
18	29·747	·640	60·1	58·1	55·9	69·7	·474	·449	91	92	S 1	Calm 0	10	1	·040	☾⁰ to SW. 9*a*. ☾⁰ ☽² 6*p*.
19	·792	·885	59·9	54·0	53·7	65·9	·452	·385	88	92	W 2	Calm 0	10	1	—	≡⁰ before 9*a*. ☽² 9*p*.
20	·906	·746	56·5	58·2	43·8	67·8	·412	·398	90	82	SE 1	E 3	9	1	·010	☽² 9*a*. Coloured ○⁰ 1*p*. ☽⁰ 9*p*.
21	·527	·495	64·2	59·0	58·2	65·8	·489	·467	81	94	SSE 3	ENE 1	9	10	·190	
22	·502	29·589	55·8	54·0	53·1	59·0	·393	·409	88	98	W 1	NE 4	10	10	·490	● 9*a*.—9*p*. = 0·480 inch.
23	29·952	30·153	59·9	54·0	53·6	59·9	·427	·357	84	85	ENE 3	E 1	9	10	—	☽ ☽⁰ 9*p*.
24	30·235	·169	55·0	58·1	53·7	58·1	·397	·447	92	91	ESE 1	S 3	10	10	·410	☽⁰ 9*p*.
25	·054	·049	57·1	53·7	53·0	64·7	·458	·402	98	97	S 3	Calm 0	10	0	·040	● 3*a*.—Noon. ≡ ☽² 9*p*.
26	·055	·142	56·0	50·8	47·0	63·0	·391	·351	87	94	WSW 1	Calm 0	10	0	·010	☽² 9*a*. and 9*p*.
27	·166	·206	52·0	52·9	46·0	61·7	·348	·375	93	94	Calm 0	Calm 0	10	3	·110	≡² early *a*. ≡⁰ ●⁰ ☽² 9*a*. [1*p*.
28	·308	·389	55·6	46·9	43·5	60·9	·411	·301	93	95	N 1	Calm 0	1	0	·010	≡² early *a*. ☽² 9*a*. ☽² ≡⁰ 9*p*.
29	·416	·387	54·8	50·0	38·0	63·4	·402	·339	94	94	Calm 0	Calm 0	1	0	—	≡² early *a*. ≡⁰ ☽² 9*a*. ☽² ≡² 9*p*.
30	30·408	30·373	54·1	48·2	36·8	62·1	·384	·328	91	98	Calm 0	Calm 0	0	0	·010	≡² early *a*. ≡⁰ ☽² 9*a*. ☽² ≡² 9*p*.
Means	29·973	29·979	56·8	54·0	49·6	62·5	·411	·387	88·9	92·3	1·5	1·0	7·7	4·4	2·460	

CHELTENHAM.

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

SEPTEMBER 1881.

Day.	Barometer at 32° and M. S. L. 9 a.m.	9 p.m.	Air Temperature. 9 a.m.	9 p.m.	Min.	Max.	Tension of Vapour. 9 a.m.	9 p.m.	Relative Humidity. 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	30·267	30·271	51·3	50·8	44·8	57·2	·276	·305	74	82	N	5	N	3	9	10	—	Fine. Young cuckoo seen.
2	·241	·173	56·0	54·2	42·5	60·6	·286	·328	80	78	NW	1	N	2	10	1	—	Very fine day.
3	30·082	30·009	54·2	53·5	49·2	62·7	·348	·381	83	94	NW	1	W	1	8	6	·010	Very fine day.
4	29·937	29·867	54·2	48·7	45·5	63·4	·371	·339	89	99	W	2	W	1	5	6	—	Beautiful day.
5	·770	·650	57·3	56·3	48·0	63·1	·381	·360	82	79	S	2	*E*	2	*10*	*10*	·270	Dull.
6	·510	·530	52·0	49·2	43·2	64·0	·388	·345	100	99	SW	*1*	SW	*1*	*8*	*8*	·020	● till noon, then fine.
7	·650	·700	50·0	54·3	41·5	61·0	·361	·360	100	86	SW	*1*	Calm	0	*4*	*4*	—	Dull and damp *a.*, fine *p.*
8	·760	·790	53·3	54·0	53·0	62·5	·357	·394	88	94	SW	*1*	Calm	0	*3*	*9*	·030	Fine *a.* ● *p.*
9	29·910	29·981	55·5	55·3	49·2	64·0	·348	·351	79	80	SW	*2*	Calm	0	*4*	*8*	—	Very fine day.
10	30·067	30·067	55·5	54·0	43·0	58·6	·382	·351	87	84	N	1	N	2	10	10	—	Fine, but dull.
11	·042	·036	51·6	53·0	49·2	54·3	·328	·379	86	94	N	3	N	1	10	10	·020	Dull and gloomy.
12	·048	·074	53·4	52·9	51·0	58·6	·391	·386	96	97	W	1	N	1	10	10	·010	Dull with ● showers.
13	·106	·098	59·2	52·8	50·6	63·6	·400	·353	80	88	W	1	W	1	5	3	—	Very fine and pleasant.
14	·135	·117	53·4	47·2	39·0	63·0	·382	·318	94	98	SW	1	Calm	0	6	0	—	Beautiful day.
15	·144	·196	52·0	43·3	40·4	62·6	·361	·274	93	98	NW	1	Calm	0	0	0	—	Beautiful day.
16	·237	30·166	51·0	45·5	**35·7**	64·1	·328	·298	87	98	W	1	W	1	3	0	—	Magnificent day.
17	30·000	29·829	57·0	59·4	44·3	65·3	·409	·413	88	82	S	3	S	3	8	10	—	
18	29·669	·664	63·6	61·6	55·7	**71·2**	·461	·480	79	88	S	1	Calm	0	4	9	·079	
19	·827	·877	58·8	54·6	50·5	64·5	·449	·379	91	89	W	1	W	1	5	7	—	Very fine day.
20	·774	·541	59·9	61·5	50·0	67·0	·427	·433	84	80	S	2	S	5	10	6	·320	Squally *9p.*
21	·375	·496	60·6	48·5	48·2	63·1	·441	·327	84	96	S	2	S	1	10	0	—	Very fine day.
22	·632	29·786	48·8	54·4	39·6	62·2	·307	·412	89	97	S	1	S	1	8	10	·060	
23	29·999	30·112	52·6	54·7	51·5	58·0	·379	·419	96	98	N	1	Calm	0	10	10	·030	Showery and dull.
24	30·164	·027	55·0	56·5	53·4	59·5	·410	·441	94	97	S	1	S	1	6	10	**·490**	● from *1p.*
25	·046	·069	60·6	54·7	53·4	66·0	·441	·373	84	88	SW	1	SW	1	8	0	·090	Magnificent day.
26	·069	·178	56·8	48·5	45·7	63·0	·394	·318	85	94	SW	2	SW	1	5	5	·190	Very fine.
27	·187	·265	52·9	43·5	43·0	60·8	·378	·276	95	98	SW	1	W	1	7	0	·050	
28	·342	·386	49·0	43·2	38·2	63·0	·340	·273	98	98	Calm	0	Calm	0	8	0	—	≋0 *9a.* Very fine day.
29	·401	·354	52·0	51·0	39·5	63·8	·339	·324	87	87	Calm	0	S	1	6	0	—	≋0 (mist) *9a.* Very fine day.
30	30·371	30·346	53·6	44·6	43·8	63·0	·361	·278	88	94	SE	2	SE	1	9	0	—	Very fine day.
Means	29·992	29·989	54·5	52·1	46·1	62·5	·374	·356	88·0	91·1		1·4		1·1	7·2	5·4	1·660	

CARMARTHEN.

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

SEPTEMBER 1881.

1	30·338	30·311	53·5	49·0	41·0	59·4	·289	·288	71	83	N	2	Calm	0	6	0	—	
2	·284	·263	54·7	50·1	41·1	62·8	·274	·328	64	91	N	2	N	2	0	0	—	
3	30·117	30·024	55·4	49·2	41·2	62·7	·323	·335	74	96	E	1	NE	1	0	1	—	
4	29·950	29·832	58·5	53·7	42·6	64·3	·356	·370	73	89	SE	1	Calm	0	1	0	—	
5	·686	·538	57·5	54·7	48·4	61·6	·385	·369	82	87	E	3	E	3	8	10	·270	
6	·518	·554	53·9	53·6	51·2	58·3	·375	·379	91	93	NE	1	NE	1	10	10	·010	
7	·660	·734	58·4	51·1	46·0	60·7	·386	·355	79	94	Calm	0	Calm	0	5	0	·080	
8	·767	·848	50·1	48·0	41·9	62·7	·357	·369	98	93	Calm	0	Calm	0	10	4	·570	
9	29·915	29·990	55·5	56·8	44·3	62·1	·389	·409	89	88	E	1	NE	3	8	8	·070	≋ before *9a.*
10	30·069	30·091	57·2	54·4	46·5	62·7	·389	·361	83	85	SE	1	N	2	0	10	—	
11	·083	·068	52·2	53·1	50·0	56·6	·298	·327	77	80	N	2	N	2	8	8	—	
12	·070	·095	58·4	52·9	51·4	61·4	·396	·375	81	94	N	1	N	1	10	10	—	
13	·100	·100	54·4	51·8	50·8	63·8	·400	·374	95	97	Calm	0	E	1	10	0	—	
14	·127	·126	51·9	50·9	47·2	65·2	·378	·339	98	91	Calm	0	Calm	0	0	0	—	
15	·159	·223	48·6	49·6	38·3	64·2	·333	·295	97	83	E	2	Calm	0	0	0	—	≋ *9a.* and before.
16	30·227	30·112	54·2	48·3	**37·9**	**65·6**	·309	·321	73	95	SE	2	Calm	0	0	0	—	≋ *9a.* and before.
17	29·950	29·707	55·2	60·4	46·2	63·0	·304	·477	91	92	E	1	SE	2	10	10	·240	
18	·650	·691	60·0	57·0	56·4	65·3	·518	·437	100	94	S	1	Calm	0	10	10	·080	
19	·826	·839	58·8	54·4	52·8	63·8	·399	·374	81	89	SW	2	Calm	0	10	10	·020	
20	·695	·436	62·3	61·5	54·3	64·3	·451	·451	81	84	SE	4	S	6	7	8	·180	
21	·328	·489	56·0	49·2	48·9	62·7	·419	·319	93	92	SW	4	W	1	10	2	—	
22	29·667	29·859	52·5	51·1	40·0	64·4	·316	·355	80	94	Calm	0	Calm	0	4	0	—	
23	30·021	30·091	55·5	54·2	45·1	63·2	·389	·394	89	94	E	1	E	1	10	8	—	
24	·095	·018	55·6	57·5	53·8	60·2	·404	·470	91	99	SE	4	Calm	0	10	10	·410	
25	·079	·041	59·6	57·0	50·8	64·4	·401	·419	78	90	W	2	SW	2	1	9	**·620**	
26	·098	·167	57·8	52·6	47·3	63·6	·369	·371	77	94	NW	2	SW	2	4	5	·030	
27	·201	·272	58·8	48·9	48·9	64·2	·404	·321	82	93	Calm	0	Calm	0	4	2	—	
28	·352	·360	49·7	49·9	44·7	63·7	·334	·352	94	98	Calm	0	Calm	0	10	0	—	
29	·358	·314	56·7	55·3	45·3	65·2	·377	·422	82	97	Calm	0	Calm	0	0	10	·130	≋ before *9a.*
30	30·344	30·322	54·9	49·9	49·9	62·7	·393	·342	92	95	SE	2	Calm	0	10	0	—	
Means	29·991	29·984	55·6	52·9	46·8	62·8	·374	·368	84·5	91·5		1·4		1·0	5·9	4·8	2·710	

MARLBOROUGH.

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

SEPTEMBER 1881.

Day.	Barometer at 32° and M. S. L. 9 a.m.	9 p.m.	Air Temperature. 9 a.m.	9 p.m.	Min.	Max.	Tension of Vapour. 9 a.m.	9 p.m.	Relative Humidity. 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	30·306	30·276	50·5	50·7	47·7	56·1	·277	·302	76	82	NE	1	ENE	2	9	10	—	
2	·213	·169	52·7	51·9	46·0	59·9	·317	·342	80	88	N	1	Calm	0	8	1	—	
3	30·052	30·013	53·2	51·7	46·7	62·1	·348	·329	86	86	Calm	0	Calm	0	8	0	—	
4	29·950	29·943	55·2	51·5	45·1	59·6	·367	·352	85	93	Calm	0	Calm	0	9	3	—	☽2 before *9a.*
5	·771	·573	53·8	53·9	45·1	59·3	·397	·393	95	95	SE	1	SSE	1	10	10	·370	
6	·511	·560	57·8	55·2	52·5	63·1	·378	·382	79	88	SSW	2	Calm	0	6	8	—	
7	·648	·756	59·4	53·7	50·6	66·9	·422	·360	84	87	Calm	0	Calm	0	6	4	·020	
8	·762	·805	56·5	55·7	43·7	63·3	·353	·382	77	87	Calm	0	Calm	0	2	9	—	≋0 (mist) *9a.*
9	29·911	29·971	55·7	55·8	50·9	67·7	·394	·399	89	89	NNW	1	Calm	0	4	2	—	
10	30·120	30·057	54·2	53·2	45·3	57·8	·369	·358	88	89	Calm	0	Calm	0	8	10	—	
11	·029	·037	50·7	52·7	49·1	54·5	·324	·367	87	92	Calm	0	Calm	0	10	10	·020	
12	·047	·097	52·6	52·7	51·2	58·0	·374	·375	95	94	Calm	0	Calm	0	10	10	—	≋0 (mist) *9a.*
13	·123	·131	54·9	51·4	49·6	63·6	·386	·353	90	93	Calm	0	Calm	0	10	10	—	≋0 (mist) *9a.*
14	·133	·141	60·6	48·7	42·5	67·4	·371	·316	71	92	Calm	0	Calm	0	3	0	—	≋ before *9a.*
15	·142	·202	54·9	47·7	45·2	63·9	·364	·297	85	90	Calm	0	Calm	0	8	0	—	≋ before *9a.*
16	·243	30·176	54·3	49·8	**37·0**	66·9	·302	·329	72	92	Calm	0	Calm	0	0	0	—	≋ before *9a.* ≋0 (mist) *9a.* and *9p.*
17	30·045	29·876	58·6	58·4	44·4	64·3	·427	·421	87	86	Calm	0	SSE	1	10	9	—	≋ before *9a.* ≋0 (mist) *9a.*
18	29·701	·705	63·6	60·1	52·5	**74·7**	·459	·496	78	95	Calm	0	Calm	0	1	10	·040	
19	·837	·917	59·6	53·3	53·3	66·1	·436	·360	86	88	Calm	0	SW	1	10	0	—	
20	·824	·597	58·6	58·7	49·2	66·1	·430	·453	88	92	SSE	2	Calm	0	10	10	·550	
21	·414	·524	58·4	49·9	49·9	62·2	·439	·328	90	92	SW	1	Calm	0	10	1	·010	
22	·646	29·766	52·2	52·7	41·2	61·1	·343	·339	88	85	Calm	0	NNW	1	10	10	·030	≋0 (mist) *a.* and *p.*
23	29·981	30·125	52·7	54·6	51·1	57·0	·367	·400	92	94	NNW	1	Calm	0	10	10	·020	
24	30·188	·099	54·9	55·7	53·4	60·0	·419	·419	98	94	Calm	0	S	3	10	10	**·710**	
25	·065	·125	59·7	48·7	48·4	68·9	·470	·316	92	92	Calm	0	Calm	0	9	0	·030	
26	·081	·205	57·9	50·7	46·3	64·6	·436	·346	91	94	W	1	Calm	0	10	0	·030	
27	·202	·275	53·0	47·1	47·1	63·1	·377	·306	94	95	Calm	0	Calm	0	10	1	·010	≋0 (mist) *9a.*
28	·341	·410	57·7	45·4	45·1	65·0	·357	·285	75	94	Calm	0	Calm	0	0	0	—	≋ before *9a.* ≋0 (mist) *9a.*
29	·421	·392	50·7	49·1	37·7	63·3	·324	·333	87	96	Calm	0	Calm	0	0	0	—	≋2 before *9a.* ≋ *9a.*
30	30·404	30·368	47·6	45·7	41·2	62·6	·328	·280	99	92	Calm	0	Calm	0	10	5	—	≋ *9a.* and before.
Means	30·004	30·010	55·4	52·2	46·9	63·0	·379	·357	86·1	90·9		0·4		0·3	7·4	5·1	1·840	

STRATHFIELD TURGISS.

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

SEPTEMBER 1881.

1	30·231	30·229	52·6	53·8	39·4	61·3	·330	·338	83	81	NW	1	NW	1	8	8	—	
2	·160	·158	54·2	52·1	40·4	58·1	·307	·329	73	84	NW	1	NW	2	3	10	—	
3	30·001	30·023	55·6	49·0	41·0	63·2	·358	·329	81	95	NW	2	NW	1	5	0	—	
4	29·947	29·882	54·4	49·3	42·1	63·0	·382	·330	91	95	NW	1	NW	1	10	3	—	≋ *9a.* ☽ *p.*
5	·767	·598	54·7	54·0	45·0	61·2	·396	·397	93	95	NE	1	E	2	10	10	·505	≋ *9a.*
6	·542	·566	60·4	54·9	52·8	66·0	·379	·399	72	93	SW	4	SW	1	4	8	·020	
7	·652	·765	60·8	52·6	51·9	65·9	·419	·371	79	94	NW	1	SW	1	6	2	·010	
8	·761	·822	53·3	53·2	43·2	63·8	·381	·385	94	96	SW	1	W	1	8	3	·001	
9	29·900	29·994	50·8	54·3	49·8	68·2	·366	·381	71	90	NW	3	W	1	2	0	—	
10	30·025	30·031	55·3	54·4	44·6	59·7	·386	·358	89	85	SE	2	W	3-4	10	10	—	
11	·002	·017	53·3	54·0	51·1	56·6	·344	·382	84	92	N	3	NE	1	10	10	·034	
12	·034	·079	55·4	53·3	52·4	60·4	·406	·384	93	95	NW	1	NW	2	10	10	·011	
13	·124	·131	57·0	51·3	49·5	63·1	·397	·357	85	95	W	1	NW	1	10	9	—	
14	·137	·134	60·2	51·8	44·5	67·9	·407	·356	78	92	SW	3	W	1	2	1	—	≋ ☽ *a.*
15	·129	·173	55·7	47·7	47·0	66·9	·391	·313	88	95	Calm	0	E	1	3	0	—	≋ ☽ *a.*
16	·235	30·175	53·4	47·9	**38·5**	66·2	·345	·311	85	94	Calm	0	NW	1	4	4	—	≋ ☽ *9a.*
17	30·066	29·874	59·8	57·7	44·0	65·6	·462	·404	90	85	S	1	S	1	4	7	·014	≋ ☽ *9a.*
18	29·714	·694	61·4	61·0	52·3	**74·0**	·459	·472	85	89	S	1	S	1	6	10	·075	T *a.* and *p.*
19	·840	·922	61·2	55·0	45·1	67·1	·479	·370	89	86	W	1	NW	3	10	0	—	
20	·855	·618	61·4	60·0	48·3	67·2	·459	·453	85	88	S	3	S	2	10	5	·132	
21	·444	·529	60·1	51·3	51·0	63·4	·482	·349	93	92	NE	2	SW	1	10	3	—	
22	·629	29·728	52·5	52·7	43·5	61·7	·339	·365	86	92	W	3	SW	3	10	10	·178	Squally mid-day.
23	29·952	30·104	53·9	55·8	51·9	59·6	·386	·424	93	95	N	3	E	1	10	10	—	≋ *p.*
24	30·188	·131	58·4	55·1	52·3	59·9	·430	·419	88	96	E	2	SE	1	10	10	**·535**	≋ *p.*
25	·055	·109	64·2	48·9	48·6	69·1	·516	·323	86	94	W	2	NW	1	8	0	—	
26	·083	·202	58·8	49·6	45·7	65·2	·446	·334	90	95	W	2	NE	1	6	0	—	
27	·196	·248	52·2	46·4	46·3	64·1	·371	·298	96	95	NW	1	NW	1	10	0	·169	
28	·336	·309	58·4	45·8	41·0	65·1	·382	·289	78	94	N	2	NE	1	0	0	—	≋ *p.*
29	·431	·395	46·4	46·3	39·5	63·9	·305	·297	97	95	Calm	0	SE	1	10	0	—	≋ *9a.* and *p.*
30	30·411	30·359	48·4	45·3	38·9	63·9	·327	·290	96	96	Calm	0	SE	1	10	0	—	≋ *9a.* and *p.*
Means	29·995	30·003	56·4	52·2	46·1	64·1	·305	·360	86·4	92·1		1·6		1·4	7·3	4·8	1·684	

RAMSGATE.

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

SEPTEMBER 1881.

Day.	Barometer at 32° and M. S. L. 9 a.m.	9 p.m.	Air Temperature. 9 a.m.	9 p.m.	Min.	Max.	Tension of Vapour. 9 a.m.	9 p.m.	Relative Humidity. 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	30·061	30·108	57·2	56·0	51·0	58·2	·400	·410	85	91	NW 2	NW 3	10	10	·170	
2	·062	30·074	57·2	56·5	54·1	61·2	·444	·409	95	89	NW 2	NW 3	7	10	·010	● from noon.
3	30·025	29·970	56·5	55·5	53·2	64·7	·421	·377	92	86	NW 3	NW 2	5	7	·060	
4	29·924	·822	57·0	56·2	53·1	65·3	·384	·407	82	90	NW 2	NW 1	9	8	·090	
5	·774	·639	59·1	57·2	53·0	65·3	·431	·459	86	98	N 2	SW 1	10	10	·560	Very fine day.
6	·620	·614	59·8	57·2	53·3	62·0	·418	·428	81	91	SW 5	Calm 0	7	10	—	
7	·635	·791	62·8	55·2	54·2	66·4	·501	·406	88	93	W 1	Calm 0	5	0	—	Fine and sunny.
8	·765	·765	59·0	56·8	51·9	61·0	·433	·428	87	92	Calm 0	NW 1	10	10	·060	
9	·859	·988	58·7	55·0	54·9	64·7	·386	·375	79	87	W 3	NW 2	7	10	·020	
10	·971	29·953	59·2	54·5	54·0	63·4	·473	·407	95	96	NW 1	N 2	10	10	·880	● all day.
11	·902	30·018	56·1	56·5	54·2	62·3	·444	·412	98	90	N 4	N 1	10	10	·080	●⁰ all day.
12	29·987	·072	59·5	56·1	54·5	60·4	·427	·444	84	98	NW 2	NW 2	3	10	·050	
13	30·137	·156	56·5	54·1	52·5	64·5	·367	·357	80	85	W 1	NW 2	10	5	—	Damp and chilly.
14	·160	·135	59·3	55·1	50·5	63·3	·409	·404	81	93	W 1	W 1	2	1	—	Fine.
15	·134	·164	58·8	59·0	52·3	65·7	·439	·489	89	98	Calm 0	Calm 0	9	1	—	∞ 9a. Fine. ≋⁰ (mist) p.
16	·251	30·200	57·2	57·3	47·5	64·4	·428	·393	91	84	Calm 0	Calm 0	10	0	—	≋⁰ (mist) before 9a.
17	30·101	29·034	60·5	60·0	50·0	63·8	·462	·421	88	81	SW 2	SW 3	10	2	·110	∞
18	29·681	·670	64·1	61·5	56·8	68·3	·494	·487	83	90	SW 3	SW 1	10	10	·120	
19	·854	·954	62·5	56·8	56·5	70·7	·541	·425	96	92	SW 1	SW 2	10	8	·060	
20	·936	·704	60·2	61·1	48·8	66·4	·462	·487	89	91	SW 2	SW 1	6	0	—	
21	·525	·525	60·0	56·3	55·0	62·3	·514	·406	99	89	SW 2	SW 1	10	10	—	
22	·590	29·711	53·5	53·5	52·1	57·2	·360	·365	88	89	NW 1	NW 4	10	10	·080	
23	29·945	30·119	57·7	58·2	52·5	63·2	·416	·444	87	91	E 1	E 3	10	10	—	
24	30·244	·210	58·0	58·5	57·1	63·2	·433	·434	89	89	E 2	NE 4	10	10	·560	
25	·103	·056	56·1	56·5	54·6	62·9	·444	·421	98	92	SW 4	SW 2	10	0	·150	●² 6a.—11a.
26	·140	·188	59·6	54·9	49·1	62·2	·431	·396	85	92	SW 1	SW 1	5	2	·160	
27	·220	·222	52·9	52·8	50·1	62·3	·367	·374	92	93	W 1	NE 1	10	7	—	
28	·242	·400	54·2	53·2	51·5	62·2	·351	·364	83	90	NE 1	NE 1	2	1	—	
29	·430	·445	56·0	53·1	48·5	62·5	·386	·349	86	86	SW 1	NE 1	2	0	—	
30	30·423	30·346	58·1	52·1	48·1	64·4	·388	·334	81	85	NE 2	E 1	2	0	—	
Means	29·990	29·998	58·2	56·2	52·5	63·5	·428	·410	87·9	90·4	1·8	1·6	7·7	6·1	3·220	

SOUTHAMPTON.

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

SEPTEMBER 1881.

1	30·231	30·227	53·0	52·8	48·9	60·0	·288	·328	72	82	NNW 4	NE 5	10	7	—	
2	·188	·149	55·0	56·0	47·9	62·7	·342	·340	79	75	NNE 5	NNE 4	2	10	—	
3	30·078	30·001	56·0	52·8	48·1	62·2	·363	·366	80	91	N 2	NW 1	10	9	—	≋ p. ☂ later p.
4	29·951	29·868	51·6	51·6	44·9	63·4	·361	·353	95	93	NNE 1·5	SW 1	10	0	—	☂ a. and p. ≋⁰ 9p.
5	·743	·522	56·5	55·1	46·0	63·2	·390	·423	85	97	E 2	ENE 4	10	10	·647	☂ a. ●² from 6p.
6	·552	·559	59·9	57·4	53·9	65·4	·375	·412	73	87	SW 3·5	ESE 2	5	10	·015	
7	·662	·763	62·3	54·6	53·1	65·8	·409	·401	74	94	NW 1·5	SW 1	9	1	—	☂ at night.
8	·752	·800	55·2	56·2	49·7	61·7	·410	·391	94	87	NE 0·5	NW 2	10	10	·012	☂ a.
9	29·907	29·965	57·1	54·5	52·5	68·2	·401	·379	86	89	NW 1·5	SW 1	10	1	—	☂ a. and p.
10	30·040	30·023	59·1	55·1	47·7	61·3	·390	·369	78	85	NE 3	N 3·5	3	10	—	☂ a.
11	29·992	·008	52·7	52·8	51·7	56·9	·336	·377	84	94	NNE 3	NW 3	10	9	·020	● 6p.—7.30p.
12	30·037	·080	56·7	55·8	51·2	61·0	·401	·396	87	89	N 2·5	NW 1	10	10	—	
13	·126	·128	58·4	54·3	52·5	66·4	·405	·371	83	88	SW 1	SW 2	9	10	—	☂ a. and p.
14	·148	·124	60·9	57·2	47·3	69·3	·387	·429	73	91	NW 1	Calm 0	2	10	—	☂ ² a.
15	·119	·166	62·2	54·1	53·0	69·1	·389	·362	70	86	NW 1	NE 1·5	2	0	—	☂ a. and p.
16	·229	30·159	57·7	55·0	43·4	68·0	·361	·400	76	92	NE 1·5	S 1	0	0	—	☂ ² a. and p. ≋⁰ 9p. ≋² later.
17	30·046	29·855	61·6	59·9	49·1	64·8	·448	·454	82	89	SSE 2·5	SE 3	7	10	·020	≋ ☂ before 9a. ☂ 9a.
18	29·706	·718	65·0	60·9	55·0	74·9	·484	·494	79	93	ESE 0·5	SW 2	4	10	·060	
19	·845	·930	59·9	53·3	53·2	66·5	·490	·379	96	93	W 1·5	SW 1	10	0	—	Fine and pleasant. ☂² p.
20	·835	·573	61·6	61·9	52·3	68·6	·472	·492	86	90	SSE 3	SE 5	10	10	·330	a. ●² showers after 7.20p.
21	·435	·513	60·9	52·3	52·2	64·0	·471	·354	89	90	SW 4	SW 1	10	1	—	9p.
22	·640	29·773	52·2	54·8	44·8	62·3	·355	·350	91	81	NNW 2	NW 3·5	10	10	·075	☂ before 9a. ☂² 9a. ●² 8.30p.–11p.
23	29·959	30·107	55·5	56·6	52·1	59·8	·390	·432	88	94	NW 2·5	NW 2·5	10	10	—	
24	30·181	·114	57·4	57·9	54·9	62·7	·451	·477	95	99	NE 1	SE 4	10	10	·612	
25	·075	·111	63·1	52·6	52·6	69·5	·505	·369	87	93	W 2	SW 1	8	0	·080	●² showers after 5.30p.
26	·089	·193	58·6	52·8	49·7	66·7	·473	·366	96	91	W 2	NW 1	9	0	·052	☂ p.
27	·206	·244	53·3	51·0	50·1	65·1	·396	·351	97	94	Calm 0	NW 1·5	9	0	—	☂ 9p.
28	·339	·388	58·7	52·5	46·5	66·7	·376	·349	77	89	NE 2	Calm 0	0	0	—	☂ p.
29	·414	·379	57·0	50·3	42·1	66·1	·367	·336	79	92	Calm 0	Calm 0	0	0	—	☂ ² a. and p.
30	30·395	30·338	56·2	50·6	43·0	64·6	·385	·338	85	92	NE 1	NE 1·5	0	0	—	☂ ² a. and p.
Means	29·997	29·993	57·8	54·8	49·6	64·9	·402	·388	83·9	90·0	2·0	2·0	7·3	5·6	1·923	☂ ² a. and p.

ST. LEONARDS.

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

SEPTEMBER 1881.

Day.	Barometer at 32° and M. S. L. 9 a.m.	9 p.m.	Air Temperature. 9 a.m.	9 p.m.	Min.	Max.	Tension of Vapour. 9 a.m.	9 p.m.	Relative Humidity. 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	30·105	30·157	55·1	53·3	48·7	59·2	·319	·387	73	95	N 4	N 4	7	10	·042	
2	·097	30·064	55·6	55·6	51·3	62·6	·362	·417	81	94	N 5	NNE 3	7	9	—	
3	30·050	29·999	56·0	54·7	52·7	58·9	·358	·379	79	89	NNW 2	N 1	10	3	—	
4	29·943	·887	58·2	52·9	47·4	64·4	·380	·364	78	91	NNW 1	W 1	1	0	—	☂ p.
5	·761	·607	57·4	57·3	50·3	64·2	·420	·436	89	92	ESE 2	SE 4	9	10	·889	
6	·621	·586	59·5	56·2	53·0	61·4	·398	·408	78	90	SSW 5	NE 2	6	10	·190	● ↗ (gale) in past a. < in SE. p.
7	·653	·794	59·6	55·8	54·9	66·0	·450	·414	88	93	WSW 1	W 1	8	1	—	☂ p. [Wind backing p.
8	·757	·778	56·9	55·7	53·9	60·5	·424	·438	92	99	NNE 2	NW 1	10	10	·203	
9	·874	·982	56·8	56·6	53·6	63·4	·400	·420	86	91	NNW 2	N 2	10	9	·035	
10	·999	·961	55·8	53·0	49·2	59·0	·370	·386	83	96	N 3	N 4	2	10	·424	
11	29·927	29·969	53·6	54·8	52·0	57·1	·394	·412	96	95	N 4	NNE 3	10	8	·105	
12	30·009	30·075	57·5	54·8	53·3	61·5	·419	·412	88	95	NNW 2	W 1	9	8	·019	
13	·140	·167	57·1	54·0	52·8	62·5	·396	·380	84	91	SW 1	Calm 0	7	1	—	☂ p.
14	·157	·138	60·7	56·5	52·8	64·2	·432	·398	82	87	SSW 1	SW 1	1	3	·084	
15	·137	·166	58·0	57·0	55·2	63·8	·442	·422	91	91	Calm 0	Calm 0	7	0	·010	● ≋ early a. T ●⁰ a.
16	·237	30·192	60·7	55·0	51·4	63·9	·412	·418	78	97	NE 1	N 1	1	0	—	☂ p.
17	30·107	29·920	61·3	60·6	54·0	64·8	·424	·442	78	84	S 3	SSE 2	2	1	·085	
18	29·672	·724	59·6	60·6	56·5	68·0	·450	·471	88	89	E 2	W 1	6	9	·014	K early a. < p. Wind veered
19	·855	·920	61·5	57·6	57·6	65·4	·470	·432	86	90	SW 2	WSW 2	9	0	·020	T n. and 9a. [through S. during day.
20	·898	·662	63·1	62·6	53·2	66·9	·445	·489	77	86	SE 2	E 3	7	5	·121	< 9p. K about midnight.
21	·488	·521	61·1	56·2	56·2	63·0	·501	·408	93	90	SSE 3	NW 1	10	5	·019	Wind veered during day.
22	·622	29·711	51·5	56·0	49·6	58·3	·341	·383	89	85	WNW 2	W 3	10	10	·013	
23	29·931	30·110	55·1	56·9	52·3	59·6	·417	·441	96	95	NW 1	Calm 0	10	10	—	Overcast all day. ≋⁰
24	30·210	·198	60·0	58·6	56·0	63·5	·456	·413	89	84	ESE 1	SE 1	10	10	·496	
25	·085	·108	59·0	55·6	55·6	63·7	·493	·417	99	94	S 4	W 2	10	1	·029	≋ ●⁰ till 11a. ☂ p.
26	·128	·193	59·3	54·0	50·4	63·8	·432	·339	86	81	SW 2	NW 2	7	1	·019	
27	·214	·241	55·1	52·8	51·4	60·0	·374	·358	86	89	NW 1	NW 1	10	0	·020	☂ p.
28	·324	·390	56·5	52·8	48·9	65·0	·363	·366	79	91	NNE 1	NNE 2	0	0	—	∞ a. Very fine day. ☂ p.
29	·422	·404	60·7	52·8	49·3	63·9	·395	·353	75	88	E 2	NE 2	1	0	—	☂ a. and p. Very fine day. Wind SE.
30	30·405	30·342	59·7	51·3	49·1	63·2	·399	·339	78	90	ENE 1	NE 3	3	2	—	Very fine day. ☂ p. [during the day.
Means	29·996	29·999	58·1	55·7	52·4	62·7	·411	·405	84·8	90·7	2·1	1·8	6·7	4·9	2·837	

DARTMOOR.

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

SEPTEMBER 1881.

1	30·323	30·309	48·2	45·0	40·0	53·0	·226	·254	67	85	NE 4	N 3	5	0	—	
2	·256	·221	48·5	46·0	40·0	57·0	·285	·224	84	73	NE 2	Calm 0	1	0	—	
3	30·118	30·064	49·9	45·6	40·8	55·3	·323	·273	91	90	NE 2	Calm 0	5	0	—	
4	29·984	29·865	48·2	50·0	41·0	58·0	·333	·361	99	100	E 1	E 1	7	10	·110	≋⁰ (mist) before 9a. ≋ 9p.
5	·661	·508	50·0	49·5	48·0	51·2	·361	·342	100	97	SE 3	SE 2	10	10	1·760	
6	·532	·576	52·9	46·0	46·0	58·0	·346	·311	86	100	S 2	NE 1	7	4	·050	
7	·695	·797	53·5	46·0	43·0	57·0	·396	·287	97	93	S 1	Calm 0	7	0	·030	
8	·775	·870	53·0	48·0	41·0	56·0	·330	·309	82	93	NE 1	Calm 0	10	6	·090	
9	29·940	29·997	52·5	50·0	40·0	56·0	·386	·334	98	93	NE 1	Calm 0	7	8	·160	
10	30·078	30·077	51·0	49·0	43·0	57·0	·348	·297	93	86	SE 2	SE 1	7	2	—	
11	·064	·066	50·0	46·0	43·0	51·0	·309	·264	86	86	N 3	E 1	8	10	—	
12	·076	·137	53·9	49·0	46·0	56·4	·311	·348	75	100	E 1	N 1	10	8	·030	
13	·120	·156	52·5	49·5	41·0	55·0	·355	·342	94	97	SW 2	Calm 0	10	10	—	
14	·149	·155	49·6	51·0	49·2	61·8	·289	·353	81	94	Calm 0	SW 1	6	10	—	≋ 9p.
15	·156	·238	54·2	46·0	45·0	59·0	·264	·287	63	93	Calm 0	Calm 0	0	0	—	
16	30·237	30·173	54·5	46·5	40·0	62·0	·289	·280	68	90	SW 1	Calm 0	2	0	—	
17	29·987	29·830	54·8	56·0	41·3	63·0	·377	·449	88	100	S 1	SW 1	10	10	·130	≋ 9p.
18	·686	·747	59·9	55·0	51·0	62·0	·403	·433	78	100	SW 3	NW 2	9	10	—	≋ 9p.
19	·863	·883	52·6	50·0	50·0	56·0	·394	·334	99	93	W 1	W 2	10	10	·040	
20	·764	·563	55·5	53·2	47·0	57·0	·419	·400	96	99	SSW 4	SSW 3	10	10	·450	
21	·387	·541	50·6	46·8	43·8	58·6	·361	·277	98	87	SW 2	Calm 0	10	5	—	≋ 9a.
22	·660	29·912	51·8	47·4	40·0	59·5	·323	·303	83	93	NE 1	E 1	3	0	—	
23	29·996	30·081	52·1	53·0	42·0	58·0	·384	·257	98	64	NE 1	ESE 1	7	0	—	
24	30·146	·080	55·9	56·5	45·5	59·9	·377	·487	85	100	SSE 2	SE 1	10	10	·070	≋ 9a. and before.
25	·108	·143	54·0	47·0	43·0	58·0	·361	·298	86	93	E 1	Calm 0	2	7	—	
26	·146	·240	47·5	47·5	49·0	59·0	·292	·292	90	90	Calm 0	Calm 0	3	3	·180	
27	·241	·313	52·5	45·0	45·0	58·0	·355	·299	90	100	WNW 1	N 1	0	0	—	
28	·354	·446	50·3	47·5	41·0	61·0	·321	·316	88	97	Calm 0	Calm 0	3	0	—	
29	·388	·373	55·0	52·0	42·0	58·0	·346	·309	80	80	Calm 0	ENE 1	0	2	·250	
30	30·384	30·411	48·5	44·0	41·0	57·0	·313	·265	93	92	Calm 0	N 1	10	0	—	
Means	30·009	30·026	52·1	48·8	43·5	57·6	·339	·319	87·2	91·0	1·4	0·8	6·5	4·8	4·250	

BABBACOMBE.

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

SEPTEMBER 1881.

Day.	Barometer at 32° and M. S. L. 9 a.m.	9 p.m.	Air Temperature. 9 a.m.	9 p.m.	Min.	Max.	Tension of Vapour. 9 a.m.	9 p.m.	Relative Humidity. 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	30·297	30·278	56·0	52·8	45·0	59·6	·265	·286	59	72	NNE 3	NNE 3	8	0	—	≋⁰ mist *p.* [(mist) *p.*
2	·238	·183	55·6	52·8	46·0	61·9	·312	·330	71	82	NNE 2	NNW 2	1	1	—	Squally before *9a.* Fine day. ≋⁰
3	30·103	30·025	57·9	51·0	49·2	62·7	·352	·331	73	89	NNE 2	WNW 1	2	1	—	≋⁰ (mist) *a.* and *p.* ◗² *p.*
4	29·956	29·852	55·3	55·3	47·7	61·7	·369	·397	84	90	NE 1	E 3	7	1	—	◗ ≋⁰ (mist) *a.* and *p.*
5	·669	·468	54·8	56·8	53·9	56·9	·412	·446	95	96	E 5	ENE 3	10	10	1·140	≋⁰ (mist) *a.*
6	·537	·546	59·4	56·8	50·7	65·7	·409	·391	81	84	SSW 3	ESE 1	8	10	—	
7	·689	·777	62·6	49·0	48·3	63·1	·403	·328	71	92	NW 1	WNW 1	8	3	·040	◗ in past *n.* ◗² *p.*
8	·767	·864	56·6	52·0	45·8	61·3	·374	·335	81	86	NE 1	WNW 2	9	6	·020	◗ ◗² *n.* and *p.* ○ *9.14a.*—*9.30a.*
9	29·933	29·982	55·7	52·3	45·8	65·7	·371	·365	84	93	Calm 0	NNW 2	9	3	·100	◗ ◗² *n.* and after *7p.*
10	30·064	30·067	55·3	54·2	51·0	61·5	·371	·344	85	81	ENE 2	N 3	2	10	—	◗ ◗² *n.* ≋⁰ (mist) *a.* and *p.*
11	·047	·053	52·1	51·8	50·7	55·1	·318	·319	81	83	NNE 3	NNW 3	10	10	—	≋⁰ (mist) *a.*
12	·076	·110	57·3	51·8	51·6	63·7	·381	·343	82	88	NNW 1	W 2	10	1	·010	≋⁰ (mist) *a.* ◗ *p.*
13	·124	·130	55·3	52·0	45·1	63·1	·400	·361	91	93	SW 1	WSW 2	10	9	—	◗ before *9a.* ≋⁰ (mist) *a.* [9.30*a.*
14	·143	·130	54·8	56·8	44·8	61·7	·378	·441	88	95	NNE 1	Calm 0	6	8	—	◗ ◗ ≋⁰ (mist) *a.* and *p.* ○ ⁰ *9a.*—
15	·149	·202	60·8	51·8	51·3	64·6	·378	·340	72	88	NE 1	WNW 2	4	0	—	◗ ◗ ≋⁰ (mist) *a.* and *p.* [day.
16	30·231	30·141	57·9	53·0	43·3	63·9	·351	·366	73	91	E 1	NNE 1	0	0	—	◗ ◗ ◗ ◗² ≋⁰ (mist) *a.* and *p.* Very fine
17	29·979	29·817	58·7	58·9	53·0	65·7	·428	·475	88	96	SSE 3	SW 2	10	9	·130	◗ ◗² *n.* ≋⁰ (mist) *a.* and *p.* <
18	·695	·733	66·3	59·6	55·3	72·4	·498	·470	78	92	SSE 2	SSW 2	2	10	·090	[11.45*p.*
19	·862	·902	59·9	53·8	53·8	67·5	·446	·382	87	92	WSW 2	SW 2	9	9	·020	○ ⁸ *2p.*—*2.15p.* ◗ *p.*
20	·762	·477	60·6	60·3	53·8	62·7	·485	·470	92	90	SSE 3	SSE 4	9	10	·060	⊼ (2 miles off) *3.20p.*—*4p.*
21	·377	·511	58·4	51·7	51·7	63·2	·399	·344	81	89	SSW 4	S 1	5	1	·100	◗ ◗² *p.*
22	·665	29·878	58·9	49·1	44·5	66·7	·386	·306	78	88	NE 1	WSW 1	2	1	—	◗ ◗ ◗² *p.*
23	29·997	30·123	59·4	53·1	47·0	62·7	·391	·365	78	90	ENE 2	WSW 2	6	10	—	◗ ◗² *9a.* and before. ○ *10a.* and *4p.*
24	30·147	·052	58·1	59·7	52·6	60·5	·456	·498	94	98	SSE 2	SW 3	10	10	·250	Scotch ≋ *11a.*—*1.30p.* and *6p.*—*8p.*
25	·100	·126	62·5	55·0	52·1	69·2	·409	·409	73	94	WNW 2	SW 2	1	2	·130	◗ ◗² in past *n.* ◗ *p.*
26	·142	·216	59·0	51·6	51·6	66·7	·362	·345	73	90	NW 3	WSW 1	2	4	—	◗ ◗² *p.* ○ *3p.*—*4p.*
27	·224	·277	58·8	51·3	50·2	64·7	·388	·335	78	89	W 2	NW 2	8	0	—	◗ ◗ ◗ ◗² in past *n.* ◗² *p.*
28	·340	·378	58·5	50·7	45·2	64·7	·361	·330	74	89	NE 1	WNW 1	2	0	—	◗ ◗ ◗ ◗² in past *n.* ◗² *p.* Fine day.
29	·386	·350	59·2	53·9	44·3	64·7	·410	·370	82	89	SE 1	SSE 2	3	8	—	◗ ◗ ◗ ◗² in past *n.* ≋⁰ (mist) *a.* and *p.*
30	30·359	30·323	56·1	52·8	51·0	63·9	·424	·358	93	89	E 1	NE 1	9	1	—	◗ ◗² in past *n.* and *p.* ≋⁰ (mist) *a.* [◗ *p.* [○ ⁰ *3p.*—*3.30p.*
Means	30·002	29·999	58·1	53·8	49·2	63·6	·390	·373	80·7	89·3	1·9	1·9	6·1	4·9	2·090	

Observer remarks:—Mean sea temperature 59°·4.

ST. AUBIN'S, JERSEY.

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

SEPTEMBER 1881.

1	30·259	30·252	56·2	55·7	52·2	57·8	·297	·348	65	78	N 3	NE 2	9	8	—	Gloomy day.
2	·220	·180	56·0	54·9	53·5	60·3	·370	·382	82	89	N 2	N 1	9	3	—	Gloomy *a.* Fine *p.*
3	30·119	30·052	58·0	54·9	54·2	61·0	·393	·372	81	87	NE 1	NE 1	10	2	—	Gloomy day.
4	29·984	29·887	64·0	57·0	50·9	66·3	·376	·394	63	85	Calm 0	NE 2	1	4	·007	◗ *a.* Extremely fine. Ψ⁰ *10p.*
5	·658	·600	58·9	53·8	53·5	60·5	·398	·380	80	91	E 4	W 1	10	6	·310	Ψ ⁄ (force 5) *p.*
6	·612	·543	58·0	57·4	53·3	59·7	·399	·441	82	94	SE 2	SE 1	8	8	·213	Fine early *a.* Day gloomy.
7	·742	·816	61·9	57·5	55·4	67·0	·440	·455	79	96	W 1	Calm 0	9	10	·330	Very fine *a.*
8	·747	29·911	56·3	57·0	54·5	59·1	·442	·405	97	87	N by E 2	N by W 2	10	5	·154	Ψ⁰ *8p.* Atmosphere very clear *p.*
9	29·973	30·006	63·9	54·0	52·2	66·2	·427	·388	71	93	W by S 1	Calm 0	5	2	·002	Extremely fine day. ◗ *p.*
10	30·043	·051	62·0	57·0	52·9	63·9	·419	·380	76	82	NE 2	NE 1	4	9	—	◗ *a.*
11	·022	·057	56·3	55·7	54·4	58·0	·366	·379	80	85	N 2	N 1	10	10	—	Gloomy and sunless.
12	·107	·159	58·4	56·0	53·8	60·3	·424	·388	87	86	Calm 0	Calm 0	10	10	·004	Gloomy day.
13	·186	·180	62·9	57·1	51·1	67·0	·413	·390	72	83	SW 1	E 1	4	4	—	◗ *a.* Extremely fine till *4p.*
14	·157	·156	60·0	58·8	56·1	64·3	·423	·458	82	93	SE 1	Calm 0	10	9	·002	≋⁰ (mist) *9a.* Gloomy day.
15	·137	·215	65·1	55·1	54·8	68·2	·452	·394	73	90	NE 2	Calm 0	3	0	·003	Very fine *a.* ◗ *9p.*
16	·249	30·184	64·7	58·2	51·8	66·2	·443	·390	73	80	ENE 1	SE 1	4	0	—	◗² *a.* Extremely fine day. ◗⁰ *p.*
17	30·077	29·900	59·4	63·7	56·4	67·6	·402	·451	80	76	SE 2	Calm 0	9	4	·045	Day very cloudy. Warm night. <⁰.
18	29·718	·819	70·0	60·3	58·0	76·0	·476	·506	65	97	Calm 0	Calm 0	0	7	·085	T⁰ *n.* and *a.* ≋⁰ (mist) *9a.* Very [fine and hot till *3p.* T⁰ *4p.*
19	·938	·991	61·1	59·2	57·5	67·2	·505	·414	94	83	WSW 2	Calm 0	10	2	—	Gloomy *a.* Fine and bright *p.*
20	·864	·573	60·0	63·2	58·0	65·3	·453	·513	88	89	SE 2	SE 1	9	6	·170	Double ◠² *5p.* < later *p.* [fine *p.*
21	·497	·576	59·0	54·0	53·0	66·0	·399	·380	80	91	SW 3	NW 1	9	7	·204	● ² *4.10a.* ('170 in. in 20 min.) Very
22	29·666	29·901	63·5	56·7	50·4	66·0	·400	·381	69	83	SW 1	SW 1	4	3	—	Very fine, but with clouds at times.
23	30·032	30·155	64·5	54·7	54·0	66·3	·397	·388	65	91	NW 2	Calm 0	3	9	·011	Extremely fine. ◗ *p.*
24	·215	·171	61·9	61·5	54·0	65·7	·450	·528	81	97	SE 2	SW 1	7	10	·140	
25	·100	·202	62·2	55·7	54·9	65·9	·462	·395	83	89	NW 2	W by N 1	7	2	—	● *n.* and *a.* Extremely fine day.
26	·203	·266	60·3	52·2	51·0	65·3	·459	·350	88	90	SW 3	Calm 0	9	0	·011	◗ ◗⁰ *a.* ◗ *p.* Day cloudy. [◗ ◗⁰ *p.*
27	*262	·283	63·7	53·2	51·1	67·6	·423	·363	71	90	SW 2	Calm 0	6	0	·004	◗ ◗⁰ *a.* ◗ ◗⁰ *p.* Day fine.
28	·335	·379	64·0	56·0	52·7	65·9	·403	·386	67	86	ENE 1	ENE 1	0	0	·001	◗ ◗ *a.* ◗ ◗⁰ *p.* Extremely fine day.
29	·407	·378	59·9	55·4	52·0	65·7	·389	·377	75	86	E by S 1	NE 1	1	0	—	◗ ◗ *a.* ◗ ◗⁰ *p.* Extremely fine day. [≋⁰ (mist) *p.*
30	30·381	30·324	57·3	54·3	51·3	60·3	·356	·354	76	83	E 2	NE 2	9	0	—	◗ ⁰ *a.* and *p.* ○ at times *a.* Fine *p.*
Means	30·033	30·039	61·0	56·7	53·6	64·6	·415	·404	77·5	87·7	1·7	0·8	6·6	4·7	1·696	

Earth temperature: Mean of 10 readings at *9a.* (every third day), at 1 foot 60°·0; 3 feet 59°·4; 6 feet 59°·6.

LONDONDERRY.

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

SEPTEMBER 1881.

Day.	Barometer at 32° and M. S. L. 9 a.m.	9 p.m.	Air Temperature. 9 a.m.	9 p.m.	Min.	Max.	Tension of Vapour. 9 a.m.	9 p.m.	Relative Humidity. 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	30·409	30·407	56·2	46·7	37·5	63·0	·323	·301	71	94	NNE 1	N 2	2	2	—	Fine and clear all day.
2	·389	·302	53·7	44·7	39·0	59·3	·337	·266	81	90	NE 2	NE 2	9	8	—	Fine, but cloudy.
3	·206	30·142	60·7	47·2	43·0	62·0	·347	·305	65	95	E 2	SE 2	5	3	—	Fine and clear.
4	30·036	29·953	57·2	59·2	44·0	61·8	·370	·333	79	66	E 3	E 3	9	10	—	Fine and clear.
5	29·895	·751	55·6	53·6	49·0	59·2	·354	·363	79	88	ESE 3	E 2	9	10	·040	Fine, but cloudy.
6	·589	·497	52·7	53·2	50·0	57·0	·349	·368	88	91	NNW 2	W 1	10	10	·210	[day.
7	·587	·692	53·9	51·7	49·0	59·5	·393	·349	95	91	WNW 1	WNW 1	10	4	—	● till *9a.* Fine, but cloudy during
8	29·709	29·856	56·0	54·2	48·8	61·7	·391	·388	87	93	WSW 2	Calm 0	10	10	·410	Overcast and dull with ● at times.
9	30·008	30·152	55·8	53·3	52·4	62·0	·420	·376	94	92	NE 1	N 1	10	0	·010	● ⁰ in morning.
10	·235	·226	60·2	52·8	47·9	65·1	·372	·358	71	89	NE 1	NE 1	3	10	—	Fine, but cloudy.
11	·168	·154	54·7	46·8	46·4	60·8	·351	·314	81	98	NE 1	Calm 0	10	0	—	Overcast till *8p.*
12	·184	·127	52·7	52·8	41·6	60·0	·336	·366	85	91	Calm 0	Calm 0	8	10	·020	Overcast day.
13	·114	·103	53·0	51·3	49·8	56·0	·369	·342	92	90	WSW 1	Calm 0	10	10	·020	● ⁰ ≋⁰ (mist) *a.* ≋⁰ (mist) *9p.*
14	·100	·163	53·7	49·7	48·6	56·0	·370	·300	89	85	SW 1	Calm 0	10	3	·110	● till noon, then fine. ⊻⁰ in North,
15	·232	·272	53·5	49·7	44·4	56·6	·319	·336	78	94	N 1	Calm 0	10	5	·010	Overcast day. ● *6p.* [*9p.*
16	30·261	30·094	54·7	56·3	46·0	65·8	·328	·371	76	81	SW 1	S 3	10	10	—	Fine, but cloudy.
17	29·852	29·731	53·5	52·7	48·0	57·0	·334	·378	81	95	S 3	NW 1	10	10	·030	
18	·693	·744	55·7	44·8	42·8	63·0	·353	·287	79	97	NNE 2	Calm 0	9	0	—	Fine and clear all day.
19	·744	·683	49·7	56·7	36·8	63·8	·316	·378	89	82	Calm 0	SSE 3	10	6	—	Fine and clear.
20	·568	·422	59·7	59·1	53·0	66·0	·396	·421	77	84	SE 3	SE 3	10	7	·280	
21	·303	·398	57·8	50·8	48·8	65·2	·452	·324	94	87	SE 2	Calm 0	10	6	·050	
22	·668	·895	58·0	49·7	45·1	65·5	·365	·344	76	96	S 1	Calm 0	1	0	—	Fine and clear all day.
23	·094	29·983	55·7	54·7	42·7	58·5	·388	·377	87	88	SE 2	SSW 1	10	10	·580	
24	·904	30·017	55·8	47·2	45·1	61·7	·420	·318	94	98	S 2	SW 1	10	0	·100	● till *10a.*, then fine.
25	29·955	29·857	54·6	51·8	42·6	61·9	·359	·366	84	95	SE 1	WSW 1	9	4	·160	
26	30·002	30·078	57·7	51·2	47·8	63·0	·376	·343	78	91	SW 2	SW 1	5	8	·030	
27	·170	·208	55·7	49·7	44·8	62·0	·348	·326	78	92	SW 1	NE 1	8	10	—	
28	·245	·216	57·9	57·8	45·0	63·3	·403	·421	84	87	SSE 2	SW 3	7	2	·070	Overcast day.
29	·103	·113	55·7	56·7	51·0	60·0	·390	·436	88	95	S 4	NW 1	10	10	·110	● ⁰ showers all day.
30	30·278	30·233	56·0	58·1	49·7	60·0	·416	·452	92	93	Calm 0	SW 1	10	5	—	Fine, but cloudy.
Means	29·987	29·982	55·6	52·1	46·1	61·2	·368	·354	83·1	90·3	1·6	1·2	8·5	6·1	2·240	

MARKREE CASTLE.

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

SEPTEMBER 1881.

1	30·399	30·384	56·1	45·9	32·7	64·7	·342	·293	76	95	Calm 0	Calm 0	0	6	—	◗ ◗² *9p.*
2	·332	·248	55·2	50·3	34·6	64·1	·350	·311	81	85	SE 1	Calm 0	3	10	—	◗ ◗² *9p.*
3	30·165	30·092	53·2	53·6	36·3	63·4	·363	·327	90	79	Calm 0	SE 2	10	10	—	
4	29·988	29·864	55·1	55·9	42·3	59·9	·356	·395	82	89	Calm 0	ENE 2	10	10	·002	
5	·801	·716	56·5	53·4	52·1	60·3	·358	·345	78	85	ESE 3	ENE 3	10	10	—	
6	·598	·555	53·3	51·8	49·0	59·0	·346	·367	85	95	Calm 0	NW 3	10	10	·288	
7	·616	·718	54·9	59·1	48·5	59·1	·353	·479	83	95	NW 2	Calm 0	10	6	·390	
8	29·722	29·875	54·1	54·6	45·1	59·4	·414	·383	98	90	Calm 0	Calm 0	10	10	·082	
9	30·012	30·145	56·2	54·3	52·3	62·4	·375	·360	83	86	Calm 0	NW 2	10	7	—	
10	·221	·198	58·2	53·2	50·5	66·4	·396	·352	81	87	Calm 0	N 2	7	8	—	◗ ◗² *9p.*
11	·164	·132	52·8	52·2	49·5	56·1	·294	·335	74	86	Calm 0	Calm 0	10	10	—	
12	·133	·091	55·1	52·1	41·7	62·5	·371	·342	85	87	Calm 0	Calm 0	10	10	·010	◗ ◗ ◗² *9a.* and *9p.*
13	·083	·096	55·1	49·0	47·6	58·9	·371	·317	85	92	Calm 0	Calm 0	10	10	·018	◗ ◗ *9p.*
14	·122	·156	54·9	50·7	46·5	62·1	·353	·314	83	85	Calm 0	Calm 0	6	10	—	
15	·235	·264	52·8	45·3	44·6	57·2	·328	·288	82	96	Calm 0	Calm 0	10	7	—	◗ *9p.*
16	30·236	30·086	54·8	54·1	39·1	62·6	·329	·338	77	81	SW 1	Calm 0	6	10	—	○ *0.30p.* ◗² *9p.*
17	29·826	29·700	53·1	52·1	44·1	57·2	·344	·368	84	94	SW 2	Calm 0	10	10	·105	
18	·692	·732	54·3	43·1	42·1	59·5	·344	·263	82	94	WNW 1	Calm 0	10	0	—	
19	·703	·616	49·7	56·2	34·4	61·4	·331	·396	93	88	SSE 1	SE 4	10	10	—	≋ in past *n.*
20	·424	·310	60·0	55·9	55·1	66·1	·432	·423	84	95	SSE 5	Calm 0	10	10	1·183	● *3p.*—Midt.
21	·252	·359	52·3	50·2	49·6	57·4	·387	·337	99	93	Calm 0	ESE 2	10	10	·358	
22	·644	·881	52·5	49·2	43·1	63·9	·357	·324	91	93	SE 3	Calm 0	3	0	—	◗ ◗² *9p.*
23	·939	29·892	51·4	52·1	38·4	61·0	·348	·365	91	93	SE 3	SSE 5	10	10	·368	
24	·899	30·013	56·6	44·2	43·3	60·2	·443	·285	97	98	WNW 4	Calm 0	10	1	·014	◗ ◗² *9p.*
25	29·944	29·894	54·2	47·3	42·4	62·4	·382	·319	91	98	SW 3	Calm 0	6	4	·134	
26	30·015	30·084	56·3	48·1	44·2	62·4	·407	·318	89	95	Calm 0	Calm 0	5	10	·034	
27	·156	·121	54·2	53·6	44·6	63·2	·366	·377	87	92	Calm 0	Calm 0	10	10	·030	
28	·213	·196	57·2	55·0	53·1	63·1	·459	·365	98	85	SSW 2	SE 2	10	8	·092	
29	·066	·118	56·7	55·3	52·1	60·4	·412	·426	90	97	WSW 4	NNW 1	10	10	·116	⁄ (force 6) in past *n.*
30	30·259	30·186	57·0	56·2	48·3	61·5	·431	·434	92	96	Calm 0	NE 1	10	6	·006	≋² *a.* ◗² *9p.*
Means	29·962	29·957	54·8	51·8	44·9	61·3	·371	·352	86·4	90·8	1·2	1·0	8·5	8·1	3·230	

DUBLIN.

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

SEPTEMBER 1881.

Day.	Barometer at 32° and M. S. L. 9 a.m.	9 p.m.	Air Temperature. 9 a.m.	9 p.m.	Min.	Max.	Tension of Vapour. 9 a.m.	9 p.m.	Relative Humidity. 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	30·406	30·392	50·5	48·1	41·2	57·6	·322	·303	88	91	NW 1	NW 1	2	0	—	[D ≋9 (mist) 9p.
2	·356	·279	52·8	48·0	42·9	56·0	·314	·287	78	87	NE 3	Calm 0	7	4	—	Very cold early a. ≋ a. Bright p.
3	·180	30·088	55·5	55·0	44·8	58·5	·378	·378	86	88	NE 3	NE 2	7	8	—	≋9 (mist) 9a. Very fine, but cool p.
4	30·000	29·884	56·2	57·0	53·3	60·3	·380	·431	84	92	ENE 2	ENE 3	5	10	—	∞ a. Very fine day. [≋ 9p.
5	29·786	·676	56·5	56·0	54·1	57·7	·390	·373	85	83	E by N 5	E by N 4	9	8	·021	Very fine a. Warmer. Cirri from N.
6	·591	·563	54·2	53·9	52·7	58·3	·366	·343	87	83	NNE 3	W by S 3	8	8	—	Squally ↗ a. and p. Dull day.
7	·633	·740	54·9	54·1	51·0	58·5	·366	·387	85	92	W 3	W 3	9	7	·023	Wind backing quickly a. Bar. 29·541 4p.
8	·773	29·827	55·1	55·5	48·1	60·1	·351	·400	81	91	W 3	W 2	4	7	·042	[mountains visible from Bray p. Very bright a. ● after 4p. Welsh
9	29·961	30·073	56·4	55·5	53·0	60·4	·402	·400	89	91	N 2	N 2	7	9	·092	≋9 (mist) 9a. and 9p. ●2 showers [10a.—Noon. ↿ p.
10	30·177	·186	56·8	55·1	51·9	59·3	·383	·391	83	90	NE 4	NNE 3	8	8	—	∞ a. Day cloudy, but fine.
11	·153	·132	53·0	53·0	50·5	56·9	·335	·350	83	87	N 1	NNE 1	10	10	—	Dull, with ∞ all day.
12	·131	·117	54·0	53·0	49·0	58·1	·360	·374	86	93	WNW 1	Calm 0	8	8	—	Cirri from SSE. a. Dull day. ∞ ≋9 p.
13	·112	·101	54·6	52·5	48·0	56·8	·353	·357	83	90	W 1	WSW 1	8	9	—	≋9 (mist) 9a. Cir.-c. from SW. p.
14	·138	·152	53·4	53·9	48·0	61·2	·337	·359	83	87	W 2	NW 1	6	5	—	Very fine day. [2.30p.
15	·219	·273	52·9	52·9	49·3	56·1	·303	·303	76	76	NNW 2	N 2	7	3	—	Cool and cloudy day. Humidity 63 %
16	30·276	30·131	52·2	50·9	45·1	58·3	·342	·343	88	92	NNW 2	Calm 0	4	0	—	Partial ○ a. Smoke≋10a. Very fine [later.
17	29·897	29·656	55·3	56·0	46·8	56·3	·389	·437	89	97	S 2	WSW 1	10	10	·188	Very damp p. with ≋. < to NE. [after 8p.
18	·685	·725	53·1	53·0	51·5	57·8	·376	·363	93	90	NNW 2	NW 2	10	9	—	Dull a. Clearing p. Very fine evening.
19	·781	·749	50·8	56·7	45·2	60·2	·351	·392	94	85	WSW 2	S 4	5	10	·011	Bright and cold early a. Mild p. ⌒2
20	·593	·389	59·0	57·8	56·0	60·9	·458	·452	92	94	S by E 5	SE by S 7	8	10	·558	Squally ↗ a. and p. ●2 p. [5p.
21	·238	·453	57·7	51·0	50·0	60·3	·453	·346	95	92	SSE 4	WNW 2	9	3	·079	Warm but unsettled p. Chilly evening.
22	29·682	29·889	53·0	51·3	45·1	61·6	·352	·334	87	88	WNW 3	WNW 2	3	2	—	Much cirri from S. early a. Brilliant [day. Cold late p.
23	30·002	30·026	54·9	55·9	44·6	59·3	·403	·404	94	91	SE 2	SE 3	5	10	·209	≋ over the sea a. Cirri from NW. a.
24	29·958	30·015	57·0	56·2	54·6	63·7	·437	·410	94	91	S by E 2	W 2	9	3	·010	Squally ↗ ● a. Warm and damp. [Cir. from SW. p.
25	30·032	29·921	52·9	57·3	48·0	63·6	·362	·401	91	85	W 2	SW 4	2	8	—	Very fine, but cold a. Cloudy p.
26	·080	30·121	54·9	54·6	49·4	61·0	·353	·359	82	84	W 3	W 2	1	7	—	Very bright early a. Much cir. p.
27	·200	·233	54·8	55·3	49·6	61·1	·359	·397	84	90	W 2	SW 1	6	10	·035	Very bright early a.
28	·289	·296	58·3	53·3	53·1	63·4	·426	·370	87	91	WSW 2	SSW 2	9	0	—	[10a.—2p. then dull.
29	·230	·232	59·9	57·9	51·2	61·5	·329	·431	64	90	SSW 4	SSW 2	9	10	·331	Squally ↗ early a. Brilliant 6a. ●2
30	30·266	30·282	58·4	57·1	56·9	62·3	·470	·401	97	85	SSW 2	S 3	10	10	—	Warm and damp. Very close.
Means	29·994	29·987	55·0	54·3	49·5	59·6	·373	·376	86·3	88·9	2·5	2·2	6·8	6·9	1·599	

PARSONSTOWN.

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

SEPTEMBER 1881.

1	30·408	30·399	54·3	49·5	38·9	64·2	·325	·306	77	87	Calm 0	S 1	2	2	—	≋9 (mist) 9p.
2	·346	·267	55·3	47·6	39·6	60·3	·333	·260	75	79	NE 1	SSE 1	6	4	—	≋9 (mist) 9p. D2 at night.
3	30·154	30·093	53·1	47·5	36·9	62·9	·334	·294	82	90	NNW 0·2	ESE 1	4	2	—	≋9 (mist) 9p.
4	29·965	29·849	56·3	50·5	44·6	62·4	·359	·319	78	87	E 0·5	ESE 1	3	4	—	≋9 (mist) 9p.
5	·736	·682	56·5	53·4	49·1	59·1	·376	·332	82	82	ENE 3	NE 2	10	10	—	
6	·595	·594	52·3	51·0	49·5	59·2	·331	·338	84	90	N 1	W 0·5	8	10	·030	
7	·658	·757	54·5	53·7	49·5	62·1	·352	·354	82	86	W 1	WSW 0·5	10	10	—	
8	29·771	29·876	55·0	54·5	42·3	60·0	·349	·374	81	88	WSW 1	W 2	4	10	·445	
9	30·009	30·122	54·9	53·5	52·2	63·0	·379	·370	89	90	NW 2	NNW 2	9	10	·088	
10	·197	·197	54·0	54·9	48·9	61·4	·368	·388	88	91	NNE 1	NNW 0·5	10	10	—	
11	·164	·138	52·7	51·5	49·3	57·5	·334	·326	84	86	NNW 0·5	NNW 0·5	10	10	—	
12	·135	·125	54·7	52·0	45·1	58·3	·341	·333	79	85	N 0·5	Calm 0	4	10	—	
13	·099	·112	53·7	47·5	47·2	58·5	·327	·304	79	93	SW 0·2	Calm 0	8	6	—	
14	·147	·173	49·7	50·5	41·2	63·0	·338	·333	95	90	S 0·2	Calm 0	9	3	—	≋ 9a. and before. ≋9 (mist) 9p.
15	·236	·274	52·4	49·5	43·8	57·0	·259	·309	66	88	N 1	Calm 0	2	4	—	D 9p.
16	30·262	30·113	54·3	49·0	38·0	64·1	·325	·310	77	90	SW 0·5	S 1	2	0	—	D 9p.
17	29·877	29·670	52·7	52·0	46·5	54·0	·344	·361	87	93	SSE 1	WNW 1	10	10	·768	≋2 (mist) 9p.
18	·708	·735	51·7	51·3	50·0	61·6	·347	·337	90	89	NW 1	WNW 0·4	10	5	—	
19	·740	·660	51·8	57·0	41·0	61·0	·321	·405	83	87	ESE 1·5	S 3	8	8	·029	
20	·462	·293	59·5	55·3	45·6	64·0	·438	·414	87	95	SE 5	SSE 1	10	10	1·610	
21	·256	·441	52·5	47·3	46·5	58·8	·381	·283	96	88	W 1	S 1	10	8	·180	● all day.
22	·689	·912	53·8	46·2	41·9	62·0	·351	·290	85	93	SE 0·5	Calm 0	2	2	—	≋2
23	·954	29·943	52·8	55·5	40·5	60·6	·350	·390	87	88	SE 1	SSE 3	8	10	·398	
24	29·941	30·052	60·0	48·3	48·1	64·0	·485	·306	94	91	SW 1	S 1	10	0	—	≋9 (mist) 9p.
25	30·006	29·961	54·5	51·4	43·2	63·0	·362	·346	85	91	SE 1	SW 1	0	1	·075	≋9 (mist) 9p.
26	·078	30·139	54·8	50·5	44·0	62·0	·371	·347	87	94	SSW 1	S 1	5	10	·008	≋9 (mist) 9p.
27	·186	·212	55·5	54·5	47·1	62·3	·376	·399	85	94	SSW 1	S 2	4	9	·195	≋9 (mist) before 9a.
28	·261	·263	58·5	53·5	51·9	63·8	·452	·354	92	87	SE 1	S 3	7	6	·015	≋9 (mist) 9p.
29	·171	·146	57·3	58·2	52·9	61·4	·396	·454	84	93	S 2	S 3	10	10	·139	
30	30·250	30·232	55·7	58·3	55·7	60·6	·416	·444	94	90	NNE 1	SSE 2	10	10	·005	≋ before 9a.
Means	29·982	29·981	54·5	51·8	45·7	61·1	·361	·346	84·5	89·2	1·1	1·2	6·8	6·7	3·985	

DUNROBIN CASTLE.

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

OCTOBER 1881.

Day.	Barometer at 32° and M. S. L. 9 a.m.	9 p.m.	Air Temperature. 9 a.m.	9 p.m.	Min.	Max.	Tension of Vapour. 9 a.m.	9 p.m.	Relative Humidity. 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	30·301	30·269	57·3	52·7	50·4	60·2	·410	·359	87	90	E	NW	—	—	—	Fine and clear, but cold.
2	·250	·208	54·7	51·3	44·9	57·9	·316	·258	74	69	NE	NE	—	—	—	
3	·238	·301	53·5	53·5	49·7	57·4	·305	·329	75	80	SE	S	—	—	—	Fine.
4	·346	·404	53·5	51·3	50·6	55·7	·305	·337	75	89	SE	SE	—	—	—	Fine.
5	·438	·481	51·5	49·5	46·7	52·5	·283	·282	75	80	SE	SE	—	—	—	Fine. Dry wind.
6	·491	·398	49·5	50·5	41·7	54·0	·286	·312	81	85	SE	NW	—	—	·500	Fine.
7	·243	·239	51·5	56·3	46·7	61·2	·342	·415	90	91	N	NW	—	—	—	Clear and mild.
8	30·220	30·020	55·5	51·5	50·4	58·2	·412	·350	94	92	NW	NW	—	—	·290	Dull with ● ≋9 (mist).
9	29·656	29·602	49·5	42·6	40·7	55·0	·282	·208	80	77	NW	NW	—	—	·120	Clear and cold.
10	·501	·253	53·3	51·5	39·1	54·0	·307	·330	76	87	W	W	—	—	·150	
11	·143	·201	54·5	44·6	43·7	56·2	·390	·237	92	80	W	W	—	—	·390	Fine, clear, and cold.
12	·243	·277	45·4	40·4	33·5	49·0	·221	·201	73	80	W	W	—	—	·300	Squally a. Cold ● showers.
13	29·502	·343	46·4	42·6	37·6	51·3	·221	·195	71	72	W	W	—	—	·700	
14	28·912	29·497	39·9	39·4	37·6	46·7	·216	·199	88	83	E	NE	—	—	·300	Stormy with ●.
15	29·755	30·186	42·4	37·6	35·4	48·0	·193	·175	71	77	W	NE	—	—	·100	Cold and stormy.
16	30·305	·243	41·4	36·8	33·5	47·0	·184	·182	71	84	NW	SW	—	—	·030	
17	·076	·115	46·4	49·0	32·5	49·7	·267	·310	85	90	SW	SW	—	—	·120	Dull.
18	·111	·224	49·5	46·6	46·6	57·4	·286	·292	81	93	W	W	—	—	—	Fine.
19	·311	·326	50·0	48·0	44·7	50·5	·280	·253	78	76	E	E	—	—	—	Fine. ↗ p.
20	·284	·142	50·5	49·5	46·9	50·5	·281	·286	77	81	E	E	—	—	—	↗ a. Dull.
21	30·059	30·032	49·5	47·2	43·7	50·0	·261	·241	74	75	E	E	—	—	·080	Fair. ↗.
22	29·915	29·778	45·6	48·3	44·7	48·5	·248	·247	81	73	E	E	—	—	·040	Fair. ↗.
23	29·819	29·979	48·5	47·7	45·9	49·5	·259	·267	76	81	E	E	—	—	—	↗ (gale). Fair, but cold.
24	30·028	30·109	48·0	46·6	40·7	49·3	·253	·231	76	73	E	E	—	—	—	Dull and cold.
25	·114	·167	46·2	45·4	43·7	47·7	·223	·243	72	81	SE	SE	—	—	—	
26	·260	·362	45·4	45·4	40·9	46·7	·240	·260	80	87	W	W	—	—	·070	
27	·407	·342	43·4	42·4	40·7	50·3	·221	·231	78	86	NE	W	—	—	—	
28	·264	·322	42·2	38·4	37·8	45·3	·212	·212	80	92	W	W	—	—	·030	
29	·422	·386	40·4	39·4	37·6	42·3	·175	·181	70	75	N	W	—	—	—	
30	·310	30·189	40·4	38·9	37·6	45·0	·175	·189	70	81	NW	NW	—	—	—	
31	30·101	29·820	44·4	40·4	36·6	46·5	·220	·189	75	75	W	SE	—	—	—	Fine.
Means	30·033	30·039	48·1	46·0	41·7	51·4	·267	·258	78·3	81·8	—	—	—	—	3·220	

BRAEMAR.

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

OCTOBER 1881.

1	30·288	30·287	54·0	44·9	43·5	61·0	·352	·288	84	97	E 0·5	SE 0·5	7	1	—	
2	·277	·258	47·7	42·6	35·2	54·7	·271	·232	82	85	S 0·5	S 0·5	2	4	—	
3	·222	·281	49·8	47·9	41·6	55·5	·282	·258	79	78	SW 2	SE 1	7	8	·030	
4	·326	·382	46·7	43·7	43·6	50·1	·268	·241	85	84	SE 2	E 1	8	10	·070	Dull.
5	·342	·435	47·5	41·4	36·2	49·7	·174	·242	53	93	E 0·5	E 0·5	7	7	·060	Dull.
6	·473	·431	43·4	46·8	40·3	49·1	·268	·270	95	85	E 0·5	SW 2	9	6	·110	Dull.
7	·273	30·335	45·6	52·6	44·0	57·5	·280	·367	92	93	SW 0·5	SW 1	9	7	·080	Dull.
8	30·216	29·979	52·6	46·3	45·5	53·5	·367	·302	93	97	SW 0·5	SW 0·5	9	10	·380	Dull.
9	29·602	·678	43·9	38·0	38·0	49·8	·239	·201	83	88	NW 1	NW 1	7	2	·030	Dull.
10	·538	·343	48·7	49·3	38·0	50·8	·286	·301	83	86	SW 2	SW 10	7	7	·040	
11	·204	·346	47·3	40·3	40·1	53·1	·276	·212	85	85	SW 8	SW 4	6	6	·170	● showers with stormy ↗.
12	·313	·356	39·4	36·0	35·4	47·8	·193	·186	80	87	W 4	SW 4	6	7	·100	✳ showers.
13	29·501	·359	38·6	36·6	34·7	44·5	·173	·192	74	89	NW 8	SW 4	4	8	·880	Fair.
14	28·632	29·447	34·5	33·7	32·4	43·5	·198	·154	99	80	NE 8	NW 10	10	9	1·050	✳ and ✳ ● (sleet). ↗.
15	29·727	30·144	33·0	34·9	30·4	38·6	·188	·197	100	97	NW 8	SW 1	10	2	·200	✳ and ✳ ● (sleet). ↗.
16	30·306	·354	33·7	24·9	24·9	40·1	·180	·128	92	95	NW 0·5	S 0·5	2	0	—	Fair and clear.
17	·185	·174	39·0	43·6	23·6	44·2	·195	·259	83	91	SW 1	SW 1	7	9	—	Fair, but dull.
18	·162	·229	42·4	36·6	36·6	53·9	·245	·197	91	91	SW 1	SW 0·5	8	9	—	Fair and clear.
19	·302	·277	42·4	40·3	36·4	48·5	·196	·233	73	94	S 4	NE 1	7	10	·270	Dull and damp. ↗
20	·199	30·048	43·6	42·6	40·1	45·3	·266	·256	93	93	E 6	NE 4	8	10	·560	● all day.
21	30·014	29·994	41·9	38·9	38·8	45·3	·240	·215	91	91	E 1	E 4	10	10	·570	● all day.
22	29·842	·676	38·1	39·6	36·4	40·7	·219	·223	95	92	E 6	NE 8	8	10	·900	● all day.
23	·774	29·903	40·6	40·6	39·3	41·8	·230	·236	91	93	E 4	NE 4	8	10	·510	● all day.
24	29·936	30·010	39·8	39·4	38·3	42·8	·239	·206	98	86	E 2	NE 2	10	10	·320	● all day.
25	30·083	·187	37·4	36·6	36·4	41·8	·208	·211	93	98	E 1	NE 0·5	10	5	·070	● all day.
26	·258	·387	37·6	36·6	36·4	43·3	·205	·207	91	96	NE 0·5	E 0·5	9	7	·010	
27	·408	·315	33·7	33·7	33·4	42·5	·194	·178	100	91	E 0·5	NW 0·5	5	1	·050	✳ ● (sleet) and ✳.
28	·244	·281	36·5	33·7	32·9	42·5	·199	·184	92	94	NE 0·5	N 4	5	2	·060	Fair, but dull.
29	·422	·377	32·7	34·2	32·2	37·8	·176	·178	94	89	E 0·5	E 1	7	0	·020	Fair, but dull.
30	·342	30·245	34·2	31·2	31·2	39·5	·135	·151	68	86	N 0·5	SW 2	6	1	—	
31	30·133	29·906	27·7	32·7	26·2	41·7	·146	·176	96	94	SW 0·5	S 2	5	2	—	
Means	30·018	30·046	41·1	39·4	36·2	46·7	·229	·222	87·4	90·3	2·4	2·5	7·2	6·1	6·540	

LAUDALE.

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

OCTOBER 1881.

Day.	Barometer at 32° and M. S. L. 9 a.m.	Barometer 9 p.m.	Air Temperature. 9 a.m.	9 p.m.	Min.	Max.	Tension of Vapour. 9 a.m.	9 p.m.	Relative Humidity. 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	30·278	30·228	56·4	55·0	53·4	62·3	·362	·325	80	75	S 3	E 1	6	2	—	∞ *p.* Upper clouds fast from S. *p.*
2	·206	·185	53·2	52·9	49·8	62·2	·315	·287	78	72	ESE 1	ESE 2	0	0	—	∞ all day.
3	·194	·207	53·0	53·6	47·3	57·8	·292	·337	73	81	SSE 3	E 3	4	7	—	∞ *a.* Wind SW. noon.
4	·279	·325	52·5	52·0	50·4	54·4	·282	·268	72	70	SSE 5	SSE 1	6	10	—	∞.
5	·354	·437	49·1	49·5	45·2	52·4	·250	·219	72	87	E 2	E 1	1	0	—	Fine day. [○² *3p.*
6	·482	·428	45·2	51·9	35·9	56·9	·251	·311	84	81	E 1	S 1	0	10	·180	Fine day. ∞ from SW. *10a.* Coloured
7	·380	30·342	51·5	53·5	45·2	55·1	·340	·396	89	97	SW 3	SW 1	10	10	·050	Strong squalls, with threatening ap- [pearance. ≋ (mist) all day.
8	30·212	29·903	54·9	52·0	51·5	56·7	·417	·361	97	93	Calm 0	SSW 5	10	10	·190	≋ (mist). Very close. [autumn.
9	29·694	·736	49·0	46·0	44·0	52·0	·274	·246	78	80	WNW 4	NW 3	4	8	·400	▲ showers *a.* and *p.*, first for this
10	·631	·333	52·9	55·2	45·0	55·3	·346	·376	86	87	NW 7	SW 8	10	9	·880	≋⁰ (mist) *9a.* Very wet day. [*p.*
11	·308	·450	52·3	46·0	50·7	55·2	·331	·265	84	86	W 9	W 9	7	6	·700	▲² showers *p.* ⸝ (force 10 at times)
12	·379	·410	46·2	42·0	42·5	50·0	·223	·225	72	85	W 9	W 6	4	5	—	≋⁰ (mist) *9a.* ▲² ✳ showers *p.*
13	29·601	·228	43·3	42·2	30·4	47·8	·239	·247	85	92	NW 2	NW 1	2	10	·960	Fine *a.* Mare's tails E.—W. ●✳,
14	28·625	29·635	40·0	42·2	38·4	45·2	·222	·169	90	64	ENE 6	N 3	10	4	·210	[✳ ▲ showers p. ●✳, ▲✳. High floods. Strath
15	29·922	30·207	41·7	39·8	34·4	44·5	·176	·209	67	86	N 4	N 2	2	2	·020	[bridge carried away.
16	30·330	·254	34·9	43·2	30·7	47·4	·173	·195	85	70	E 2	E 4	1	2	·010	▲² ✳² showers. Deep ✳ on the [hills.
17	·111	·108	49·0	52·0	34·0	53·5	·274	·294	78	76	SSE 7	SSE 6	10	10	—	∞. Mare's tails E.—W.
18	·120	·100	48·8	48·0	48·5	57·0	·274	·272	79	82	SSE 5	SSE 4	5	5	—	
19	·128	30·171	49·3	49·0	47·3	50·8	·223	·235	64	67	ESE 8	SSE 4	6	4	—	⸝ (force 8) before *9a.* ∞ Mare's [tails.
20	30·076	29·936	51·0	50·2	46·0	53·0	·255	·274	68	76	SSE 4	SSE 5	6	6	—	⸝ (very stormy) till 1.30*p.*
21	29·884	·824	49·0	47·4	48·0	52·1	·261	·239	75	74	E 5	ESE 6	9	7	—	⌒ 11.30*a.*
22	·676	·504	46·7	45·3	43·7	48·2	·236	·239	75	79	ESE 5	ESE 6	7	10	—	White ∞ *a.*
23	·567	·767	48·8	47·2	45·3	51·0	·265	·251	76	78	ESE 7	ESE 6	10	9	—	Grey ∞.
24	29·839	29·919	47·3	46·0	46·2	49·8	·261	·233	81	75	SE 7	SE 6	8	5	—	
25	30·047	30·150	44·1	41·2	41·8	47·7	·212	·201	73	78	E 3	S 1	0	0	—	
26	·246	·366	41·0	42·6	37·4	48·8	·221	·251	86	92	SE 1	Calm 0	7	8	·010	Dull *p.*
27	·416	·386	43·3	41·1	37·2	46·3	·216	·226	77	88	Calm 0	Calm 0	9	3	·030	Dull *p.*
28	·270	·325	43·2	41·0	40·4	46·2	·249	·164	89	64	N 2	Calm 0	3	3	—	Clouds fast from N. and S. *8a.*
29	·437	·437	34·1	36·1	32·7	42·8	·175	·174	88	81	Calm 0	Calm 0	3	10	—	≋ *a.* Very like snow *p.*
30	·362	30·257	39·0	40·2	32·2	42·3	·167	·207	71	84	Calm 0	Calm 0	10	10	—	High scud going fast *a.* ✳⁰ ●⁰ *p.*
31	30·097	29·747	37·2	41·0	32·8	43·2	·187	·158	84	62	E 2	SE 7	0	10	·530	≋ *a.* Threatening and like snow *a.*
Means	30·005	30·013	46·7	46·3	42·2	51·2	·257	·253	79·2	79·4	3·8	3·3	5·5	6·3	4·170	

DUNDEE.

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

OCTOBER 1881.

1	30·334	30·309	55·4	48·4	48·2	63·7	·410	·315	93	93	SE 1	NE 1	0	0	—	Fine day.
2	·311	·261	51·4	50·4	44·3	53·7	·304	·340	80	93	SE 1	SE 2	5	5	—	Dull.
3	·264	·304	50·4	50·4	46·3	52·7	·340	·340	93	93	SE 1	SE 2	10	10	·050	Dull.
4	·362	·379	52·4	47·4	46·3	54·7	·340	·282	86	87	SE 6	SE 4	5	10	·100	
5	·379	·424	43·4	44·4	42·3	53·7	·262	·272	93	93	NE 1	NE 4	10	7	·050	
6	·492	·493	49·4	46·4	43·3	52·7	·327	·294	93	94	NE 1	S 1	10	10	·100	
7	·382	·285	47·4	52·4	44·3	52·7	·303	·366	93	93	W 2	W 1	10	10	·050	
8	30·245	30·049	50·4	42·4	42·3	53·7	·340	·252	93	93	SE 1	NW 1	10	7	·100	
9	29·611	29·686	46·4	43·4	41·3	52·7	·316	·202	100	72	W 1	NW 4	10	7	—	
10	·591	·373	50·4	52·4	40·3	55·7	·315	·340	86	86	W 4	W 6	10	10	—	Dull.
11	·274	·379	53·4	44·4	44·3	56·7	·282	·230	69	79	W 8	W 8	7	7	·050	Fine day.
12	·345	·378	43·4	37·4	37·4	47·7	·221	·189	78	85	SW 10	NW 4	0	0	—	⸝ (gale) till *4p.*
13	29·549	·357	46·4	43·4	37·3	49·7	·212	·221	68	78	NW 2	NW 1	7	10	1·650	Fine.
14	28·467	29·494	40·4	36·4	34·2	45·7	·232	·164	93	76	NE 12	NW 12	10	10	·750	⸝² (very violent gale) *n.* and till *5p.*
15	29·771	30·136	36·4	37·4	33·2	44·8	·164	·172	76	77	NW 8	NW 1	7	0	—	Fine. [●⁰ and ● ✳ (sleet) till *4p.*
16	30·340	·339	38·4	34·5	33·2	46·7	·195	·163	85	81	NW 1	NE 1	5	7	—	Fine.
17	·239	·198	38·4	45·4	30·2	47·7	·214	·283	93	94	SW 1	SW 1	10	10	—	Dull with ≋.
18	·202	·264	41·4	43·4	38·3	53·7	·242	·262	93	93	SE 1	SE 1	5	0	—	Fine.
19	·333	·273	46·4	45·4	42·3	47·7	·212	·283	68	94	SE 8	SE 6	10	10	·150	
20	30·200	30·049	47·4	46·4	45·3	47·7	·303	·294	93	94	SE 8	SE 8	10	10	·300	
21	29·979	29·940	46·4	44·4	43·3	46·7	·271	·250	87	86	SE 8	SE 10	10	10	·400	⸝ (gale) from noon. [after *4p.*
22	·789	·641	44·4	43·4	43·3	45·7	·250	·262	86	93	SE 10	SE 12	10	10	·300	⸝ (gale) till *4p.* ⸝² (violent gale)
23	·741	29·871	44·4	45·4	43·4	46·7	·272	·283	93	94	SE 12	SE 12	10	10	·250	● ⸝² (violent gale) in past *n.* and [during day.
24	29·931	30·025	45·4	42·4	42·3	45·7	·260	·252	87	93	SE 12	SE 8	10	10	·050	⸝² (violent gale) *n.* and till noon.
25	30·065	·117	42·4	41·4	41·3	46·7	·212	·221	79	86	E 2	NW 1	10	10	·050	Dull.
26	·289	·397	42·4	39·4	39·3	48·7	·252	·224	93	93	NE 1	NE 1	10	10	·050	
27	·413	·322	40·4	38·4	38·3	43·8	·213	·214	85	93	NW 1	NW 1	10	10	—	
28	·242	·247	40·4	35·5	35·2	44·8	·213	·172	85	83	NW 1	NW 2	10	10	·100	✳ ● (sleet) *4p.*
29	·358	·412	35·5	31·5	31·5	41·8	·191	·157	92	88	NE 2	NE 1	5	7	—	Showers of ▲ and ✳ ● (sleet) *n.*
30	·342	30·242	37·4	35·5	29·2	39·8	·156	·172	70	83	NW 2	NW 1	10	10	—	Dull. [and till 6.30*a.*
31	30·126	29·891	32·5	35·5	29·2	45·7	·166	·155	90	74	NW 1	SE 2	10	0	—	Fine.
Means	30·031	30·050	44·5	42·7	39·7	49·4	·258	·246	86·2	87·5	4·2	3·9	8·3	7·6	4·550	

ROTHESAY.

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

OCTOBER 1881.

Day.	Barometer at 32° and M. S. L. 9 a.m.	Barometer 9 p.m.	Air Temperature. 9 a.m.	9 p.m.	Min.	Max.	Tension of Vapour. 9 a.m.	9 p.m.	Relative Humidity. 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	30·322	30·280	56·9	49·0	46·1	63·3	·409	·327	89	94	S	NW	—	—	—	Clear and fine.
2	·274	·233	53·0	46·7	44·1	61·1	·304	·307	75	96	S	E	—	—	—	Clear and fine.
3	·238	·248	53·0	53·0	43·1	60·1	·342	·222	85	80	E	SE	—	—	—	Breezy.
4	·301	·341	51·5	48·0	48·0	55·0	·287	·210	76	63	SE	SE	—	—	—	Cloudy with ∞.
5	·360	·438	48·0	41·1	38·6	52·9	·267	·228	80	89	SE	Calm	—	—	—	
6	·515	·486	49·0	47·5	37·1	60·1	·303	·274	87	84	E	Calm	—	—	—	⌣
7	·415	·362	49·5	53·0	44·1	53·7	·355	·403	100	100	S	*W*	—	—	·056	Dull with ●.
8	30·247	30·022	55·0	48·0	47·1	55·0	·430	·335	99	100	E	Calm	—	—	·372	Dull and damp.
9	29·715	29·795	48·2	43·1	41·6	52·4	·293	·244	88	87	NW	NW	—	—	·110	● showers.
10	·701	·489	52·0	54·0	40·6	55·0	·375	·366	97	87	WNW	W	—	—	·305	Dull and blowy.
11	·431	·516	53·0	43·1	43·1	55·0	·352	·258	87	93	SW	W	—	—	·340	●² showers.
12	·506	·509	48·0	41·3	39·1	50·4	·228	·236	68	92	WNW	NW	—	—	·310	●² showers. T *6.20p.*
13	29·626	·292	44·1	40·1	38·6	48·9	·269	·246	93	99	NW	E	—	—	·706	●² showers.
14	28·537	29·630	43·7	38·6	37·1	46·0	·274	·170	96	73	NNW	NW	—	—	·115	⸝ (gale) *a.*
15	29·871	30·205	39·6	35·0	34·2	46·9	·179	·164	73	80	NW	NNE	—	—	—	Clear and blowy.
16	30·365	·305	44·1	41·3	30·2	50·9	·333	·218	80	84	SE	SE	—	—	·006	Fine day.
17	·194	·181	50·0	50·5	39·6	52·4	·319	·322	89	88	SE	S	—	—	—	Cloudy.
18	·174	·157	46·1	47·0	43·1	55·5	·275	·249	89	78	SE	SE	—	—	—	Clear and fine.
19	·199	30·133	47·0	44·6	42·1	51·9	·241	·252	75	86	SE	SE	—	—	—	Clear, blowy, and fine.
20	30·111	29·930	47·0	48·5	43·1	50·4	·280	·309	87	91	SE	SE	—	—	—	Blowy.
21	29·840	·800	47·5	46·6	45·1	49·9	·281	·262	87	83	SE	SE	—	—	—	Cloudy and blowy.
22	·663	·445	45·1	44·6	42·6	48·4	·252	·262	84	89	ENE	E	—	—	·006	⸝ (gale) all day.
23	·522	·730	49·0	46·1	43·6	50·2	·285	·251	82	81	ESE	E	—	—	—	⸝ (gale) all day.
24	29·826	29·939	46·9	45·1	44·1	48·9	·263	·256	83	86	E	ENE	—	—	—	Dull, blowy, and cold.
25	30·046	30·140	44·4	43·6	40·1	47·1	·293	·242	100	85	E	S	—	—	—	Dull, blowy, and cold.
26	·260	·329	43·6	43·6	42·1	46·9	·222	·242	78	85	ESE	E	—	—	—	Dull and dark.
27	·428	·372	45·6	41·6	39·6	47·4	·263	·203	86	78	E	NW	—	—	·010	
28	·259	·302	44·1	39·9	38·1	51·9	·258	·175	89	71	NW	NNW	—	—	—	Cold.
29	·424	·450	38·6	38·6	31·2	47·5	·198	·178	85	76	NE	NE	—	—	—	Fine and cold.
30	·391	30·280	38·1	36·3	35·2	42·0	·156	·172	68	80	NE	Calm	—	—	—	
31	30·128	29·825	39·1	38·1	33·7	46·5	·206	·156	86	68	Calm	SE	—	—	·310	Clear *a.* Cloudy *p.*
Means	30·029	30·038	47·1	44·4	40·5	51·7	·284	·253	85·2	84·7	—	—	—	—	2·646	

PINMORE.

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

OCTOBER 1881.

1	30·277	30·246	55·4	50·8	50·6	60·1	·388	·340	89	91	S	S	—	—	—	
2	·237	·210	49·8	44·9	42·4	61·1	·282	·269	79	91	S	S	—	—	—	
3	·209	·225	52·8	51·3	41·4	60·1	·335	·334	83	88	S	SE	—	—	—	
4	·263	·295	50·8	48·4	39·9	55·1	·303	·286	82	84	SE	SE	—	—	—	
5	·297	·429	49·3	37·2	36·5	55·1	·246	·220	70	99	SE	E	—	—	—	
6	·471	·485	46·9	44·9	31·5	59·1	·304	·269	95	91	SE	SE	—	—	—	
7	·424	·358	51·0	52·3	36·5	55·1	·285	·373	76	95	W	W	—	—	·100	
8	30·214	30·053	54·7	41·0	32·5	55·1	·411	·231	96	90	SE	NE	—	—	·280	
9	29·740	29·835	49·8	44·9	40·4	52·1	·290	·228	82	77	N	N	—	—	·160	
10	·765	·590	49·8	51·8	40·4	53·6	·340	·328	95	85	W	W	—	—	·490	
11	·484	·598	54·4	44·0	41·4	57·6	·340	·259	80	90	NW	NW	—	—	·520	
12	·581	·583	48·1	44·0	43·8	51·1	·236	·211	71	73	NW	NW	—	—	·180	
13	29·661	·333	48·7	41·5	37·4	52·1	·251	·226	73	87	N.	N	—	—	1·260	
14	28·513	29·658	46·9	40·1	37·4	51·1	·304	·183	95	73	N	N	—	—	·530	
15	29·888	30·217	40·1	39·1	35·5	48·2	·190	·208	76	87	NE	NE	—	—	·010	
16	30·351	·319	29·4	39·1	27·5	49·2	·149	·200	92	84	NE	NW	—	—	—	
17	·185	·180	48·9	49·3	36·5	52·1	·292	·267	85	76	SW	SW	—	—	—	
18	·151	·128	45·9	47·4	43·8	52·6	·260	·253	85	78	SE	SE	—	—	—	
19	·161	30·129	44·9	43·0	40·9	51·1	·219	·230	74	83	S	SE	—	—	·010	
20	30·048	29·852	46·7	46·9	43·0	50·6	·230	·248	73	78	SE	SE	—	—	·030	
21	29·780	·753	48·9	46·4	41·9	49·6	·277	·254	80	81	E	E	—	—	·020	
22	·614	·384	45·4	44·9	44·8	48·2	·234	·248	77	84	SE	E	—	—	·080	
23	·460	·633	46·9	45·9	40·4	52·1	·269	·239	85	78	SE	SE	—	—	·040	
24	·843	29·860	46·9	44·9	44·9	51·1	·238	·258	75	87	SE	SE	—	—	—	
25	29·988	30·072	41·3	33·4	28·5	53·1	·219	·171	85	89	SE	SE	—	—	—	
26	30·207	·367	41·0	39·1	32·5	50·1	·231	·217	90	91	E	E	—	—	—	
27	·403	·377	34·3	39·1	29·5	50·1	·161	·217	81	91	NE	N	—	—	—	
28	·272	·272	46·9	37·2	34·5	49·2	·258	·193	81	87	N	N	—	—	—	
29	·372	·443	30·4	30·9	29·5	45·2	·157	·173	92	100	N	E	—	—	—	
30	·394	30·259	31·9	30·4	26·5	41·3	·164	·170	91	100	N	N	—	—	—	
31	30·120	29·782	27·9	40·1	27·5	42·3	·152	·197	100	79	E	E	—	—	·500	
Means	30·012	30·030	45·4	43·0	37·4	52·1	·259	·242	83·5	86·0	—	—	—	—	4·210	

SCALEBY.

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

OCTOBER 1881.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	
	ins.	ins.	°	°	°	°	in.	in.	%	%					ins.	
1	30·345	30·292	52·1	46·8	44·5	66·3	·365	·294	93	92	SE 2	Calm 0	2	0	—	
2	·296	·235	52·8	47·3	40·2	61·0	·306	·311	76	96	E 2	E 1	0	0	—	
3	·216	·280	49·8	50·0	44·0	54·2	·329	·290	92	81	E 1	SE 3	10	10	—	
4	·345	·347	51·0	43·3	40·0	55·0	·269	·249	72	89	W 2	E 2	8	8	·010	
5	·357	·358	45·3	47·8	35·0	53·2	·244	·305	81	92	E 2	E 1	4	1	—	
6	·425	·502	50·8	47·8	35·0	52·2	·317	·293	85	88	NE 3	Calm 0	10	10	—	
7	·485	·342	48·0	51·8	39·0	52·8	·279	·369	84	95	E 1	Calm 0	10	10	·160	
8	30·226	30·066	49·8	38·8	38·0	56·0	·324	·214	91	91	E 2	E 1	10	2	·080	
9	29·630	29·766	43·0	40·8	35·0	54·2	·270	·228	98	90	W 2	W 1	10	0	·030	
10	·770	·645	50·8	52·8	38·0	55·8	·336	·330	91	82	SW 5	SW 7	10	10	·050	
11	·456	·581	55·3	44·3	44·0	56·0	·338	·277	78	96	SW 6	SW 5	9	5	·330	
12	·555	·547	43·6	42·8	41·2	52·0	·241	·215	85	78	SW 8	SW 6	8	4	·090	
13	29·655	·382	46·3	41·8	38·8	52·0	·254	·240	82	92	SW 6	SW 4	2	10	1·400	
14	28·455	29·499	45·8	36·3	35·2	53·0	·302	·169	98	79	SW 3	NW 3	10	0	·140	✓² (heavy gale) 10a.—2p.
15	29·837	30·137	36·3	35·8	33·0	45·5	·196	·167	92	79	NW 4	N 4	2	0	—	
16	30·359	·347	32·6	31·3	26·0	48·0	·142	·143	76	81	SE 1	SE 2	0	0	—	
17	·275	·256	42·8	39·8	30·0	52·8	·203	·218	73	90	SW 3	SW 2	0	0	—	
18	·215	·223	47·0	46·8	38·0	57·0	·237	·230	74	72	SE 3	E 4	2	0	—	
19	·262	30·152	45·3	45·8	41·0	52·3	·189	·281	63	92	SE 4	NE 4	3	3	·040	
20	30·059	29·849	47·0	48·3	44·0	50·2	·247	·275	77	82	NE 7	E 8	6	2	·100	
21	29·775	·729	47·3	46·0	45·0	48·5	·299	·279	92	91	E 4	E 4	10	10	·030	
22	·642	·424	44·6	46·3	44·0	47·2	·252	·254	86	82	E 4	E 10	8	10	·010	
23	·538	·682	47·6	45·8	44·5	47·6	·262	·249	80	81	NE 8	E 10	8	10	—	
24	·784	29·889	46·6	44·3	43·0	47·8	·240	·255	96	88	E 6	E 3	10	5	·020	
25	29·989	30·137	42·8	37·0	35·0	47·2	·234	·204	85	93	E 3	Calm 0	5	8	—	
26	30·232	·366	41·3	39·0	34·5	45·8	·230	·221	89	94	NE 2	E 2	7	2	·010	
27	·406	·331	37·3	39·8	31·0	44·1	·210	·204	95	84	N 2	NE 3	10	10	—	
28	·209	·216	39·8	32·3	32·3	46·0	·223	·170	92	93	Calm 0	N 1	10	1	·040	
29	·325	·421	37·8	27·3	26·8	38·0	·187	·129	83	88	NE 4	NE 2	0	0	—	
30	·358	30·099	35·3	25·6	24·5	38·0	·144	·108	69	79	Calm 0	Calm 0	3	2	—	
31	30·170	29·921	26·6	34·3	20·0	35·0	·115	·162	82	82	Calm 0	S 3	0	0	—	
Means	30·021	30·039	44·6	41·9	36·8	50·5	·251	·237	83·5	86·8	3·2	3·1	6·0	4·3	2·540	

SCARBOROUGH.

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

OCTOBER 1881.

1	30·382	30·321	54·6	51·6	49·5	57·3	·362	·338	85	88	ESE 1	SE 1	7	0	—	
2	·295	·251	56·6	52·6	51·4	58·3	·339	·361	74	91	ENE 2	ESE 2	1	9	—	
3	·259	·284	56·4	51·6	51·6	56·7	·366	·345	81	90	E 2	E 2	5	10	—	
4	·330	·315	52·8	47·6	47·6	54·3	·286	·256	72	78	SE 6	E 3	7	3	·150	
5	·260	·277	48·6	49·6	44·5	51·4	·250	·275	73	78	ESE 4	NE 3	4	5	·060	
6	·378	·453	51·3	49·3	47·5	51·5	·304	·278	80	80	ENE 5	NE 2	10	10	—	
7	·478	·374	49·5	48·6	48·0	52·8	·274	·322	78	95	WNW 1	WSW 1	10	10	·130	9a. and p.
8	30·246	30·037	50·6	49·6	47·5	51·4	·257	·298	70	84	E 4	E 2	2	5	—	
9	29·744	29·691	44·7	46·1	42·3	53·3	·255	·231	86	74	WSW 2	W 4	10	3	—	
10	·803	·697	47·9	51·6	40·0	51·6	·273	·323	83	84	WSW 3	WSW 2	10	10	·040	
11	·524	·568	56·4	49·6	49·6	60·3	·393	·284	87	80	WSW 3	WSW 2	7	1	·040	
12	·575	·565	52·1	45·5	44·2	53·2	·253	·222	66	74	WSW 5	WSW 2	6	0	·100	
13	29·625	·506	49·1	43·7	41·0	54·3	·206	·264	60	92	NW 4	WSW 2	2	10	·590	
14	28·599	29·354	53·8	39·7	39·7	56·3	·204	·182	71	74	SW 7	N 2	5	8	·570	● ² ✓² (reaching force 11 between
15	29·727	30·030	42·3	39·7	37·5	45·3	·170	·182	64	74	WNW 4	NNW 5	1	0	·070	3p. and 5p.) damaging many
16	30·283	·364	42·2	41·7	37·0	49·1	·213	·198	81	76	NNW 1	NNW 1	4	0	—	buildings. Lead weighing 3 to
17	·349	·303	40·8	42·7	34·5	49·8	·181	·222	70	81	SW 2	SSW 1	1	0	—	4 cwts. blown off house roofs a
18	·297	·294	45·1	46·6	38·0	51·4	·228	·245	77	78	SSW 2	SSE 2	1	3	—	distance of 40 or 50 yards.
19	·289	30·150	47·8	48·6	45·5	48·8	·225	·309	68	91	ESE 6	ESE 4	5	7	·110	● ✓
20	30·087	29·890	47·9	49·5	37·6	49·5	·253	·323	79	92	ESE 6	ESE 5	10	10	·230	● ✓
21	29·796	·789	47·3	47·9	46·7	49·5	·302	·263	93	79	E 9	E 8	10	10	·010	
22	·684	·497	46·6	45·0	41·5	47·0	·273	·297	87	99	ESE 9	ESE 9	10	10	·340	
23	·597	·686	46·5	45·7	44·7	47·3	·293	·276	94	91	SE 9	E 8	10	10	·390	
24	·792	29·871	47·2	47·1	45·0	48·3	·286	·272	89	84	ESE 7	ESE 5	10	10	·010	
25	29·941	30·046	46·6	44·2	42·5	47·3	·233	·230	74	79	ENE 5	ENE 4	10	10	·050	
26	30·182	·299	44·7	43·7	42·5	46·2	·268	·234	91	82	NE 3	ENE 3	7	2	·030	
27	·337	·275	43·6	43·2	40·7	45·3	·233	·242	82	87	ENE 4	N 2	7	10	·070	
28	·165	·129	42·8	40·9	39·2	45·6	·262	·206	96	81	NW 2	NNE 2	10	1	·300	● ▲ p.
29	·270	·337	38·6	38·9	35·7	41·8	·210	·188	90	81	ENE 6	ENE 2	7	2	·130	▲ before 9a. ● ▲ ✳ p.
30	·306	·256	40·9	37·6	35·0	41·1	·220	·201	87	90	WNW 1	W 1	7	9	·560	● ✳
31	30·184	30·037	37·9	38·7	33·5	40·8	·169	·177	74	76	WSW 1	SSE 2	3	2	—	⋃
Means	30·025	30·031	47·5	45·8	42·6	50·3	·263	·259	79·4	83·3	4·1	3·0	6·4	5·8	3·980	

Observer remarks: Mean sea temperature 50°·6.

DOUGLAS, ISLE OF MAN.

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

OCTOBER 1881.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	
	ins.	ins.	°	°	°	°	in.	in.	%	%					ins.	
1	30·313	30·260	57·3	54·0	43·2	61·3	·401	·360	85	80	SE 3	ESE 4	4	4	—	⌓² a. and p.
2	·253	·193	53·8	53·6	50·3	57·8	·320	·338	77	81	ESE 5	E 4	4	2	—	✓ a.
3	·198	·213	55·0	53·6	52·0	57·0	·370	·315	86	76	E 4	SE 6–7	6	9	—	✓ ≋⁰ (mist) p.
4	·276	·285	52·6	50·2	50·2	54·2	·335	·243	84	67	SE 5	ESE 6	7	5	—	Squally ✓ a. and p. ≋⁰ (mist) p.
5	·295	·388	50·4	40·1	38·9	54·3	·272	·223	75	90	ENE 4	NNE 1	3	1	—	Squally before 9a. △⁰ 7a.–7.5a. ⌓ p.
6	·455	·500	51·7	46·4	38·1	56·8	·313	·306	81	97	N 4	Calm 0	3	7	—	⌓² p.
7	·471	·324	54·0	54·2	38·1	56·9	·299	·421	72	100	W 3	NW 2	8	10	·050	⌓ bef. 10 p. ≋⁰ (mist) p.
8	30·217	30·036	53·6	39·8	39·8	56·0	·404	·239	98	98	ENE 3	Calm 0	10	9	·180	≋ 9a.
9	29·756	29·858	51·8	45·4	39·4	55·6	·312	·264	80	88	NW 5	WNW 3	4	2	·040	✓ a.
10	·873	·655	51·0	53·5	44·8	56·1	·348	·395	93	96	W 5	WSW 8–7	10	10	·110	● ✓ a. Squally ✓² p.
11	·579	·675	56·0	49·9	49·2	57·0	·391	·284	87	80	WSW 6	WNW 7	7	7	·070	Squally ✓ a. and p.
12	·668	·643	49·7	47·4	46·8	52·9	·279	·262	79	81	WNW 6	W 7	7	8	·010	Squally ✓ a. and p.
13	29·745	·272	48·5	46·5	43·4	50·5	·253	·317	73	100	W 5	NW 5–7	4	10	1·450	Squally ✓ p. Bar. 29·834 2p.
14	28·522	29·678	48·8	42·0	40·1	55·8	·321	·241	93	91	WNW 8	NW 7–8	10	5	·510	Bar. 28·450 7.45a. Squally ✓² (reach-
15	29·948	30·206	38·5	40·7	35·8	47·7	·215	·215	92	85	NW 7	NW 6–7	4	2	·002	[ing force 9) a. and p. < 8p. △² 8a.—9a. △⁰ showers till 11a. ✓ a. and p., with squalls.
16	30·371	·303	50·1	47·9	30·2	51·8	·227	·269	63	81	Calm 0	SSE 3–4	0	9	—	Squally before 9a. ⌊ a.
17	·248	·221	50·0	50·4	47·6	52·9	·300	·300	84	83	S 5	SSE 6	10	8	—	✓ p
18	·160	·131	50·0	48·6	46·1	53·7	·309	·290	85	85	SE 4	ESE 7–8	4	0	—	≋⁰ (mist) 9a. Squally ✓ 9p.
19	30·120	30·022	46·5	48·1	45·1	49·4	·229	·280	73	84	E 7	ESE 7–8	8	8	—	Squally ✓ a. and p.
20	29·976	29·782	47·5	47·9	46·0	49·5	·255	·282	78	86	E 7	E 8–9	8	8	—	Squally ✓ a. and p.
21	·676	·631	49·5	47·2	46·2	50·3	·299	·287	85	89	E 8	ESE 8–9	10	10	·090	Squally ✓ a. and p.
22	·450	·255	48·2	48·6	45·8	53·4	·295	·312	89	92	E 8	E 8–9	10	10	·402	Squally ✓ (force 10 in squalls) a. and p.
23	·400	·621	47·8	48·0	47·6	53·9	·327	·278	98	84	ESE 7–8	ESE 7–8	10	9	—	Squally ✓ a. and p.
24	·698	29·786	48·0	47·9	46·0	51·2	·285	·301	86	91	E 6–7	E 7–8	10	9	—	Squally ✓ a. and p.
25	29·945	30·073	47·0	44·3	44·3	48·8	·253	·235	79	80	E 6	NE 3	3	7	—	Squally ✓ before 9a.
26	30·205	·304	45·0	45·4	43·2	46·4	·253	·251	85	84	NE 2	E 4	10	8	·010	
27	·376	·356	43·7	42·2	41·8	48·9	·216	·202	75	76	E 2	N 1	8	10	—	
28	·268	·216	44·0	42·7	40·0	51·2	·277	·218	96	80	NW 3	NE 3	8	7	·010	● △⁰ 10a.—10.5a.
29	·310	·406	42·7	38·1	34·6	44·4	·200	·189	73	82	NE 3	ENE 2	4	0	·001	● △ 3p.—3.30p.
30	·383	30·298	38·4	27·6	27·6	45·1	·172	·131	75	87	Calm 0	Calm 0	8	1	—	⌊ a. ⌓² p.
31	30·128	29·786	38·5	42·3	25·8	43·8	·198	·194	86	72	S 1	SE 7	9	10	·580	⌊ ≋⁰ (mist) a. ✓ ●² p.
Means	30·009	30·012	48·7	46·3	42·4	52·4	·288	·272	82·8	85·5	4·6	4·9	6·8	6·6	3·515	

WAKEFIELD.

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

OCTOBER 1881.

1	30·305	30·312	44·3	45·8	37·8	59·7	·285	·285	98	93	SW 1	NE 1	10	2	—	∞ 10.30a., then fine.
2	·274	·247	56·4	47·8	45·1	60·6	·329	·313	72	94	NE 2	NE 2	10	2	—	
3	·245	·227	53·9	49·2	46·1	61·0	·357	·277	86	79	E 2	E 2	7	6	—	Fine day.
4	·331	·299	53·0	44·2	44·2	56·0	·297	·259	74	89	ESE 2	N 2	6	8	·020	Fine and bright.
5	·272	·332	47·0	42·8	41·3	51·7	·237	·229	74	83	N 2	N 2	1	4	·060	Fine and bright greater part of day.
6	·388	·487	50·5	49·0	42·1	52·6	·333	·297	91	86	N 2	N 2	10	10	—	Dull. [● 3.15p.
7	·504	·394	49·3	49·2	42·1	53·8	·255	·335	73	96	N 1	SE 1	5	10	·360	Fine and bright till 11.30a., then dull.
8	30·227	30·038	50·7	44·4	43·3	54·0	·286	·265	78	91	NE 3	N 2	6	3	—	[✓ 3p.—4p.
9	29·745	29·769	45·1	45·5	38·0	54·6	·270	·225	90	75	WSW 1	W 6	10	0	·020	⋃ 1.23a. Rough and boisterous
10	·878	·823	50·2	53·2	42·1	57·2	·303	·321	84	79	W 5	WSW 4	10	6	·030	
11	·591	·631	56·0	50·2	50·1	59·0	·362	·284	80	79	SW 2	W 8	10	1	·050	Rough and boisterous ✓.
12	·656	·597	49·0	47·8	44·7	54·8	·290	·254	84	76	W 6	W 6	5	4	·150	Rough and stormy.
13	29·736	·475	45·7	43·2	42·9	51·5	·227	·253	75	90	WSW 5	ESE 4	3	10	·950	Fine. Rough and boisterous 4p.
14	28·611	29·637	51·4	42·4	42·1	59·0	·294	·249	78	92	SW 9	W 4	10	2	·290	Squally ✓ ●² 9a.—6.30p.
15	29·834	30·127	39·7	38·1	34·9	47·9	·195	·172	80	75	W 3	NW 3	3	0	—	Fine.
16	30·257	·395	44·6	31·0	30·8	48·9	·197	·154	67	88	WNW 2	NNW 2	4	2	—	Fine and bright.
17	·351	·309	31·0	38·6	25·2	53·9	·149	·199	85	85	WSW 1	S 1	0	1	—	Fine and bright.
18	·310	·290	30·8	41·9	26·8	53·0	·162	·234	94	89	SSE 1	ESE 2	10	3	—	∞ till 9.45a., then fine.
19	·258	30·085	44·3	44·3	40·4	49·9	·205	·264	71	91	E 3	E 3	8	4	—	
20	30·026	29·835	46·4	44·4	42·2	48·7	·241	·239	78	82	E 3	E 3	5	8	—	Dull and cold.
21	29·758	·743	48·2	44·0	44·0	48·2	·284	·270	85	94	ENE 2	ESE 3	10	10	·230	Dull and gloomy.
22	·581	·379	45·8	47·0	44·0	47·1	·289	·275	94	86	E 6	E 6	10	10	·620	Rough and wild.
23	·547	·675	46·2	44·8	43·7	47·9	·289	·257	93	86	E 4	E 3	10	10	·220	Rough and cold.
24	·766	29·857	44·6	45·2	43·1	46·9	·271	·278	92	93	ENE 2	E 2	10	10	·090	Dull.
25	29·942	30·049	44·2	41·4	40·8	48·9	·241	·231	83	89	NNE 3	ENE 3	3	10	·030	Fine till 3.15p., then dull with ●⁰.
26	30·204	·321	43·0	38·5	38·2	47·9	·234	·215	84	93	NNE 2	NNE 3	10	2	·040	
27	·336	·324	41·1	41·2	38·0	44·9	·215	·235	83	92	N 3	N 3	10	10	·010	Dull and gloomy.
28	·204	·167	42·0	40·1	39·3	48·8	·194	·206	74	83	WNW 2	N 3	9	7	·060	Fine. [with ✳⁰, then fine again.
29	·274	·376	39·1	36·1	34·2	43·9	·198	·187	83	88	N 3	NE 2	2	6	·030	Fine till 11a., then dull and gloomy.
30	·335	30·285	39·5	36·1	31·4	41·9	·176	·176	73	83	N 2	WNW 2	5	3	—	Fine.
31	30·212	29·993	27·8	35·1	26·3	39·9	·127	·175	84	85	SE 2	SE 2	10	10	—	∞ 9a. Dull and gloomy.
Means	30·034	30·048	45·2	43·3	39·5	51·4	·251	·246	81·9	86·6	2·8	3·0	7·2	5·6	3·260	

LLANDUDNO.

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

OCTOBER 1881.

Day.	Barometer at 32° and M.S.L. 9 a.m.	9 p.m.	Air Temperature. 9 a.m.	9 p.m.	Min.	Max.	Tension of Vapour. 9 a.m.	9 p.m.	Relative Humidity. 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	30·340	30·275	54·8	50·5	46·1	60·0	·344	·304	80	83	S	1	E	0·6	0	0	—	≋⁰ (mist) before 9a. Very fine.
2	·240	·181	54·0	51·5	49·5	58·6	·312	·284	74	75	SE	1	SE	1	1	0	—	Very fine.
3	·185	·252	54·8	48·0	47·0	58·5	·327	·274	76	83	SE	3	SE	1	9	0	—	≋⁰ (mist) before 9a. Sea ≋ a. Fine [day.
4	·262	·286	49·4	44·6	42·3	58·3	·277	·206	79	70	E	2	SE	3	10	0	—	Fine, with constant sea ≋⁰ passing
5	·282	·364	47·0	43·6	39·0	50·7	·258	·233	80	82	SE	1	SE	1	9	0	—	≋⁰ (mist) before 9a. [over.
6	·432	·492	51·8	50·1	40·0	55·0	·305	·308	79	85	NE	4	NE	2	10	10	—	Fine day.
7	·497	·371	52·3	53·5	45·0	56·7	·317	·384	80	94	SW	0·6	SW	1	9	10	·275	≋⁰ (mist) before 9a.
8	30·204	30·049	50·7	44·0	43·2	54·8	·352	·243	95	84	E	5	E	1	10	0	·060	Dull and showery, with ≋⁰ a. Fine p.
9	29·777	29·893	50·0	49·0	41·4	54·4	·334	·234	93	67	W	2	WNW	5	10	7	·100	● showers and cold a. ▲ showers p.
10	·943	·762	51·9	54·9	47·7	56·5	·344	·351	89	82	W	4	W	6	10	10	·080	Dull with ●⁰ showers. Cold and
11	·655	·739	55·4	51·2	50·6	59·0	·362	·283	83	75	W	4	W	6	10	9	·064	Fair, but windy. [windy.
12	·729	·707	51·1	48·5	47·7	54·1	·306	·292	81	87	W	4	W	7	9	9	·224	Squally a. and p. [▲.
13	29·788	·279	49·5	56·0	45·0	56·0	·263	·401	75	89	W	3	W	6	0	10	1·000	Bright till noon, dull till 4p., then ●
14	28·678	29·705	49·5	45·9	44·7	59·0	·285	·221	81	73	W	9	N	6	10	0	·150	↙² (heavy gale) in past n. and till 4.30p.
15	29·957	30·220	41·3	45·0	37·5	53·5	·232	·197	90	66	N	2	N	2	10	0	·030	Dull and cold. ▲ showers p. [▲.
16	30·361	·342	45·4	41·0	38·3	50·3	·222	·197	74	77	W	1	W	1	0	0	—	Very fine.
17	·326	·241	50·2	43·9	38·4	54·0	·248	·232	69	81	SW	1	N	1	0	0	—	Very fine.
18	·161	·117	49·7	45·8	39·0	57·2	·231	·226	65	74	S	1	SE	5	0	0	—	Very fine.
19	30·117	30·025	45·5	44·6	42·0	51·0	·190	·238	63	80	S	5	SE	7	1	0	—	Cold wind. Squalls p.
20	29·932	29·745	46·0	45·6	42·3	50·4	·224	·228	73	75	SE	6	E	8	9	0	—	Squally a. and p. Cold.
21	·654	·604	46·0	47·0	44·2	47·1	·262	·275	85	86	SE	7	SE	6	10	10	·080	≋⁰ (mist) before 9a. Squally p. Dull.
22	·420	·338	47·7	47·6	45·6	47·8	·283	·293	86	90	SE	8	SE	7	10	10	·060	Squally ↙ a. and p.
23	·365	·388	51·0	45·8	45·4	51·3	·322	·267	86	87	SE	4	E	5	10	10	—	
24	·648	29·755	46·4	46·6	44·7	48·5	·264	·258	84	82	SE	2	SW	5	10	10	—	
25	29·892	30·050	45·9	45·0	43·0	48·0	·246	·225	81	76	SE	3	E	7	8	10	—	≋⁰ (mist) before 9a. Squally 9p.
26	30·163	·288	45·4	44·7	44·0	46·4	·193	·237	64	80	E	3	E	5	10	10	—	Dull and cold.
27	·347	·338	44·0	45·4	42·0	45·4	·176	·220	60	73	E	4	E	1	10	10	—	Dull and cold.
28	·271	·200	44·8	44·0	36·3	47·2	·241	·243	81	84	E	1	E	1	10	6	·097	
29	·283	·377	40·5	40·0	34·0	44·0	·203	·179	81	72	E	5	E	5	1	0	—	Fine and bright, but very cold.
30	·361	30·298	35·1	37·8	30·6	42·6	·173	·182	84	80	SE	1	SE	1	9	10	—	
31	30·180	29·861	39·8	38·6	37·2	44·0	·168	·168	68	72	S	1	SW	2	7	10	·197	Very fine.
Means	30·015	30·021	48·0	46·4	42·4	52·3	·267	·254	78·7	79·5	3·2		3·8		7·2	5·2	2·417	

BUXTON.

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

OCTOBER 1881.

1	30·397	30·341	49·4	41·3	32·0	52·9	·283	·236	81	92	SE	2	SE	1	10	0	—	
2	·314	·249	49·9	47·6	32·0	51·8	·297	·323	83	98	ESE	4	ESE	2	6	8	·035	
3	·287	·299	48·3	46·6	43·1	54·2	·304	·235	90	74	SE	3	SE	3	9	7	—	
4	·291	·334	44·2	34·4	33·5	51·2	·265	·184	92	93	E	3	NW	3	10	2	—	
5	·292	·326	44·3	39·4	33·1	48·1	·224	·202	77	84	NE	3	NE	2	4	4	·080	
6	·446	·526	47·4	45·1	37·8	49·1	·307	·266	94	88	ENE	2	SE	1	9	7	—	
7	·566	30·453	47·6	46·3	42·4	53·9	·245	·297	74	95	NE	1	SW	1	6	10	·410	
8	30·244	29·987	44·9	44·2	42·9	49·3	·270	·272	91	94	E	4	ESE	2	7	9	—	
9	29·845	·835	43·0	41·2	37·5	50·2	·262	·235	94	92	NW	3	NW	2	10	10	·145	
10	·944	·822	46·4	49·6	39·2	51·1	·264	·305	84	86	WNW	2	NW	4	10	6	·030	
11	·682	·716	52·6	46·4	46·0	55·2	·330	·279	83	89	NW	3	NW	3	8	7	·180	↙ before 9a. ● ↙ p.
12	·760	·717	46·9	42·9	40·8	48·1	·285	·265	90	96	WNW	4	WNW	4	7	7	1·120	▲ a. and p. ↙ ●² a. ↙² p.
13	29·800	·481	44·0	41·6	37·8	50·2	·214	·252	73	96	WNW	4	WNW	2	7	10	1·600	▲ before 9a. ↙² p.
14	28·734	29·643	46·6	39·0	37·8	55·2	·243	·189	77	81	W	8	NE	3	10	2	·510	↙² ● a. ▲ ● p.
15	29·942	30·171	34·6	35·4	32·3	43·3	·188	·167	94	80	NW	3	NW	1	10	0	—	✳ ↙ a. Fine p. Meteors seen.
16	30·342	·445	38·6	30·6	26·0	48·1	·168	·104	72	62	NW	2	NW	1	1	0	—	Fine, but cold.
17	·384	·364	40·2	33·9	26·0	49·5	·203	·186	82	96	WNW	1	NW	1	4	0	—	Fine, but cold.
18	·306	·288	41·4	39·6	32·0	50·4	·219	·218	85	90	ESE	2	ESE	3	2	4	—	Fine and warm a. Cold p.
19	·246	30·118	40·6	40·4	36·5	46·3	·199	·240	79	96	SE	4	SE	4	7	10	—	Fine and warm a.
20	30·002	29·828	41·9	40·3	38·9	45·4	·233	·238	89	96	SE	5	SE	3	7	0	·150	Fine, but cool.
21	29·731	·717	42·4	42·4	40·3	43·3	·247	·253	91	94	SE	5	SE	6	10	10	·570	Dull day. ↙ ● p.
22	·529	·383	42·4	43·6	42·4	43·8	·253	·272	94	96	SE	6	SE	6	10	10	·930	↙ ● a. Dull day.
23	·534	·653	43·9	40·6	39·3	45·1	·275	·234	96	93	SE	7	E	5	10	10	·080	Dull and cool.
24	·747	29·836	41·3	41·4	38·9	46·8	·246	·229	96	88	SE	4	SE	4	10	10	·020	Dull and damp.
25	29·922	30·061	41·6	37·9	36·4	43·1	·224	·200	86	88	ESE	4	SE	2	5	5	·015	
26	30·201	·334	39·9	37·1	36·2	43·1	·200	·199	82	90	E	3	SE	2	6	5	—	
27	·371	·352	37·4	37·6	33·8	42·3	·199	·208	90	92	E	2	E	1	8	10	—	Fine and mild a. Dull and cool p.
28	·256	·204	38·1	37·9	34·8	42·6	·198	·186	86	82	NW	1	SE	1	8	10	·040	✳ p.
29	·271	·380	36·4	32·9	31·8	39·5	·191	·168	90	90	NE	1	NE	1	5	5	—	✳ a.
30	·362	·334	35·1	32·4	29·0	40·0	·155	·143	75	78	NNE	1	NNE	1	8	5	—	Fine, but cold.
31	30·249	30·035	35·6	32·1	27·2	44·6	·154	·142	74	78	NW	1	NW	2	5	5	·120	Fine, but cool. ✳ Ψ p.
Means	30·064	30·072	42·8	40·1	36·1	47·7	·237	·223	85·3	88·6	3·2		2·5		7·4	6·1	6·035	

HILLINGTON, NORFOLK.

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

OCTOBER 1881.

Day.	Barometer at 32° and M. S. L. 9 a.m.	9 p.m.	Air Temperature. 9 a.m.	9 p.m.	Min.	Max.	Tension of Vapour. 9 a.m.	9 p.m.	Relative Humidity. 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	30·347	30·284	56·7	44·9	40·6	61·5	·346	·288	76	97	SE	2	SE	0·5	3	0	·006	☽ 9a. Very fine and sunny. ☽² 9p.
2	·230	·170	55·8	48·7	42·6	59·9	·331	·334	75	97	E	4	SE	1	0	7	·003	Very fine and sunny. ☽ 9p.
3	·225	·253	56·6	40·7	40·2	57·5	·348	·252	76	99	SE	2	E	0·5	7	2	—	Great visibility p. ☽².
4	·291	·230	51·3	41·9	39·7	55·4	·260	·257	69	97	NE	4	NE	0·5	4	2	·113	[●² 10.30 p. Ψ.
5	·213	·227	46·2	44·6	36·1	53·1	·255	·280	83	95	SE	3	NE	2	2	4	·258	●² early a. Fine and sunny. ☽ 9p.
6	·260	·394	51·2	49·4	43·9	52·5	·345	·258	92	73	NE	4	NNE	1	10	10	·007	●² early a. Gloomy all day.
7	·488	30·391	49·3	46·0	46·0	50·7	·284	·296	82	96	NNW	1	N	0·5	10	10	·082	Overcast all day.
8	30·140	29·988	47·9	42·9	42·8	52·9	·287	·274	87	99	NE	3	NE	0·5	9	6	·020	●² early a. ≋⁰ (mist) 9p.
9	29·785	·763	44·8	44·1	39·1	56·3	·295	·264	99	91	SW	1	WNW	2	10	2	·030	≋⁰ (mist) 9a. Very damp. Fine p.
10	·956	·791	44·7	50·2	38·0	54·2	·251	·334	85	93	SW	2	W	2	10	6	·003	
11	·662	·712	55·7	52·3	49·2	61·4	·385	·319	87	81	W	4	SW	3	10	7	—	Blustering day. Cloudy.
12	·779	·719	49·9	45·0	44·5	55·0	·285	·295	80	98	W	4	W	0·5	5	8	·106	
13	29·743	·611	47·8	43·1	41·5	52·9	·249	·271	75	97	SW	4	W	1	2	10	·705	Fine and sunny a. ●² p.
14	28·841	29·496	55·7	43·9	41·0	57·4	·311	·193	71	67	SW	9	W	7	6	0	—	↙² (tremendous gale) most intense, [4p.—6p., making terrible havoc [among the trees, especially oaks.
15	29·811	30·065	40·1	40·2	34·7	47·6	·212	·184	85	74	NW	3	W	3	8	0	—	↙ during day. ⌣ 9p.
16	30·318	·411	42·0	30·2	30·0	49·9	·209	·154	79	92	NW	4	W	3	3	0	·003	⌣ a. and p. Fine and sunny.
17	·411	·357	37·3	36·9	25·1	52·0	·191	·198	87	90	NE	0·5	SE	0·5	10	0	·002	⌣² before 9a. Very fine day.
18	·338	·257	45·2	39·9	31·9	53·6	·247	·221	83	91	SE	1	SE	0·5	0	6	—	⌣² a. Very fine and sunny.
19	·254	30·060	44·5	45·0	35·6	51·4	·213	·268	73	90	SE	3	SE	1	6	10	—	Very fine and sunny.
20	30·006	29·759	47·6	43·9	39·2	49·7	·252	·249	76	87	E	4	E	4	4	2	·006	Very fine and sunny.
21	29·695	·700	48·3	44·9	41·2	48·9	·275	·290	82	98	ESE	4	SE	3	10	10	·017	Overcast and cold.
22	·577	·398	47·2	46·9	44·1	47·4	·271	·297	84	93	E	4	ESE	5	10	10	·187	Overcast day. ●² 2.15 p.
23	·491	·603	46·9	44·4	43·8	48·2	·290	·276	91	95	E	5	ESE	3	10	10	·212	Overcast day. ●² 5p.
24	·704	·770	44·6	44·7	43·2	45·5	·271	·261	92	88	E	2	E	2	10	10	·060	Dull and damp.
25	29·839	29·933	45·1	42·7	36·2	49·6	·261	·232	87	85	ENE	3	ENE	3	7	4	·248	
26	30·111	30·215	45·6	39·4	38·2	49·7	·283	·226	93	95	NE	2	ENE	1	7	4	·088	⌒ 10a. and 2p.
27	·282	·256	42·1	39·5	36·3	47·4	·252	·240	94	99	NE	1	NE	1	6	5	·040	Fine p.
28	·172	·107	42·5	39·0	37·8	48·0	·224	·227	83	96	NW	2	N	0·5	7	3	·115	
29	·157	·262	39·5	37·0	33·1	43·9	·210	·214	87	97	NE	4	NE	3	6	4	·127	▲ ●² a.
30	·253	·242	38·2	36·1	33·8	45·0	·226	·204	98	96	NE	1	NE	0·5	4	9	·005	Very fine and sunny. ☽ 9p.
31	30·209	30·077	32·1	34·5	27·2	45·6	·156	·186	86	93	NE	0·5	NE	0·5	4	7	·002	⌣ a. and p. Very fine and sunny.
Means	30·019	30·016	46·6	42·7	38·6	51·7	·267	·253	83·8	91·6	2·9		1·8		6·5	5·4	2·445	

UPPINGHAM.

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

OCTOBER 1881.

1	30·354	30·291	51·9	43·0	42·9	61·7	·381	·266	99	96	E	2	ENE	1	7	0	—	[☽ 9p. ≋² 5a. ☽² a. Cloudy a. Bright p.
2	·238	·205	52·6	48·1	42·7	62·7	·323	·321	81	96	NE	2	NE	2	0	10	—	☽ ∞⁰ 7a. Day bright and warm. [with cold wind.
3	·212	·247	53·1	48·0	44·8	56·0	·334	·292	82	88	ESE	3	E by S	1	7	7	—	☽ a. Cloudy day, with cold wind.
4	·273	·264	52·0	40·8	39·9	54·8	·277	·237	72	94	ESE	4	E by N	2	2	9	·047	Cloudy a. Bright p., with keen wind.
5	·214	·306	43·5	36·7	36·0	51·8	·280	·185	99	85	NNE	3	N by E	1	5	0	·021	⌒ 9a. Bright and sunny p. ∞⁰
6	·301	·447	49·3	46·9	35·9	51·6	·336	·301	96	95	NNE	2	N by E	1	10	10	·010	[☽⁰ 9p.
7	·520	30·420	46·0	45·7	44·3	51·8	·269	·293	86	96	N	1	W by N	1	10	10	·268	Dark and gloomy all day. ≋⁰ p.
8	30·161	29·990	46·0	42·3	42·3	50·1	·292	·268	94	99	NNE	1	NE	1	8	1	·041	Day very cloudy.
9	29·813	·832	44·7	43·2	41·8	48·7	·286	·249	98	89	SW	1	WNW	3	10	10	·020	≋⁰ ☽ a. Bar. fell to 29.710. ∞ 9p.
10	·971	·900	45·0	50·1	38·3	55·9	·260	·308	87	85	W by S	3	SW	4	9	10	—	Cloudy day. Squally ↙ p.
11	·671	·724	55·1	50·4	49·1	59·3	·420	·325	96	90	WSW	3	W by N	3	9	4	·011	Threatening appearance a.
12	·728	·705	50·1	45·6	42·9	55·1	·285	·283	79	93	WSW	5	W	2	2	8	·011	Red dawn. Squally 9a. [11p.
13	29·781	·572	45·5	42·0	41·2	51·4	·241	·267	79	100	W by N	3	WSW	2	8	10	1·171	Gloomy p. ●² from 6p. Bar. 29·387
14	28·911	29·545	51·7	42·1	40·0	56·0	·278	·191	72	72	SW	10	NWb.W	7	9	3	·095	↙² ●² n.. a. and p. Heavy passing [clouds till 3p. Bar. 28·883 2p.
15	29·879	30·118	39·2	37·0	35·6	45·4	·216	·179	90	81	W by N	4	NWb.W	2	9	0	—	[Colder. Less wind after 6p. Gloomy a. ↙ (force 7). Bright p.
16	30·356	·408	38·8	36·2	32·7	48·7	·181	·171	78	80	NW	1	Calm	0	8	0	—	Very clear early a. ⌣ and thin ice [9a. Day bright. ∞⁰ 9p.
17	·399	·349	39·3	38·1	31·8	50·4	·200	·207	84	90	S by W	1	S by W	1	1	0	—	⌣ 6a. Bright day, with ∞⁰. ☽⁰
18	·317	·271	42·0	39·5	33·4	51·8	·223	·226	84	94	S by E	1	SEbyS	1	0	8	—	⌣ 7a. Bright day. [9p.
19	30·226	30·081	43·8	39·0	36·0	50·9	·213	·224	74	94	SEbyE	3	E by S	2	6	1	—	
20	29·959	29·768	44·3	40·8	38·4	51·3	·239	·236	81	93	E by S	5	NEb.E	3	1	4	·230	
21	·671	·686	43·1	43·8	39·1	45·3	·276	·269	99	95	ENE	1	ESE	1	10	10	·317	Gloomy 6a. ● all day. ≋² p.
22	·526	·339	44·2	45·8	43·0	45·8	·288	·303	99	99	SE	4	SE	3	10	10	·626	≋⁰ till 9a. Great gloom ●⁰ till 4p., [then ●² ≋.
23	·461	·573	46·0	43·3	43·2	47·5	·309	·278	99	99	E by N	3	E by N	2	10	10	·205	Dark and miserable. ●⁰ all day.
24	·690	·785	43·2	42·2	42·1	43·8	·275	·252	98	93	E by N	3	NEby E	2	10	10	·038	Scotch ≋⁰ a. Day dull and gloomy.
25	29·856	29·991	43·1	38·8	37·1	47·2	·258	·239	93	98	NE	2	N by E	1	5	8	·029	⌒ 9a. [with ≋⁰.
26	30·123	30·236	42·7	39·8	36·6	49·1	·252	·235	92	96	NEbyN	1	NNE	2	9	10	·160	
27	·300	·294	39·2	37·8	37·2	44·1	·234	·210	97	93	NEbyN	1	N by E	1	10	10	·032	Dull and gloomy a.
28	·215	·140	39·8	38·9	36·0	44·8	·191	·221	78	94	NNW	2	NNW	1	10	10	—	Day dull, and in p. gloomy.
29	·196	·207	35·3	32·9	32·8	44·2	·201	·177	97	94	N by E	2	NNE	1	2	3	·080	✳ and ✳ ● (sleet) showers all day.
30	·294	·280	34·5	34·0	30·2	41·9	·182	·174	91	88	N by E	1	NE	1	9	10	—	✳⁰ a.
31	30·222	30·069	36·6	31·8	31·8	44·4	·171	·160	79	90	N by E	1	S by E	1	1	10	—	∞ 9a. Day bright and clear. ⌣ [∞⁰ 9p.
Means	30·027	30·037	44·6	41·4	38·7	50·4	·264	·243	88·2	91·9	2·5		1·8		6·7	6·5	3·410	

CHURCHSTOKE.

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

OCTOBER 1881.

Day.	Barometer at 32° and M. S. L. 9 a.m.	9 p.m.	Air Temperature. 9 a.m.	9 p.m.	Min.	Max.	Tension of Vapour. 9 a.m.	9 p.m.	Relative Humidity. 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	30·360	30·292	42·4	43·7	35·2	58·1	·262	·266	97	93	Calm 0	N 0·5	6	0	·005	◗². ≋ on hills *a*. ◗ *p*.
2	·250	·215	48·1	45·9	37·2	58·1	·298	·299	89	98	NNW 1	N 0·5	4	0	—	◗². *a*. Day bright and clear.
3	·210	·240	48·3	47·1	42·8	58·0	·316	·267	94	83	Calm 0	SE 1	7	9	—	◗. ≋ on hills *a*. Breezy.
4	·266	·298	47·0	39·0	37·4	53·8	·267	·206	83	87	ESE 0·5	SE 0·5	4	0	—	◗ *a*. ⌣ *p*.
5	·274	·384	42·8	34·3	33·3	50·2	·234	·187	85	95	NNW 0·5	N 0·5	4	0	·005	Clear and cold.
6	·421	·501	44·2	47·1	32·2	51·7	·261	·293	90	91	NNW 1	Calm 0	10	10	—	Overcast day.
7	·541	·436	46·9	48·1	41·1	54·1	·290	·315	91	93	Calm 0	NNW 0·5	2	10	·404	
8	30·186	30·035	49·2	44·6	44·2	50·9	·345	·258	99	88	ENE 2	E 0·5	10	10	·014	
9	29·844	29·918	44·9	43·6	41·8	53·8	·270	·217	91	76	NNE 0·5	WNW 2	10	0	·007	
10	30·004	·884	50·1	52·7	38·1	54·3	·207	·313	82	79	WNW 2	WNW 3	9	10	·041	Threatening *a*. Breezy.
11	29·689	·790	54·7	49·9	49·1	59·5	·362	·263	85	74	WNW 2	NW 4	9	5	·120	Mild. ● ² showers.
12	·791	·752	48·7	47·6	46·1	54·5	·303	·290	89	89	NW 2	NW 2	10	5	·095	Fresh and bright.
13	29·844	·437	47·8	48·8	42·5	51·5	·222	·324	67	94	WNW 3	SSE 2	8	10	·839	● ² showers.
14	28·898	29·706	47·9	43·0	42·1	57·9	·331	·236	99	85	SW 10	WSW 4	10	1	·313	● ² ↗ ² *4a*.—Noon, doing much damage to trees, especially soft wood, poplars, &c.
15	29·959	30·237	39·6	36·1	34·4	43·9	·213	·188	88	89	W 4	WNW 0·5	3	0	·057	Showers of ● ✳. ⌣ *p*.
16	30·404	·402	38·4	35·1	28·8	50·7	·189	·181	82	88	Calm 0	Calm 0	5	0	—	⌣ *a*. Bright and clear.
17	·370	·291	42·0	39·8	29·4	52·6	·204	·207	77	85	SW 2	NE 4	5	0	—	⌣ *a*. Clear, fresh, and cold.
18	·234	·188	44·4	41·6	35·2	51·0	·220	·208	75	79	SE 3	ESE 5	1	2	—	
19	30·160	30·044	42·8	40·3	37·1	46·5	·194	·200	70	80	SE 5	ENE 4	5	8	—	Clear and bright. ↗ ² from E.
20	29·884	29·743	42·2	42·6	37·9	47·5	·204	·234	77	86	E 8	NE 6	8	10	·075	↗. Cool and dry.
21	·662	·606	43·6	44·8	41·9	45·3	·263	·273	93	92	ENE 2	NE 5	10	10	—	✳ *p*. Stormy.
22	·372	·215	46·7	46·8	43·0	47·0	·285	·307	90	96	E 8	SE 8	10	10	1·005	≋⁰ (mist) *9a*. and before. ● ² ↗ Dull and mild.
23	·375	·578	50·9	45·2	44·2	51·1	·373	·271	100	90	SE 1	ESE 5	10	10	—	[from E.
24	·671	29·791	43·8	42·9	42·1	45·6	·267	·243	94	88	ESE 4	SE 4	10	10	—	Threatening appearance *a*. Dull.
25	29·902	30·053	42·6	40·3	36·9	47·6	·238	·221	87	89	ENE 2	E 2	8	6	—	Breezy.
26	30·184	·292	40·6	40·8	36·9	44·2	·222	·216	83	85	ENE 2	NE 2	8	10	—	
27	·344	·352	38·4	39·0	36·6	43·3	·214	·215	93	91	NE 1	Calm 0	8	10	—	Dull and cool.
28	·291	·198	39·6	39·2	37·0	44·7	·209	·221	86	92	NW 1	SW 1	10	8	·039	✳ *p*.
29	·255	·381	34·7	34·9	32·1	42·2	·181	·168	91	82	NNE 2	NE 1	6	8	—	⌣ ✳. Storms of ▲.
30	·389	30·349	31·0	30·7	26·3	41·2	·158	·151	91	88	NE 1	Calm 0	8	8	—	⌣². Bright day.
31	30·225	29·944	32·9	35·8	23·5	44·0	·148	·158	79	75	Calm 0	SE 4	2	10	·105	⌣². Bright day.
Means	30·041	30·050	43·8	42·3	37·6	50·2	·253	·239	87·2	87·1	2·3	2·3	7·1	6·1	3·124	

GELDESTON.

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

OCTOBER 1881.

1	30·339	30·249	56·0	51·3	46·9	57·8	·315	·318	70	83	ENE 2	ENE 3	2	0	—	◗² *9a*. Brilliant day. ◗⁰ *9p*.
2	·217	·189	55·0	54·0	47·6	56·9	·262	·317	61	76	E 4	E 2	0	10	—	◗⁰ on grass *9a*. Brilliant till 3.30*p*.
3	·213	·227	54·1	49·2	48·3	54·9	·264	·298	64	86	E 2	ENE 1	9	10	—	Dull day. ◗⁰ *9p*.
4	·268	·207	52·1	44·0	43·2	52·3	·247	·224	64	77	E 5	NE 1	6	3	·260	✳⁰ ● ⁰ (sleet) *8a*. ↗ (force 6)
5	·193	·205	43·0	44·0	38·6	50·8	·217	·263	79	91	ESE 2	NW 3	3	9	·120	Wind N. *4p*. [Noon—1*p*. ● ▲⁰ *9p*.
6	·180	·353	52·0	50·0	42·4	52·8	·361	·291	93	81	NNE 2	N 4	10	10	·190	
7	·466	30·387	49·3	47·1	46·9	58·6	·271	·283	76	88	NW 1	WNW 1	10	10	·050	◗⁰ *11p*.
8	30·123	29·961	49·0	47·1	42·9	52·6	·296	·302	85	93	Calm 0	NE 1	8	10	·340	
9	29·776	·762	48·2	46·6	43·1	53·6	·320	·260	96	83	W 1	W 4	7	3	·010	◗⁰ *p*.
10	·968	·915	45·0	51·5	38·7	53·6	·247	·329	83	87	W 3	WSW 2	10	9	·010	◗² *9a*. Coloured ○ (22½° radius)
11	·703	·712	56·8	51·2	49·8	59·9	·375	·314	81	83	WSW 4	WSW 3	9	2	—	[from 10*a*. ◗⁰ *9p*.
12	·751	·683	49·1	49·1	45·1	54·9	·275	·297	78	85	WSW 4	W 4	10	10	·010	◗⁰ *9p*.
13	29·727	·707	48·2	45·1	43·5	53·7	·233	·276	69	92	W 5	WSW 2	0	10	·800	◗⁰ *9a*. Mare's tails *a*. ○⁰ *4p*. Dense [cir.-s. came on rapidly *4p*. ● *7p*. [Bar. fell fast.
14	28·922	·373	56·0	45·2	43·0	58·2	·304	·194	67	64	WSW 7	WNW 9	2	4	·010	Sudden ● squall 8.30*a*. ● ² ↗ ² all [day (force 11, *p*.) Bar. 28·840 *4p*. [*Much* damage to trees.
15	29·826	29·985	41·9	41·5	36·9	46·7	·207	·177	78	68	W 4	WNW 5	10	0	·010	↗ (force 6 WNW.) 5.25*p*.
16	30·265	30·386	43·1	36·1	35·8	51·7	·216	·196	78	92	NW 3	WNW 1	2	0	—	⌣⁰ on grass, ◗ *9p*.
17	·420	·376	40·4	40·0	30·0	52·6	·220	·215	88	87	Calm 0	E 1	0	0	·010	⌣ *8a*. ◗² ≋⁰ ⌣⁰ *9a*. ◗² *9p*.
18	·342	·284	39·1	47·9	30·4	52·6	·221	·229	93	69	Calm 0	ESE 3	8	10	—	≋⁰ *9a*.
19	30·249	30·076	46·2	47·0	43·1	50·1	·210	·273	68	85	E 3	E 2	8	10	·040	[all day.
20	29·981	29·780	47·1	47·3	44·5	48·8	·219	·250	68	77	E 4	E 5	2	0	—	↗ (force 7) at times. Passing clouds
21	·696	·714	49·6	47·2	46·8	49·8	·269	·278	76	86	ESE 6	E 4	10	10	—	Gloomy day. ● ⁰ ↗ (force 6).
22	·592	·428	48·0	48·9	46·9	48·9	·281	·299	85	86	E 6	ESE 7	10	10	·310	● ⁰ ↗ (force 7).
23	·505	·570	47·0	46·0	45·7	48·9	·296	·287	92	93	E 4	E 4	10	10	·240	
24	·695	·784	45·2	45·7	44·9	46·0	·273	·247	91	81	E 2	E 5	10	10	·060	
25	29·796	29·871	46·9	44·2	41·1	49·2	·232	·240	73	82	NE 2	NE 4	7	2	·180	Squalls *p*.
26	30·066	30·199	46·8	42·0	41·8	47·9	·235	·225	74	85	NE 2	ENE 1	3	0	·080	
27	·246	·236	43·1	39·1	38·5	47·5	·235	·202	84	85	NNE 1	NNE 1	9	2	·040	
28	·144	·075	43·8	40·0	35·9	49·7	·246	·226	86	92	NW 1	ENE 1	1	10	·170	[radius) *9a*. ▲ *a*. and *p*. Squalls *p*.
29	·116	·202	38·9	39·4	32·4	43·1	·202	·176	86	73	NNE 4	NE 3	7	8	·220	Coloured mock suns and ○ (of 46°
30	·221	·221	39·0	35·9	33·7	43·0	·201	·194	85	92	NE 3	W 1	10	10	·160	▲⁰ *a*. ✳⁰.
31	30·206	30·094	33·2	36·1	32·1	47·7	·184	·192	97	90	NW 1	E 1	9	8	·010	≋⁰ ◗² *9a*. ◗² *9p*.
Means	30·007	30·007	46·9	45·2	41·3	51·4	·256	·254	79·6	83·6	2·8	2·9	6·5	6·5	3·330	

CHELTENHAM.

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

OCTOBER 1881.

Day.	Barometer at 32° and M. S. L. 9 a.m.	9 p.m.	Air Temperature. 9 a.m.	9 p.m.	Min.	Max.	Tension of Vapour. 9 a.m.	9 p.m.	Relative Humidity. 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	30·333	30·257	49·1	40·8	37·1	60·6	·331	·239	95	95	W 1	SE 1	0	0	—	Very fine day.
2	·200	·171	49·1	48·0	33·7	60·0	·319	·269	91	80	NE 2	NE 1	5	0	—	Magnificent day.
3	·175	·208	48·8	51·0	38·5	59·2	·319	·275	93	74	NW 1	NE 1	9	9	—	Very fine day.
4	·250	·236	51·0	40·5	40·0	56·0	·275	·204	74	82	E 1	NE 1	8	0	—	Very fine day.
5	·234	·329	40·6	31·1	31·0	50·5	·251	·172	99	99	Calm 0	Calm 0	3	0	·040	Very fine day.
6	·358	·473	40·3	48·9	27·4	52·3	·245	·304	98	88	Calm 0	W 1	10	10	·010	≋⁰ *9a*. Dull day. ● at night.
7	·534	30·429	47·8	47·1	39·5	52·4	·301	·311	91	96	SE 1	NE 1	10	10	·510	Dull, with ●.
8	30·128	29·975	47·9	47·3	45·7	52·2	·331	·288	99	89	Calm 0	N 2	10	10	·020	
9	29·829	·912	46·2	47·0	41·6	54·0	·286	·258	93	80	S 1	W 1	10	4	·010	Gloomy *a*. Fine *p*.
10	30·036	·936	49·0	53·4	32·0	56·3	·267	·343	77	84	SW 4	W 2	10	8	—	Very fine day.
11	29·705	·810	57·4	51·0	50·5	60·6	·422	·309	90	83	SW 4	SW 1	10	0	·040	Very fine day.
12	·825	·746	52·6	52·0	47·2	55·2	·302	·305	76	79	SW 1	W 1	8	10	·010	Dull, with ● showers.
13	·853	·497	49·4	52·5	44·0	54·0	·243	·370	69	94	W 2	SW 2	6	10	·750	
14	·011	29·680	52·8	44·9	43·8	57·7	·269	·227	68	77	W 10	W 1	5	0	·010	Squally ↗ ² (a terrible tempest) till 5*p*.
15	29·962	30·189	42·5	30·2	30·0	46·0	·222	·157	83	94	NW 2	NW 1	6	0	—	▲⁰ *11a*.
16	30·399	·408	34·5	29·5	24·0	47·7	·179	·149	90	92	W 1	W 1	3	0	—	⌣ *a*. Very fine and bright.
17	·367	·322	42·2	40·8	26·5	52·0	·181	·197	69	77	SE 2	S 1	1	0	—	⌣ *a*. Very fine day.
18	·257	·191	43·8	42·6	35·6	52·0	·225	·220	77	82	SE 1	SE 1	0	0	—	Very fine day.
19	30·151	30·016	44·0	39·9	38·5	47·9	·204	·192	70	78	SE 3	SE 3	1	0	—	Fine and bright, but cold.
20	29·831	29·667	45·0	43·8	38·0	51·2	·226	·239	76	84	E 4	E 3	6	0	·070	Fine, bright, but windy.
21	·613	·596	45·6	46·8	42·0	48·2	·271	·285	89	89	SE 2	SE 3	10	10	—	
22	·346	·182	48·9	49·8	45·0	49·8	·299	·324	87	91	SE 5	SE 4	10	10	·400	Squally ↗ ² *a*. and *p*.
23	·359	·521	53·7	47·2	45·2	56·0	·384	·301	93	93	E 3	E 2	10	10	·030	Squally before *9a*.
24	·641	29·744	47·3	44·9	44·0	49·6	·272	·261	84	88	SE 2	SE 3	9	10	—	Very fine day.
25	29·831	30·003	43·8	40·4	34·1	49·2	·248	·226	87	91	N 1	N 1	6	10	·010	A beautiful autumnal day.
26	30·124	·235	42·6	41·8	39·0	47·4	·258	·230	94	87	N 1	N 1	10	0	·010	Very fine day.
27	·275	·303	41·6	37·8	35·5	44·8	·229	·198	88	87	NE 2	NE 1	10	0	—	Very fine day.
28	·242	·163	40·6	36·2	36·1	47·0	·203	·201	81	94	NW 1	N 1	10	10	—	Very fine day.
29	·177	·306	35·0	36·6	32·5	44·5	·186	·187	91	87	N 1	N 2	10	10	·010	✳⁰ *8a*. and in aft. ▲ ↗ *1p*.
30	·335	·300	31·6	30·0	22·8	42·8	·166	·145	93	86	W 1	Calm 0	7	0	—	⌣ *a*. Fine and bright. ≋ *p*.
31	30·215	30·003	31·7	37·0	21·5	43·0	·137	·181	76	82	Calm 0	SE 3	0	7	·060	≋⁰ ⌣ *a*. Very fine and bright. [Ψ Ψ ↗ ✳ at night.
Means	30·019	30·026	45·0	42·9	36·8	51·6	·260	·244	85·2	86·5	1·9	1·5	6·9	4·8	2·050	

CARMARTHEN.

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

OCTOBER 1881.

1	30·304	30·224	53·7	44·6	42·7	63·7	·328	·265	79	90	E 1	E 1	0	0	—	≋ before *9a*.
2	·193	·146	53·3	47·3	42·4	62·9	·292	·278	72	86	E 2	Calm 0	0	0	—	
3	·148	·181	54·4	46·2	41·7	61·8	·322	·285	76	92	E 2	N 2	0	0	—	
4	·213	·239	48·4	42·3	39·5	55·3	·286	·203	84	76	E 2	Calm 0	4	0	—	
5	·247	·356	46·2	42·1	32·5	54·5	·233	·214	76	81	SE 1	Calm 0	0	0	—	
6	·424	·495	43·7	51·2	29·5	55·6	·232	·340	81	91	Calm 0	Calm 0	8	10	—	
7	·540	·397	45·6	49·5	40·8	55·5	·279	·342	92	97	Calm 0	Calm 0	10	10	·310	
8	30·117	30·002	56·3	40·3	40·2	56·9	·421	·223	92	90	N 1	Calm 0	10	0	·100	
9	29·862	29·964	42·1	47·6	37·8	56·0	·266	·247	99	75	Calm 0	N 2	10	3	·020	
10	30·061	·918	48·1	53·9	40·2	56·6	·313	·360	93	86	W 1	SW 4	10	10	·130	
11	29·759	·884	56·4	49·5	49·4	60·4	·407	·286	90	81	W 1	W 2	8	2	—	
12	·862	·802	52·6	49·3	48·3	56·0	·328	·336	82	96	W 5	W 1	10	9	·060	
13	·888	·415	50·9	57·2	45·0	57·3	·284	·447	77	96	W 1	W 6	7	10	1·580	
14	29·092	29·824	52·3	46·4	45·0	58·0	·259	·235	67	76	SW 10	NW 2	8	3	·020	↗ ², great storm; many trees uprooted.
15	30·025	30 300	47·0	41·1	40·4	50·0	·230	·224	72	87	W 4	N 1	6	9	·030	
16	·389	·359	43·1	41·3	33·7	54·3	·224	·204	80	79	SE 1	E 1	1	0	—	
17	·322	·260	46·0	42·3	37·6	54·5	·251	·233	82	87	SE 2	Calm 0	9	0	—	
18	·163	30·068	50·6	44·1	40·8	54·8	·259	·224	70	77	SE 3	E 5	1	0	—	
19	30·021	29·882	46·8	42·3	41·6	50·7	·214	·201	67	75	SE 5	E 5	2	0	—	
20	29·717	·588	46·3	45·4	40·8	51·6	·198	·233	64	77	SE 5	E 4	6	10	·230	
21	·564	·439	45·3	48·2	42·2	50·3	·267	·293	89	88	E 2	E 5	10	10	·190	
22	·269	·040	49·4	54·7	48·0	55·1	·327	·399	93	93	E 5	E 5	10	10	·210	
23	·268	·441	57·0	48·5	48·2	61·8	·400	·292	86	87	SE 3	E 5	6	0	·020	
24	·547	29·648	48·0	45·8	45·4	49·6	·286	·289	86	94	SE 4	E 5	9	10	·070	
25	29·840	30·028	46·3	41·1	39·3	52·2	·223	·2 9	72	81	E 2	E 4	0	0	—	
26	30·132	·233	44·1	40·3	36·0	50·0	·224	·208	77	84	NE 2	E 2	4	0	—	
27	·295	·323	42·6	41·9	36·5	44·8	·222	·216	82	83	NE 2	Calm 0	10	10	—	
28	·295	·170	41·1	41·6	38·9	48·0	·222	·249	86	95	N 1	Calm 0	10	10	·050	
29	·219	·330	41·3	33·8	32·8	45·7	·186	·158	73	81	N 3	N 1	0	0	—	
30	·365	30·310	38·6	35·6	28·8	44·1	·226	·141	97	73	NE 1	N 2	0	9	—	
31	30·204	29·829	31·3	41·1	26·5	42·7	·133	·202	75	79	E 1	SE 5	0	10	·420	
Means	30·011	30·003	47·4	45·0	39·8	53·9	·269	·260	81·0	84·9	2·4	2·3	5·5	4·7	3·440	

MARLBOROUGH.

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

OCTOBER 1881.

Day.	Barometer at 32° and M. S. L. 9 a.m.	9 p.m.	Air Temperature. 9 a.m.	9 p.m.	Min.	Max.	Tension of Vapour. 9 a.m.	9 p.m.	Relative Humidity. 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	30·324	30·250	51·6	46·7	38·7	60·3	·335	·272	88	86	Calm 0	Calm 0	2	0	—	≋² before 9a. ≋ 9a.
2	·189	·176	51·6	46·6	41·3	60·0	·289	·233	76	74	E 1	Calm 0	0	0	—	
3	·178	·213	51·2	44·7	37·1	58·4	·309	·259	83	88	E 1	Calm 0	1	0	—	≋ before 9a.
4	·229	·226	48·9	39·7	36·2	55·0	·279	·186	81	76	E 1	E 1	10	0	—	≋⁰ (mist) before 9a.
5	·225	·341	41·2	32·8	32·1	49·3	·228	·171	89	92	Calm 0	Calm 0	2	0	—	
6	·353	·471	41·9	47·6	30·2	54·1	·239	·305	91	93	N 1	Calm 0	10	10	·010	≋⁰ (mist) 9a.
7	·544	30·445	46·8	45·7	45·2	52·1	·267	·280	84	92	N 2	Calm 0	10	10	·380	
8	30·133	29·954	47·5	44·7	43·3	51·9	·316	·268	97	91	Calm 0	NE 1	10	10	·020	≋² 9a.
9	29·866	29·933	45·7	44·5	42·8	52·2	·280	·294	92	100	Calm 0	Calm 0	10	5	—	≋⁰ (mist) a. and p.
10	30·081	30·000	47·7	49·7	36·0	58·0	·285	·328	83	92	W 1	SW 2	10	10	·010	
11	29·766	29·845	56·6	48·7	48·2	58·3	·400	·316	87	92	SW 1	SW 1	10	1	·010	
12	·863	·797	51·8	50·1	43·4	56·5	·305	·335	79	93	W 1	Calm 0	10	10	—	
13	·892	·582	49·5	52·3	42·0	54·7	·246	·375	70	96	W 2	SW 2	3	10	·310	
14	·118	29·720	52·5	43·7	43·3	54·0	·278	·211	71	74	W 2	W 2	9	0	·030	⸝ (gale).
15	29·980	30·209	44·7	35·3	33·1	50·1	·214	·176	73	86	W 1	W 1	0	0	—	▲⁰ 11.30a.
16	30·401	·439	39·9	30·9	28·0	51·8	·193	·162	79	95	Calm 0	Calm 0	1	0	—	
17	·417	·355	35·7	57·5	25·4	53·1	·156	·199	74	89	Calm 0	Calm 0	0	0	—	
18	·273	·206	43·4	39·9	31·0	51·1	·220	·212	78	87	ESE 1	SE 1	0	0	—	
19	30·164	30·010	40·9	37·7	35·1	47·9	·195	·191	77	84	ESE 1	ESE 1	1	0	—	
20	29·818	29·646	43·6	43·6	36·3	49·2	·212	·221	75	78	E 3	E 2	6	10	·040	
21	·633	·608	42·8	45·1	41·5	46·2	·271	·288	99	96	E 1	E 1	10	10	·010	≋ all day.
22	·364	·209	47·3	49·1	45·1	49·1	·306	·342	95	98	ESE 3	E 2	10	10	·420	
23	·379	·515	53·8	48·0	48·0	55·6	·388	·328	93	98	Calm 0	E 1	10	10	·010	≋ increasing all day.
24	·628	·723	46·7	44·5	44·4	48·1	·315	·266	99	91	E 1	E 2	10	10	—	≋ before 9a.
25	29·820	29·968	41·6	39·7	37·2	49·3	·224	·224	86	92	NE 1	Calm 0	1	9	—	
26	30·100	30·212	42·8	39·5	37·1	48·2	·248	·222	91	92	E 2	E 1	9	0	—	
27	·263	·284	40·1	39·6	37·2	45·7	·219	·204	89	84	E 1	Calm 0	10	3	—	
28	·269	·172	38·6	39·3	32·9	44·4	·216	·208	93	88	Calm 0	N 1	10	10	—	≋ 9a. and before.
29	·174	·270	36·0	34·5	34·4	42·9	·188	·185	89	93	Calm 0	E 1	10	10	—	≋⁰ (mist) 9a.
30	·307	·309	32·8	29·6	28·2	42·1	·145	·164	78	100	E 1	Calm 0	0	8	—	
31	30·245	30·036	26·0	36·8	21·3	43·2	·134	·179	95	82	Calm 0	S 1	0	10	·010	≋ 9a.
Means	30·032	30·036	44·6	42·2	37·3	51·4	·255	·245	85·0	89·4	0·9	0·8	6·0	5·4	1·260	

STRATHFIELD TURGISS.

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

OCTOBER 1881.

1	30·317	30·241	55·6	45·3	41·5	61·0	·389	·272	88	90	S 1	NE 2	3	0	—	≋ 9a.
2	·196	·168	54·5	43·1	35·1	59·9	·333	·247	79	89	NE 3	NE 2	0	0	—	
3	·171	·200	53·7	44·2	35·0	61·0	·321	·258	77	89	NE 2	SE 2	5	3	—	Squally p.
4	·226	·202	50·8	37·8	37·7	53·9	·298	·194	80	86	E 3	NE 1	10	0	—	Squally ⸝ p.
5	·202	·316	46·3	33·4	29·0	51·0	·252	·182	81	96	N 2	NE 1	0	0	—	≋ 9p.
6	·315	·432	44·2	49·0	30·2	54·3	·263	·304	91	88	NW 3	N 1	10	10	—	
7	·522	30·440	49·3	44·7	44·7	53·8	·285	·277	82	93	N 2	NE 1	9	10	·314	
8	30·134	29·911	46·6	44·8	43·3	53·0	·305	·260	97	88	E 1	NE 3	10	6	·053	⸝ p.
9	29·873	29·920	45·7	47·2	43·7	52·7	·286	·271	94	84	W 1	SW 2	10	8	·005	
10	30·077	30·012	48·4	50·8	36·0	58·0	·268	·333	79	89	SW 3	S 2	7	10	·015	○ 9a. Squally ⸝ p.
11	29·782	29·824	56·9	51·3	50·4	63·1	·421	·325	91	86	W 4	W 1	9	4	—	Squally a. and p.
12	·975	·787	52·9	52·1	44·2	58·7	·318	·360	80	92	SW 3	W 3	8	10	—	Squally p.
13	·885	·634	52·1	52·1	41·8	55·8	·269	·375	70	96	W 3	W 2	1	10	·333	
14	·132	29·682	52·4	45·3	39·0	58·6	·283	·219	72	73	W 4–6	W 5–3	9	0	·025	Squally ⸝ a. and p.
15	29·969	30·177	46·6	37·8	36·9	51·6	·223	·184	70	81	NW 3	NW 1	3	0	—	Squally ⸝ a.
16	30·384	·419	42·4	31·4	28·9	51·8	·209	·160	78	91	NW 2	N 1	0	0	—	
17	·415	·356	37·0	33·8	23·2	53·5	·163	·184	70	94	NW 1	W 1	0	0	—	⊔ 9a.
18	·300	·206	45·3	41·4	26·9	52·9	·219	·218	73	84	S 3	E 1	0	0	—	⊔ 9a.
19	30·176	30·018	45·6	40·0	34·9	50·6	·204	·203	67	82	E 3	E 3	0	3	—	Squally ⸝ p.
20	29·848	29·658	47·4	46·0	35·7	52·9	·221	·224	68	73	E 3–4	SE 4–3	4	10	·058	Squally ⸝ a. and p.
21	·641	·625	44·5	46·2	42·0	48·2	·270	·299	93	96	SE 1	E 1	10	10	·006	≋ 9a.
22	·411	·239	48·3	50·3	45·2	50·3	·308	·349	92	96	E 3	SE 2	10	10	·777	Squally 9a. and before.
23	·399	·509	54·8	49·2	48·6	56·0	·418	·338	97	97	S 1	SE 2	10	10	·110	≋ a. and p.
24	·642	·714	47·8	46·0	44·8	50·7	·317	·277	95	90	E 1	E 3	10	10	—	≋ 9a.
25	29·792	29·933	46·3	40·3	37·8	52·7	·242	·223	78	90	NE 3	NE 2	1	0	—	Squally p.
26	30·074	30·199	47·3	39·8	35·2	52·5	·256	·217	79	89	NE 3	NE 2	2	4	—	
27	·247	·257	42·0	40·8	33·0	47·7	·218	·214	83	84	NE 3	N 2	6	8	—	
28	·248	·152	41·6	41·9	33·9	46·6	·206	·230	79	87	N 1	NW 1	9	10	—	
29	·163	·259	37·4	35·3	34·8	46·3	·188	·180	85	88	NE 1	NW 2	10	0	—	
30	·271	·269	36·4	32·3	28·3	46·5	·177	·165	83	91	N 2	N 1	0	0	—	
31	30·253	30·064	34·2	36·7	22·0	44·8	·167	·172	84	79	NE 0–1	E 3	0	3	—	⊔ 9a. ▯ 9p.
Means	30·034	30·027	46·9	42·9	36·9	53·2	·267	·249	81·8	88·1	2·3	1·9	5·4	4·8	1·696	

RAMSGATE.

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

OCTOBER 1881.

Day.	Barometer at 32° and M. S. L. 9 a.m.	9 p.m.	Air Temperature. 9 a.m.	9 p.m.	Min.	Max.	Tension of Vapour. 9 a.m.	9 p.m.	Relative Humidity. 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	30·316	30·223	56·2	54·2	50·1	60·3	·413	·406	91	97	E 3	E 4	0	0	—	Very chilly wind.
2	·195	·151	53·2	54·2	51·0	58·5	·338	·388	83	93	E 3	E 4	2	0	—	Fine, but chilly.
3	·186	·228	55·2	53·8	51·5	58·4	·397	·394	91	95	E 2	NE 3	2	9	—	Chilly, but bright and clear.
4	·219	·173	53·6	47·5	47·0	56·3	·377	·292	95	90	E 5	E 5	5	5	·330	Chilly all day. Squally p.
5	·180	·232	41·0	45·5	41·0	52·2	·235	·233	92	77	SW 1	N 4	8	8	·010	
6	·187	·403	48·2	50·1	43·5	53·2	·324	·344	97	95	NW 2	E 5	10	10	·340	
7	·464	30·359	53·0	49·5	49·5	58·5	·321	·290	79	82	N 4	N 2	5	10	·030	
8	30·199	29·873	46·5	50·0	45·5	50·7	·280	·307	90	85	Calm 0	SW 4	10	10	·900	≋ a. ● ² all day.
9	29·767	29·900	47·0	46·0	45·8	51·4	·309	·287	97	93	W 3	SW 1	10	9	—	
10	30·064	30·003	49·0	51·0	41·5	51·0	·275	·339	79	91	SW 4	SW 3	10	10	·010	
11	29·759	29·796	56·2	53·0	50·5	61·7	·410	·358	91	89	SW 5	SW 3	10	5	·060	
12	·865	·786	50·5	51·5	45·5	56·2	·313	·339	86	89	SW 4	SW 5	10	8	·010	Very chilly.
13	·784	·689	50·0	48·2	45·2	52·2	·275	·305	77	91	W 6	SW 5	8	10	·280	Squally p.
14	·152	29·680	57·8	47·0	46·8	57·8	·378	·249	79	78	SW 10	SW 11	8	0	·010	● ² early a. Squally ⸝ ² through day, [increasing p.
15	29·874	30·086	45·0	40·8	40·0	53·2	·231	·221	77	88	W 4	SW 5	0	0	·050	Squally before 9a. ▲ 0.30p. Fine with [⸝ p.
16	30·275	·506	42·5	38·0	38·0	50·2	·220	·207	82	90	NW 2	Calm 0	2	0	—	
17	·395	·375	44·5	48·0	36·5	53·2	·235	·243	80	73	Calm 0	SW 1	0	0	—	Very fine. ⊔ on ground.
18	·300	30·187	48·9	47·1	46·4	52·6	·240	·232	70	72	E 3	SW 3	0	4	—	Fine and clear.
19	30·209	29·999	46·2	47·5	43·5	50·7	·208	·253	67	77	E 4	NE 5	4	10	—	Cold.
20	29·895	·709	46·9	49·2	43·9	50·7	·255	·252	80	72	E 5	NW 6	3	10	·440	Fine a. ⸝ at noon, increasing. ● n.
21	·603	·683	45·5	47·0	44·5	50·7	·293	·309	97	97	E 1	NE 1	10	10	·010	≋ ●⁰ a.
22	·476	·365	48·9	49·9	46·0	50·2	·303	·333	88	93	E 5	SW 6	10	10	·700	Bitter ⸝ a., then ●⁰. ● ² ⸝ noon.
23	·396	·601	49·3	50·5	49·3	51·1	·339	·352	97	96	NE 3	NE 1	10	10	·260	
24	·709	·722	48·5	45·8	45·5	51·2	·313	·267	93	87	NE 2	NE 4	10	10	—	≋² a.
25	·810	29·854	46·9	45·5	43·5	51·2	·252	·278	79	92	N 4	NE 5	8	7	·320	Squally ⸝ a. and p. Fine a. ● ² p.
26	29·983	30·170	46·5	44·5	43·5	49·4	·264	·229	84	78	NE 4	N 6	9	10	·040	Squally p.
27	30·213	·207	44·8	44·5	42·5	46·2	·214	·202	72	69	E 5	E 4	10	4	·100	Cold and gloomy.
28	·116	·071	44·0	44·0	41·5	44·5	·254	·254	88	88	NW 5	SW 4	1	10	—	
29	·077	·093	38·9	40·5	37·5	45·2	·218	·203	93	81	E 2	SW 6	10	7	·740	● ² a. ▲ ✳ ● (sleet) p.
30	·185	·227	40·5	36·5	36·0	41·2	·221	·186	88	87	N 4	Calm 0	8	9	·630	● ² ▲ ² ⸝ early a. ● ▲ ² 10a. and [at intervals through day.
31	30·202	30·106	38·0	38·0	33·5	44·2	·208	·173	91	75	Calm 0	SW 1	9	4	·010	
Means	30·002	30·015	47·8	47·1	44·1	52·1	·288	·281	85·6	85·8	3·4	3·8	6·5	6·7	5·280	

SOUTHAMPTON.

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

OCTOBER 1881.

1	30·300	30·207	54·1	48·6	45·2	64·1	·351	·292	84	86	NE 2	NE 3·5	1	0	—	≋ before 9a. ⸝² 9a. ⸝ 9p.
2	·176	·126	54·8	47·9	41·9	63·3	·321	·282	75	86	NE 2	NE 2	0	0	—	⸝⸝ a. and p.
3	·152	·177	53·4	47·2	41·2	61·8	·316	·285	77	89	NE 3	NE 3	0	0	—	⸝⸝ a. and p.
4	·201	·192	50·9	40·7	40·5	57·2	·295	·202	80	80	NE 3	NE 2·5	9	1	—	
5	·216	·311	44·9	39·6	34·0	52·6	·236	·221	80	91	NE 2·5	NE 1·5	1	0	—	⸝ a. and p.
6	·320	·434	43·4	50·0	34·1	56·7	·245	·307	87	85	NNW 4	N 4	10	10	—	
7	·521	30·424	51·5	46·1	46·1	56·6	·267	·279	71	90	NE 3	NE 1·5	2	10	·225	
8	30·127	29·895	47·0	46·8	45·3	49·9	·318	·273	91	86	SW 1·5	N 4	10	10	·045	≋ a.
9	29·877	29·939	48·6	48·5	44·0	55·1	·299	·280	88	83	NW 1·5	NW 3	9	10	·003	
10	30·102	30·010	47·0	52·0	38·0	57·6	·275	·318	86	90	SW 1	SW 3·5	9	10	·070	⸝ 9a.
11	29·814	29·855	57·9	52·0	51·3	62·3	·441	·338	92	87	SW 3·5	SW 2·5	10	5	—	
12	·904	·797	53·3	53·7	47·1	58·9	·321	·384	79	93	W 2·5	SW 3	10	10	·007	
13	·921	·624	51·0	55·5	45·2	56·8	·268	·429	72	98	W 3	SW 5	4	10	·418	⸝ 9a. ● from 6.30p. [showers.
14	29·222	29·751	57·0	47·1	47·0	58·4	·291	·238	63	74	W 7	NW 3·5	9	0	·010	⸝² (force 8 to 10) during day. ●⁰
15	30·015	30·195	49·0	36·7	36·4	52·7	·228	·189	65	87	W 3·5	NW 1·5	0	0	·048	Heavy squalls with ● ▲ 0.45p. ⸝
16	·412	·429	42·3	37·0	32·6	53·2	·201	·200	75	91	W 2	Calm 0	0	0	—	⊔ a. ≋ at night. [at night.
17	·409	·320	45·9	41·7	29·4	55·7	·226	·228	74	87	NE 1	Calm 0	1	0	—	⊔ a. ⸝ at night.
18	·275	30·173	50·0	43·4	37·3	52·6	·228	·230	64	81	SE 5	E 4	0	0	—	[during the day.
19	30·135	29·953	44·7	42·7	37·9	50·2	·209	·214	71	79	E 2·5	E 4·5	4	5	—	⸝ 9a. and before. ⸝ (force 6)
20	29·801	·590	43·9	46·7	39·1	52·3	·219	·232	76	74	E 5·5	E 5·5	7	10	·030	⸝ (force 5) dnring the day.
21	·609	·577	46·4	48·7	43·9	51·0	·289	·319	92	93	NE 2	E 3·5	10	9	·058	
22	·324	·187	50·7	54·2	48·2	54·4	·345	·403	93	96	SE 6	SE 4	10	10	·485	⸝ ● a. and p.
23	·374	·490	54·6	53·1	51·5	63·2	·407	·393	94	97	SE 1	NE 2	10	10	·105	⸝ 9p. ● 10p.—Midt.
24	·600	·682	50·9	47·6	47·3	53·6	·349	·295	94	90	ENE 2·5	NE 4·5	10	10	—	
25	29·797	29·919	45·6	41·0	40·5	51·5	·234	·231	77	90	NE 2	N 3	1	0	·002	⸝ 9p.
26	30·073	30·182	44·7	41·2	37·9	51·4	·259	·235	88	92	NE 3	NE 2	4	8	—	⸝ a. ⸝⁰ on grass p.
27	·230	·242	41·5	41·6	38·0	46·7	·227	·233	87	89	NE 2	NE 2	10	10	—	
28	·239	·143	41·1	39·3	36·4	44·9	·214	·209	83	88	NNW 2	NW 2	9	10	—	
29	·139	·214	39·1	37·7	36·2	45·3	·198	·195	83	86	NNE 3·5	NE 3·5	9	10	—	
30	·270	·271	36·8	34·7	30·7	45·4	·169	·170	77	84	NNE 4	NNE 1	0	0	—	⊔ a.
31	30·238	30·035	32·2	41·1	25·8	47·4	·160	·179	88	70	Calm 0	SE 4	0	10	—	⊔² ≋⁰ a.
Means	30·026	30·011	47·6	45·3	40·3	54·3	·271	·268	81·1	86·8	2·8	2·9	5·5	5·7	1·506	

ST. LEONARDS.

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

OCTOBER 1881.

Day.	Barometer at 32° and M. S. L. 9 a.m.	9 p.m.	Air Temperature. 9 a.m.	9 p.m.	Min.	Max.	Tension of Vapour. 9 a.m.	9 p.m.	Relative Humidity. 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	30·278	30·194	58·0	47·7	47·2	63·0	·330	·281	69	85	ENE 3	NE 4	0	0	—	Very fine day.
2	·154	·135	57·3	48·5	44·8	60·0	·329	·292	70	86	ENE 3	NE 3	1	1	—	Very fine day.
3	·146	·182	54·1	48·4	46·0	60·0	·289	·298	70	88	E 4	NE 3	0	4	·010	☂, force 5 at times.
4	·204	·157	48·5	46·2	44·5	56·7	·272	·216	80	70	E 4	NE 5	9	3	·010	Squally *a*.
5	·177	·274	44·4	41·5	40·3	50·1	·244	·209	84	80	N 3	N 2	8	5	·041	
6	·248	·387	45·6	48·2	35·1	53·0	·263	·288	86	86	NNW 4	N 5	10	6	·010	✳ ● (sleet) 5*a*.
7	·479	30·416	52·4	47·7	44·8	59·7	·283	·261	72	80	NNE 5	NNE 3	7	10	·045	Cloudy all day.
8	30·147	29·804	45·9	48·7	44·1	50·9	·290	·326	95	95	Calm 0	E 7	10	10	1·643	↖ ● 1.50*p*. ☂ (fresh gale) after 5*p*. Squally 9*p*.
9	29·845	29·900	47·7	46·6	43·3	53·9	·307	·308	93	97	NW 2	W 1	2	9	·011	Cloudy all day.
10	30·096	30·045	46·5	53·5	38·7	55·9	·261	·367	83	89	WNW 3	WSW 2	10	9	·021	Overcast.
11	29·847	29·854	55·0	51·7	51·7	57·6	·427	·329	99	86	WSW 5	W 3	10	5	·031	☂ in past *n*.
12	·913	·818	52·0	54·1	44·7	57·1	·313	·379	81	90	WSW 3	WSW 4	9	9	—	Overcast.
13	·891	·732	51·8	52·9	44·4	55·0	·277	·387	72	97	W 3	SW 6	3	10	·240	Squally 9*p*. ☂ (fresh gale) after 9.30*p*.
14	·212	29·671	56·6	46·8	46·8	57·9	·350	·243	76	77	W 9	NW 4	7	2	—	● *n*. ☂² (force 10 at times) all past *n*. and till 6*p*.
15	29·971	30·155	45·8	37·0	37·0	50·8	·229	·191	75	87	WNW 3	NNW 2	1	0	·043	Shower of ● and ✳ ● (sleet) 2*p*.
16	30·373	·435	42·0	41·7	32·6	50·9	·200	·196	76	74	NW 1	NW 1	0	0	—	Fine till 3*p*.
17	·445	·380	50·5	48·9	39·1	54·5	·218	·240	60	69	Calm 0	S 3	0	0	—	≋ or ∞ early *a*. Very fine day.
18	·332	·241	50·1	47·0	46·0	52·0	·216	·225	61	71	ESE 3	ESE 5	0	0	—	Very fine day. ☂ (force 6) after 9*p*.
19	30·191	30·015	47·0	46·7	44·2	50·0	·207	·228	65	73	ESE 5	E 6	1	8	—	☂ *n*. and during day, reaching gale [force after 9*p*. Fine till 3*p*.
20	29·863	29·651	45·3	46·6	42·6	50·8	·225	·218	74	69	E 6	E 4	4	10	·112	● ☂ (gale) in past *n*.
21	·637	·651	46·8	49·6	44·9	49·9	·309	·322	96	91	NE 1	ESE 2	10	10	·015	≋⁰ early *a*. ≋ ●⁰ all day.
22	·464	·318	50·6	52·6	49·0	52·8	·311	·367	84	93	ESE 6	SE 4	10	10	·446	☂ (moderate gale) 11*a*.—1*p*. Overcast
23	·428	·524	53·6	52·0	52·0	56·0	·392	·377	95	97	ESE 1	Calm 0	10	10	·029	≋ early *a*. Overcast all day. [all day.
24	·625	·703	50·7	46·4	46·4	52·0	·358	·287	96	91	NE 1	ENE 3	10	10	—	≋ all day. Gloomy and overcast.
25	29·753	29·863	45·9	42·6	41·6	52·1	·238	·233	77	86	ENE 2	NE 4	2	0	·050	✳⁰ ●⁰ (sleet) in afternoon.
26	30·024	30·167	46·1	42·5	41·0	50·4	·275	·241	89	89	NNE 4	NE 2	3	6	·149	
27	·205	·218	42·5	43·3	40·6	45·5	·217	·181	81	64	NNE 1	NE 2	10	9	·033	Overcast all day.
28	·197	·113	41·7	42·6	38·5	48·5	·217	·214	83	79	N 2	NNW 2	2	10	—	
29	·087	·169	38·6	36·7	35·8	43·1	·194	·202	83	93	N 5	NE 3	1	5	·289	Occasional ●⁰ ▲.
30	·204	·237	33·7	36·6	33·4	41·9	·186	·203	95	94	N 3	NNE 2	10	5	·137	✳ *a*. ● and ✳ ● (sleet) [showers all day.
31	30·223	30·096	40·7	38·7	32·2	46·2	·200	·157	79	67	NNE 1	E 3	2	2	—	
Means	30·021	30·016	48·0	46·3	42·4	52·8	·272	·267	80·6	83·6	3·1	3·2	5·2	5·7	3·365	

DARTMOOR.

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

OCTOBER 1881.

1	30·280	30·247	47·4	44·3	41·0	53·0	·323	·262	98	90	NE 2	E 2	10	0	—	≋ 9*a*. and before.
2	·185	·141	41·9	43·5	38·0	51·0	·226	·249	86	88	E 4	E 2	3	0	—	
3	·127	·161	47·2	45·2	40·0	51·9	·277	·238	86	79	E 3	E 4	4	3	—	
4	·171	·160	46·5	42·0	39·0	51·0	·226	·206	72	78	ESE 2	E 6	6	2	—	
5	·245	·361	43·5	39·2	30·0	49·0	·219	·148	78	62	NE 3	E 1	1	0	—	
6	·402	·512	44·2	45·0	32·0	49·5	·231	·287	80	96	E 4	E 1	2	10	—	
7	·562	·430	43·5	49·0	42·0	54·0	·260	·348	92	100	SE 1	SE 2	3	10	·540	
8	30·148	·033	50·5	40·1	38·6	52·2	·367	·209	100	85	SW 2	NE 1	10	0	—	
9	29·928	·042	44·8	42·0	37·0	48·0	·278	·245	94	92	W 2	NW 1	10	4	·210	
10	30·145	30·042	46·9	47·5	40·0	51·0	·280	·329	88	100	SW 1	SW 2	10	10	·270	≋ 9*p*.
11	29·851	29·968	51·9	47·0	43·0	54·0	·386	·275	100	86	SW 3	NW 3	10	4	·020	
12	·958	·860	49·5	50·0	44·0	51·0	·316	·361	90	100	WNW 4	SW 2	10	10	·670	
13	·957	·620	47·9	53·0	42·0	53·0	·265	·403	80	100	NW 1	W 6	8	10	·970	≋ 9*p*.
14	29·328	29·833	47·2	43·0	41·0	54·0	·273	·234	85	84	WNW 8	WNW 2	10	10	·070	≋ *p*.
15	30·088	30·268	41·2	40·0	39·0	48·0	·214	·188	83	76	WNW 3	NW 2	3	5	—	
16	·419	·364	37·9	41·4	33·2	48·3	·174	·212	76	82	SE 2	SE 1	0	0	—	
17	·344	·240	41·0	48·9	36·0	48·0	·216	·234	84	89	SE 2	E 3	3	0	—	
18	30·170	30·075	41·2	43·5	37·0	47·0	·218	·239	85	85	E 4	E 5	1	2	—	
19	29·988	29·846	42·2	42·9	40·0	44·0	·186	·214	71	78	E 6	E 7	7	10	—	
20	·634	·587	43·0	42·0	40·0	43·0	·234	·267	84	100	E 6	SE 5	10	10	·470	
21	·561	·422	45·2	48·5	40·0	51·0	·302	·342	100	100	Calm 0	E 3	10	10	1·350	≋ 9*a*. and 9*p*.
22	·177	·053	49·0	51·0	47·0	52·0	·348	·374	100	100	SE 2	SE 2	10	10	·650	
23	·287	·415	51·9	51·0	49·0	54·0	·352	·361	91	97	SE 3	SE 1	10	10	1·530	
24	·518	·634	50·5	47·5	47·0	53·0	·367	·329	100	100	SE 2	SE 2	10	10	·610	
25	29·780	29·971	39·3	36·0	36·0	48·0	·224	·212	94	100	ENE 5	NE 4	4	0	—	
26	30·085	30·154	38·2	36·2	32·0	44·0	·210	·189	92	89	E 6	E 5	8	0	—	
27	·228	·272	36·5	37·0	34·0	43·0	·186	·182	87	83	E 6	E 5	4	10	—	
28	·289	·240	37·0	37·0	32·0	40·0	·165	·182	75	83	E 2	Calm 0	8	10	·030	
29	·193	·271	34·2	33·0	30·0	39·0	·173	·188	87	100	E 1	E 4	6	0	—	
30	·321	30·324	31·5	28·0	27·0	37·0	·165	·122	94	80	NE 1	Calm 0	0	0	—	
31	30·241	29·939	31·0	38·0	25·0	40·0	·137	·190	79	83	E 1	S 4	10	10	·650	
Means	30·020	30·017	43·3	42·8	37·8	48·4	·252	·252	87·5	89·2	3·0	2·8	6·5	5·5	8·040	

BABBACOMBE.

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

OCTOBER 1881.

Day.	Barometer at 32° and M. S. L. 9 a.m.	9 p.m.	Air Temperature. 9 a.m.	9 p.m.	Min.	Max.	Tension of Vapour. 9 a.m.	9 p.m.	Relative Humidity. 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	30·271	30·206	53·2	51·9	48·8	58·4	·364	·324	90	84	ENE 3	NE 2	8	0	—	☾ ≋⁰ (mist) *a*. and *p*. ☾² 6*p*.— [10*p*.
2	·157	·112	52·2	54·6	46·3	56·9	·312	·288	80	68	ENE 3	ENE 5	2	1	—	☾ ≋⁰ (mist) *a*. and *p*. Fine day.
3	·136	·141	49·8	53·8	47·2	56·9	·305	·301	85	72	NE 3	E 4	9	6	—	≋⁰ (mist) *a*. and *p*.
4	·161	·165	52·7	47·3	47·2	54·7	·242	·209	62	65	E 5	ENE 5	10	1	—	Squally *p*.
5	·229	·331	47·8	45·5	36·9	54·2	·245	·234	74	78	NNE 2	N 2	1	0	—	Squally before 9*a*.
6	·411	·474	49·8	52·0	35·6	55·2	·244	·307	69	79	NNW 3	N 2	4	10	—	☾ in past *n*. [*p*.
7	·539	30·449	51·0	46·0	46·0	53·5	·271	·268	73	87	NE 2	NNW 1	6	9	·100	☾ in past *n*. ☾⁰ after 8*p*. ≋⁰ (mist)
8	30·127	29·986	50·8	44·6	44·0	55·7	·356	·234	95	79	W 3	NNW 3	10	0	·040	≋⁰ (mist) ☾ *a*. and *p*. ≋ 11.30*a*.
9	29·903	30·020	46·6	44·6	41·4	55·7	·277	·248	88	84	WSW 2	W 1	10	1	·010	≋⁰ (mist) *a*. and *p*.
10	30·142	30·048	53·8	51·8	40·3	60·7	·324	·345	77	89	WSW 2	WSW 4	9	10	·030	*a*. and at night.
11	29·831	29·932	57·5	50·8	50·8	65·3	·433	·317	91	85	WSW 3	W 3	9	0	—	*p*. ☂ (gale) early night.
12	·948	·835	54·9	53·9	48·0	58·6	·340	·399	80	96	WSW 3	WSW 3	9	10	·150	*a*. ○⁰ 9*a*.—noon.
13	·955	·602	54·0	56·8	47·4	58·7	·294	·443	70	95	WNW 2	SW 6	2	10	·280	☂ (gale) after 10*p*.
14	29·335	29·861	54·1	46·7	46·3	57·5	·277	·255	67	80	W 8	W 3	2	3	·040	● ☂² in past *n*. Velocity 53 miles [5*a*.—6*a*. Squally ☂ till 4*p*.
15	30·088	30·279	46·3	40·1	39·0	52·0	·248	·195	80	78	W 3	NW 2	3	1	—	Squally *p*. ☾⁰ after 9*p*.
16	·406	·399	48·5	39·8	35·9	53·6	·227	·211	67	87	Calm 0	SSW 1	0	5	—	☾ till 7*a*. Fine day. ☾ ≋⁰ (mist) *p*.
17	·342	·258	49·9	48·9	39·8	54·7	·234	·237	65	69	SSE 3	ESE 3	9	0	—	☾ ≋⁰ (mist) before 9*a*.
18	·194	30·091	49·5	50·8	46·2	51·7	·225	·277	64	75	SE 4	E 5	1	6	—	
19	30·027	29·854	48·3	48·8	47·7	50·9	·217	·227	65	66	ESE 6	ESE 7	5	8	—	○⁰ 2.30*p*.—3*p*. Squally ☂ (gale) *p*.
20	29·640	·521	48·1	47·0	47·0	49·2	·244	·303	73	94	E 8	E 7	10	10	1·500	Squally ☂ (gale) till 9*p*. Very rough [sea.
21	·553	·445	51·0	53·2	46·5	57·7	·366	·364	98	90	SSW 1	ESE 6	9	10	·430	Squally ☂ (gale) *p*.
22	·212	·061	52·2	55·0	52·0	55·7	·364	·415	93	96	ESE 5	SSE 5	10	10	·410	Squally ☂ (gale) *a*. and *p*.
23	·292	·422	58·4	55·5	54·1	59·5	·421	·403	86	91	SSE 3	SSE 3	3	10	·030	≋⁰ (mist) *a*. and *p*. ☾ 5*p*.—7*p*.
24	·522	·611	54·5	50·9	50·9	55·7	·413	·360	98	97	SE 3	E 5	10	10	·620	≋⁰ (mist) *a*. and *p*. Squally 9*p*.
25	29·768	29·945	45·7	43·0	43·0	51·5	·229	·240	76	86	ENE 5	NNE 3	8	2	—	●² *n*. Squally before 9*a*.
26	30·066	30·142	44·8	44·9	39·8	49·8	·241	·240	81	81	NE 3	ENE 6	2	9	—	Squally *a*. and *p*.
27	·198	·250	43·8	43·2	39·3	46·5	·228	·234	79	84	ENE 5	NE 4	8	10	—	Squally *a*. and *p*.
28	·272	·188	42·2	40·2	39·2	46·3	·209	·208	79	84	NNE 3	NW 2	10	8	—	Squally before 9*a*. ≋⁰ (mist) *a*. and *p*.
29	·151	·233	40·8	38·0	37·8	44·4	·201	·190	79	83	NNE 4	NE 5	3	9	—	≋⁰ (mist) *a*. and *p*. ☂ in squall [(gale force) 4.8*p*.
30	·300	30·289	38·6	37·8	34·1	44·2	·173	·166	74	73	NNE 3	N 3	1	1	—	☾⁰ *n*. and after 8*p*. Very fine day.
31	30·212	29·932	37·0	44·1	30·2	46·6	·187	·196	85	68	NNE 1	SSE 6	4	10	·540	☾² till 9*a*. ○ 2*p*.—2.45*p*. ≋⁰ [(mist) *p*. Grass min. 17°3.
Means	30·013	30·003	49·3	47·8	43·5	53·9	·281	·279	78·8	82·0	5·4	3·8	6·0	5·8	4·180	

Observer remarks: Mean sea temperature 55°·2.

ST. AUBIN'S, JERSEY.

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

OCTOBER 1881.

1	30·253	30·189	59·8	52·8	50·4	60·8	·325	·297	64	75	NE 3	ENE 2	1	0	—	☾⁰ *a*. Day very fine and bright.
2	·132	·106	58·0	52·3	49·6	60·3	·316	·336	66	85	E by N 3	NE 2	2	0	—	Day very fine, almost cloudless. ☾⁰ *p*.
3	·102	·120	57·7	53·6	49·0	61·4	·361	·315	76	76	ENE 3	ENE 3	0	0	—	☾⁰ *a*. Extremely fine.
4	·144	·126	52·2	49·0	47·2	54·7	·285	·270	73	77	ENE 4	NE 2	6	9	—	Cold wind all day.
5	·201	·311	53·0	45·3	43·2	55·7	·257	·268	64	89	E 2	Calm 0	0	7	·123	Day bright and fine, but cold.
6	·403	·431	54·9	55·0	42·7	56·7	·259	·332	61	77	N 1	NE 2	4	10	·004	Cloudy.
7	·502	30·450	55·3	50·6	49·3	56·9	·298	·276	68	75	NE 3	NE 1	7	9	·173	Day cloudy. ☿ at times *p*.
8	30·243	29·972	50·2	48·9	47·4	55·4	·337	·277	93	80	Calm 0	N by W 2	10	8	·393	≋⁰ till 4*p*. ●⁰ showers till 6*p*., then
9	29·965	30·045	56·0	53·2	47·9	61·3	·317	·313	70	77	NW 2	NW 2	5	9	·003	Fine *a*. Cloudy *p*. [fine.
10	30·203	30·187	53·4	55·2	48·0	61·1	·335	·363	82	84	Calm 0	W 3	7	10	·034	
11	29·994	29·999	56·3	56·2	53·7	61·7	·418	·370	92	82	W by S 5	W by N 2	10	7	·070	[Mild.
12	30·060	·978	56·3	56·1	53·9	62·0	·349	·436	76	96	W 3	SW 5	10	10	·303	Gloomy day. ☂ (force 5) at night.
13	30·022	·823	54·7	57·3	51·1	62·0	·331	·452	77	96	NW 1	SW 5	9	10	·100	Very cloudy. Rough ☂ at night. ●⁰
14	29·555	29·918	57·2	53·0	49·3	60·3	·331	·299	71	74	W 7	W by N 4	9	2	·035	● ☂ (force 9 in squalls.) ▲⁰ 5.20*p*. [Bar. 29·490 7*a*.
15	30·139	30·273	50·0	47·3	44·3	58·3	·280	·232	78	72	Calm 0	NW 2	4	5	·083	Calm, with hot sun *a*. ▲⁰ noon. [Unsettled later.
16	·416	·436	52·8	45·1	43·2	55·8	·238	·224	61	75	NE 2	E 2	2	0	—	Extremely fine day. Cold evening.
17	·396	·302	51·7	49·2	44·1	53·7	·276	·255	72	73	SE 3	E 4	2	0	—	Extremely fine day. Cold breeze.
18	·205	30·103	45·4	46·3	42·8	52·6	·228	·256	75	82	E 4	E 5	0	0	—	Extremely fine day. Cold wind.
19	30·042	29·858	43·9	45·7	41·2	49·8	·227	·247	79	81	E 5	E 7	1	6	—	☂ all day, reaching gale force at night.
20	29·636	·548	42·1	46·5	40·7	48·6	·238	·306	89	97	E by N 6	E 3	8	10	·405	☂ *a*. Very cold, gloomy, and damp. [Temp. rising 10*p*
21	·614	·500	51·4	55·4	45·9	56·5	·351	·393	92	90	SE 2	E 5	10	10	·400	Rough ☂ at night, with ● showers.
22	·259	·187	52·0	56·2	51·4	58·0	·388	·428	100	95	SE 4	S 3	10	10	·473	☂ ● at times *a*. Bar. 29·170 1*p*.
23	·364	·474	57·7	55·5	54·2	61·0	·397	·403	83	91	S by E 3	SE 3	5	1	·320	○⁰ *a*. Extremely fine and mild. ☾⁰ *p*.
24	·573	·639	55·2	53·3	52·8	61·1	·428	·396	98	97	Calm 0	Calm 0	10	2	·214	≋ 9*a*.—10*a*. ☾ *p*.
25	29·671	29·886	50·0	48·0	46·6	53·6	·291	·247	81	74	NE 3	NE 2	7	1	—	Very cloudy *a*. Fine *p*. Cold wind.
26	30·017	30·097	49·1	47·0	45·4	52·8	·277	·243	79	76	NE 2	NE 3	9	10	·004	Overcast.
27	·133	·181	45·5	45·2	42·4	47·3	·229	·215	75	72	ENE 3	ENE 2	10	9	·023	Cold dry wind.
28	·223	·193	42·2	45·2	40·3	46·8	·243	·194	90	64	E 1	N 2	10	10	·006	Gloomy and cold. Very dry *p*.
29	·115	·156	47·2	40·0	37·2	49·6	·229	·207	71	84	NE 2	NE 2	9	5	·410	▲⁰ 1*p*.
30	·227	·252	44·3	43·0	36·6	45·8	·184	·215	63	78	NE 3	NE 2	4	10	·003	Fine, but cold. ▲⁰ ●⁰ 5.30*p*. Coldest [October day for 7 years at least.
31	30·232	30·075	45·3	41·7	38·0	46·8	·218	·176	72	67	E 2	SE 2	3	7	·055	Very fine *a*., but cold. ☿⁰ *p*. Stormy [☂ (force 5) at night.
Means	30·034	30·026	51·6	50·0	46·1	55·8	·298	·298	77·1	81·0	2·6	2·7	5·9	6·0	3·634	

Earth temperature:—Mean of readings at 9*a*. (every third day), at 1 foot 51°·5; at 3 feet 53°·2; at 6 feet 57°·9.

Londonderry.

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

OCTOBER 1881.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	
	ins.	ins.	°	°	°	°	in.	in.	%	%					ins.	
1	30·235	30·211	59·8	51·7	49·2	64·8	·369	·322	72	84	S 2	S 3	0	2	—	Fine and clear all day.
2	·213	·176	54·7	48·0	45·7	64·0	·338	·302	79	91	SE 2	Calm 0	3	0	—	Fine and clear all day.
3	·190	·179	55·2	45·0	37·8	61·6	·350	·287	81	96	SSE 2	Calm 0	2	0	—	Fine and clear all day.
4	·237	·283	52·1	47·0	41·0	54·6	·332	·291	84	91	SE 1	Calm 0	10	10	—	Fine, but cloudy. ⌓.
5	·341	·440	51·6	41·8	39·8	59·8	·276	·225	73	85	SE 1	E 1	4	0	—	Overcast all day.
6	·524	·480	43·7	47·7	31·8	60·2	·225	·254	78	77	SW 1	S 1	0	8	·060	Fine and clear till 6p.
7	·428	·384	51·1	55·8	44·8	57·2	·345	·428	91	95	SSW 2	SW 1	10	10	—	
8	30·256	30·028	56·3	53·0	50·8	58·0	·424	·400	93	99	WNW 1	Calm 0	10	10	·170	≋⁰ (mist) before 9a.
9	29·830	29·901	47·3	45·0	42·2	53·2	·292	·247	90	83	W 2	W 3	8	5	·200	
10	·845	·504	52·7	53·9	43·4	56·5	·324	·402	81	97	W 3	SW 4	10	10	·050	↗ ● at times.
11	·545	·689	55·0	46·8	43·8	57·0	·311	·253	72	79	W 4	NW 4	6	4	·290	Squalls of wind and ● at times.
12	·672	·670	49·7	44·8	41·8	51·1	·266	·233	75	78	WNW 3	WNW 3	7	5	·310	⌒ a. Squalls of wind and ● all day.
13	29·807	·103	47·6	45·0	37·8	49·4	·234	·297	71	99	SSW 3	Calm 0	10	10	1·460	● all day except noon—2p.
14	28·797	29·793	43·1	39·2	36·0	51·4	·252	·205	90	85	NW 4	S 3	10	0	·450	● showers all day. Squally.
15	30·108	30·323	38·0	38·2	35·2	46·7	·206	·206	90	90	N 3	S 1	7	7	·050	Squalls of wind and ● during day.
16	·376	·210	37·7	44·7	30·7	51·4	·200	·221	89	75	S 2	SSW 3	1	10	·010	
17	·090	·073	50·8	49·2	42·9	57·9	·301	·283	81	81	SSW 3	S 4	10	5	—	Fine all day, but overcast.
18	30·046	·009	50·7	48·7	44·6	58·5	·297	·281	81	82	SE 2	SE 4	6	1	—	Fine and clear.
19	29·998	30·005	47·2	44·7	41·1	51·9	·227	·225	71	76	SE 4	E 4	5	0	·140	Day fine.
20	·957	29·816	46·7	46·8	42·9	53·8	·238	·273	76	86	E 4	SE 3	7	4	·020	
21	·703	·650	49·0	45·9	38·8	50·0	·308	·286	89	93	E 3	ENE 3	9	10	·220	●⁰ nearly all day.
22	·475	·295	47·0	44·7	42·3	47·3	·245	·266	77	90	E 4	E 4	10	10	·100	●⁰ from noon.
23	·408	·623	47·2	47·5	42·8	50·4	·282	·267	88	82	SE 3	SE 4	10	10	·010	
24	·707	29·803	46·7	47·7	44·0	50·0	·266	·269	84	82	ESE 2	E 3	10	10	—	≋⁰ (mist) p.
25	29·989	30·130	45·0	44·1	41·8	48·3	·237	·241	79	82	ENE 2	SE 1	10	10	—	Fine all day, but overcast.
26	30·259	·367	43·0	43·7	39·8	48·2	·242	·206	87	72	SE 1	E 1	10	10	—	Fine, but cloudy.
27	·434	·413	42·0	42·7	38·2	47·2	·233	·257	88	93	NE 1	W 1	10	10	·020	Fine, but cloudy.
28	·339	·315	41·9	42·7	37·7	49·3	·244	·244	92	88	WSW 1	Calm 0	10	10	·010	
29	·422	·462	41·0	37·0	31·2	50·0	·201	·198	78	90	NNE 2	Calm 0	5	10	—	Day fine and clear. ≋ 9p.
30	·417	30·312	33·7	29·8	27·6	46·4	·157	·131	81	79	WSW 1	Calm 0	10	0	—	Fine and clear all day.
31	30·071	29·572	34·7	42·2	25·9	44·0	·149	·241	73	89	SE 3	SE 5	0	10	·560	
Means	30·023	30·007	47·2	45·3	39·8	53·2	·270	·266	81·7	86·1	2·3	2·1	7·1	6·5	4·130	

Markree Castle.

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

OCTOBER 1881.

Day.	Barometer 9 a.m.	Barometer 9 p.m.	Air 9 a.m.	Air 9 p.m.	Min.	Max.	Tension 9 a.m.	Tension 9 p.m.	Humidity 9 a.m.	Humidity 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	30·168	30·151	57·0	51·0	50·5	61·0	·385	·323	83	86	ESE 3	SE 4	7	2	—	⌓ 9p.
2	·141	·127	53·1	56·4	45·8	59·4	·344	·416	84	92	SE 3	Calm 0	3	0	—	⌓² 9p.
3	·123	·125	50·9	47·1	39·2	59·9	·324	·292	87	91	ESE 3	SE 2	1	0	—	⌓² 9p.
4	·163	·226	51·1	48·9	44·2	56·4	·337	·255	89	75	SE 3	SE 2	10	10	—	
5	·295	·416	47·0	35·6	35·0	53·2	·253	·195	79	94	Calm 0	Calm 0	10	0	—	
6	·497	·469	46·1	47·3	28·9	56·4	·268	·256	86	79	ESE 2	Calm 0	3	10	·046	⊔² a. Ⴎ 7p.
7	·437	·372	54·1	55·7	45·7	57·0	·384	·426	91	96	SW 1	Calm 0	10	10	·054	
8	30·245	30·016	55·1	53·1	52·3	57·6	·411	·399	94	98	Calm 0	Calm 0	10	10	·207	
9	29·883	29·957	50·1	44·4	43·3	54·2	·290	·262	80	90	NW 4	WNW 2	10	10	·100	
10	·912	·575	52·8	55·3	43·8	56·0	·308	·426	77	97	NW 2	W 4	10	10	·064	
11	·627	·784	54·3	48·1	48·1	58·4	·329	·252	78	75	NW 4	NW 3	10	7	·087	
12	·746	·746	50·9	46·2	44·3	54·6	·264	·255	71	82	NW 3	NW 5	6	10	·170	
13	·781	·043	45·4	55·9	41·6	56·4	·244	·426	82	95	Calm 0	WSW 3	10	10	·960	▲⁰ 4p. ▲² 6.30p. ⚡ 6p. and 7.30p [↗ (force 6) Midt.
14	29·017	29·842	45·1	43·3	39·1	55·9	·281	·214	93	77	WNW 8	NW 4	10	6	·377	Squally ↗² (force 8—9) a.
15	30·128	30·327	45·1	35·1	34·5	48·4	·276	·191	92	93	NNW 5	Calm 0	8	0	—	Sharp squalls before 9a,
16	·342	·154	38·9	43·5	24·5	48·1	·217	·245	92	87	ESE 2	SE 4	5	10	—	
17	30·077	30·029	52·5	49·5	42·2	56·0	·357	·320	91	91	SE 4	SE 5	10	10	—	
18	29·967	29·912	50·1	46·8	43·3	56·6	·326	·259	90	81	SE 4	ESE 4	10	5	—	
19	·894	·855	48·1	44·3	43·3	51·2	·266	·217	79	75	ESE 4	ESE 5	6	4	·016	
20	·794	·706	48·1	44·1	42·9	50·7	·254	·231	76	79	E 5	E 4	8	0	—	
21	·598	·489	46·3	48·3	41·3	49·6	·247	·294	79	88	E 3	E 4	10	10	·074	
22	·260	·117	45·8	45·7	45·1	49·4	·291	·281	95	92	E 6	E 6	10	10	·090	Sharp squalls p.
23	·216	·507	54·7	48·5	45·3	55·6	·360	·285	85	84	ESE 4	ESE 4	10	10	—	
24	·597	29·686	50·1	48·7	45·8	52·2	·270	·273	76	80	ESE 4	ESE 6	8	10	—	
25	29·909	30·084	48·2	40·6	39·8	51·9	·268	·225	80	89	ESE 4	Calm 0	10	7	—	
26	30·223	·324	43·1	43·1	33·5	47·1	·239	·231	85	82	Calm 0	Calm 0	10	10	—	
27	·390	·407	43·1	40·8	40·0	48·2	·229	·229	82	91	Calm 0	Calm 0	10	10	—	
28	·351	·294	40·6	41·8	36·9	48·4	·232	·245	92	92	Calm 0	Calm 0	10	7	·002	
29	·376	·443	42·1	27·3	26·4	46·6	·198	·145	74	100	Calm 0	Calm 0	0	0	—	⊔ a. ⊔² p.
30	30·388	30·269	38·3	28·3	20·1	44·7	·211	·150	92	100	Calm 0	Calm 0	0	0	—	⊔² a. and p.
31	29·979	29·398	35·2	43·2	27·1	43·9	·169	·264	82	94	SE 3	SE 6	10	10	·256	Sharp squalls p.
Means	29·985	29·963	47·8	45·4	39·8	53·1	·285	·274	84·4	87·9	2·7	2·5	7·9	6·7	2·503	

Dublin.

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

OCTOBER 1881.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	
	ins.	ins.	°	°	°	°	in.	in.	%	%					ins.	
1	30·280	30·239	55·9	51·8	51·0	59·3	·374	·359	84	93	SSE 3	SE 2	3	1	—	⌓² early a. Very fine all day. ≋⁰ [(mist) 9p.
2	·217	·175	52·7	48·6	48·0	56·7	·325	·302	81	89	SE 3	ESE 2	1	0	—	⌓² a. Cool, bright day. ≋⁰ (mist) 9p.
3	·176	·182	51·4	49·0	45·8	57·1	·343	·322	90	93	SE by E 3	ESE 2	3	4	—	⌓² early a. Very fine and brilliant day.
4	·229	·252	52·9	52·1	47·6	56·4	·305	·265	76	68	E by S 4	E 3	8	9	—	Cloudy early and late. Day very fine, [cool and dry.
5	·307	·424	47·4	41·3	41·2	52·5	·253	·236	78	92	ENE 2	NW 1	10	0	·041	Temp. fell fast early a. ≋ 8a. Cir. [to W. 5p.
6	·503	·524	42·5	43·5	36·1	52·2	·241	·256	89	90	WNW 1	Calm 0	1	3	—	Very fine a. Much cir. p. ○⁰ p.
7	·501	·408	50·2	55·0	42·0	57·3	·325	·403	90	93	Calm 0	WSW 3	7	7	·010	≋ a.
8	30·225	30·052	56·2	49·2	48·3	57·0	·443	·327	98	94	NNW 2	E 2	10	10	·248	Mild and damp a. ●⁰
9	29·888	29·987	48·7	44·1	43·5	52·7	·279	·243	81	83	WNW 3	NW 3	1	0	·022	Cold and bright a. Much cir. p. Ⴎ 10p.
10	·959	·716	53·1	54·2	42·9	56·2	·329	·340	81	81	W 4	WSW 7	7	9	—	Wind backing, temp. rising a. Squally [↗ p. Bar. 29·653, 11p.
11	·690	·799	55·3	49·8	49·5	58·2	·340	·285	77	81	W 4	W by N 4	9	1	·010	Squally ↗ p.
12	·788	·763	50·8	47·1	46·5	55·1	·299	·261	80	81	WNW 4	W by N 4	5	4	·012	Fine and dry a. ⌒² 3.30p. Squally p.
13	29·844	·199	47·1	57·2	42·8	57·7	·254	·434	79	93	W 3	SW 5	9	10	·604	Much cir. a. Partial ○ 9a. ●² [from noon. Squally ↗. Warm.
14	28·879	29·837	48·1	42·0	41·6	58·1	·266	·220	79	83	WNW 10	NW 4	10	0	·051	↗² n. and a. Bar. 28·663, 6.30a. [Wind veered to WNW. 7a.
15	30·099	30·302	42·0	36·9	36·3	45·9	·207	·182	78	84	NNW 4	NW 3	1	0	—	Clear and cold a. Sleety ● 1.30p. Dry [and very cold p.
16	·386	·298	36·0	39·9	30·9	49·0	·179	·210	84	86	W 1	SSE 2	0	1	—	⊔² ≋ a.
17	·188	·159	52·2	49·1	38·8	55·8	·279	·258	72	73	SSE 3	SSE 3	5	2	—	Much milder a. Day fine and bright.
18	·080	30·031	51·3	51·0	48·0	54·4	·294	·261	77	70	SSE 5	ESE 7	5	4	—	Day very fine, but with squally ↗.
19	30·023	29·941	47·9	47·9	47·0	51·2	·243	·222	73	67	ESE 8	ESE 8	8	5	—	Squally ↗ (gale) all day. Cool and dry.
20	29·822	·710	48·3	47·4	46·0	51·4	·228	·237	67	73	E 8	E 6	7	5	·034	Squally ↗ (gale). Dry and cold. [Cloudy p., less wind.
21	·599	·503	46·8	50·0	46·2	50·3	·277	·298	87	83	E 5	E 6	10	10	·531	Squally ↗ a. and p. Dull all day.
22	·276	·093	48·7	50·0	47·8	50·0	·319	·334	93	93	E 8	E 7	10	10	·994	●² Squally ↗ (severe gale) a. and p.
23	·273	·511	54·3	50·0	49·0	55·1	·384	·309	91	86	ESE 5	ESE 6	10	10	·059	Cloudy. Squally ↗ p. ●² showers.
24	·604	29·704	49·4	49·9	47·9	51·8	·305	·313	88	88	E 4	E 3	9	10	·071	Cloudy and dull. ● from 1p.
25	29·899	30·072	48·4	47·9	47·2	50·1	·258	·231	76	70	E 4	E 3	4	10	—	Very fine a. Cloudy p.
26	30·200	·299	47·8	47·3	45·8	49·2	·228	·238	69	73	E 3	E 3	10	10	·020	Overcast day. Evening obs. taken at [9.30p.
27	·359	·382	46·1	44·8	42·8	47·6	·198	·234	63	79	E by N 3	ENE 2	7	10	·043	● showers a. Bright p.
28	·335	·249	42·4	44·0	40·5	48·0	·216	·248	80	86	W 2	WNW 3	7	0	·030	
29	·318	·397	40·9	39·6	38·6	46·2	·200	·206	79	85	N 2	NNE 1	6	10	·010	▲ ● showers a. and p. [≋ p.
30	·393	30·321	40·2	34·2	34·0	43·7	·177	·166	71	83	ENE 2	Calm 0	3	0	—	Indistinct parhelion, 8.30a. Bright a.
31	30·112	29·644	40·1	45·9	31·6	46·5	·174	·238	69	77	S by E 3	SSE 6	8	10	·680	Cloudy a. ○. Wind freshening from [11a. ● from 7p.
Means	30·015	30·006	48·2	47·1	43·4	52·7	·276	·272	80·0	82·9	3·7	3·6	6·3	5·3	3·470	

Parsonstown.

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

OCTOBER 1881.

Day.	Barometer 9 a.m.	Barometer 9 p.m.	Air 9 a.m.	Air 9 p.m.	Min.	Max.	Tension 9 a.m.	Tension 9 p.m.	Humidity 9 a.m.	Humidity 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	30·222	30·190	58·0	51·1	51·1	62·0	·372	·332	77	88	SE 2	SSE 2	2	0	—	≋⁰ (mist) p.
2	·164	·162	54·5	44·9	44·9	59·7	·352	·270	82	92	SE 1	Calm 0	2	0	—	≋ before 9a.
3	·143	·155	52·4	45·8	38·3	60·1	·321	·279	82	91	SE 1·5	Calm 0	0	0	—	≋ 9a. ≋⁰ (mist) 9p.
4	·187	·223	53·3	49·7	41·9	56·8	·289	·286	71	81	SSE 1·5	SSE 0·3	0	10	—	
5	·299	·435	47·7	39·4	39·3	57·5	·233	·216	71	90	ESE 0·3	Calm 0	10	0	—	≋ 9p.
6	·519	·513	45·0	45·5	32·0	58·1	·251	·231	84	76	E 0·3	SSE 0·5	5	10	—	≋ before 9a. ≋⁰ (mist) p.
7	·495	·431	52·5	54·5	43·8	57·5	·336	·381	85	90	SSW 0·5	SW 0·5	10	10	·003	≋⁰ (mist) a. and p.
8	30·243	·055	57·0	53·4	53·1	57·4	·443	·385	95	94	NNW 0·5	NW 0·5	10	10	·120	≋⁰ (mist) a. and p.
9	29·945	30·041	50·7	42·5	42·4	55·1	·279	·239	76	88	W 2	WSW 0·5	7	10	·050	≋⁰ (mist) before 9a.
10	30·008	29·729	52·5	53·2	41·9	56·2	·338	·368	86	91	SW 2	WSW 3	10	10	·020	≋⁰ (mist) before 9a.
11	29·723	·871	55·4	48·9	48·4	58·2	·322	·265	73	77	WNW 2	WSW 2	8	0	—	
12	·836	·826	50·5	46·4	46·4	54·4	·295	·262	81	84	SW 1	WSW 2	10	6	—	
13	·848	·196	47·7	57·2	40·9	57·5	·269	·443	82	95	Calm 0	SW 2	10	10	·895	≋ before 9a.
14	29·144	29·863	48·5	41·0	40·0	57·8	·245	·195	72	76	WSW 9	WNW 2	2	0	·043	
15	30·177	30·365	43·6	33·7	33·2	49·5	·201	·173	71	89	NNW 2-3	WSW 1	7	2	—	≋ before 9a.
16	·367	·222	38·7	44·5	27·1	51·0	·198	·229	85	78	Calm 0	SE 2	3	5	—	≋⁰ (mist) 9p.
17	30·137	30·074	53·3	49·6	43·9	57·4	·314	·276	77	78	S 2-3	SE 3	10	8	—	≋ 9a. ≋⁰ (mist) 9p.
18	29·978	29·941	51·5	49·0	47·3	53·9	·292	·270	76	77	SSE 4	SE 4	5	10	—	
19	·860	·820	48·8	45·5	45·0	51·4	·247	·200	71	65	ESE 6	ESE 7	4	10	—	
20	·735	·644	46·6	45·0	43·6	51·0	·210	·214	66	72	E 5	ESE 2	5	5	—	
21	·557	29·415	45·8	50·0	41·3	50·6	·246	·282	80	79	ENE 1·5	SE 5	10	10	·660	
22	·168	28·984	48·8	47·7	46·7	52·5	·297	·297	86	90	E 3	E 3	10	10	·092	
23	·152	29·419	57·2	51·5	47·0	58·2	·378	·321	81	84	E 1	ESE 3	9	10	·022	≋ 9p.
24	·544	29·638	48·5	50·3	47·0	52·0	·292	·309	86	85	ESE 2	ESE 2	10	10	·008	
25	29·877	30·074	48·4	39·6	39·6	50·9	·267	·213	79	88	SE 1	Calm 0	8	4	—	≋⁰ (mist) 9p.
26	30·208	·313	43·3	43·5	36·0	50·8	·244	·221	87	78	NE 0·2	E 0·5	6	10	—	
27	·386	·400	43·3	40·3	39·6	47·6	·231	·215	82	87	E 0·5	NNE 0·4	7	10	—	
28	·374	·292	40·3	43·5	38·1	49·3	·219	·233	88	82	Calm 0	NNW 2	8	10	—	
29	·357	·427	36·3	30·4	30·3	46·1	·179	·139	84	83	NNW 0·5	NNE 1	2	0	—	
30	·420	30·301	30·5	31·9	24·8	42·6	·145	·157	85	86	Calm 0	SE 0·5	6	0	—	⌓ 9p.
31	30·017	29·469	40·0	44·4	30·0	46·8	·174	·255	70	88	SE 2	SE 7	8	10	·628	
Means	30·003	29·983	48·1	45·6	40·8	53·9	·274	·263	79·7	83·9	1·8	1·9	6·6	6·5	2·541	

Dunrobin Castle.

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

NOVEMBER 1881.

Day.	Barometer at 32° and M. S. L. 9 a.m.	9 p.m.	Air Temperature. 9 a.m.	9 p.m.	Min.	Max.	Tension of Vapour. 9 a.m.	9 p.m.	Relative Humidity. 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	29·716	29·667	42·4	39·9	39·2	43·0	·193	·197	71	80	E	SE	—	—	—	Cold wind. Cloudy.
2	·728	·824	44·4	44·4	37·6	47·5	·240	·226	82	77	SE	SE	—	—	—	Cloudy and cold.
3	·777	·792	44·4	44·4	42·7	45·5	·211	·230	72	79	S	SE	—	—	—	Cloudy and windy.
4	·820	·842	45·4	39·6	35·6	47·3	·256	·235	85	97	SE	NW	—	—	·190	Dull and cloudy.
5	·770	·794	44·4	44·4	38·6	53·5	·272	·260	93	89	N	N	—	—	—	Dull, cloudy, and cold.
6	29·867	29·976	43·4	43·6	37·6	51·0	·262	·263	93	93	NE	E	—	—	—	Fine.
7	30·025	30·078	44·4	41·4	40·7	51·5	·272	·259	93	99	NW	W	—	—	·060	Fine and clear. Calm.
8	29·988	29·939	43·9	45·2	37·4	47·0	·256	·280	89	93	W	W	—	—	—	Dull and mild.
9	·923	·859	45·6	48·0	43·5	49·5	·280	·317	92	95	NW	W	—	—	—	Dull, calm, and cloudy.
10	·707	·811	44·2	50·5	43·7	55·5	·274	·322	95	88	NE	W	—	—	—	Fine, but dull.
11	·863	·709	49·5	51·5	47·6	52·5	·309	·342	88	90	N	NW	—	—	—	Fine, but dull.
12	29·740	·716	49·5	51·3	45·7	55·5	·224	·332	92	88	S	W	—	—	—	Fine, mild, and dull.
13	30·109	·974	47·7	48·3	46·9	51·7	·256	·318	78	95	NW	NE	—	—	·370	Dull and mild.
14	29·949	·859	56·5	49·5	45·7	60·2	·341	·309	75	88	W	NW	—	—	·300	Fine and mild.
15	·539	29·404	51·3	45·4	42·7	54·3	·302	·256	80	85	S	W	—	—	—	Fine and mild.
16	·093	28·933	46·4	44·2	41·7	51·0	·289	·248	92	85	NW	W	—	—	·180	● showers. Mild.
17	29·383	29·945	40·2	36·5	34·7	46·7	·213	·172	86	80	N	W	—	—	·550	Cold, with ●.
18	30·142	·817	38·4	45·4	30·5	46·3	·176	·240	76	80	W	SW	—	—	·050	Dull, with ● showers.
19	29·735	·353	44·2	51·0	41·7	54·0	·236	·311	81	83	W	S	—	—	—	Clear and cold.
20	·537	29·264	45·6	50·3	41·7	54·3	·280	·344	92	95	W	SW	—	—	·060	Fine and mild.
21	29·004	28·964	46·6	44·4	41·2	51·0	·303	·240	96	82	W	SW	—	—	·350	Fair, but dull.
22	28·657	29·247	47·2	40·4	39·6	50·0	·222	·226	69	91	SW	W	—	—	·420	K 3a.–3.30a. Squally ↗ (stormy), ●
23	29·362	·582	40·2	36·8	36·6	43·0	·216	·172	87	79	W	W	—	—	·030	↗ with ● showers.
24	·364	·394	46·4	45·9	35·6	50·5	·254	·239	81	78	S	W	—	—	·020	Fair, with fresh wind.
25	·417	29·294	44·4	38·4	37·6	47·7	·220	·176	75	76	SW	SW	—	—	—	Fine and mild. Slight frost on ground.
26	29·217	28·412	41·2	43·9	33·5	44·0	·186	·239	72	83	SW	SE	—	—	·130	Fine and mild.
27	28·076	28·217	43·4	42·4	39·6	46·7	·217	·231	77	86	SW	SW	—	—	—	Fine and mild.
28	28·666	29·317	41·4	41·6	36·4	48·3	·231	·239	89	92	NW	W	—	—	·090	Mild.
29	29·721	·753	33·8	41·4	33·5	45·5	·184	·219	94	85	W	S	—	—	—	Fine all day.
30	29·715	29·687	48·5	48·7	39·6	50·5	·321	·319	95	93	S	S	—	—	—	Fresh breeze. Mild.
Means	29·554	29·547	44·8	44·6	39·6	49·8	·250	·259	84·7	86·8	—	—	—	—	2·800	

Braemar.

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

NOVEMBER 1881.

Day.	Barometer 9 a.m.	9 p.m.	Air Temp. 9 a.m.	9 p.m.	Min.	Max.	Tension 9 a.m.	9 p.m.	Humidity 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	29·706	29·599	34·7	33·7	31·6	40·5	·196	·190	97	98	SE 8	S 8	3	10	·060	Cold, with ● showers.
2	·688	·765	37·6	38·1	33·4	39·0	·205	·200	91	87	SW 2	SW 2	5	10	·010	Dull and damp.
3	·696	·646	37·1	37·1	36·4	40·5	·201	·211	91	95	SE 10	SE 0·5	10	8	·040	Dull and damp.
4	·659	·733	41·4	43·6	36·6	45·2	·242	·182	93	63	SE 0·5	SW 2	9	2	·190	● a. Fine p.
5	·738	29·774	43·4	45·8	36·0	50·2	·279	·301	99	98	S 0·5	S 0·5	10	2	·110	● a. Fine p.
6	29·858	30·008	41·6	42·9	35·4	49·7	·252	·263	96	95	SE 1	SW 1	3	4	·020	
7	30·040	·130	45·2	32·7	32·7	50·2	·269	·186	90	100	SW 0·5	S 0·5	4	2	·020	
8	30·006	30·029	45·6	45·6	28·6	50·2	·287	·299	94	98	S 1	SW 1	8	4	·020	● showers.
9	29·965	29·915	46·4	41·6	41·5	51·7	·294	·261	94	99	SW 2	SW 0·5	4	3	·010	Dull day. Ψ p.
10	·731	·827	45·3	50·5	35·2	52·5	·284	·329	94	90	SW 1	SW 2	7	8	—	
11	·881	·702	49·5	51·7	48·8	53·7	·324	·327	92	85	SW 1	SW 2	7	8	·060	● showers.
12	29·741	·673	49·3	50·3	46·3	52·5	·306	·311	88	85	SW 2	SW 4	4	7	·050	● showers.
13	30·079	·998	45·0	51·2	43·6	55·2	·209	·343	70	91	SW 2	SW 1	7	8	·160	Red sunrise. Fair a. ● p.
14	30·024	·984	53·7	49·5	49·2	56·7	·351	·290	85	82	SW 4	SW 3	7	8	—	
15	29·575	·493	48·7	39·6	39·6	51·7	·290	·219	85	90	SW 8	SW 2	8	10	·680	Fair a. ● p.
16	·168	·033	46·9	42·6	38·5	48·5	·272	·229	86	84	SW 8	SW 6	10	8	·420	↗ ●
17	29·368	·957	39·4	32·7	32·1	44·7	·206	·148	86	80	NW 2	NW 2	8	2	·060	● a. Fair p.
18	30·206	·965	23·7	38·6	23·7	41·7	·103	·214	81	92	SW 0·5	NW 4	4	9	·050	
19	29·783	·465	49·0	49·5	38·3	51·5	·310	·288	90	82	SW 2	SW 10	8	8	·130	● showers and dark.
20	·584	·452	43·2	45·3	41·0	51·7	·217	·241	78	80	SW 6	SW 8	6	8	·480	
21	29·033	·206	43·3	40·0	39·1	47·5	·258	·218	92	89	SW 4	SW 6	9	8	·750	↗² (hurricane) 3a.–8a.
22	28·811	·368	37·4	38·7	31·6	50·9	·208	·214	93	91	SW 12	SW 10	10	10	·540	↗² (hurricane) a.
23	29·442	·655	36·9	33·7	33·6	43·9	·194	·180	89	92	SW 4	SW 2	5	2	·330	✱ showers.
24	·420	·451	43·8	42·6	33·7	47·5	·263	·229	92	84	SW 8	SW 6	10	10	·570	●². High rivers.
25	·470	29·442	41·3	35·4	34·6	43·8	·218	·175	84	84	SW 6	SW 2	7	1	—	Fair.
26	29·280	28·399	33·7	37·3	33·4	40·5	·154	·218	80	97	SW 2	SW 8	4	10	·840	Fair a. ● p.
27	28·072	28·118	39·0	38·6	36·2	41·2	·226	·209	95	90	SW 8	SW 10	10	10	·670	● showers all day.
28	28·655	29·310	39·4	39·6	38·5	41·7	·222	·219	92	90	SW 2	SW 2	6	4	·030	
29	29·760	·847	31·7	36·9	31·0	41·2	·156	·194	87	89	NW 0·5	SW 2	2	2	—	
30	29·716	29·659	41·9	43·1	36·6	43·7	·236	·250	90	89	SW 2	SW 8	8	10	·500	Dull day. ●
Means	29·572	29·587	41·8	41·6	36·6	47·3	·241	·238	89·1	89·0	3·7	3·9	6·8	6·5	6·800	

Laudale.

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

NOVEMBER 1881.

Day.	Barometer at 32° and M. S. L. 9 a.m.	9 p.m.	Air Temperature. 9 a.m.	9 p.m.	Min.	Max.	Tension of Vapour. 9 a.m.	9 p.m.	Relative Humidity. 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	29·572	29·592	38·2	38·0	36·9	40·0	·192	·208	84	91	SSE 6	SSW 5	10	7	·220	✱ and ✱ ● (sleet). Large Ψ² 9p.
2	·694	·712	43·3	43·0	37·3	45·0	·235	·201	84	72	SSE 5	SSE 7	10	9	—	✱ a. Dark and gloomy.
3	·618	·658	42·0	45·2	40·2	45·7	·190	·247	72	83	SSE 6	SW 4	9	7	·190	Showers of ✱ and ✱ ● (sleet). Ψ [9p.
4	·557	·695	47·0	52·3	42·0	53·2	·293	·331	92	84	SSE 4	SW 4	10	5	·150	●² 9a. Ψ 9p.
5	·667	29·777	53·2	52·0	45·8	54·8	·356	·308	91	79	SW 2	SW 1	7	6	·230	≡⁰ (mist).
6	29·867	30·004	52·0	52·0	48·9	54·7	·308	·333	79	85	Calm 0	SW 3	1	4	·150	Ψ 9p.
7	30·067	30·078	51·0	44·5	49·8	52·0	·321	·241	85	82	SW 1	SSW 1	10	3	·070	≡⁰ (mist) a. Sky clear p. ∞ after 10p
8	29·952	29·942	53·5	60·0	43·8	60·0	·367	·364	90	70	SSW 3	SSW 6	10	9	·030	Gloomy a. Strong squalls p. ≡⁰.
9	·944	·859	55·0	52·0	44·4	60·0	·357	·335	83	86	S 3	S 1	9	2	—	Dull and gloomy, with ∞ a. and p.
10	·741	·881	53·0	53·4	47·5	55·6	·347	·330	86	81	S 1	S 1	10	8	·440	∞ a. Very dark and gloomy. ● from [8p.
11	·845	·765	55·1	52·0	51·0	56·4	·382	·361	88	93	S 4	S 1	10	10	·940	≡⁰ (mist) a. and p. ● till 4p.
12	29·811	29·829	53·0	51·0	50·5	55·0	·350	·283	87	76	SSW 4	SW 6	10	5	·390	≡⁰ (mist) a. and p. Gloomy. ↗ in [squalls.
13	30·138	30·083	48·8	56·7	44·0	58·1	·285	·409	82	89	ESE 2	SW 6	9	9	·560	∞ 9a. ≡⁰ (mist) p.
14	30·063	29·871	57·2	54·0	44·5	60·0	·425	·339	91	81	SW 4	SW 7	10	10	·170	≡⁰ (mist) a. and p. Very gloomy.
15	29·527	29·487	53·2	49·0	52·0	55·1	·352	·251	87	72	S 7	WSW 6	10	8	1·060	≡⁰ (mist) a. and p. Very dark and [gloomy till 2p.
16	·204	28·985	52·5	50·0	44·0	53·0	·305	·286	77	80	WSW 8	SW 7	8	9	·520	≡⁰ (mist) a. K 10.30a. ▲ ● p.
17	29·486	29·984	43·0	36·0	42·6	50·0	·255	·189	92	89	W 3	N 1	9	0	—	
18	30·116	·825	37·8	54·0	30·1	52·8	·165	·360	72	86	ESE 4	S 8	10	10	·520	≡ a. ↗² (strong gale) 11a.—10p.
19	29·767	·355	54·0	55·4	37·8	55·4	·363	·345	87	79	SW 5	SW 7	10	8	·370	● a. Very dark. ↗² from 11p.
20	·589	·320	47·0	51·6	45·0	55·6	·271	·287	85	75	SW 4	S 8	9	9	·670	↗² till 4a. ≡⁰. Squally all day.
21	29·083	·044	49·2	46·8	46·0	51·6	·274	·237	78	75	WSW 6	WSW 6	8	8	1·020	≡⁰ (mist) a. and p. ⌒ 9a. Stormy [n. and a.
22	28·971	·308	43·5	44·8	40·0	51·0	·210	·235	75	79	WSW 10	WSW 7	9	9	·840	↗² n. and a., the most severe gale on [record here; the tide rose 6 feet [above ordinary springs, doing much [damage. K² ▲ ✱.
23	29·426	·625	41·6	42·8	39·0	48·0	·214	·203	82	73	WSW 5	W 3	9	3	·940	<² all past n. T² a. ▲ ✱ a. [Ψ (?) to NNW. 7p.—11p.
24	·325	·378	50·8	48·2	40·2	52·0	·323	·241	86	72	S 8	SSW 4	10	7	·280	≡⁰ a. and p. Sky *green* to W., noon. [wild look p.
25	·414	29·361	44·8	42·8	41·5	50·6	·227	·203	77	73	SW 2	SW 1	7	6	·060	▲ p.
26	29·174	28·250	41·0	46·2	40·0	47·8	·202	·259	79	84	S 3	S 4	8	10	·950	▲ ✱ ● before 9a. ≡⁰ p. Very
27	27·957	28·177	45·7	47·0	41·0	47·2	·258	·222	85	69	S 4	S 4	10	10	1·050	≡⁰ (mist) a. and p. Very high tide.
28	28·753	29·348	42·8	44·2	41·7	47·8	·262	·242	96	83	Calm 0	W 2	10	1	·190	≡⁰ (mist) a. and p. Very dark.
29	29·750	·750	48·4	44·7	41·5	48·4	·305	·217	90	74	SSE 2	S 4	8	8	·470	▲ before 9a. ≡⁰ 9a. ⌒. Large [Ψ p. ∞.
30	29·519	29·578	48·8	47·1	37·0	50·6	·282	·263	81	82	S 9	S 4	10	9	1·630	↗² all day. ● 6a.—8p. Loch one [sheet of spindrift.
Means	29·553	29·551	48·2	48·6	42·9	52·2	·290	·278	84·1	79·9	4·2	4·3	9·0	7·0	14·110	

Dundee.

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

NOVEMBER 1881.

Day.	Barometer 9 a.m.	9 p.m.	Air Temp. 9 a.m.	9 p.m.	Min.	Max.	Tension 9 a.m.	9 p.m.	Humidity 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	29·758	29·707	35·5	36·4	33·2	37·9	·172	·200	83	93	SE 10	SE 1	10	10	·200	↗ (gale) in past n. and till 5p. ● [showers 11a.—6p.
2	·807	·854	37·4	40·4	35·2	44·8	·206	·213	92	85	SW 1	SE 6	10	10	—	
3	·774	·745	40·4	39·4	38·3	40·8	·213	·224	85	93	SE 10	SE 1	10	10	·250	↗ (gale) in past n. and till Noon. ● [Noon—6p.
4	·693	·800	39·4	42·4	39·3	46·7	·224	·271	93	100	SE 6	SW 1	10	10	·550	● 9a.—11.30a.
5	·748	29·824	47·4	45·4	39·3	52·7	·303	·283	93	94	SE 1	W 2	10	7	·050	● n. and till 9a.
6	29·914	30·029	46·4	46·4	40·3	51·7	·294	·294	94	94	W 1	W 1	10	7	—	● in past n. Fine day.
7	30·110	·114	46·4	39·4	37·3	52·7	·294	·224	94	93	W 1	NW 1	7	0	—	Fine.
8	·062	30·039	42·4	47·4	36·2	47·7	·271	·303	100	93	SE 1	W 1	10	10	—	Dull.
9	30·002	29·882	42·4	42·4	39·3	47·7	·271	·271	100	100	W 1	W 1	10	10	—	Dull with ≡.
10	29·764	·887	45·4	50·4	39·3	51·7	·283	·340	94	93	SW 1	W 1	10	10	·050	Dull. ≡ till 1p.
11	·901	·759	51·4	52·4	48·2	54·7	·353	·366	93	93	W 1	SW 1	10	10	·250	●⁰ showers all day.
12	29·787	29·794	50·4	51·4	49·2	53·7	·340	·328	93	86	SW 2	W 6	5	10	—	↗ (gale) at night.
13	30·124	30·062	45·4	49·4	44·3	51·7	·260	·327	87	93	W 1	W 1	10	10	·100	● from 2p.
14	30·114	29·974	53·4	50·4	48·2	56·7	·352	·315	86	86	SW 2	SW 2	10	7	—	
15	29·646	·522	49·4	44·4	44·3	52·7	·303	·250	86	86	SW 1	SW 10	10	7	·150	Dull. ↗ (gale) from 3p.
16	·219	·023	49·4	44·4	43·3	52·7	·328	·272	93	93	SW 10	NW 10	10	10	·300	● ↗ (gale) in past n. and during day, [K ● ▲ from 5p.
17	29·337	·967	44·4	35·5	33·2	47·7	·211	·155	72	74	NW 2	NW 2	10	7	—	Dull.
18	30·206	·943	31·5	40·4	27·2	40·8	·135	·232	76	93	NW 1	SE 1	5	10	·100	●⁰ from 3p.
19	29·850	·550	50·4	51·4	40·3	52·7	·340	·304	93	80	SW 3	SW 10	10	10	—	● n. ↗ (gale) from 6p.
20	·667	·481	45·4	47·4	45·3	51·7	·260	·260	87	80	SW 4	SW 8	5	7	·050	↗ (gale) at night.
21	29·100	·194	46·4	42·4	41·3	48·7	·271	·231	87	86	W 8	SE 8	10	7	·150	● till 8a.
22	28·975	·530	42·4	44·4	38·3	50·7	·231	·211	86	72	SW 12	SW 12	10	10	·300	↗² (very heavy gale) in past n. and [during day. Showers of [▲ ✱ ● (sleet) K n.
23	29·583	·718	42·4	37·4	37·3	44·8	·212	·189	79	85	SW 4	SW 2	10	7	·100	● showers n. and all day.
24	·512	·478	47·4	44·4	36·2	50·7	·260	·250	80	86	SW 10	SW 6	10	7	—	↗ (gale) 9a.—3p.
25	·503	29·411	43·4	37·4	37·3	44·8	·241	·206	85	92	SW 1	SW 1	10	10	—	Dull.
26	29·318	28·361	35·5	42·4	34·2	42·4	·191	·252	92	93	NW 1	SE 10	0	10	·350	● 5p.—9p.
27	28·100	28·200	43·4	43·4	41·3	45·7	·241	·241	85	85	SW 10	SW 10	10	10	·100	↗ (gale), violent squalls, and ● [showers n. and during day.
28	28·705	29·366	41·4	40·4	40·3	46·7	·242	·213	93	85	W 1	W 1	10	7	—	Cloudy.
29	29·786	·894	35·5	37·4	34·2	40·8	·172	·206	83	92	NW 1	SE 1	0	10	—	Cloudy.
30	29·753	29·715	42·4	45·4	36·2	45·7	·212	·260	79	87	SE 8	SE 10	10	10	·350	● ↗ (gale) from 4p.
Means	29·627	29·627	43·8	43·7	39·3	48·4	·256	·256	88·1	88·8	3·9	4·3	8·7	8·7	3·400	

ROTHESAY.

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

NOVEMBER 1881.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	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	29·618	29·649	34·3	39·7	32·7	50·4	·184	·232	93	95	SE	SE	—	—	·343	Dull. Sleety ●.
2	·656	·774	41·1	39·1	38·1	44·5	·230	·209	89	88	SE	SE	—	—	—	Cloudy and cold.
3	·676	·724	39·1	39·9	35·2	40·0	·193	·229	81	94	ESE	ESE	—	—	·636	Dull and blowy. ●.
4	·602	·767	44·1	50·0	38·6	50·9	·280	·353	97	98	E	SSW	—	—	·200	Dull with ● *a.* Fair *p.*
5	·729	29·839	52·0	48·0	48·1	58·5	·388	·322	100	97	SSW	SSW	—	—	·026	Sky half-clear. Fine.
6	29·956	30·068	51·0	51·3	46·6	54·5	·328	·332	87	88	SW	SW	—	—	—	Dull and mild.
7	30·125	·123	49·0	46·6	44·1	56·0	·327	·308	94	97	SW	E	—	—	·115	Fine but cloudy.
8	·017	30·016	52·0	51·5	44·1	55·0	·388	·373	100	98	SSW	E	—	—	—	Cloudy with ∞.
9	30·009	29·885	50·6	50·0	48·1	53·5	·358	·339	97	94	SE	Calm	—	—	·015	Dull and mild with ∞. Ψ.
10	29·785	·954	51·0	52·0	45·1	52·9	·366	·375	98	97	SSW	SW	—	—	·240	Dull and damp.
11	·921	·821	52·0	51·5	50·1	55·0	·388	·381	100	100	S	SW	—	—	·575	Dull and damp.
12	29·867	29·856	52·0	52·3	49·6	55·5	·366	·336	94	85	WSW	W	—	—	·045	Dull.
13	30·198	30·149	47·8	55·0	44·1	57·0	·317	·433	95	100	Calm	SW	—	—	·648	Dull. ● *p.*
14	30·139	29·994	55·2	51·2	48·1	61·1	·433	·358	99	96	SSW	SW	—	—	·025	
15	29·626	·622	50·5	45·1	42·6	52·9	·360	·279	98	93	SSE	W	—	—	·285	● *a.* Fair *p.*
16	·307	29·173	53·0	50·0	44·6	54·2	·315	·269	78	75	SW	W	—	—	·130	↗ (gale).
17	29·481	30·005	44·7	33·5	32·2	50·4	·266	·162	90	84	NW	Calm	—	—	—	Fine. Sky half-clear.
18	30·177	29·928	35·0	48·0	29·2	48·4	·168	·327	82	98	E	SW	—	—	·303	Dull and cold.
19	29·850	·484	52·0	52·6	46·1	53·9	·380	·358	98	90	SSE	SSW	—	—	·036	Dull. ● *p.*
20	·689	·442	48·0	50·5	45·1	53·4	·267	·322	80	88	SW	SW	—	—	·313	Dull and blowy.
21	·162	·154	47·0	47·2	44·1	51·5	·303	·300	94	93	SW	SW	—	—	·442	Chilly. Sky half-clear.
22	·037	·449	44·3	46·6	39·1	52·4	·225	·222	77	70	SSW	WSW	—	—	·205	▲² shower. T 10.30*a.*—11.40 *a.*
23	·519	·723	44·1	41·1	37·6	47·9	·219	·216	76	84	SW	SW	—	—	·322	
24	·442	·491	50·0	47·3	40·1	51·4	·339	·254	94	78	SSE	SW	—	—	·126	● ↗ (gale).
25	·482	29·439	45·3	41·1	39·1	48·9	·244	·198	81	78	SW	SW	—	—	—	Sky half-clear. Fine.
26	29·303	28·359	39·3	48·0	35·2	49·9	·202	·257	84	77	SSW	WSW	—	—	·656	Cloudy *a.* ● *p.*
27	28·090	28·296	47·0	46·1	41·1	48·9	·249	·282	78	91	SW	SW	—	—	·300	● *a.*
28	28·753	29·365	46·6	45·1	41·1	49·2	·296	·256	94	85	W	NW	—	—	·143	
29	29·808	·848	39·3	44·1	35·2	49·9	·236	·247	99	85	W	SW	—	—	·050	Sky half-clear. Fine. Ψ.
30	29·611	29·654	47·0	46·4	44·1	48·4	·303	·299	94	95	SSE	SSW	—	—	·670	● ↗² (fierce gale).
Means	29·621	29·635	46·8	47·0	41·6	51·9	·297	·294	90·7	89·7	—	—	—	—	6·849	

PINMORE.

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

NOVEMBER 1881.

1	29·590	29·666	34·3	41·0	33·5	46·2	·178	·242	89	94	SE	SW	—	—	·510
2	·759	·773	40·6	40·1	40·1	44·3	·236	·190	93	76	S	S	—	—	—
3	·668	·699	37·2	44·4	37·2	45·2	·184	·276	83	95	SE	S	—	—	·500
4	·594	·736	48·4	49·8	44·3	58·1	·320	·302	94	85	S	S	—	—	·230
5	·719	29·856	52·6	44·9	44·9	57·1	·383	·269	97	91	SE	SE	—	—	—
6	29·948	30·074	48·4	50·8	44·3	55·1	·298	·292	88	79	SW	SW	—	—	—
7	30·179	·025	46·4	41·5	41·5	54·1	·275	·247	88	95	S	SW	—	—	—
8	·037	30·121	50·3	51·3	40·4	53·1	·346	·360	95	95	S	SE	—	—	—
9	30·002	29·863	49·8	49·8	49·1	52·1	·271	·327	76	91	S	S	—	—	·040
10	29·778	·969	49·8	51·8	48·2	52·1	·327	·354	91	91	W	W	—	—	·100
11	·873	·839	53·3	54·4	51·8	55·1	·387	·400	95	95	W	W	—	—	·560
12	29·853	29·900	51·3	52·8	50·1	55·1	·334	·315	88	79	W	W	—	—	·030
13	30·225	30·166	43·5	55·4	40·4	56·1	·265	·401	94	92	W	W	—	—	·550
14	30·167	30·052	53·9	54·9	52·0	57·1	·402	·393	97	92	W	W	—	—	·080
15	29·767	29·674	49·8	44·4	44·3	54·9	·327	·254	91	87	S	NW	—	—	·400
16	·393	29·253	51·1	49·3	44·3	54·1	·337	·334	89	95	W	W	—	—	·190
17	29·529	30·001	44·0	35·3	33·5	50·1	·255	·187	88	91	N	N	—	—	—
18	30·169	29·962	29·4	46·9	25·0	47·2	·163	·269	100	85	SW	S	—	—	·300
19	29·992	·577	52·8	51·8	46·0	54·1	·366	·354	91	91	SW	SE	—	—	·110
20	·738	·468	46·4	49·8	43·4	53·1	·271	·302	87	85	SW	S	—	—	·610
21	·234	·171	46·4	47·9	41·4	51·1	·275	·279	88	85	SW	SE	—	—	·430
22	·248	·523	43·0	46·9	43·0	55·1	·270	·228	98	72	W	NW	—	—	·030
23	·534	·771	42·0	39·1	36·5	48·2	·214	·182	81	77	W	NW	—	—	·210
24	·499	·556	50·3	44·9	38·4	52·1	·321	·258	88	87	S	S	—	—	·320
25	·529	29·489	44·4	36·2	36·2	45·2	·254	·212	87	99	S	W	—	—	·010
26	29·340	28·452	35·8	46·0	31·5	48·2	·195	·281	93	88	NW	SW	—	—	·830
27	28·240	28·432	45·4	45·9	41·9	47·2	·234	·249	77	81	W	W	—	—	·130
28	28·842	29·451	46·4	45·9	43·8	49·2	·287	·260	91	85	NW	NW	—	—	·220
29	29·860	·889	42·5	42·0	39·4	48·2	·244	·221	90	84	NW	SW	—	—	·010
30	29·652	29·718	48·5	45·9	41·4	48·8	·263	·260	77	85	SW	S	—	—	1·380
Means	29·662	29·671	45·9	46·7	41·6	51·6	·283	·283	89·5	87·6	—	—	—	—	7·780

SCALEBY.

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

NOVEMBER 1881.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	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	29·722	29·726	35·8	35·8	33·8	38·0	·162	·179	77	86	S 6	SE 6	10	0	·010	
2	·813	·828	33·3	38·0	31·5	46·0	·177	·175	94	76	NE 3	SE 5	0	6	—	
3	·707	·748	38·8	44·0	35·2	44·0	·178	·237	76	82	SE 6	SW 3	10	10	·190	
4	·609	·839	49·8	45·3	38·0	55·5	·329	·284	92	94	SE 6	S 2	9	10	·050	
5	·751	29·895	53·8	48·8	43·0	58·5	·361	·293	86	85	SW 4	SW 2	10	0	—	
6	29·995	30·141	51·3	50·8	44·8	55·0	·311	·317	82	85	SW 3	W 3	8	10	—	
7	30·220	·144	43·8	40·0	39·5	53·8	·261	·236	92	96	Calm 0	NE 2	3	3	—	
8	·162	30·056	53·6	57·3	39·0	60·0	·364	·378	88	81	S 4	SW 4	10	5	—	
9	30·019	29·873	46·8	53·3	45·2	58·0	·298	·312	93	77	NE 1	Calm 0	10	5	—	
10	29·803	·979	50·8	52·3	42·5	53·3	·317	·370	85	95	SE 3	SW 3	8	10	—	
11	30·002	·887	55·0	54·8	50·0	58·5	·367	·370	85	86	SW 4	SW 5	10	10	·700	
12	29·906	29·970	52·3	53·8	50·0	55·0	·370	·382	95	92	SW 5	SW 7	10	10	·030	Squally ↗ *gp.*
13	30·246	30·194	46·9	55·8	45·0	56·0	·293	·413	92	92	SW 2	SW 5	10	10	·410	
14	30·214	30·106	53·8	48·3	47·5	58·8	·388	·323	93	96	SW 1	NE 2	10	5	—	
15	29·750	29·695	45·3	46·8	43·0	53·7	·255	·245	84	77	SW 2	SW 7	2	10	·160	Squally ↗ ● *p.* <
16	·460	·313	52·6	51·3	43·0	53·5	·321	·299	80	79	SW 10	SW 10	10	10	·030	↗ ●
17	29·456	29·962	46·3	39·8	36·5	51·3	·254	·204	82	84	SW 7	Calm 0	9	10	—	
18	30·214	30·014	31·3	45·0	27·5	49·2	·147	·202	84	98	NE 2	SW 6	1	10	·140	
19	29·937	29·881	53·3	50·8	38·3	54·0	·357	·294	88	79	SW 4	SW 7	10	4	·020	
20	·769	·597	49·8	47·8	45·2	51·5	·279	·266	79	80	SW 5	SW 5	1	7	·170	
21	·169	·323	46·3	47·8	41·5	50·0	·295	·239	95	72	SW 4	SW 4	10	10	·160	
22	·243	·620	46·5	46·8	42·0	57·0	·197	·220	63	69	SW 9	SW 5	4	3	·190	Squally ↗ ● *a.*
23	·576	·805	41·8	38·0	37·0	46·8	·227	·203	86	89	SW 5	SW 4	10	0	·160	Squally before 9*a.* ● ⊼ ▲
24	·608	·590	49·8	48·3	36·5	49·8	·264	·259	74	76	SW 9	SW 4	8	0	·410	↗ ●
25	·557	29·476	42·8	40·3	39·8	48·3	·273	·208	99	84	S 1	SW 2	10	0	·160	
26	29·392	28·450	49·8	50·8	34·0	51·0	·264	·343	74	92	SW 9	SW 10	8	10	·270	Squally ↗ ●. <
27	28·300	28·392	48·8	45·0	37·0	50·8	·234	·227	68	76	SW 10	SW 10	10	3	·490	Squally ↗ *a.* and *p.* ●
28	28·811	29·330	47·3	45·8	43·0	48·0	·265	·267	82	87	SW 7	SW 6	6	9	·010	Squally ↗ ● *a.*
29	29·842	·936	39·0	40·6	35·5	46·8	·231	·234	98	93	Calm 0	SW 3	8	2	—	
30	29·793	29·784	45·0	47·3	40·0	48·7	·238	·287	79	89	SW 3	SE 7	10	10	·630	
Means	29·702	29·718	46·7	47·0	40·2	52·0	·276	·279	84·8	84·9	4·6	4·6	7·8	6·4	4·390	

SCARBOROUGH.

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

NOVEMBER 1881.

1	29·882	29·835	34·6	35·3	33·5	38·7	·192	·192	96	93	SSE 3	SSE 3	10	9	·010
2	·888	·895	40·7	41·7	35·0	42·7	·208	·216	82	83	SSE 2	SSE 5	10	10	—
3	·836	·821	41·7	42·7	39·5	42·7	·225	·274	86	100	SSE 6	SSE 1	10	10	·130
4	·779	·880	46·8	52·9	42·5	56·3	·321	·399	100	99	SSE 3	SW 1	10	10	·280
5	29·823	29·927	55·0	49·1	49·1	57·8	·424	·342	98	98	SSW 2	WSW 1	10	2	·110
6	30·055	30·132	46·6	48·6	43·8	53·9	·298	·317	95	93	WSW 1	WSW 2	6	3	—
7	·189	·174	45·7	47·6	43·5	53·5	·293	·298	96	91	WSW 1	SE 1	1	10	—
8	·182	30·175	48·6	51·7	46·9	51·8	·319	·367	94	96	SSE 2	SSW 1	10	10	—
9	30·114	29·981	46·6	46·8	45·5	51·7	·292	·269	93	84	SSW 2	SW 1	10	5	—
10	29·871	·991	47·4	52·2	42·5	55·5	·290	·361	89	93	SW 2	SW 2	2	2	—
11	30·100	29·985	52·6	51·6	50·5	54·8	·348	·348	88	91	SW 2	WSW 2	7	10	·100
12	29·913	30·030	54·1	53·4	51·5	56·5	·342	·325	82	80	W 3	WSW 2	2	9	—
13	30·275	·223	49·3	54·6	47·5	56·6	·278	·362	80	85	WSW 1	WSW 2	7	10	·020
14	30·220	30·137	57·6	49·6	49·5	61·1	·412	·324	86	92	WSW 3	SW 3	6	1	—
15	29·904	29·805	46·6	47·6	42·0	52·2	·267	·281	85	86	SSW 4	WSW 4	2	10	·010
16	·692	·432	47·1	52·9	41·5	53·3	·261	·331	81	83	SW 7	WSW 2	7	5	·070
17	29·479	29·933	47·5	42·7	42·5	53·3	·246	·222	75	81	W 2	W 2	9	1	·040
18	30·264	30·204	39·7	43·7	36·5	43·7	·185	·260	75	91	WNW 1	SW 4	1	10	·070
19	30·072	29·885	50·6	46·2	43·0	52·3	·323	·273	88	89	S 4	SW 4	10	1	—
20	29·887	·759	46·2	48·6	44·4	51·3	·281	·309	91	91	WSW 2	WSW 3	1	1	·020
21	·300	·548	50·6	44·7	44·5	50·6	·336	·255	92	86	SSW 5	SW 3	10	3	·130
22	·446	·761	48·6	43·0	42·7	55·1	·234	·204	68	74	WSW 5	SW 4	3	0	·020
23	·712	·844	42·7	39·7	39·5	48·1	·256	·208	93	85	SW 3	SW 2	8	0	·040
24	·860	·695	44·7	51·6	38·5	52·1	·268	·348	91	91	S 4	SW 2	10	10	·020
25	·657	29·526	47·1	42·0	41·8	51·6	·308	·251	96	94	SW 1	SW 2	10	1	·150
26	29·502	28·643	36·8	52·4	36·5	52·4	·210	·366	97	93	SW 2	S 8	3	10	·500
27	28·639	28·587	44·9	45·6	44·5	54·6	·226	·230	77	76	SSW 7	WSW 9	3	7	·090
28	28·897	29·363	48·0	44·7	44·0	49·6	·284	·251	85	85	WSW 4	WSW 3	7	0	—
29	29·835	30·023	43·3	40·7	40·0	46·2	·224	·208	80	82	W 1	SW 2	0	0	—
30	30·016	29·973	38·7	43·0	36·8	45·3	·235	·251	100	90	SSE 2	S 4	10	10	—
Means	29·810	29·806	46·3	46·9	42·7	51·5	·280	·288	88·0	88·5	2·9	2·8	6·5	5·7	1·810

Observer remarks:—Mean sea temperature 47·5.

DOUGLAS, ISLE OF MAN.

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

NOVEMBER 1881.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	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	29·535	29·676	40·5	45·2	39·4	50·1	·237	·278	94	93	SE 7	SSE 5	10	10	·360	Squally ⟋ ●²a. ≡⁰ ⟋(mist) 9a. [●² ▲ 11a.
2	·753	·733	43·4	42·1	42·1	46·2	·251	·211	89	79	SE 5	ESE 7	10	9	·100	≡⁰ (mist) 9a. Squally ⟋ ●²p.
3	·603	·707	41·4	50·8	38·0	50·8	·252	·365	97	98	ESE 6–7	SSE 3	10	10	·482	Squally ⟋ ●²a. ≡⁰ (mist) p
4	·623	·809	54·2	52·8	47·0	56·7	·415	·380	99	95	SW 5	Calm 0	10	10	·040	●²a. ≡⁰ (mist) 9p.
5	29·766	29·901	53·2	49·2	47·8	55·5	·406	·337	100	97	SW 4	Calm 0	10	1	·002	≡²a. ⌓² 9p.
6	30·012	30·128	52·3	49·8	48·1	55·6	·339	·345	86	96	SW 3	Calm 0	3	7	·010	⌓² 9a. and 9p.
7	·161	·099	46·0	50·0	39·6	53·5	·287	·324	93	90	Calm 0	ENE 2	4	10	·035	⌓² before 9a. ●⁰ ≡ p.
8	·098	30·054	52·7	51·4	49·4	56·7	·399	·364	100	96	Calm 0	E 2	10	8	—	≡ a. and p. ⌓ 9p.
9	30·007	29·858	50·3	50·1	50·1	53·0	·357	·347	98	96	E 3	E 2	10	10	·350	≡ a. and p. ●² at night.
10	29·785	30·025	53·5	53·2	48·9	57·2	·411	·371	100	92	WSW 3	SW 1	10	9	·010	≡ 9a. and before.
11	30·033	29·899	52·5	53·3	52·2	54·7	·396	·393	100	97	S 3	SSW 3	10	10	·560	≡ a. and p. ●² 9p.
12	29·963	30·064	53·0	54·0	51·7	56·2	·352	·388	87	93	W 4	SW 5	4	7	·027	● till 4a. ⟋ ●⁰ at night.
13	30·271	·250	51·3	53·8	47·5	54·4	·367	·407	97	98	Calm 0	WSW 4	10	8	·348	≡ a.
14	30·249	30·048	53·4	51·6	51·4	54·9	·391	·325	96	85	SSW 5	SSE 5	10	10	·040	≡ 7a. [Bar. 29·620 1.30p.
15	29·731	29·702	51·7	47·3	47·3	54·6	·355	·268	92	83	S 5–6	WSW 7–8	10	4	·070	≡⁰ (mist) 9a. Squally ⟋ a. and p.
16	·518	·363	52·7	50·2	47·1	55·9	·365	·271	92	75	SSW 8	SW 8	10	4	·110	≡⁰ (mist) 9a. Squally ⟋ a. and p. [< 6.30p.
17	29·597	29·992	47·7	42·0	42·0	51·1	·267	·239	81	90	W 5	NW 2	6	2	·110	△ ●² 2.15p. and 6.15p. Squally p.
18	30·178	30·011	45·0	52·8	30·5	52·8	·243	·398	82	99	SSE 3	SSW 6–7	8	10	·440	⊔²a. ●² 11.30a. Squally ⟋ ● 9p.
19	29·956	29·670	52·7	51·7	51·4	53·5	·387	·371	97	96	S 4	SSE 7	10	10	·057	● ≡ till 11a. Squally ⟋ p.
20	·797	·532	52·1	51·0	48·1	53·9	·347	·326	89	87	SSW 6	SSE 7–8	8	8	·232	Squally ⟋ ●² a. and p.
21	·286	·247	48·3	48·8	47·2	53·0	·287	·303	85	88	W 4	SSE 7–8	3	9	·120	Squalls before 9a. Squally ⟋ ●²p.
22	·392	·603	46·0	50·1	42·9	55·1	·207	·258	67	71	WSW 9	SSW 8–9	3	6	·020	Squally ⟋ a. < to W. 6p.—7p. [Squally ⟋ ꓘ 11p.
23	·611	·849	45·3	43·8	41·5	51·0	·250	·226	83	78	WSW 5	WSW 4	6	8	·080	Squally before 9a. ●⁰ 9.30a. ▲ ● 3p.
24	·598	·600	51·5	49·0	43·8	52·5	·359	·283	94	81	S 7	SW 5	10	3	·520	≡⁰ (mist) 9a. Squally ⟋ ●² 9a.— [3p. < n.
25	·554	29·473	47·5	37·7	37·7	49·8	·281	·176	86	77	SW 3	S 2	10	9	·040	ꓘ ● till 6a. ● 10a. < 6p. Sudden [⟋ ▲² 9.15p.
26	29·359	28·499	42 7	49·8	33·5	53·4	·214	·307	79	87	SSW 4	SW 6	6	6	·483	⊔ a. △ ▲ ●² at intervals p. [Squalls 9p. ⟋ (force 8 to 10) n.
27	28·375	28·508	48·7	47·7	43·2	53·2	·285	·294	82	89	SSW 8–9	WSW 7–8	8	8	·335	⟋ a. and p. Bar. 28·344 Noon. ●² [showers after 3p.
28	28·955	29·489	48·0	45·2	45·2	49·7	·297	·273	90	91	WSW 5	WNW 5	6	6	—	
29	29·870	·896	43·6	47·8	40·4	49·0	·257	·308	90	93	Calm 0	SSE 4	2	7	—	≡⁰ (mist) 9a. ⌓² 9.30a.
30	29·702	29·762	49·7	46·5	45·9	51·2	·307	·274	87	87	SSE 7	W 3	9	10	·314	Squally ⟋ a.
Means	29·711	29·715	49·0	49·0	44·7	53·2	·319	·314	90·4	89·2	4·4	4·3	7·9	7·6	5·295	

WAKEFIELD.

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

NOVEMBER 1881.

1	29·831	29·822	33·9	35·1	31·4	36·4	·144	·194	74	95	SE 4	SE 4	10	10	·080	Dull and gloomy. ✳ p.
2	·783	·885	36·9	37·1	34·8	44·4	·202	·192	92	87	ESE 2	ESE 2	10	10	·020	
3	·780	·831	37·1	42·8	36·6	42·9	·205	·271	93	99	ESE 2	ESE 2	10	10	·280	Dull and gloomy.
4	·733	·885	44·3	54·2	41·0	61·8	·287	·384	99	91	S 1	S 1	10	10	·260	
5	29·799	29·978	57·2	50·2	50·1	61·0	·430	·263	91	73	S 1	SW 2	10	3	·040	
6	30·004	30·173	50·0	48·5	38·7	57·8	·292	·280	81	83	W 1	SW 3	1	5	—	Fine and bright. Ψ 9p.
7	·229	·179	39·9	50·2	36·8	52·4	·228	·331	93	92	W 1	S 1	10	10	—	Large Ψ till 2.30a. ≡² 9a.
8	·196	30·158	49·2	51·2	48·5	54·0	·345	·356	99	95	ESE 1	ESE 3	10	10	—	≡ 9a. and before.
9	30·090	29·951	49·2	47·6	47·1	55·2	·345	·292	99	89	ESE 2	SE 1	10	8	—	Dark and gloomy, except 10a.—2p.
10	29·899	30·072	46·4	55·2	37·3	59·3	·306	·343	97	79	SSW 2	SW 3	10	7	—	Fine.
11	30·141	·037	54·4	54·2	47·7	60·0	·342	·334	80	79	S 2	S 2	8	4	·120	
12	29·988	·083	54·2	55·2	52·8	58·0	·356	·328	84	75	W 4	WSW 2	7	3	—	
13	30·279	·287	55·2	57·0	52·2	58·6	·324	·399	74	85	W 2	W 2	10	8	—	Dull and gloomy.
14	30·278	30·142	57·0	48·8	48·1	62·6	·412	·298	88	86	W 1	WNW 3	2	3	—	Fine.
15	29·880	29·866	48·0	49·4	45·4	56·0	·271	·254	81	72	ESE 2	WNW 5	4	2	·040	Fine. ●⁰ shower 4.15p.
16	·737	·432	51·2	54·2	43·7	56·1	·269	·287	72	68	SSW 7	WSW 7	7	6	·280	Fine, but very rough and boisterous.
17	29·569	29·928	48·2	45·0	44·2	54·8	·262	·267	78	89	W 6	WNW 2	4	3	·010	
18	30·285	30·195	32·3	44·2	30·2	45·9	·172	·281	94	97	SW 1	WSW 1	10	10	·150	Dull and gloomy all day.
19	30·078	29·871	53·0	48·8	36·3	55·2	·318	·276	79	80	S 2	SW 5	6	2	—	Fine.
20	29·920	·762	49·2	49·2	46·5	51·0	·269	·273	77	78	SW 2	S 2	0	3	·070	Fine.
21	·300	·545	50·7	45·4	44·9	52·5	·279	·260	76	87	SW 4	SW 5	10	10	·070	⌒ 11.50a.
22	·502	·838	48·4	42·6	42·3	59·8	·260	·215	77	80	SW 5	SSW 5	2	3	·020	Fine.
23	·727	·927	46·4	42·0	41·2	52·0	·258	·204	82	77	SSW 2	SSW 4	10	2	·110	●² ▲² after 4.30p.
24	·872	·677	48·6	53·3	38·4	55·1	·284	·399	83	98	SE 4	WSW 4	10	10	·020	Dull all day.
25	·662	29·535	48·4	43·6	42·3	54·0	·301	·248	89	87	S 2	W 1	10	10	·190	Dull all day. ● p.
26	29·503	28·614	39·3	55·2	38·5	55·6	·196	·386	82	89	SSW 2	S 5	1	10	·500	Bright till noon, then dull with ● p. [⟋² 10p. ꓘ² ●² 10.20p.—10.50p.
27	28·622	28·638	49·2	47·6	44·3	58·0	·214	·228	61	69	SW 9	WSW 9	4	8	·230	Rough wild day.
28	28·885	29·458	49·3	46·2	46·1	49·9	·272	·262	78	85	SW 6	W 4	7	3	—	Fine after 11a.
29	29·902	30·022	43·2	40·1	38·4	48·0	·253	·210	90	85	W 2	WSW 2	2	0	—	Dull p.
30	29·987	29·918	41·1	45·2	35·0	48·4	·238	·262	93	88	SE 2	SSE 2	8	10	·240	Dull and dark all day.
Means	29·815	29·824	47·0	48·0	42·0	53·9	·278	·286	84·5	84·6	2·8	3·1	7·1	6·4	2·730	

LLANDUDNO.

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

NOVEMBER 1881.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	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	29·616	29·697	38·1	39·0	35·3	45·6	·202	·208	88	88	S 7	SW 1	9	3	—	Squally ⟋ ▲ in past n. Day fine [and bright with cold wind.
2	·752	·750	42·5	39·1	37·0	46·1	·230	·184	85	77	S 1	S 2	10	8	·127	Very fine.
3	·610	·743	40·2	48·7	36·4	51·0	·226	·306	91	89	S 4	SW 1	10	7	·094	Squally in past n. Very fine p. Ψ 9p.
4	·663	·823	55·0	55·0	45·5	59·0	·377	·375	88	87	SW 2	W 1	7	10	·290	Day very fine and mild.
5	29·798	29·970	55·4	50·8	49·6	57·0	·388	·301	89	81	W 1	W 1	10	9	—	Day very fine and mild.
6	30·062	30·160	54·4	52·0	49·6	56·3	·331	·309	78	80	SW 1	W 1	9	3	—	Day very fine and mild.
7	·176	·097	52·5	52·0	47·0	56·0	·324	·330	82	85	SE 0·6	SW 0·6	0	5	—	Very fine a. Dull p. Mild.
8	30·123	30·067	55·4	57·3	49·6	62·8	·385	·348	89	74	SE 0·6	SW 1	7	9	—	Very fine till noon, then dull. Mild.
9	29·984	29·868	54·4	55·2	53·8	59·0	·345	·331	82	76	S 2	S 1	10	7	—	Mild, but dull.
10	29·819	30·069	54·8	54·9	51·2	56·6	·385	·366	92	86	W 1	W 2	10	0	—	Mild, but gloomy.
11	30·087	29·962	55·7	58·0	53·0	61·2	·366	·318	83	66	SW 2	W 5	10	10	·150	Very fine and mild. Squally p.
12	·000	30·104	54·6	54·8	52·3	58·4	·355	·357	83	83	W 2	W 5	7	9	—	Very fine and mild. Squally p.
13	·285	·271	56·8	59·4	52·5	61·0	·385	·374	83	74	W 1	W 5	2	10	—	Very fine and mild. Squally p.
14	30·274	30·098	56·7	50·6	49·4	62·0	·386	·321	84	87	W 1	N 1	7	0	—	Squally before 9a. Very fine and mild.
15	29·726	29·869	54·7	50·0	46·3	60·5	·330	·271	78	76	W 5	W 5	10	0	—	Fine and mild. Squally a. and p.
16	·595	·474	55·0	53·8	48·3	58·2	·325	·315	75	75	SW 8	W 7	7	10	·050	Squally a. and p. Mild.
17	29·659	29·991	50·0	46·4	45·8	54·0	·277	·255	78	82	W 3	W 1	6	6	·040	
18	30·203	30·083	42·8	53·0	39·7	53·0	·234	·335	85	83	WNW 1	S 4	10	10	·080	● showers p.
19	30·009	29·758	55·2	54·2	52·2	58·4	·342	·334	79	79	S 3	SW 5	9	10	—	Fine and mild. Squally a. and p.
20	29·859	·625	52·8	52·1	47·8	56·5	·269	·257	68	67	W 2	W 5	1	7	·115	Very fine and mild. Squally p.
21	·322	·381	50·0	48·5	48·0	54·0	·303	·285	84	84	W 3	SW 5	10	10	·045	Squalls before 9a. Very fine and mild. [Stormy n.
22	·488	·694	49·4	49·3	46·6	60·6	·223	·222	63	64	W 5	W 6	1	0	·260	Squally a. Fine and mild. ꓘ 11.30p. [⟋ (heavy gale) n.
23	·682	·889	48·2	45·3	42·1	52·2	·262	·219	78	73	W 3	W 4	7	0	·027	Squally before 9a. ▲ a.
24	·673	·669	53·5	50·8	44·0	55·2	·284	·269	70	73	W 9	W 2	9	0	·210	Squally with ● showers till 6p.
25	·605	29·540	46·8	42·8	41·5	56·2	·296	·236	93	86	W 1	W 1	10	10	·120	Dull and damp.
26	29·449	28·580	39·1	47·7	35·8	56·7	·217	·324	91	98	S 1	SW 3	1	10	·385	Squally p.
27	28·519	28·575	48·8	48·0	45·5	50·4	·236	·277	68	83	SW 8	SW 10	4	10	·437	▲ ⟋² (heavy gale), and constant ● [showers all day.
28	29·045	29·534	48·5	48·8	46·0	50·8	·275	·252	82	73	W 5	W 1	4	0	—	Squalls before 9a. Fine day.
29	·899	·941	45·1	45·4	44·0	49·2	·270	·243	90	81	W 1	W 1	0	0	—	Very fine.
30	29·750	29·734	50·0	49·0	44·5	51·4	·253	·302	70	87	W 4	SW 5	9	10	·630	Dull a. ● ⟋ p.
Means	29·758	29·767	50·5	50·4	46·0	55·6	·303	·294	81·6	79·9	2·9	3·0	6·9	6·1	3·060	

BUXTON.

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

NOVEMBER 1881.

1	29·854	29·847	29·6	32·4	28·5	33·0	·147	·179	90	98	SE 2	SW 2	10	10	·120	✳ a.
2	·886	·860	34·4	33·4	31·1	36·7	·184	·188	93	99	SE 2	SE 3	10	0	·040	
3	·798	·841	33·3	40·2	32·4	44·9	·184	·247	97	99	SE 3	SE 1	10	10	·420	✳ ● 9a. and before. ≡ 9p.
4	·798	29·924	52·7	53·9	32·0	56·9	·393	·410	99	99	SW 3	SW 2	9	9	·510	≡⁰ (mist) 9a. and before.
5	29·874	30·011	54·6	45·2	44·7	55·4	·409	·277	96	93	SW 2	SW 3	10	5	·310	
6	30·111	·215	47·7	46·4	42·3	55·2	·299	·273	91	87	W 2	SW 2	3	6	—	
7	·263	·201	38·9	47·3	37·8	55·4	·232	·306	99	95	Calm 0	SW 2	5	10	·020	≡⁰ (mist) 9a. and 9p.
8	·211	·181	53·1	48·4	45·9	54·2	·362	·338	89	99	WSW 1	SW 1	10	10	·010	≡⁰ (mist) all day.
9	30·117	·030	49·4	43·3	41·9	54·7	·306	·243	88	87	SE 1	NW 1	10	5	—	≡⁰ (mist) a.
10	29·933	·133	51·4	50·6	40·4	55·9	·356	·329	94	90	SW 3	SW 1	6	10	·065	
11	30·176	·069	50·6	51·5	48·6	52·7	·339	·331	93	87	SW 2	SW 3	10	10	·280	
12	·068	·142	49·9	50·6	48·1	56·9	·338	·309	95	84	WNW 1	SW 3	10	5	—	⟋ a.
13	·335	·357	53·0	52·2	49·3	58·1	·358	·369	89	95	NW 2	SW 2	7	5	—	⟋ a.
14	30·354	30·205	52·9	45·6	44·9	56·8	·401	·285	100	94	NW 1	NW 2	5	0	—	⟋ (force 5) a. ≡⁰ (mist) 9a.
15	29·956	29·944	44·9	44·1	38·8	50·4	·274	·229	92	79	SW 2	SW 3	10	2	—	⟋ a.
16	·801	29·551	45·9	48·4	40·4	51·1	·278	·319	91	94	W 3	SW 3	8	10	·335	⟋ a. and p.
17	29·628	30·012	43·4	41·4	39·5	50·1	·248	·229	88	88	NW 2	NW 1	6	7	·120	⟋ a. ▲ p.
18	30·316	30·235	37·4	43·6	29·6	43·8	·205	·276	92	97	NW 1	SW 2	10	10	·630	≡⁰ (mist) a.
19	30·126	29·915	48·4	46·7	42·9	49·1	·303	·259	89	82	SW 3	SW 4	7	5	—	
20	29·948	·785	46·0	44·9	42·9	50·1	·273	·264	89	89	WNW 3	NW 2	1	0	·290	
21	·388	·547	44·9	43·9	41·1	48·8	·281	·253	95	88	W 1	SW 2	10	10	·330	⟋ a. T p.
22	·562	·858	40·4	40·1	39·0	52·7	·196	·214	78	86	WNW 4	NW 4	3	2	·090	⟋ a. and p.
23	·791	·986	42·4	36·3	28·8	44·1	·260	·190	96	90	SW 1	SW 1	6	0	·140	⟋ a.
24	·880	·767	46·4	44·9	34·8	50·1	·268	·268	86	90	SW 3	SW 2	10	10	·370	⟋ a.
25	·692	29·584	45·6	43·9	38·2	46·5	·289	·275	95	96	SW 1	SW 1	10	5	·330	
26	29·517	28·684	35·0	51·9	33·3	52·2	·187	·373	92	97	SW 1	SW 4	3	10	·770	
27	28·711	28·740	43·5	41·4	36·8	53·2	·209	·233	74	90	SW 4	SW 5	6	6	·350	ꓘ ⟋ in past n. ⟋ a. and p.
28	29·052	29·512	44·9	42·2	39·2	47·1	·253	·238	85	89	W 4	W 3	7	0	·030	⟋ a.
29	·901	30·085	41·9	37·4	35·8	47·1	·261	·204	99	91	NW 1	NW 1	9	0	—	
30	29·994	29·935	40·9	42·7	35·8	44·3	·245	·250	96	91	SW 2	SW 2	10	10	·440	
Means	29·868	29·872	44·8	44·5	38·8	50·3	·278	·272	91·7	91·4	2·0	2·3	7·7	6·1	6·600	

HILLINGTON, NORFOLK.

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

NOVEMBER 1881.

Day.	Barometer at 32° and M.S.L. 9 a.m.	Barometer 9 p.m.	Air Temperature 9 a.m.	Air Temp. 9 p.m.	Min.	Max.	Tension of Vapour 9 a.m.	Tension 9 p.m.	Relative Humidity 9 a.m.	Relative Humidity 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	29·919	29·867	34·9	34·9	30·5	36·7	·161	·182	79	89	S 3	SSE 2	10	10	·020	☾ before 9a. Small ✳ (none lying)
2	·886	·921	39·9	37·9	33·1	42·9	·210	·208	86	91	SE 3	SE 4	10	10	—	Fair but windy. [3p.—5p.
3	·820	·866	38·8	45·0	36·3	45·6	·230	·297	98	99	SE 3	SE 0·5	10	10	·300	Cold. ● showers.
4	·810	·962	54·5	56·4	43·8	59·9	·416	·446	98	98	S 1	SW 2	10	10	·229	● 2 early a.
5	29·915	29·999	55·4	48·6	48·6	58·4	·406	·330	93	97	SW 2	SW 0·	8	7	·010	● early a. ☂ 9p.
6	30·116	30·230	46·9	39·1	39·1	57·2	·317	·234	99	98	SW 0·5	SE 0·	4	2	·004	☂ a. and p. Very fine and sunny.
7	·242	·173	44·1	47·4	37·2	53·1	·285	·317	98	97	S 0·5	SSE 0·5	8	10	·003	☂ a. and p. Fine a. Cloudy p.
8	·221	·216	49·6	47·6	43·6	54·3	·356	·328	100	99	SSE 0·5	S 1	10	9	·005	≋ early a.
9	30·138	·014	47·7	43·3	42·8	53·1	·306	·258	93	92	S 1	SSE 1	10	10	·002	☂ ☂ before 9a. Fine and sunny. ☂ 9p
10	29·992	·096	48·7	50·8	41·1	58·2	·342	·351	99	94	S 1	SW 0·5	5	10	·002	≋0 (mist) early a. Fine and sunny.
11	30·376	·133	49·0	52·3	48·3	55·5	·338	·357	97	91	SW 0·5	SW 2	10	10	·036	a. and 9p. [☂ 9p.
12	·044	·176	54·5	50·2	49·2	58·4	·361	·336	85	93	WSW 3	SW 4	1	3	—	● 2 4.30a. Very fine and sunny. ☂ 9p.
13	·341	·344	50·0	52·3	48·1	58·5	·343	·373	95	95	WSW 1	SW 2	10	10	·010	☂ ☂ a. and 9p. Very fine and sunny.
14	·340	30·299	52·6	49·9	49·1	53·9	·379	·355	96	99	SW 1	SSW 1	9	10	·003	☂ before 9a. ≋0 (mist) 9a. ≋ from [noon. ☂ 9p.
15	30·010	29·943	46·1	46·4	46·0	51·6	·278	·292	90	93	SSW 3	SW 4	10	0	—	Fine and sunny a. Cloudy p.
16	29·928	·621	48·1	52·6	41·7	54·4	·285	·374	85	95	SW 6	SW 6	7	10	·170	● 2 ✓ 2 (gale) p.
17	29·626	29·929	46·7	42·5	42·1	53·3	·270	·251	85	92	W 5	WSW 4	3	5	·002	Fine, but cloudy and windy.
18	30·293	30·328	35·0	43·1	31·8	45·9	·196	·265	96	95	W 0·5	SSW 5	0	10	·150	☾ 9a. Very fine and sunny. ● 2 [from 7.30p.
19	30·214	30·037	47·7	42·1	41·9	51·5	·313	·241	95	90	W 1	S 2	9	0	·004	
20	29·998	29·899	49·3	47·2	41·7	54·8	·335	·315	96	98	SW 1	SW 3	10	1	·073	☂ ☂ 9p.
21	·442	·654	51·3	48·3	45·0	51·7	·357	·301	95	90	SW 3	SW 5	10	10	·092	☂ ☂ before 9a.
22	·634	·936	51·5	39·2	39·1	57·7	·269	·227	71	95	SW 6	SW 1	3	0	·018	Fine and sunny. ✓ p. ☂ 9p.
23	29·807	·982	41·3	39·8	39·2	51·3	·253	·217	98	89	SW 1	SW 2	10	0	·022	● 2 6p. Very fine night.
24	30·017	·839	42·0	49·8	37·6	50·5	·238	·311	90	87	SW 3	SW 6	10	10	·488	Overcast all day.
25	29·736	29·600	51·6	45·4	44·8	51·6	·379	·292	99	96	SSW 1	SSW 0·5	10	4	·347	Very gloomy. ● 2 till 5p.
26	29·588	28·841	39·9	54·2	37·2	54·4	·221	·377	91	90	SW 2	SSW 8	3	10	·390	Very fine and sunny a. ● ✓ (gale) p.
27	28·880	28·915	46·6	44·7	43·2	55·4	·230	·229	73	78	SW 6	SW 9	0	1	—	✓ (gale) a. and p. ☂ p.
28	29·104	29·541	48·0	41·4	41·2	52·3	·264	·229	79	88	SW 5	SW 3	6	0	·010	☂ ☂ a. Very fine and sunny.
29	29·906	30·099	37·8	35·4	33·6	47·3	·209	·200	92	97	SW 1	SW 0·5	0	0	·014	☂ 2 a. Very fine and sunny. ☾ p.
30	30·096	30·056	42·6	43·1	34·2	45·7	·253	·237	93	85	SW 3	S 3	10	10	·003	
Means	29·913	29·917	46·4	45·7	41·0	52·5	·293	·291	91·5	93·0	2·3	2·8	7·2	6·4	2·407	

UPPINGHAM.

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

NOVEMBER 1881.

Day.	Barometer 9 a.m.	Barometer 9 p.m.	Air Temp. 9 a.m.	Air Temp. 9 p.m.	Min.	Max.	Tension 9 a.m.	Tension 9 p.m.	Relative Humidity 9 a.m.	Relative Humidity 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	29·878	29·837	31·3	33·1	30·1	34·1	·152	·185	86	98	SE by S 3	SE by S 1	10	10	·020	☾ a. ✳0 showers all day.
2	·865	·864	34·1	35·8	31·3	41·8	·191	·189	97	90	E by N 1	SE 3	10	10	·042	≋2 a. Day dull. Wind gusty p.
3	·789	·834	36·4	42·8	34·8	43·0	·209	·275	97	100	SE by E 3	Calm 0	10	10	·256	Scotch ≋ a. Gloomy. ●0 till 2p. [then ≋2.
4	·798	29·923	55·1	55·2	41·1	58·7	·432	·430	99	99	S by W 3	SSW 2	10	10	·190	≋2 6a. Warm wind. ☂2 9a. Dull.
5	29·900	30·019	55·1	49·1	48·9	57·0	·426	·342	98	98	SSW 4	SW 2	10	7	·093	Damp, warm day. ●0. ≋2 11p.
6	30·119	·233	46·1	44·4	43·8	55·3	·305	·283	98	97	W by S 1	W by S 1	1	2	—	Day very fine and bright. ☂0 9p.
7	·236	·173	45·0	47·7	43·2	52·3	·294	·329	98	99	S by W 1	S by E 1	10	10	·010	☂ a. Dull day. Scotch ≋0 9p.
8	·199	·194	50·1	49·1	47·0	52·0	·362	·349	100	100	SSE 1	SSE 2	10	10	—	☂2 7a. ≋2 till noon and from 4p.
9	30·115	·009	45·4	42·2	42·2	53·6	·304	·256	100	95	SE 1	SSW 2	10	0	—	☂ a. ≋ till 11a. ∞ p. [☂ 9p.
10	29·961	·105	52·2	53·2	40·3	56·0	·380	·360	98	89	SSW 4	W by S 2	10	10	—	≋ till 8a. ∞2 11p.
11	30·212	·128	50·1	51·7	47·9	55·2	·331	·360	91	94	SW 3	SW 5	9	10	·027	Day overcast. Wind rising after 7p.
12	·060	·173	52·0	51·1	50·7	57·3	·351	·340	90	90	WSW 4	WSW 5	0	1	—	Much cirrus a. Bright and warm p.
13	·324	·363	52·1	53·4	49·7	57·5	·360	·370	92	91	W 3	W by S 2	9	10	—	Bright 2p.—5p. [Wind rising.
14	·353	30·226	51·3	46·9	46·9	53·7	·378	·298	100	93	swb.w 2	S by W 5	10	1	—	∞ 5a. ≋ a. Dull p. Rough ✓ n.
15	30·009	29·962	44·5	46·3	42·3	51·2	·261	·272	89	88	S by W 5	swby w 5	9	0	—	Squally 7a. Scotch ≋0 3p. Rough ✓.
16	29·901	·596	48·2	53·2	40·0	53·2	·283	·371	85	92	swby s 6	swby s 7	8	10	·190	✓ 7a. and all day. ●0 from 4p. ●2 7p.
17	29·632	29·967	45·8	41·2	41·0	53·3	·266	·231	86	90	W by S 5	WNW 1	1	0	—	✓ n. Bright a. Chilly and gloomy p.
18	30·287	30·296	37·6	43·4	30·0	43·8	·224	·274	99	98	S 1	S 3	2	10	·125	≋0 ☾ 7a. ∞ 9a. Gloomy and [cold p. ✓ 11p.
19	30·183	30·008	48·1	43·6	41·9	50·6	·313	·268	93	94	SSW 3	S 6	10	10	—	Gloomy a. Much cir. 3p. Coloured [sunset. Rough ✓ 9p.
20	29·987	29·868	46·2	46·7	41·9	53·9	·308	·304	99	96	SSW 1	S by W 2	2	4	·026	Sunny a. Cloudless 4p.—6p. ☂0 9p.
21	·408	·652	49·1	45·9	44·2	51·0	·316	·285	91	93	swby s 3	SSW 5	10	10	·090	Squally ✓ ● n. Bright and cold p.
22	·639	29·918	47·8	38·8	38·5	55·9	·265	·220	80	94	swby s 4	S 2	3	0	·037	Squally ✓ n. ● a. Cloudy a. Bright
23	·804	30·006	42·8	38·2	37·8	49·3	·273	·208	99	91	SSW 1	SSW 1	7	1	·061	● early a. [p. ☂ 9p.
24	·953	29·792	46·9	50·3	35·6	51·1	·295	·355	93	97	S by W 6	S 6	10	10	·260	Red dawn. Wind rising. Overcast all [day. ✓ ●0 after 7p.
25	·704	29·604	46·9	41·7	41·7	59·3	·322	·257	100	98	S 1	WSW 1	10	9	·619	Great gloom and ≋ 11a.—Noon, then [● 2. Bar. 29·557, 1p.
26	29·576	28·877	36·6	54·5	34·4	54·5	·207	·387	95	91	SSW 2	SW 9	0	10	·321	☂ 9a. ● from 2p. ✓ 2. Bar. 28·747. [11.49p.
27	28·827	28·869	43·5	40·4	38·3	54·6	·212	·220	75	88	swby s 9	SW 9	1	0	·011	Squally ✓ (never less than force 8).
28	29·096	29·553	47·7	40·0	39·9	49·9	·269	·224	82	91	swby w 6	SW 3	8	0	—	Rough ✓ till 7a. Less cloud after 9a.
29	29·926	30·099	38·0	37·1	36·2	45·9	·216	·219	95	99	W 2	W by S 1	0	0	—	☂2 a. and p. Bright and clear. ∞ 9p.
30	30·048	29·989	42·0	42·1	34·8	47·0	·263	·264	98	98	S by E 2	S by E 4	10	10	·068	≋0 (mist) a. ☂ 9a. Day cloudy. [≋6p.
Means	29·893	29·905	45·6	45·3	40·5	51·4	·292	·291	93·4	94·4	3·0	3·3	7·0	6·2	2·446	

CHURCHSTOKE.

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

NOVEMBER 1881.

Day.	Barometer at 32° and M.S.L. 9 a.m.	Barometer 9 p.m.	Air Temperature 9 a.m.	Air Temp. 9 p.m.	Min.	Max.	Tension of Vapour 9 a.m.	Tension 9 p.m.	Relative Humidity 9 a.m.	Relative Humidity 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	29·703	29·790	35·1	37·3	32·4	38·6	·181	·214	88	96	SE 10	SE 1	8	10	—	✳ ● ✓ a.
2	·824	·825	38·2	34·9	34·0	42·9	·206	·165	90	80	SE 2	SE 4	10	10	·170	≋0 (mist) a. Dull and cool.
3	·680	·841	37·5	43·8	33·8	45·5	·213	·286	95	100	SE 4	SE 1	10	10	·110	≋0 (mist). ≋ later.
4	·760	29·887	56·9	54·9	42·1	60·2	·418	·404	90	94	SW 2	SW 1	8	10	·205	Dull and warm. ●0
5	29·836	30·071	56·9	45·2	43·0	58·7	·436	·275	94	92	SSW 2	SSE 1	10	4	·050	✳ ● 2 early a. Warm.
6	30·120	·243	50·8	45·9	42·9	57·1	·319	·285	86	93	SW 2	SW 1	2	8	—	☾ a. Bright, clear, and hot.
7	·205	·162	46·1	49·9	41·1	50·9	·293	·357	94	99	E 1	SE 1	8	10	·015	≋ a. Cloudy and cool.
8	·175	30·150	51·9	51·0	49·2	55·7	·375	·362	98	100	SE 1	SE 4	10	10	—	Dull. ≋0 (mist) on hills. ≋
9	30·053	29·962	50·7	47·6	45·9	52·4	·352	·288	95	88	SE 4	SSE 1	10	6	·005	≋0 (mist) a. Dull and cool.
10	29·931	30·149	54·9	52·1	43·6	57·2	·375	·346	89	89	SW 2	SW 4	6	5	—	Dull and mild.
11	30·151	·080	53·7	53·0	51·0	55·3	·360	·328	87	81	SW 5	SW 2	8	8	·094	Dull and mild.
12	·082	·215	53·9	54·1	50·4	58·7	·336	·335	81	80	SW 2	WSW 2	2	10	—	Fresh, clear, and bright.
13	·320	·377	54·9	58·5	52·5	61·7	·378	·412	89	84	SW 2	SW 1	8	6	—	Clear, warm, and breezy.
14	30·348	30·196	55·7	44·8	43·5	61·4	·366	·262	83	88	SW 2	SSW 1	4	1	—	Clear, bright, and hot.
15	29·888	29·976	50·3	46·3	40·2	56·3	·306	·246	84	79	SSE 5	SW 2	5	2	·040	✓ ●0 a.
16	·795	29·576	49·9	50·4	42·8	54·0	·309	·298	87	82	SSW 8	SSW 6	8	10	·372	✓ ●2 a. Stormy all day. ☂ 9p.
17	29·719	30·063	46·8	42·4	40·5	51·5	·261	·247	82	91	WSW 2	SW 1	5	7	·094	T ● early a. T p.
18	30·277	30·182	35·9	49·8	31·5	50·1	·194	·295	93	83	E 1	SSW 6	8	10	·092	☾ ●2 ✓
19	30·102	29·907	51·1	49·7	48·0	53·6	·304	·292	81	83	SW 3	SW 3	9	5	·021	Squally before 9a. Dull day.
20	29·950	·758	47·3	48·4	44·5	53·5	·283	·276	88	82	W	SW 3	1	8	·215	Slight earthquake (?) 2a.
21	·410	·447	47·1	48·0	44·1	50·8	·295	·290	91	87	W 3	SW 8	9	10	·127	☂ 9p. Squally ✓ 2 ●.
22	·610	·848	46·3	43·4	41·4	56·2	·223	·228	72	80	W 5	WSW 2	5	0	·111	Squally ✓ before 9a. ☂ 9a. ▲ ● p.
23	·784	·986	45·8	41·7	38·8	50·2	·251	·222	82	85	WSW 1	WSW 2	8	1	·137	▲ ● showers. [< to W.
24	·848	·762	49·7	47·2	38·7	53·0	·270	·288	77	90	SW 3	SW 2	8	10	·301	
25	·657	29·614	45·6	38·0	37·5	48·8	·287	·211	94	92	S 1	SW 1	9	1	·168	☾0 p.
26	29·527	28·675	37·6	54·3	35·3	54·7	·194	·387	86	92	SW 2	WSW 8	1	10	·535	☾ a. Squally ✓ 2 ●2 p. ☂ 9p.
27	28·715	28·764	46·1	44·4	39·0	55·2	·221	·238	71	82	WSW 7	WSW 5	5	3	·170	9a. Squally ✓ ●.
28	·118	29·604	46·8	42·7	41·7	49·2	·265	·235	83	85	W 4	NW 2	9	5	·003	9p.
29	·962	30·049	38·4	41·1	37·1	45·3	·212	·226	92	88	W 1	WNW 0·5	0	0	—	☂ ☂ a. Bright and warm.
30	29·900	29·824	44·8	46·0	35·0	48·6	·254	·287	85	93	WNW 5	SW 4	8	10	·626	✓ a. ●2 p. and all n.
Means	29·848	29·866	47·6	46·9	41·4	52·9	·291	·286	86·9	87·9	3·1	2·7	6·6	6·7	3·661	

GELDESTON.

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

NOVEMBER 1881.

Day.	Barometer 9 a.m.	Barometer 9 p.m.	Air Temp. 9 a.m.	Air Temp. 9 p.m.	Min.	Max.	Tension 9 a.m.	Tension 9 p.m.	Relative Humidity 9 a.m.	Relative Humidity 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	29·952	29·894	36·2	36·1	32·2	37·7	·170	·194	79	91	SSE 3	Calm 0	10	10	·020	
2	·890	·890	40·9	38·1	35·8	40·9	·197	·187	78	81	ESE 2	ESE 4	9	10	·030	
3	·859	·848	39·9	47·8	37·8	47·8	·227	·330	93	99	SE 3	Calm 0	10	10	·210	≋ 9p. Much cirrus. 3p.
4	·888	29·986	53·7	58·1	46·9	60·6	·396	·438	96	90	SSW 2	SW 2	10	10	·070	Damp a.
5	29·978	30·020	54·1	57·2	51·6	59·8	·384	·426	91	91	SSW 1	SW 2	10	8	—	☂0 9p.
6	30·121	·242	50·9	44·1	43·9	58·8	·349	·285	94	98	W 1	Calm 0	10	0	·010	≋0 ☂ 9a. ☂2 9p.
7	·245	·204	44·8	46·9	41·2	53·5	·283	·307	96	96	Calm 0	Calm 0	10	9	—	≋ a. ≋0 ☂2 9p.
8	·223	·246	50·9	46·0	44·0	54·0	·351	·304	95	98	SE 1	ESE 1	10	0	·010	≋0 9a. Mare's tails 1p. ☂2 9p.
9	·162	·043	47·6	42·1	41·8	51·7	·315	·262	96	97	SE 1	SE 1	8	7	·010	≋ early a. ≋0 ☂2 9a. Coloured [○ noon. Much cirrus all [day. ☾0 9.35p.
10	·018	·109	49·3	53·1	40·0	58·8	·341	·351	97	86	WSW 2	WSW 2	9	1	—	≋0 ☂2 9a. ☂0 9p.
11	·237	·181	50·0	52·8	46·1	54·7	·334	·358	93	89	Calm 0	SW 3	7	10	·020	≋0 ☂2 9a. ☂0 9p.
12	·028	·194	55·0	50·7	48·9	59·7	·372	·325	86	88	WSW 4	WSW 2	1	3	—	☂ on grass 9p. [9p.
13	·337	·369	51·3	52·0	49·2	60·0	·344	·358	91	92	W 1	WSW 1	10	10	—	9a. Mare's tails 1p. ☂ on grass
14	·336	30·269	53·9	50·0	49·0	55·3	·389	·358	94	99	W 2	WSW 1	10	10	—	☂ early a. ≋0 ☂ 9a. ≋2 ☂0
15	·066	29·965	47·1	50·9	46·1	51·7	·300	·343	93	92	SSW 2	WSW 3	10	0	—	☂0 9a. and 9p. [9p.
16	30·011	·682	48·9	52·9	42·2	54·6	·284	·367	82	92	SW 4	WSW 7	7	10	·120	☂ 9a. ✓ 9p. [☂0 on grass 9p.
17	29·627	29·922	48·9	44·1	43·9	53·9	·274	·251	80	86	W 5	WNW 3	0	0	·010	✓ (force 6) a. Mare's tails noon.
18	30·279	30·359	38·9	44·1	36·6	49·6	·219	·254	93	87	Calm 0	SSE 1	0	10	·020	≋0 ☂2 9a. ☂0 9p.
19	·260	30·079	48·5	44·1	43·9	51·7	·303	·262	89	90	SW 1	SSW 3	9	0	·030	☂0 9p.
20	30·023	29·954	48·1	48·0	42·2	53·9	·321	·327	96	98	SSW 2	SSW 2	10	0	·010	☂2 9p.
21	29·543	·754	52·0	47·1	45·9	52·8	·333	·276	85	86	SSW 7	SW 4	10	8	·060	Squally ✓ ● 10a.—11a. Fine p.
22	·667	29·973	54·8	43·2	43·0	57·2	·302	·234	71	84	WSW 4	SW 1	7	0	—	Squally a. Mock sun 9.5a. ∞. ☂
23	29·829	30·023	47·9	43·0	40·8	53·1	·312	·232	95	83	SSW 3	WSW 3	9	0	—	☂ 9a. [9p.
24	30·089	29·927	49·0	50·0	40·1	50·5	·298	·304	86	85	SSW 4	SSW 6	10	10	·240	Wind rose p. (to force 7 in squalls).
25	29·788	29·603	51·1	50·0	48·7	51·7	·368	·339	98	94	SSW 4	SW 2	10	10	·150	● nearly all day.
26	29·619	28·975	42·3	53·0	40·8	53·0	·242	·347	90	86	SSW 3	SSW 10	1	10	·330	☂2 9a. Clouded by 3p. ● from 4p.
																[✓ (force 6) 5p. ✓2 later, fearful
																[gale, force 12 in squalls. < to S.W.
27	28·951	29·010	49·2	45·1	44·1	55·6	·251	·230	71	76	SW 6	SW 8	0	0	—	✓2 ▲2 < to W. early a. Bar. 28·82.
																[1a. ✓ all day. < to S. p.
28	29·158	29·567	48·1	44·0	43·8	52·1	·282	·263	84	91	SW 6	SW 2	4	0	—	✓ (force 7), very early a. ☂0 9p.
29	29·911	30·115	38·9	38·9	37·0	49·1	·219	·231	93	98	WSW 1	SW 1	0	0	·010	≋0 ☂2 9a. ≋0 9p. ☾ on grass
30	30·151	30·094	43·0	44·1	35·3	44·1	·257	·245	93	84	S 2	S 3	10	10	—	☂2 9a. [10p.
Means	29·942	29·950	47·8	47·3	42·8	52·9	·301	·300	89·3	90·2	2·6	2·6	7·4	5·5	1·360	

CHELTENHAM.

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

NOVEMBER 1881.

Day.	Barometer at 32° and M. S. L. 9 a.m.	9 p.m.	Air Temperature. 9 a.m.	9 p.m.	Min.	Max.	Tension of Vapour. 9 a.m.	9 p.m.	Relative Humidity. 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	29·761	29·767	34·8	38·5	33·0	39·0	·179	·225	89	97	S	3	S	4	10	10	·060	✳ 9a. and before.
2	·797	·806	38·1	35·5	34·0	44·4	·200	·169	87	82	W	1	SE	2	6	6	·040	Fine day. ⸝ ● n.
3	·680	·815	39·4	47·2	34·0	49·6	·227	·321	95	99	SE	5	SE	2	10	10	·110	⸝ a. ☿
4	·788	29·923	59·0	58·5	46·3	61·3	·446	·431	90	89	SW	2	SW	2	7	10	·150	Dull, damp, and warm. Very close.
5	29·911	30·055	57·6	50·8	50·0	60·0	·430	·351	90	94	S	2	S	1	10	4	·190	[sunny day.
6	30·130	·256	48·3	37·9	37·1	55·1	·327	·220	97	97	S	1	SE	1	5	3	·040	≋² (mist) 9a. Beautiful, warm,
7	·197	·177	49·7	54·0	36·5	54·4	·325	·403	92	97	S	1	Calm	0	10	10	·010	Fine, but close.
8	·174	30·161	53·8	52·8	50·5	55·5	·391	·353	94	88	S	1	S	2	8	10	·010	Dull day.
9	30·058	29·960	51·4	49·0	43·0	55·0	·364	·297	96	86	S	1	SE	2	10	5	—	Fine day.
10	29·972	30·161	56·0	53·6	47·4	56·8	·396	·369	88	90	SW	2	SW	1	10	8	—	Dull day.
11	30·223	·098	53·6	54·2	51·0	57·4	·369	·371	90	89	S	1	S	3	10	10	·060	Dull day.
12	·111	·249	54·2	53·6	51·3	59·5	·379	·366	91	89	SW	2	SW	2	8	0	—	Very fine and bright.
13	·380	·408	53·8	55·8	49·0	57·8	·374	·381	90	86	W	2	S	1	5	10	—	Lovely day.
14	30·375	·225	53·0	46·7	46·0	56·0	·374	·281	93	89	SW	1	SW	1	10	0	—	Dull day.
15	29·998	30·025	47·8	49·2	44·4	56·0	·281	·330	85	95	S	3	S	2	8	0	—	Very fine day. Meteors at night.
16	·933	29·631	52·5	54·9	45·5	55·5	·329	·382	83	89	SW	4	SW	4	6	10	·190	
17	29·742	30·039	49·2	45·0	39·0	55·0	·263	·278	75	93	SW	2	SW	1	6	0	—	Very fine day.
18	30·273	30·267	34·1	48·5	28·8	49·0	·174	·308	88	91	SE	1	S	2	1	10	·080	⌐ a. Dull, with ● showers.
19	30·169	29·970	51·0	47·6	46·3	53·3	·311	·271	83	83	S	3	S	5	9	1	·010	Very pleasant day. Squally p.
20	29·991	·742	51·4	49·5	45·2	56·5	·325	·303	86	87	S	1	S	4	1	7	·150	Very fine day.
21	·460	·623	49·5	50·0	47·0	53·0	·304	·301	87	84	SW	3	S	3	6	10	·250	Squally a. ⸝ at night.
22	·713	29·908	49·7	46·1	43·5	58·4	·270	·233	77	75	SW	3	SW	2	8	0	·070	Squally a. < 9p.
23	·820	30·040	47·5	44·5	41·5	51·0	·280	·240	87	82	Calm	0	SW	1	6	0	·020	Fine, but windy.
24	·932	29·786	50·0	53·8	40·5	55·0	·292	·391	81	94	S	3	S	3	8	10	·230	● showers. Windy.
25	·668	29·633	50·0	42·1	41·0	54·1	·348	·238	97	89	S	2	S	1	10	0	·310	Dull with ● all day. [(gale) n.
26	29·567	28·821	41·1	57·0	36·0	57·0	·209	·393	81	84	S	2	S	8	0	10	·660	Fine a. ⸝ (very stormy) aft. ●² ⸝
27	28·851	28·933	47·3	45·4	41·5	57·5	·308	·297	95	98	SW	6	SW	8	5	2	·210	Squally ⸝ a. and p. Bright a. ●
28	29·175	29·615	48·5	44·1	43·2	52·0	·278	·244	82	84	SW	3	W	1	3	0	·060	Squally before 9a. Fine. [showers p.
29	·945	30·090	35·2	42·2	31·6	47·6	·197	·226	96	85	Calm	0	SW	1	0	0	·010	⌐ a. Fine during the day.
30	29·985	29·894	46·1	47·0	38·5	48·4	·265	·277	86	87	S	3	S	3	6	0	·330	Fine day. ●² ⸝ n. Roses, violets,
Means	29·893	29·903	48·5	48·5	42·1	54·0	·307	·308	88·4	89·1		2·1		2·4	6·7	5·2	3·250	[stocks, and wall-flowers [in full bloom.

CARMARTHEN.

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

NOVEMBER 1881.

1	29·663	29·734	40·1	35·7	35·4	44·7	·235	·207	95	99	SE	5	E	2	10	3	·050	Squally before 9a.
2	·731	·720	42·3	40·1	34·2	47·6	·233	·196	87	79	E	2	E	3	3	10	·110	
3	·568	·752	47·6	50·7	38·2	59·2	·321	·365	97	99	SE	5	SE	1	10	10	·290	
4	·780	29·864	54·9	55·3	50·1	56·5	·431	·434	100	99	S	2	S	1	10	10	·740	
5	29·843	30·010	54·5	49·0	47·9	56·8	·425	·348	100	100	S	1	S	2	10	7	·020	
6	30·148	·226	52·9	49·5	47·9	58·7	·389	·355	98	100	SW	1	SW	1	4	7	·070	
7	·154	·122	50·4	54·7	48·2	55·3	·339	·428	93	100	N	1	Calm	0	9	10	·070	
8	30·119	30·056	50·9	54·2	49·0	63·7	·367	·377	99	90	E	1	S	1	8	3	—	
9	29·983	29·907	54·2	51·2	50·8	58·1	·358	·340	85	91	E	2	E	1	6	4	·090	⌒ 11a. ☿ 9p.
10	29·974	30·190	54·7	53·1	49·9	57·0	·407	·393	95	97	SW	4	SW	1	10	10	·050	
11	30·183	·055	53·4	54·7	52·6	56·1	·391	·393	96	92	S	2	SW	4	10	10	·230	
12	·138	·290	54·2	53·9	52·4	56·8	·371	·389	89	94	W	3	SW	3	10	5	·010	
13	·387	·408	51·7	53·9	51·4	54·5	·381	·416	99	100	SW	2	SW	2	10	10	·080	
14	30·349	·156	51·9	47·8	47·6	54·4	·386	·294	100	88	S	2	W	4	10	1	·010	
15	29·877	30·032	52·6	45·8	45·2	56·0	·379	·262	96	86	S	5	W	2	10	0	·120	
16	·857	29·604	51·1	52·7	44·4	54·2	·367	·367	98	92	SW	6	W	5	10	10	·720	
17	29·787	30·147	49·9	44·1	43·5	53·9	·274	·253	77	87	W	2	Calm	0	1	0	—	⌒ 1p.
18	30·273	30·189	38·3	51·7	34·1	51·8	·230	·370	99	96	Calm	0	S	3	10	10	·240	
19	30·085	29·892	52·4	52·9	50·8	53·7	·356	·381	90	95	S	2	W	3	10	10	·100	
20	29·927	·710	52·5	51·1	46·7	55·2	·370	·316	94	84	SW	4	W	6	8	0	·420	
21	·480	·415	49·9	52·9	46·5	53·1	·297	·389	83	98	W	3	W	7	6	10	·240	Squally a. and p.
22	·607	·824	48·8	49·6	44·5	55·8	·240	·267	69	75	W	4	W	6	3	1	·360	Squally before 9a.
23	·797	·998	46·8	39·5	39·1	52·2	·256	·229	80	94	SW	4	W	1	2	4	·070	⌇ ●² △ 0.15 a. Squally before 9a.
24	·801	·682	52·9	49·9	39·1	53·9	·319	·335	80	94	S	6	W	2	10	2	·710	
25	·650	29·604	47·0	41·6	41·3	50·4	·307	·239	96	92	W	1	W	2	10	4	·200	△ 6p.
26	29·468	28·770	43·0	50·2	34·9	54·5	·231	·259	80	72	SW	2	W	7	9	4	·810	
27	28·766	28·829	48·1	46·0	41·0	51·0	·238	·264	71	86	SW	8	SW	8	8	10	·180	⌇ 0.30 a. Squally ⸝ a. and p.
28	29·242	29·679	49·2	40·9	40·7	52·4	·273	·237	78	93	W	2	Calm	0	3	0	—	Squalls before 9a.
29	·989	30·006	37·6	45·3	33·9	51·0	·221	·228	99	92	Calm	0	E	2	0	0	·040	⌐² ≋ ● 9a. ☿ 9p.
30	29·828	29·774	48·8	46·4	43·7	50·5	·288	·301	84	96	S	5	W	1	10	10	·890	
Means	29·848	29·855	49·5	48·8	44·2	54·2	·323	·323	90·2	92·0		2·9		2·7	7·7	5·8	6·920	

MARLBOROUGH.

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

NOVEMBER 1881.

Day.	Barometer at 32° and M. S. L. 9 a.m.	9 p.m.	Air Temperature. 9 a.m.	9 p.m.	Min.	Max.	Tension of Vapour. 9 a.m.	9 p.m.	Relative Humidity. 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	29·808	29·800	36·7	39·7	34·7	39·9	·168	·222	77	91	S	2	SE	1	10	10	·030	✳⁰ a. and p.
2	·812	·807	35·1	34·8	32·0	43·9	·198	·170	97	83	Calm	0	E	1	10	10	·090	≋⁰ (mist) 9a. and before.
3	·712	·835	39·7	49·7	34·0	52·2	·239	·344	98	96	SE	1	Calm	0	10	10	·200	≋ a. and p.
4	·850	29·951	56·6	56·6	48·3	57·6	·437	·437	95	95	SW	1	SW	1	10	10	·300	≋ a. and p.
5	29·949	30·089	56·8	51·5	51·0	57·4	·425	·360	92	95	W	1	Calm	0	10	9	·080	
6	30·173	·293	49·1	39·9	39·9	59·6	·342	·239	98	98	Calm	0	Calm	0	10	6	·020	≋ a.
7	·217	·181	48·7	53·0	39·9	54·0	·315	·391	92	97	Calm	0	Calm	0	10	10	·010	
8	·205	·172	51·7	50·9	48·2	54·1	·381	·365	99	98	Calm	0	SE	1	10	10	—	≋² a. and p.
9	·076	·005	49·8	47·7	47·3	55·0	·353	·292	98	89	SE	1	S	2	10	9	—	≋ 9a. and before.
10	·042	·208	54·7	52·6	47·3	56·1	·393	·366	92	93	W	1	W	1	10	10	—	
11	·257	·180	52·7	52·7	48·8	55·7	·366	·370	92	93	SW	1	W	2	10	10	·130	
12	·163	·296	51·8	52·6	50·6	57·3	·374	·369	97	93	W	1	SW	1	10	10	—	
13	·426	·445	51·7	52·6	50·9	60·1	·352	·369	92	93	Calm	0	Calm	0	10	10	—	
14	·408	·273	49·8	45·8	45·7	52·7	·353	·281	98	92	Calm	0	Calm	0	10	10	—	≋ 9a. and before.
15	·048	30·074	46·7	47·7	45·2	53·1	·278	·280	88	85	S	1	W	1	10	10	—	
16	30·020	29·717	48·7	52·9	41·2	53·1	·289	·389	85	98	SW	2	S	3	6	10	·320	⸝ p.
17	29·778	30·057	46·2	40·6	40·4	53·8	·273	·236	89	93	W	1	Calm	0	1	0	—	⸝ before 9a.
18	30·317	·327	33·0	46·7	31·1	49·0	·184	·304	98	96	Calm	0	Calm	0	1	10	·040	≋ 9a. and before.
19	·228	30·047	48·6	43·4	43·2	50·8	·299	·250	88	89	SSE	1	SSE	1	10	0	·040	
20	30·044	29·882	49·6	50·7	43·1	56·0	·334	·342	95	92	W	1	SW	2	9	4	·220	
21	29·525	·691	47·5	48·6	46·0	52·2	·287	·315	89	93	SW	2	SW	4	10	10	·150	⸝ before 9a.
22	·753	29·970	49·7	41·9	41·8	50·1	·260	·236	74	90	SW	1	S	1	7	0	·110	⸝ before 9a.
23	29·856	30·093	45·7	41·0	41·0	52·2	·276	·227	91	89	SW	1	S	1	8	0	·040	
24	30·017	29·840	48·8	51·8	40·1	51·9	·309	·374	90	97	S	3	SW	5	10	10	·740	⸝ p.
25	29·693	29·663	50·5	43·0	42·5	52·0	·362	·251	99	90	S	1	Calm	0	10	10	·520	
26	29·630	28·950	37·9	54·5	36·5	54·5	·204	·396	90	94	S	1	SSW	5	1	10	·540	⸝ p.
27	28·978	29·045	44·6	43·1	42·4	54·5	·210	·195	71	69	S	3	S	3	0	1	—	⸝ a. and p. < 5.30p.–6p.
28	29·254	29·655	45·7	40·3	39·7	51·1	·268	·227	88	92	SW	2	Calm	0	6	0	—	
29	29·988	30·141	35·5	35·9	33·1	51·1	·199	·207	97	98	Calm	0	Calm	0	0	0	—	≋⁰ (mist) 9a.
30	30·049	29·958	43·7	45·5	34·0	46·4	·269	·281	94	93	SSE	2	SE	3	9	10	·240	
Means	29·943	29·955	46·9	46·9	42·0	52·9	·300	·303	91·4	92·1		1·0		1·3	7·8	7·3	3·820	

STRATHFIELD TURGISS.

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

NOVEMBER 1881.

1	29·853	29·818	37·8	38·5	33·0	39·8	·170	·214	75	92	S	3	SE	2	10	10	·070	✳ a. and p. ≋ p.
2	·815	·833	40·1	37·1	31·9	45·8	·223	·178	90	80	SE	2	SE	3	10	10	·088	≋ a.
3	·770	·849	41·1	51·0	35·5	54·8	·247	·355	96	95	SE	2	SW	1	10	10	·193	≋ a. and p.
4	·870	29·979	56·8	57·8	48·8	58·8	·444	·447	95	93	SW	3	SW	3–4	10	10	·054	≋ a. ⸝ p.
5	29·975	30·050	59·7	54·4	52·9	63·7	·409	·391	80	93	SW	3	SW	2	8	5	·063	Squally a.
6	30·170	·281	53·0	39·2	38·9	59·0	·394	·229	98	96	S	0–1	NW	1	8	3	·027	≋ 9a. and 9p.
7	·227	·161	49·9	53·7	38·8	55·9	·339	·393	95	95	S	0–1	Calm	0	7	10	—	≋ a.
8	·224	30·188	51·6	52·1	50·0	54·8	·374	·381	98	98	Calm	0	SW	0–1	10	10	—	≋ all day.
9	·106	29·975	50·3	43·0	42·8	58·5	·313	·259	86	94	E	1	SW	2	7	6	—	≋ ○ a. ☿ p.
10	·059	30·201	56·3	53·8	41·1	60·0	·388	·361	86	86	SW	3	SW	2	9	3	—	
11	·266	·195	54·9	52·7	43·9	57·9	·358	·360	84	90	SW	3	SW	2	10	10	·123	
12	·176	·286	54·3	53·0	50·7	58·5	·378	·371	90	92	W	3	NW	3	8	10	—	
13	·420	·455	51·9	52·1	49·1	59·9	·344	·336	89	86	SW	3	SW	2	10	10	—	
14	·424	·270	50·9	47·3	47·1	53·4	·349	·295	94	91	SW	2	SW	2	10	0	—	
15	·075	30·064	47·9	47·7	44·7	54·7	·274	·289	83	88	SW	3	W	3	6	4	—	
16	30·055	29·748	51·2	53·6	41·1	55·6	·324	·379	86	93	SW	3–4	S	3–4	7	10	·372	Squally ⸝ a. and p.
17	29·786	30·018	48·7	44·2	42·9	55·3	·268	·250	78	86	NW	4–2	NW	2	0	0	—	Squally ⸝ a.
18	30·313	·348	38·8	47·0	32·1	50·8	·222	·294	95	92	Calm	0	SE	2	0	10	·040	≋ 9a. ○
19	·259	30·075	48·7	44·4	43·3	52·1	·296	·260	87	89	S	2	SE	1	10	0	·015	
20	30·050	29·922	51·4	52·3	43·1	57·9	·345	·342	91	87	SW	2	SW	3	8	9	·193	
21	29·531	·759	50·3	51·2	47·4	54·3	·318	·333	88	89	SW	4–3	S	3	8	10	·213	Squally ⸝ a.
22	·774	29·983	51·3	43·0	41·1	51·8	·268	·244	72	88	W	2	NW	2	8	0	·015	Squalls before 9a. < p.
23	29·854	30·095	48·7	42·7	42·1	53·8	·301	·233	88	85	W	3	NW	1	6	0	·005	Squally 3p.
24	30·065	29·869	50·1	51·0	32·4	52·3	·304	·315	84	92	S	2	S	1	10	10	·525	Squally 3p.
25	29·722	29·655	53·3	45·3	44·1	54·8	·389	·286	96	95	SE	2	SW	2	10	9	·331	
26	·659	28·987	41·7	54·5	38·5	54·7	·222	·386	85	91	SW	3	SW	4–5	0	10	·717	Squally ⸝ △ p.
27	·018	29·086	44·7	45·0	43·1	56·5	·233	·224	79	75	SW	4–3	SW	4–5	7	1	·121	Squally ⸝ a. and p. < p.
28	·276	29·612	48·0	40·8	40·2	52·1	·277	·233	83	92	SW	3	W	1	6	0	—	Squalls before 9a.
29	29·978	30·129	35·0	33·3	31·9	48·5	·191	·179	94	95	Calm	0	Calm	0	0	0	·016	≋ 9a. and p.
30	30·096	30·004	45·9	46·6	31·2	48·8	·252	·276	83	88	S	2	SE	3–4	7	10	·085	Squally p.
Means	29·962	29·963	48·0	47·6	41·5	54·5	·307	·304	87·6	90·2		2·2		2·1	7·3	6·3	3·266	

RAMSGATE.

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

NOVEMBER 1881.

Day.	Barometer at 32° and M. S. L. 9 a.m.	9 p.m.	Air Temperature. 9 a.m.	9 p.m.	Min.	Max.	Tension of Vapour. 9 a.m.	9 p.m.	Relative Humidity. 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	29·932	29·891	34·0	38·8	31·5	40·2	·151	·183	74	78	SE 5′	SW 3	10	9	—	[5.15p. Cold and gloomy a. ✳ ● (sleet)
2	·819	·794	38·5	39·0	37·5	40·3	·187	·197	81	83	E 2	E 3	8	9	·080	Very cold, but dry.
3	·815	29·898	40·3	51·5	38·0	51·9	·227	·365	92	96	E 1	Calm 0	10	10	·110	Very cold, with ≋0 (mist). ≋ 7p.
4	·906	30·010	54·5	53·8	50·4	58·8	·407	·388	96	93	SW 1	Calm 0	10	9	·020	≋till 5a. Fine and dry p. Ψ. [Ψ.
5	29·997	·117	53·2	54·5	52·3	59·8	·358	·393	89	93	SW 1	Calm 0	10	9	·080	Day gloomy. Evening mild and bright.
6	30·180	·279	55·6	52·4	49·8	57·4	·421	·374	95	95	SW 1	Calm 0	10	0	·010	≋ a. and 4.30p.—9.30p. ∞ p.
7	·265	·167	50·0	52·0	46·0	52·9	·358	·385	99	99	Calm 0	Calm 0	10	10	·010	≋ a. and p.
8	·182	·180	51·5	49·0	49·0	52·8	·373	·324	98	94	Calm 0	SW 1	10	2	—	[and bright. ≋ in past n. and till 5p., then clear
9	·101	·110	46·2	48·9	45·5	50·9	·262	·259	85	75	E 2	SW 4	4	3	—	Bright, clear, and mild. Ψ p. [Ψ.
10	·097	·201	54·0	53·0	41·5	57·4	·391	·343	94	85	SW 3	Calm 0	9	1	—	Day cold and gloomy. Evening bright.
11	·262	·310	52·0	52·1	48·0	59·4	·366	·365	94	93	Calm 0	SW 1	10	10	—	Gloomy and cloudy.
12	·095	·290	52·5	49·6	49·6	60·2	·378	·338	96	95	SW 5	SW 1	6	0	—	Lovely sunny day.
13	·372	·461	52·0	49·5	48·5	59·2	·345	·339	89	96	SW 1	SW 1	8	5	—	Summer-like day.
14	·395	·280	51·2	49·5	48·5	52·2	·369	·339	98	96	Calm 0	SW 1	10	10	—	≋ 9a. and before. Overcast all day.
15	·106	30·105	48·2	50·8	45·5	51·2	·307	·348	92	93	S 1	SW 2	10	0	—	Cloudy a. Fine bright day. Wind rose p.
16	30·118	29·812	50·6	52·8	42·5	53·7	·329	·328	90	82	SW 4	SW 10	4	8	—	Bright a. ⸝2 (gale) p.
17	29·762	30·024	51·0	45·0	44·5	54·0	·275	·254	74	85	SW 5	SW 1	3	0	—	⸝ in past n. Day bright and clear.
18	30·262	·388	39·9	48·0	39·0	52·2	·227	·286	93	86	Calm 0	SW 1	5	0	—	⊔ a. Fine and bright.
19	·366	·135	47·9	46·0	46·0	49·2	·287	·264	87	86	S 3	SE 4	8	0	·060	Fine and balmy.
20	30·079	30·024	49·0	51·5	43·9	52·3	·322	·352	93	93	S 4	SW 3	10	10	·100	Wind increasing p.
21	29·624	29·838	51·0	50·5	47·8	54·7	·333	·327	89	89	S 11	SE 5	10	10	·060	[till evening ⸝2 in past n. ⸝ ●2 early a. ⸝
22	·793	30·039	54·9	44·4	43·5	56·2	·345	·261	81	89	SW 4	Calm 0	9	0	·050	⸝ ●0 till 6a. Day warm and bright.
23	29·887	·122	49·5	43·0	43·0	54·7	·344	·255	98	92	Calm 0	Calm 0	8	0	·020	Cloudy a. Fine and sunny p. [.
24	30·167	30·001	49·1	49·9	40·6	50·2	·296	·308	85	86	S 2	SW 7	8	10	—	Overcast a. and p. Mid-day clear with
25	29·835	29·650	53·0	50·0	48·5	53·2	·321	·331	79	92	S 5	Calm 0	8	10	·350	
26	·691	·181	41·5	52·0	41·0	52·2	·240	·335	93	86	SW 1	SW 12	5	10	·510	Dark and bleak with ●2 a., fine and [bright after. ●2 ⸝ Noon.
27	·104	·260	47·5	42·0	42·0	55·2	·276	·245	85	92	SW 5	SW 9	3	8	·480	[⸝2 (almost a hurricane) p. ⸝2 n., bright a., with less wind. ●2
28	·329	29·639	48·5	44·0	41·8	51·7	·292	·265	87	92	SW 7	Calm 0	10	0	·070	[▲2 10a. ⸝ ●0 early. ⸝ ●2 11a. Fine
29	29·977	30·221	40·0	39·3	32·5	49·7	·226	·232	92	97	Calm 0	Calm 0	0	0	—	[and bright after.
30	30·193	30·136	42·2	44·0	32·2	45·1	·264	·243	98	84	S 1	SE 4	10	8	—	⊔ a. Fine and sunny.
Means	29·990	30·019	48·3	48·2	43·7	53·0	·309	·308	89·9	89·8	2·5	2·4	7·9	5·4	2·010	Very cold and gloomy.

SOUTHAMPTON.

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

NOVEMBER 1881.

1	29·836	29·796	39·9	43·6	38·3	44·0	·180	·239	73	84	SE 5	SE 2	10	10	·057	⸝ (force 6) in past n. ▲0 11a.
2	·787	·778	41·1	38·4	37·3	47·3	·218	·199	85	86	E 2·5	E 4	10	10	·122	
3	·744	·835	47·0	51·6	38·1	55·4	·321	·382	99	100	SE 3	SW 1	10	10	·403	≋ p.
4	·903	29·993	50·5	57·4	51·2	58·1	·447	·432	98	92	SW 4	SW 4	10	10	·178	⸝ (force 6) before 9a.
5	29·992	30·097	57·4	54·5	54·1	61·0	·403	·408	86	96	SW 2·5	SW 1·5	9	10	·290	[9.30a. ≋ p. ⊔ 9p.
6	30·159	·270	54·0	45·2	45·2	61·2	·415	·292	99	97	SE 1	SW 1	10	10	·030	●2 early a. Very fine and mild after
7	·197	·180	51·6	52·7	44·9	56·9	·382	·395	100	99	ESE 2·5	Calm 0	10	10	·007	≋ a. and p.
8	·201	30·172	49·2	52·5	46·9	53·2	·348	·396	99	100	NE 1	ESE 3	10	10	—	≋ a. and during day.
9	·072	29·999	51·4	50·0	48·7	54·7	·333	·329	88	92	E 2	SE 2·5	9	10	—	
10	·084	30·213	56·0	55·0	48·8	58·5	·419	·406	93	94	SW 2·5	SW 2	9	10	—	Fine and mild.
11	·277	·204	54·8	53·7	50·7	57·2	·402	·396	93	96	SW 1·5	SW 3	10	10	·090	
12	·187	·326	53·9	54·5	51·9	59·8	·395	·384	95	91	WSW 1	SW 3	0	10	—	⸝ (force 6) early a. ●2 3.45a.—5.30a.
13	·447	·465	50·7	52·3	48·6	61·6	·352	·387	95	99	Calm 0	SW 3	8	10	·006	⊔ a. Beautifully fine and mild.
14	·405	·262	52·7	48·7	48·2	54·6	·367	·319	92	93	SW 1	S 3·5	10	10	—	
15	·066	30·107	50·0	47·5	46·9	54·9	·312	·294	87	91	S 2	SW 3	10	1	—	
16	30·083	29·774	53·0	53·7	44·2	56·0	·337	·396	84	96	SW 4·5	SW 7·5	9	10	·490	⸝ (force 6 to 7) all day. ●2 from 6.30p.
17	29·834	30·072	50·2	44·9	44·7	56·2	·289	·272	80	92	WSW 3	NW 2	1	0	·050	⸝ (force 7) before 9a. ⊔ p.
18	30·319	·350	36·7	50·1	35·4	50·6	·208	·344	96	95	Calm 0	Calm 0	0	10	·011	⊔ ≋ a.
19	·257	30·060	49·4	48·5	47·0	53·2	·307	·277	88	82	S 3	SW 3	8	0	·005	
20	30·056	29·932	52·5	53·0	48·0	58·0	·378	·380	96	94	SW 1·5	WSW 2	10	2	·415	
21	29·594	·740	51·1	53·8	50·1	55·3	·337	·356	89	85	SW 4	SW 5·5	9	10	·180	●⸝ (force 7) in past n. Squally 9p.
22	·807	29·984	53·8	49·6	46·2	57·2	·332	·290	80	89	WSW 2·5	SW 2	9	0	·068	● ⸝ (force 7) in past n. ⊔ 9p.
23	29·897	30·117	49·0	44·6	44·0	56·1	·330	·256	95	87	Calm 0	SW 1·5	10	0	—	
24	30·065	29·898	51·6	52·9	42·9	53·6	·338	·370	88	93	SSW 3·5	S 6	10	10	·464	⸝ all day. Squally after 7p.
25	29·721	·684	53·8	46·7	46·4	54·3	·397	·298	95	94	S 4·5	SW 3	10	10	·610	● till 3.30p.
26	·668	·005	42·5	55·0	40·4	55·3	·243	·415	90	96	SW 2	SW 9	7	10	1·190	⸝2 (force 9) all the evening.
27	·063	·125	45·0	43·9	43·0	55·7	·255	·240	86	83	SW 4	SW 5	5	9	·211	●2 ⸝2 (force 9) all past n. ▲2
																[8.5a. T 10a. Day very squally with
																[frequent ▲ ●. ≺ p. ▲2 ⸝2
																[(very violent storm) 8.15p.
28	·303	29·677	49·1	40·2	40·2	53·8	·297	·239	85	96	SW 2·5	Calm 0	1	0	·012	
29	29·997	30·146	33·7	37·1	32·7	48·7	·184	·217	94	98	E 0·5	SW 1	0	9	·005	●2 ⸝2 (terrific storm) 1a. Very [stormy all past n. ⊔2 9p.
30	30·091	29·978	46·8	47·7	36·3	48·3	·277	·297	87	90	SSE 3·5	SSE 4	10	10	·210	⊔ ≋ a. ≋0 ⊔2 p.
Means	29·970	29·975	49·5	49·2	44·7	55·0	·327	·330	90·5	92·7	2·4	2·9	7·8	7·7	5·104	

ST. LEONARDS.

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

NOVEMBER 1881.

Day.	Barometer at 32° and M. S. L. 9 a.m.	9 p.m.	Air Temperature. 9 a.m.	9 p.m.	Min.	Max.	Tension of Vapour. 9 a.m.	9 p.m.	Relative Humidity. 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	29·932	29·869	37·7	41·7	35·5	42·0	·166	·201	73	77	SSE 4	SSE 2	10	10	—	Overcast all day.
2	·833	·833	41·3	39·6	38·8	42·6	·204	·201	79	82	ESE 4	E 3	9	10	·094	Overcast all day. ✳0 ●0 (sleet) p.
3	·828	29·901	45·1	52·1	39·6	52·9	·279	·390	93	100	SSE 3	SW 2	10	10	·250	Overcast all day with almost constant
4	29·976	30·069	53·6	55·5	52·1	57·5	·410	·392	100	89	SW 3	SW 1	10	6	·164	Ψ p. [●0 ≋.
5	30·054	·134	53·9	53·0	53·0	55·9	·364	·366	88	91	SSW 2	SW 2	9	5	·087	Ψ p.
6	·175	·288	52·7	50·4	50·4	56·1	·395	·356	99	97	WSW 2	NNW 1	10	0	·050	⊔2 p.
7	·251	·187	51·6	52·9	48·6	55·8	·378	·396	98	99	ESE 1	Calm 0	10	4	·016	≋0 (mist) 9a. ⊔2 Coloured Ψ p.
8	·229	·222	51·7	52·5	48·7	53·9	·381	·370	99	93	Calm 0	ESE 3	10	10	·009	Overcast, with ●0. ≋. Coloured
9	·128	·050	49·3	49·6	47·4	52·9	·280	·282	79	80	ESE 3	SSE 2	4	3	—	○ in afternoon. Ψ at night. [Ψ p.
10	·118	·227	53·6	53·6	49·6	54·9	·392	·394	95	96	SW 3	WSW 3	9	10	·011	Overcast all day. ●0.
11	·316	·266	53·3	52·9	51·5	54·5	·390	·387	96	97	WSW 2	WSW 3	9	10	·020	Overcast all day. Ψ at night.
12	·184	·337	52·7	53·3	52·0	57·4	·387	·385	97	95	WSW 3	WSW 4	10	10	·010	
13	·438	·486	53·3	50·8	50·7	54·6	·362	·347	89	93	W 2	W 2	8	10	—	
14	·432	·336	52·0	48·2	48·1	52·9	·377	·325	97	97	W 2	WSW 2	10	10	—	Overcast all day.
15	·128	30·115	48·6	50·6	46·4	53·1	·305	·330	90	90	S 4	SW 3	10	1	—	Overcast till evening.
16	30·151	29·860	52·4	53·1	47·2	53·8	·343	·344	88	84	SSW 5	SSW 8	3	10	·095	⸝ (gale) from 8p.
17	29·817	30·046	51·2	44·1	44·1	54·2	·290	·258	77	89	W 4	NW 2	0	0	—	● ⸝ (severe gale) in past n. ⊔ p.
18	30·322	·393	42·6	50·0	38·7	51·0	·245	·293	89	82	N 1	SSW 3	0	8	—	⊔ 9a. Wind veered during day.
19	·322	·136	48·0	48·2	47·6	51·6	·302	·276	91	83	S 4	SSW 4	7	0	—	⸝ (force 6 in squalls) after 10p.
20	30·091	30·011	51·7	52·5	48·2	53·9	·357	·359	93	90	SSW 4	SSW 6	10	8	·180	⸝ (gale) after 10p. Squally.
21	29·647	29·844	52·4	53·0	50·0	55·0	·355	·342	90	85	SSW 7	WSW 6	10	3	·216	⸝ ● (force 9) till nearly 9a. ⸝ all [day. ⸝ (gale) after 9.30p.
22	·828	30·040	54·6	50·5	49·0	55·9	·350	·327	82	89	WSW 5	WSW 3	10	3	·023	⸝ (severe gale) till 4a. Squally 9a.,
23	29·910	·150	51·7	45·5	45·2	54·5	·371	·261	96	86	WSW 3	NW 2	10	0	·020	Partial ○ a. [bar. rising.
24	30·168	30·009	50·6	49·7	45·1	51·9	·326	·307	88	87	S 6	S 6	10	1	·020	Squally a. ⸝ all day. [Overcast.
25	29·826	29·674	53·6	48·8	48·8	54·4	·338	·333	81	96	SSW 5	WNW 2	10	10	·470	⸝ in past n. and during day. Squally.
26	·713	·183	44·0	52·6	42·0	53·5	·255	·353	88	89	W 3	SSW 11	9	10	·772	● all day. ⸝ (gale force in squalls)
																[from 10a. ⸝2 (force 10) 7p.;
																[force 11, 8p.—Midt. Therm. screen
																[blown down 8p.
27	·120	·202	51·5	50·6	42·0	54·0	·287	·265	75	72	WSW 6	WSW 8	4	6	·185	⸝2 till 2.30a., then moderated
																[suddenly, with ●2 and rising bar.
																[● ▲ during day. Partial ○ p.
																[≺ at night.
28	·345	29·667	50·1	46·6	44·0	52·0	·308	·274	85	86	SW 7	W 1	10	1	·048	⸝2 all past n. ● till 11a. ⊔ 9p.
29	29·980	30·167	43·0	41·4	38·0	53·0	·249	·247	90	96	WNW 3	NNW 1	0	0	·007	⊔ 9a. and 9p. Very fine day. Cir.-c.
30	30·171	30·095	46·4	44·4	37·0	47·0	·282	·255	90	88	SSW 3	S 3	10	10	·031	Overcast all day. [from SW., 11p.
Means	30·014	30·027	49·8	49·6	46·0	53·2	·324	·320	89·2	89·3	3·5	3·3	8·0	6·0	2·778	

DARTMOOR.

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

NOVEMBER 1881.

1	29·681	29·783	38·5	37·0	37·0	43·0	·233	·182	100	83	S 3	E 1	10	0	·060	✳ before 9a.
2	·713	·705	39·0	40·0	33·0	43·0	·238	·247	100	100	ESE 4	E 1	10	10	·490	≋ all day.
3	·605	·802	51·2	50·0	40·0	52·5	·377	·361	100	100	SW 3	SW 2	10	10	·760	≋ p.
4	·876	29·931	53·5	53·0	50·0	55·0	·410	·403	100	100	SW 1	SW 3	10	10	2·030	
5	29·914	30·097	53·2	49·0	49·0	54·0	·466	·335	100	97	SW 2	Calm 0	10	10	·220	≋ a. and p.
6	30·190	·268	46·2	45·0	42·0	54·0	·393	·299	98	100	W 1	Calm 0	1	10	·050	
7	·161	·185	50·2	46·0	44·0	55·0	·364	·311	100	100	Calm 0	Calm 0	10	2	—	≋ p.
8	·190	30·107	50·0	49·0	43·0	55·0	·361	·348	100	100	E 2	E 2	10	10	·050	≋ 9a. and p.
9	·013	29·985	49·2	48·0	44·0	54·0	·351	·335	100	100	E 2	S 2	10	10	—	≋ 9a. and before.
10	·073	30·246	50·5	48·2	47·0	53·0	·367	·338	100	100	S 1	NE 1	10	10	·220	≋ all day.
11	·257	·162	49·9	49·0	48·0	52·0	·360	·348	100	100	S 2	S 2	10	10	·120	≋ all day.
12	·225	·366	49·9	49·0	47·0	53·0	·360	·348	100	100	S 2	N 2	10	10	·420	≋ a. and p.
13	·448	·464	49·0	48·5	47·0	52·0	·348	·342	100	100	SW 2	NW 2	10	10	·020	
14	·355	·180	46·9	47·0	43·0	49·0	·322	·316	100	98	SW 1	S 3	10	6	—	
15	·008	30·146	47·9	45·0	40·0	49·0	·334	·254	100	85	S 2	SW 2	10	2	·100	≋ 9a.
16	30·022	29·784	48·2	49·0	39·0	51·0	·307	·348	92	100	S 4	NW 6	10	10	1·330	
17	29·928	30·142	44·9	43·2	42·0	49·0	·259	·264	87	94	W 3	SW 2	5	10	·030	
18	30·282	·274	44·9	48·0	37·0	48·0	·266	·309	90	93	SE 1	S 4	10	10	·030	
19	·171	30·006	45·9	48·0	44·0	48·5	·309	·335	100	100	S 3	S 3	10	10	·250	
20	30·028	29·870	47·9	46·0	43·0	48·0	·324	·311	98	100	SW 3	SW 3	10	10	1·130	
21	29·631	·586	49·2	50·0	44·0	50·0	·331	·361	96	100	SW 4	SW 5	10	10	·800	
22	·836	29·966	44·8	44·0	40·0	54·0	·245	·206	83	71	W 3	S 2	10	10	·080	
23	·910	30·148	44·0	41·0	37·0	48·0	·243	·216	84	84	W 2	W 1	10	0	·090	
24	·940	29·835	48·2	47·0	41·0	52·0	·284	·323	85	100	SW 4	SW 2	10	10	1·370	
25	·678	29·706	46·9	38·2	38·0	47·0	·322	·207	100	90	SW 3	W 2	10	0	·400	
26	29·646	28·939	47·5	51·5	28·5	51·5	·322	·381	98	100	W 3	NW 7	10	10	2·220	
27	28·998	29·072	41·5	41·5	36·0	51·7	·214	·211	83	81	SW 6	W 6	10	10	·230	
28	29·334	29·717	40·5	39·2	37·0	47·0	·245	·225	98	94	SW 2	NW 2	10	5	·030	
29	30·037	30·064	43·9	40·0	36·0	45·0	·229	·231	79	94	NW 2	SW 1	0	10	·050	
30	29·928	29·821	44·8	47·0	38·0	48·0	·276	·323	93	100	SW 4	SE 4	10	10	1·750	
Means	29·936	29·946	46·0	45·9	41·2	50·4	·310	·301	95·5	95·5	2·5	2·4	9·2	8·2	14·330	

Babbacombe.

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

NOVEMBER 1881.

Day.	Barometer at 32° and M. S. L. 9 a.m.	9 p.m.	Air Temperature. 9 a.m.	9 p.m.	Min.	Max.	Tension of Vapour. 9 a.m.	9 p.m.	Relative Humidity. 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	29·694	29·738	42·4	40·3	40·0	54·6	·253	·243	94	98	SSE 5	NW 1	10	3	·010	○⁰ and parhelia 2p.–2.20p. ⊔ on grass ⌓² p. ≡² 11p.
2	·714	·702	45·8	46·8	38·1	47·7	·262	·260	86	81	E 4	E 4	8	10	·300	≡ in past n.
3	·611	·803	52·2	53·0	44·3	60·5	·388	·394	99	98	S 4	SSE 1	10	10	·300	○ 2.30p. ⌓² 5p.–7p. ≡ 11p.
4	·865	29·937	56·5	55·9	53·0	57·5	·447	·441	98	99	SW 4	SSW 6	10	10	·700	Scotch ≡ 3.30p. Squally 9p.
5	29·924	30·083	56·5	52·8	52·8	57·6	·424	·388	93	97	SSW 4	SSW 2	10	10	·090	⌓ 6p.–10p. ≡⁰ (mist).
6	30·172	·250	53·3	49·7	48·0	59·7	·352	·318	86	89	WNW 2	WSW 1	1	10	·070	⌓² till 10a. and 5p.–10p. ≡⁰ (mist).
7	·149	·156	53·5	51·7	48·2	57·6	·407	·378	99	99	ESE 2	Calm 0	10	5	·020	≡ a. and p. ⌒ 9.15a. ⌓ p.
8	·165	30·109	51·7	52·2	50·9	53·6	·384	·391	100	100	ENE 3	ENE 3	10	10	—	≡² ⌓² n. and p.
9	·010	29·965	52·0	49·6	49·5	53·5	·385	·348	99	98	E 4	SSW 2	10	5	·020	≡ ⌓ n. and p. Ɯ⁰ 9p.–10p.
10	·084	30·246	54·8	52·1	49·2	57·7	·412	·370	95	95	WSW 4	SSW 2	10	9	·010	⌓⁰ p.
11	·267	·150	54·0	54·6	51·9	56·0	·394	·386	94	90	SSW 4	SSW 5	10	10	·110	
12	·197	·328	54·2	53·8	49·0	62·3	·394	·388	94	93	WSW 3	SW 4	4	4	—	⌓ 7a.–10a. and 11p.–midt.
13	·445	·453	53·7	52·9	48·3	57·6	·370	·386	89	97	SW 3	SSW 3	6	10	—	≡⁰ 9.30a. and 11p.–midt.
14	·388	·199	51·7	50·2	48·0	53·3	·346	·334	90	93	S 2	SSE 4	10	6	—	≡ before 9a.
15	·001	30·133	52·2	47·7	47·5	56·4	·364	·269	93	82	S 4	SW 4	10	0	—	⌓ after 5p.
16	30·023	29·731	53·3	54·0	44·1	56·9	·324	·403	79	97	SW 6	SW 9	8	10	·490	Squally ⁄ ⌓ n.
17	29·888	30·121	50·6	45·0	45·0	55·7	·283	·271	77	91	W 5	WNW 2	2	0	·010	⁄ (gale) in past n. ⌓ after 8p.
18	30·297	·272	47·7	52·0	39·0	52·7	·289	·345	88	89	Calm 0	SW 4	8	10	·040	≡⁰ (mist) a. ⌓² till 10a.
19	·183	30·000	50·9	52·4	48·8	52·7	·316	·351	85	89	SSW 4	SSW 5	9	10	·070	
20	30·034	29·835	53·1	51·5	49·5	57·9	·375	·338	93	89	SW 3	SSW 6	2	4	·390	⁄ (gale) from SSW. 11p.–midt.
21	29·616	·611	50·3	53·7	47·0	54·9	·289	·399	80	96	W 6	SW 8	2	10	·230	⁄² from SW. n. and p. with squalls.
22	·820	29·952	49·9	46·7	44·9	56·7	·270	·267	76	85	WSW 5	WSW 3	9	2	·090	⁄² from SW. n. < W.–NW. 9.25p.–11.40p. ⌓ p.
23	·904	30·100	48·7	43·7	43·7	54·6	·296	·249	87	87	WSW 3	SW 2	4	3	·010	≡⁰ ⌓ p.
24	·955	29·832	52·3	51·1	43·2	54·7	·336	·367	85	98	SSW 8	W 3	10	10	·410	⁄ a.
25	·680	29·685	50·9	40·8	40·8	51·9	·362	·239	98	95	SSW 2	WSW 2	10	2	·230	< in SW. 9.18p. ⌓ p. ≡⁰ (mist).
26	·613	28·955	42·8	54·6	38·0	54·9	·246	·415	90	97	SW 3	SW 10	9	10	1·300	≡⁰ (mist) a. ⁄ p. ⁄² 9p.–11p.
27	·004	29·070	44·8	46·5	40·8	54·8	·238	·227	80	72	WSW 8	SW 9	5	8	·550	●² ▲² ⁄² (terrific squalls, 72 miles per hour) a. < 4a. Ʀ 8.46a. Parhelia 2.40p.
28	29·327	29·703	47·1	40·1	40·1	54·5	·283	·233	88	94	WSW 4	W 2	1	3	·010	● ▲ ⁄² with squalls n. Ɯ⁰ 8p. ⌓² ⊔⁰ on grass p.
29	30·013	30·094	42·1	42·2	37·8	56·5	·243	·244	91	91	W 2	WSW 2	0	8	·010	⊔ till 9.30a. ⊔⁰ 8p.–9p. ⌓².
30	29·954	29·830	49·5	49·5	41·9	50·5	·292	·333	83	95	S 5	S 5	10	10	·360	○⁰ 10.50a.–11.15a. Fine day.
Means	29·933	29·935	50·6	49·6	45·4	55·5	·334	·333	89·6	92·5	3·9	3·8	7·3	7·1	5·830	

Observer remarks :—Average sea temperature 53°·0.

St. Aubin's, Jersey.

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

NOVEMBER 1881.

Day.	Barometer 9 a.m.	9 p.m.	Air 9 a.m.	9 p.m.	Min.	Max.	Vapour 9 a.m.	9 p.m.	Humidity 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	29·862	29·803	37·2	43·2	34·3	43·6	·198	·195	89	70	SE 6	SE 2	10	10	·002	⁄ (gale) n. and a. ▲⁰ 4a. Cold sunless day.
2	·711	·738	42·8	44·8	41·1	45·6	·215	·264	78	89	Eby N 3	SE 2	10	10	·040	Gloomy and sunless.
3	29·765	29·911	52·0	56·2	43·8	56·8	·369	·440	95	98	S 2	SW 2	10	10	·350	Sunless, but very mild.
4	30·014	30·062	59·7	58·0	54·3	62·2	·460	·388	91	80	SbyW 2	S 2	4	8	·001	Very fine day. Warmest Nov. day for 7 years at least. Ɯ p.
5	·072	·161	56·5	56·7	53·8	60·4	·371	·401	81	87	SSW 3	SSW 2	10	10	·008	Sunless, but very mild.
6	·220	·287	56·2	53·0	52·0	58·1	·416	·397	92	99	Calm 0	Calm 0	10	4	·001	Calm all day. Mild. ≡⁰ (mist) ⌓ p.
7	·202	·202	59·0	55·5	52·0	60·0	·407	·400	82	91	SE 1	Calm 0	3	0	·001	⌓ a. and p. Day cloudy, then very fine.
8	·161	·107	60·3	58·8	54·2	65·1	·366	·378	70	76	SE 1	E 2	4	7	—	⌓ a. Extremely fine and warm. Humidity 65 % 1p. Ɯ⁰ p.
9	·018	·053	55·3	54·0	51·8	59·6	·367	·360	84	86	E 2	Calm 0	4	7	·002	≡⁰ (mist) 9a. ⌓ a. and p. Ɯ p.
10	·200	·319	57·2	53·2	52·4	60·8	·406	·377	87	93	SW 3	W 1	10	3	—	Cloudy, then very fine. Mild. ⌓ p.
11	·357	·304	56·4	53·2	51·1	58·9	·402	·374	89	93	S 1	S 2	9	10	·015	⌓ a. Cloudy and mild. ⌓⁰ p.
12	·284	·422	54·6	52·5	50·4	62·0	·413	·381	97	96	SW 1	S 2	10	0	·010	Overcast a. Very fine p. ⌓ p. Stars twinkling.
13	·522	·531	51·0	52·0	49·3	52·7	·361	·361	97	93	S 2	Calm 0	10	0	—	⌓ ≡⁰ 9.50a. Sunless day.
14	·464	·300	47·0	47·2	45·3	52·2	·321	·305	99	95	SE 2	SE 2	10	10	—	≡ till 10.30a. Very fine p. ⌓ p.
15	·147	·232	47·0	50·2	45·1	55·5	·306	·337	95	93	S 2	Calm 0	10	2	·022	
16	·238	·008	54·2	55·2	49·0	57·0	·335	·347	80	80	SSW 2	SW 4	0	10	·070	⌓ a. Very fine a. Overcast p.
17	·010	·185	54·9	51·7	50·4	59·6	·303	·293	70	77	W 2	W 2	8	2	·048	Very fine on the whole. ●² 1.15p.
18	·344	·378	55·0	51·3	46·7	58·1	·302	·324	70	85	Calm 0	S 1	1	0	—	⌓ a. Very fine a. ○⁰ at times p.
19	·311	·162	45·2	49·2	44·3	52·8	·271	·278	90	79	SE 3	S 3	9	0	·040	Extremely fine from 10.30a.
20	30·145	30·045	54·5	52·1	48·0	56·9	·408	·357	96	91	SW 3	SW 2	9	0	·132	Rough night.
21	29·794	29·888	54·8	53·4	50·1	57·6	·327	·391	76	96	W 6	SW 2	7	10	·110	⁄ ● n. and a. Squally a. Bar. 29·720 7.30a.
22	29·946	30·064	54·2	51·6	50·8	58·3	·342	·358	81	94	WbyS 4	SW 2	10	7	·098	
23	30·010	·214	50·5	51·0	50·1	57·4	·307	·323	84	86	W 2	W 2	10	0	·082	
24	30·173	30·005	50·2	53·0	49·1	53·0	·330	·374	91	93	S 3	S 5	9	10	·120	Overcast. Temp. rising from 8p. Squally ⁄ at night.
25	29·808	29·801	54·2	46·2	46·2	55·2	·397	·285	95	92	SSW 4	W 2	10	2	·632	Gloomy and sunless. ●² showers p.
26	·801	·315	48·4	55·3	44·0	55·3	·281	·423	83	97	SW 4	SW 8	9	10	1·040	Sunless. ⁄² ● p. and n., (squalls, force 10). Bar. 29·236 Midt.
27	·271	·348	51·0	48·5	43·8	57·0	·255	·239	68	70	W 8	SW 8	4	4	·078	● ⁄² n. and all day, (squalls force 10). <⁰ ▲⁰ ● p. Ʀ 3p.–4p.
28	29·457	29·741	49·3	49·0	47·0	52·0	·301	·305	86	88	SW 7	Calm 0	10	6	·150	⁄ ● a. Day overcast.
29	30·036	30·181	52·6	48·5	44·4	56·0	·318	·311	80	91	Calm 0	NW 2	6	0	—	≡⁰ (mist) 9a. ⌓ a. and p. Very fine at times.
30	30·141	30·001	45·0	48·0	43·2	48·8	·275	·309	92	93	S 3	S 5	9	10	·530	⌓ a. Day gloomy. ⁄ ● from 8p. Squally.
Means	30·049	30·059	52·2	51·8	47·9	56·3	·338	·343	85·6	88·4	2·7	2·2	7·8	5·4	3·582	

Earth temperature: Mean of 10 readings (every third day), at 1 foot 49°·3; 3 feet 49°·9; 6 feet 54°·9.

Londonderry.

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

NOVEMBER 1881.

Day.	Barometer at 32° and M. S. L. 9 a.m.	9 p.m.	Air Temperature. 9 a.m.	9 p.m.	Min.	Max.	Tension of Vapour. 9 a.m.	9 p.m.	Relative Humidity. 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	29·489	29·604	43·2	39·0	35·0	52·1	·251	·216	89	91	S 1	Calm 0	9	4	·040	● showers all day. Ɯ 9p.
2	·683	·615	44·7	44·9	36·9	52·6	·266	·252	90	85	S 2	SSE 2	4	10	·010	Fine but cloudy.
3	·466	·635	43·0	44·7	40·0	54·2	·251	·268	90	91	S 4	S 2	10	1	·080	
4	·585	·701	53·3	50·7	39·8	59·0	·359	·324	88	87	WSW 2	S 3	2	2	—	Overcast.
5	·682	29·803	52·5	49·7	47·3	57·7	·327	·299	82	84	S 3	SW 2	1	3	·020	
6	29·942	30·063	51·0	49·8	46·2	56·8	·309	·335	82	93	SW 3	SW 1	9	10	—	Overcast.
7	30·141	30·068	46·9	45·7	40·5	53·6	·309	·291	97	95	S 2	Calm 0	8	10	·110	Overcast.
8	29·988	29·945	55·9	55·5	43·8	61·2	·398	·363	89	82	SW 2	SW 1	10	5	·010	● a., then fine.
9	·943	·825	51·0	52·5	49·0	56·0	·356	·352	95	89	NNE 1	Calm 0	10	10	·010	≡⁰ (mist) 9a. and before. Fine day.
10	·794	·957	52·7	54·7	50·0	57·8	·375	·387	94	91	S 1	S 2	10	10	·170	
11	·865	29·812	55·6	54·5	52·0	58·0	·407	·402	92	95	S 3	S 2	10	10	·360	● nearly all day.
12	29·913	30·036	52·7	50·7	48·8	56·8	·346	·324	87	87	S 2	S 3	10	0	—	
13	30·162	30·172	53·0	55·5	43·4	58·2	·371	·394	92	89	S 2	WSW 2	10	4	·140	
14	30·117	29·871	58·6	53·7	50·0	61·3	·382	·324	78	78	SE 2	S 4	7	4	·010	Fine, but cloudy.
15	29·480	·697	54·6	44·2	41·2	56·0	·364	·244	85	84	S 4	SW 2	10	4	·260	⁄ in squalls with ● all day.
16	·340	29·258	50·7	47·9	41·0	53·5	·309	·266	84	81	S 3	SSW 4	3	4	·120	⁄ in squalls with ● all day and night.
17	29·647	30·052	44·7	41·7	38·0	48·0	·234	·247	79	93	S 1	S 1	5	8	·120	
18	30·076	29·862	43·6	54·7	33·0	55·3	·244	·399	86	93	SE 1	SSW 4	10	10	·050	● till 11a.
19	29·800	·352	53·7	53·5	42·0	56·0	·341	·384	83	94	S 3	SW 7	10	6	·010	Overcast. ⁄ from 8p.
20	·651	29·211	47·2	50·9	34·3	53·5	·269	·293	84	79	S 3	SW 7	5	6	·140	Overcast. ⁄ p.
21	·231	28·851	44·6	48·9	42·8	51·8	·252	·321	86	93	S 3	S 6	5	10	·370	< 9p. ⁄² n. doing much damage.
22	·313	29·442	41·7	41·9	40·0	56·2	·192	·224	74	85	WSW 6	S 3	10	4	·300	Bar. 28·552, 1a. Squally ⁄² ● Ʀ n. and a. ● during day. < p.
23	·530	·721	39·2	39·8	33·5	45·2	·190	·196	79	80	SSE 3	SW 2	8	0	·520	
24	·356	·470	45·0	44·7	35·8	51·2	·275	·234	92	79	S 6	S 3	10	4	·090	⁄ ● till Noon. < p.
25	·439	29·437	40·7	37·5	35·6	47·2	·216	·193	85	86	S 3	S 3	1	0	—	Fine and clear. ⁄² n.
26	29·198	28·375	37·0	40·7	31·4	52·0	·179	·237	81	93	S 2	SW 3	10	4	·760	● during day. Squally ⁄ ● p.
27	28·067	28·427	39·2	44·1	32·8	46·3	·224	·249	93	85	SW 5	SW 2	10	3	·340	Squally ⁄² till 7a. Bar. 27·980, 7a. Squally ⁄ ● all day.
28	28·983	29·539	45·7	43·7	41·6	50·0	·266	·260	87	91	NW 4	WNW 1	10	6	·070	Squalls before 9a. Cold and damp.
29	29·843	·685	39·6	45·0	37·0	48·0	·227	·239	93	80	S 1	SW 5	1	10	·130	Fair all day. ⁄
30	29·381	29·601	49·7	45·3	42·0	50·8	·313	·241	88	80	SE 5	SSE 3	10	8	·150	● nearly all day.
Means	29·604	29·603	47·7	47·5	40·8	53·8	·293	·292	86·8	87·1	2·8	2·7	7·6	5·7	4·390	

Markree Castle.

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

NOVEMBER 1881.

Day.	Barometer 9 a.m.	9 p.m.	Air 9 a.m.	9 p.m.	Min.	Max.	Vapour 9 a.m.	9 p.m.	Humidity 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	29·486	29·588	41·5	37·1	32·5	49·2	·252	·209	97	95	Calm 0	Calm 0	3	10	·005	Sharp squalls before 9a. ≡ a. ⌒ 2.30p. Ɯ p.
2	·586	·485	42·5	43·9	36·5	51·6	·246	·241	90	84	ESE 3	SE 5	10	10	·062	
3	·397	·568	46·1	43·2	42·3	57 7	·298	·262	96	93	S 2	SE 2	10	6	·048	▲ in past n. Ɯ 9p.
4	·545	·661	52·6	47·5	42·4	57·8	·356	·301	90	93	SW 2	SSE 3	3	1	·007	Ɯ 8p.
5	·690	29·789	51·3	48·9	46·5	56·5	·334	·304	88	88	Calm 0	WSW 3	5	1	·071	▲. ⌒ 2.30p.
6	29·940	30·069	51·2	48·4	46·3	55·1	·348	·330	93	97	SW 3	SW 2	10	10	·062	
7	30·113	29·991	43·9	49·1	39·9	49·4	·273	·321	95	92	SE 1	SSE 3	10	10	·130	≡ 9a.
8	29·975	·908	55·1	53·9	48·3	58·6	·399	·364	91	88	Calm 0	SE 2	10	10	—	Ɯ 9p.
9	·901	·773	51·1	52·1	49·2	55·4	·350	·365	93	93	SSE 1	SSE 2	10	10	·010	
10	·794	·952	53·1	54·3	50·9	56·8	·376	·405	93	96	Calm 0	Calm 0	10	10	·117	
11	·833	29·824	56·1	53·1	52·3	57·7	·415	·379	91	93	SW 4	Calm 0	10	10	·083	
12	29·923	30·074	53·1	48·6	48·5	53·1	·376	·291	93	86	SW 1	Calm 0	10	0	·132	
13	30·110	30·174	53·5	56·4	38·1	59·4	·387	·388	95	86	SSE 2	Calm 0	10	10	·052	Ɯ 1a.
14	30·116	29·830	55·1	53·5	51·7	57·6	·364	·345	84	84	SSW 3	ESE 3	6	10	·110	
15	29·467	·738	52·6	43·2	42·1	55·2	·356	·238	90	85	SW 4	WNW 2	5	2	·220	
16	·378	29·368	53·1	46·7	42·7	55·2	·349	·277	86	87	SW 3	W 3	10	6	·130	Sharp squalls before 9a. < to E. and S. 6p.
17	29·689	30·043	46·3	37·1	36·3	51·2	·268	·197	86	89	WNW 2	Calm 0	6	0	·082	⌒ p.
18	30·009	29·872	43·3	54·3	31·4	55·0	·273	·405	98	96	SE 3	SW 3	10	10	·038	
19	29·745	·449	53·1	48·9	48·3	55·0	·351	·291	86	84	SW 5	WSW 6	10	4	·008	⁄ (force 7) during day.
20	·621	29·159	46·3	48·2	43·5	52·4	·249	·243	80	73	SSE 5	SSE 6	10	10	·132	Sharp squalls before 9a. and 9p.
21	·297	28·763	44·1	52·2	39·5	52·6	·251	·363	86	93	WSW 1	SW 6	4	10	·108	Sharp squalls a. and p. < ⁄² (force 7 to 9) p. Bar. 28·580 midt.
22	·384	29·487	41·1	42·1	39·1	56·6	·198	·234	78	88	W 5	WSW 4	5	10	·272	⁄ (force 8) early a. < 3a. and 7p.
23	·558	·697	37·9	41·1	35·3	48·6	·207	·222	91	86	SW 2	SW 3	10	10	·168	▲ n. ▲ 9a.
24	·319	·492	46·9	41·8	41·1	51·9	·283	·243	89	92	SW 4	SW 1	10	10	·239	Squally ⁄ (force 6) 2a. < p.
25	·455	29·440	40·2	34·9	34·9	45·2	·230	·191	92	94	SSW 3	Calm 0	1	0	·010	
26	29·085	28·391	36·6	42·0	30·9	53·4	·192	·216	89	82	SE 4	SW 4	10	4	·394	⊔² a. ⁄ (force 6) during day. < 5.30p.
27	28·144	28·500	43·6	43·1	39·8	51·7	·238	·263	84	94	WNW 3	W 2	6	8	·284	Sharp squalls before 9a. < p.
28	29·092	29·617	45·9	44·9	42·3	49·8	·256	·240	84	81	N 2	NW 2	7	5	·126	
29	·870	·618	35·9	45·1	32·4	47·4	·200	·244	95	82	Calm 0	SE 4	2	10	·110	⁄ (force 6) in past n. ⊔ 9a.
30	29·333	29·551	51·3	43·1	42·3	52·1	·308	·224	81	80	SSW 5	SW 2	10	1	·010	Squally ⁄ (force 6) in past n.
Means	29·595	29·596	47·5	46·6	41·6	53·6	·299	·287	89·5	88·5	2·4	2·4	7·8	6·9	3·220	

DUBLIN.

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

NOVEMBER 1881.

Day.	Barometer at 32° and M. S. L. 9 a.m.	9 p.m.	Air Temperature. 9 a.m.	9 p.m.	Min.	Max.	Tension of Vapour. 9 a.m.	9 p.m.	Relative Humidity. 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	29·541	29·662	42·7	41·4	40·3	50·9	·244	·242	88	93	W 2	SSW 1	0	2	·011	⟋ (gale SSE.-SW.) ●²n. Bar. 29·447, [7.30a. Very fine p.
2	·699	·642	45·1	46·2	38·7	49·6	·276	·240	92	77	SSE 2	SE 5	7	10	·079	Overcast p. Squally ⟋ p.
3	·485	·674	46·5	46·5	43·8	55·9	·300	·291	95	92	SEbyS 4	S 2	10	6	·030	⟋ ● a. Wind veering to WSW. [Bright and mild p. ⊓ ⋓ p.
4	·637	·775	54·1	53·1	46·2	56·9	·346	·346	82	85	SW 3	S 3	1	6	—	Fine a. Overcast p. ⋓ 9p.
5	29·773	29·926	53·6	51·9	51·0	56·3	·355	·308	86	80	SW 2	SW 2	4	4	—	Very fine and mild a. Brilliant p. ⊓.
6	30·046	30·152	51·2	50·0	49·2	56·2	·299	·312	80	87	SW 4	WSW 2	0	5	—	Very fine throughout. ⋓ 10p.
7	·156	30·067	46·1	51·0	43·9	52·6	·288	·351	93	94	Calm 0	SE 2	6	10	—	Much cir. from SW. a. ≋ 9a.
8	30·048	29·987	52·2	58·0	50·4	61·6	·372	·362	96	75	SE 1	S 3	10	9	—	Dull and close. Very warm p. ⋓ 9p.
9	29·955	29·825	51·3	52·8	50·2	58·3	·352	·355	93	88	SE 1	SSE 2	8	3	—	≋⁰ (mist) 9a. Fine, though cloudy.
10	·848	30·033	56·1	57·1	49·9	57·5	·410	·371	90	80	W by S 3	WSW 3	8	10	—	Fine and very mild.
11	29·998	29·873	58·0	56·7	55·9	61·0	·393	·395	81	86	SSW 3	SW 3	8	10	·180	Very fine and warm. ● in evening.
12	30·031	30·114	54·9	56·0	52·3	58·1	·350	·388	81	86	WSW 4	WbyS 5	6	9	—	Very fine and mild. Squally ⟋ p.
13	·236	30·247	55·6	61·1	52·8	62·2	·380	·412	85	77	Calm 0	SW 4	6	10	·010	Cir. increasing a. Squally ⟋ after 11a.
14	30·230	29·994	57·9	55·1	53·9	62·3	·366	·334	76	76	SbyW 2	SSW 5	3	4	—	Min. temp. 57·5 n. Fine, bright day. [Squally ⟋ p.
15	29·616	·877	58·0	46·1	45·6	58·2	·347	·241	72	77	SSW 7	WSW 6	4	0	·062	Squally ⟋ a. and p. ●² 4.20p. ⌒ p.
16	·503	29·456	55·1	50·5	45·4	56·7	·371	·290	85	79	WSW 8	WSW 7	5	4	·054	Squally ⟋² ● a. ⌒. < p. Bar. [29·442 8p.
17	29·700	30·070	46·0	43·2	4[illegible]·6	51·2	·263	·238	85	85	W byS 4	W 3	1	0	·019	Cool and bright a. and p.
18	30·150	30·013	46·9	56·0	37·8	56·5	·281	·383	88	85	SSE 3	SSW 5	10	10	·073	Ruddy sunrise. ● from 8a. Dull p.
19	29·912	29·661	55·1	54·0	53·5	57·0	·364	·271	84	65	SSW 3	WSW 7	10	4	—	Overcast a. Mild. Squally ⟋ from S p.
20	·793	·460	50·6	53·2	48·1	54·3	·287	·297	78	73	SSW 3	S 6	3	10	·120	Mild and bright a. Squally ⟋ but [very fine p.
21	·369	·090	47·1	54·4	46·2	54·6	·256	·348	79	82	W byS 4	SSW 6	1	6	·020	Bar. 29·257 7a. Bright a. Much cir. p. [Squally ⟋ ²p. < Bar. 28·988 11p.
22	·500	·629	45·2	47·1	44·2	58·5	·199	·272	66	84	WSW 7	WSW 6	0	10	·050	Temp. 58°·5n. Day bright. ⟋. < p.
23	·656	·864	43·1	43·8	38·6	47·5	·218	·211	78	73	swbyw 6	SSW 3	3	6	·056	Squally ⟋ a. and p. ● ✱ (sleet) [▲ p. T 2.30p.
24	·491	·614	54·4	47·1	43·6	54·6	·326	·254	77	79	SSW 8	SW 3	10	5	·242	Squally ⟋ a. ●² 11a. Very bright p.
25	·556	29·510	46·6	40·5	40·1	48·5	·256	·204	81	81	SSW 2	SW 3	7	0	—	Partial ○ 10.30a. Very fine p. < n.
26	29·321	28·554	40·6	47·0	35·3	56·2	·197	·247	78	77	SSE 3	WSW 6	9	1	·213	└─┘⁰a. Much cir. a. Squally ⟋ from [11a. ●² 4p.—7p.
27	28·377	28·556	47·2	46·7	41·9	49·5	·227	·277	71	87	swbyw 8	WSW 5	3	10	·614	Squally ⟋² < n. Strong gale all day. [●² 4p.—9p. < to E 10p.
28	29·126	29·599	46·1	42·8	42·1	48·9	·249	·235	80	85	W 4	WSW 4	2	1	—	Fine throughout.
29	·931	·852	39·3	45·6	37·7	46·5	·219	·242	92	80	SW 2	S 3	0	9	·046	⌓ a. Very fine and bright till [evening. ⋓ 8p.
30	29·567	29·699	51·0	48·2	45·1	52·6	·326	·245	87	73	S 6	SW 3	10	9	·294	Squally ⟋ a. ● a. and p. Dull.
Means	29·708	29·716	49·9	50·1	45·5	55·0	·304	·299	83·3	81·4	3·6	3·9	5·2	6·1	2·173	

PARSONSTOWN.

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

NOVEMBER 1881.

Day.	Bar. 9 a.m.	9 p.m.	Temp. 9 a.m.	9 p.m.	Min.	Max.	Vap. 9 a.m.	9 p.m.	Hum. 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	29·534	29·643	42·1	39·0	38·0	51·1	·234	·214	88	90	S 1	Calm 0	3	4	—	≋⁰ (mist) p. ⋓ 9p.
2	·634	·514	46·2	47·4	38·0	51·2	·272	·258	88	80	ESE 1	ESE 6	3	10	·063	Squally p.
3	·448	·591	51·1	49·4	46·4	56·0	·340	·310	90	89	SW 1	SSE 2·5	4	10	·093	≋⁰ (mist). ⋓ 9p.
4	·618	·714	52·7	51·1	48·7	52·7	·342	·345	86	91	SSW 1	SSE 1	2	6	—	
5	29·756	29·890	51·6	47·9	47·4	57·3	·320	·296	83	90	S 1	SSW 0·5	2	5	·039	≋ 9p.
6	30·038	30·140	49·5	45·4	44·1	57·0	·294	·273	84	91	S 1	SSW 1	3	10	—	≋ 9p.
7	30·133	30·035	44·2	51·5	42·1	51·9	·275	·354	95	93	Calm 0	SE 1·5	6	10	·058	
8	29·987	29·953	57·0	54·2	51·3	59·1	·364	·369	78	88	ESE 1	SSE 1·5	9	10	—	≋ (mist) p.
9	·910	29·778	54·2	53·5	52·9	56·6	·388	·356	93	87	SSE 2	SSE 1	10	10	·033	≋ 9a.
10	·867	30·034	54·5	56·0	53·0	57·0	·396	·399	94	89	SW 2	SSE 1	10	10	—	
11	29·933	29·909	57·6	53·6	53·4	58·6	·410	·394	85	96	S 3	Calm 0	10	10	·636	
12	30·017	30·159	53·3	54·9	50·4	58·9	·351	·394	86	92	S 1	SW 1·5	3	10	·012	
13	·197	30·257	56·0	57·9	52·0	59·5	·340	·394	75	82	SSE 2	SSW 1	8	10	·065	
14	30·188	29·913	54·2	54·7	51·1	58·9	·342	·351	81	81	S 1	S 4	3	10	·032	
15	29·579	·872	53·5	43·9	42·6	55·7	·345	·238	84	83	S 3	SW 2	6	0	·157	≋⁰ (mist) 9p. Squally p.
16	·530	29·476	53·0	48·4	43·3	55·3	·337	·280	84	83	SW 2	WSW 3·5	8	10	·350	Squally with ꓘ ● p.
17	29·760	30·102	45·3	39·1	38·7	50·8	·261	·221	87	93	SW 1	SSE 0·2	3	0	·153	Squally p.
18	30·061	29·960	48·1	55·2	37·0	55·9	·308	·387	92	89	SE 2	SSE 2	10	9	·009	≋⁰ (mist) p.
19	29·840	·670	53·4	49·5	49·4	55·8	·350	·274	86	77	S 2	SW 7·5	8	0	—	Squally 9p.
20	·742	29·296	47·5	51·2	42·9	53·1	·276	·319	84	84	S 2	SE 5·5	3	10	·189	Squally p.
21	·390	28·966	44·5	56·5	43·0	57·0	·229	·398	78	87	SW 1	SSE 6	3	10	·058	
22	·532	29·610	44·9	43·3	41·4	57·2	·182	·227	60	81	SW 6	SW 3	5	1	·202	Squally a. Distant < p.
23	·685	·807	40·4	39·5	37·2	46·0	·214	·207	86	86	W 0·5	SE 1·5	8	2	·155	≋⁰ (mist) 9p.
24	·470	·577	48·5	42·5	38·4	53·0	·302	·228	88	84	SW 5	SSW 1	10	0	·052	Squally 9a. ≋⁰ (mist) p.
25	·538	29·513	40·2	34·2	33·4	45·6	·218	·172	89	86	Calm 0	SSW 0·1	0	0	—	⌓ 9a.
26	29·177	28·556	38·5	41·0	31·0	54·7	·194	·204	84	80	SSE 1	SW 4	10	6	·432	⌓ before 9a. Squally 9p. Distant [< p.
27	28·372	28·581	45·5	47·5	39·1	49·2	·252	·283	83	86	SSW 6	SW 4	10	5	·810	Squally a. and p. ꓘ
28	29·211	29·681	46·4	40·5	38·3	49·3	·236	·217	76	86	W 1·5	WNW 1	9	4	—	Squally before 9a. ≋⁰ (mist) 9p.
29	·946	·753	39·3	48·1	34·4	48·2	·198	·266	83	79	S 0·1	SE 4	3	10	·216	≋⁰ (mist) 9p.
30	29·421	29·690	51·1	41·1	40·7	51·1	·340	·224	90	87	SSE 5	S 0·2	10	0	·357	≋⁰ (mist) 9p.
Means	29·684	29·688	48·8	47·9	43·3	54·1	·297	·295	84·7	86·3	1·9	2·3	6·1	6·4	4·171	

DUNROBIN CASTLE.

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

DECEMBER 1881.

Day.	Barometer at 32° and M. S. L. 9 a.m.	9 p.m.	Air Temperature. 9 a.m.	9 p.m.	Min.	Max.	Tension of Vapour. 9 a.m.	9 p.m.	Relative Humidity. 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	29·886	29·881	48·5	48·7	43·7	49·5	·321	·319	95	93	SW	SE	—	—	—	Fresh breeze a. Clear and mild.
2	·774	29·865	43·4	43·4	41·9	52·0	·262	·236	93	83	NW	W	—	—	—	Fine and mild.
3	29·919	30·017	47·2	43·9	32·5	47·5	·266	·251	83	87	N	NE	—	—	—	Fine and mild, but dull.
4	30·005	29·888	31·5	42·4	29·5	43·9	·168	·269	95	99	NW	SW	—	—	—	└─┘ a. Dull and mild.
5	29·915	·865	37·1	37·4	35·6	44·3	·207	·185	94	83	W	W	—	—	—	Fine, clear, and mild.
6	·851	·017	35·3	47·7	32·5	48·0	·178	·237	86	72	W	SW	—	—	·240	└─┘. Fine, then stormy with ●.
7	·064	·489	45·4	40·4	40·2	48·7	·260	·230	87	92	W	W	—	—	·150	Stormy.
8	·557	·515	35·3	29·8	29·8	41·0	·191	·152	93	91	W	W	—	—	—	Clear, cold, and frosty.
9	·498	·647	30·8	31·8	27·7	40·5	·148	·146	85	81	W	W	—	—	—	└─┘. Clear.
10	·759	29·807	34·5	31·3	28·5	40·0	·176	·152	88	87	NW	NW	—	—	—	└─┘. Clear.
11	29·862	30·018	39·4	39·4	31·3	44·0	·203	·218	84	91	N	NW	—	—	·280	
12	30·175	30·187	38·4	33·1	32·3	41·5	·212	·172	92	91	NW	N	—	—	·060	▲ ● showers. Clear and cold later.
13	30·181	29·895	38·9	42·4	30·5	43·0	·198	·210	84	78	SW	SE	—	—	·120	└─┘
14	29·773	30·031	40·4	35·1	30·7	44·3	·230	·160	92	77	S	NW	—	—	·090	Dull and mild a. Fair and frosty p.
15	·940	29·766	32·3	39·4	29·0	40·0	·180	·181	98	75	W	S	—	—	—	Clear and frosty. Milder p.
16	29·519	29·325	38·4	31·3	30·5	40·5	·184	·152	80	87	S	W	—	—	—	∞⁰. Dull.
17	28·781	28·487	38·9	35·3	29·5	39·3	·198	·168	84	81	E	W	—	—	·480	Mild a. Clear and frosty p.
18	·559	28·775	40·4	39·4	35·3	41·7	·201	·184	80	77	W	W	—	—	·630	Clear and cold. ⟋ ● p.
19	28·999	29·102	36·5	32·3	32·3	41·0	·181	·161	86	88	NW	NW	—	—	·070	Clear and cold.
20	29·008	·177	34·1	34·1	28·5	39·5	·161	·171	81	86	E	W	—	—	—	└─┘. Clear and frosty.
21	·339	29·675	33·8	29·5	29·3	34·1	·180	·158	92	97	N	NW	—	—	—	✱ showers.
22	29·891	30·141	30·1	32·5	28·5	39·3	·147	·177	87	96	NW	NW	—	—	—	Clear and frosty a.
23	30·311	30·240	36·5	36·1	26·5	37·5	·214	·143	99	67	N	S	—	—	—	Clear and frosty a. Dull p.
24	29·937	29·829	42·4	42·4	35·6	43·7	·214	·231	79	86	S	S	—	—	·060	Fresh wind.
25	29·761	29·967	52·3	54·3	40·9	56·4	·307	·315	78	75	SW	W	—	—	—	Fine and mild.
26	30·067	30·089	43·9	47·2	41·9	54·5	·245	·251	85	78	SW	SW	—	—	—	Fine and mild.
27	·161	30·289	48·3	42·4	41·7	52·5	·276	·241	82	89	W	W	—	—	—	Fine and mild.
28	30·137	29·915	43·4	43·2	40·7	48·5	·224	·247	79	88	SW	SW	—	—	—	Fine and mild.
29	29·623	·666	50·5	44·2	41·7	52·5	·329	·274	90	95	S	W	—	—	—	Fine.
30	·400	·565	44·2	36·3	34·0	46·0	·274	·188	95	88	SW	SW	—	—	—	Fine.
31	29·727	29·666	33·1	41·4	31·0	41·4	·172	·198	91	76	W	S	—	—	·050	└─┘. Dull.
Means	29·690	29·703	39·5	39·0	35·7	44·4	·216	·206	87·6	85·0	—	—	—	—	2·230	

BRAEMAR.

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

DECEMBER 1881.

Day.	Bar. 9 a.m.	9 p.m.	Temp. 9 a.m.	9 p.m.	Min.	Max.	Vap. 9 a.m.	9 p.m.	Hum. 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	29·907	29·975	39·6	39·0	38·3	44·2	·229	·207	94	87	SW 1	SW 2	10	7	·030	Fair, but dull.
2	·837	29·856	43·6	44·6	36·6	48·5	·263	·265	93	90	SW 6	SW 2	10	6	·710	●
3	29·856	30·087	42·9	34·4	34·4	47·3	·246	·189	89	95	SW 2	SW 1	7	3	—	Fine.
4	30·094	29·946	22·7	37·6	22·7	44·2	·115	·205	94	91	W 0·5	SW 4	5	7	—	Sunny a. Dark p.
5	29·977	·957	38·0	36·4	36·4	41·3	·204	·193	89	90	S 0·5	SW 2	5	7	·010	Fine.
6	·882	·189	35·7	42·6	33·2	45·7	·192	·206	92	76	SW 4	SW 10	7	7	·630	Dark, with ● showers.
7	·200	·522	41·0	35·7	35·7	45·2	·215	·189	84	90	SW 10	SW 2	10	4	·070	● showers.
8	·577	·533	33·4	31·9	31·6	40·7	·173	·153	91	84	SW 1	SW 1	7	8	—	Fair and clear.
9	·510	·690	29·2	22·7	22·7	38·8	·147	·122	92	100	SW 0·5	SW 1	6	7	—	Fair and clear.
10	·779	·816	17·7	25·7	17·7	35·3	·097	·139	100	100	S 2	SW 1	1	2	—	✱ showers.
11	29·826	29·998	32·7	34·7	25·7	35·6	·183	·192	98	95	E 1	NE 0·5	2	8	·120	✱ showers.
12	30·150	30·177	34·4	33·9	33·4	36·3	·191	·177	96	90	NE 1	NE 1	10	10	·030	✱ and ✱ ● (sleet).
13	30·192	·069	33·7	34·7	31·4	35·9	·174	·188	89	93	SW 1	SW 6	6	9	·390	Dull.
14	29·842	30·084	37·9	32·4	30·8	38·6	·217	·147	96	80	SW 4	SW 2	10	0	—	Fair and cold.
15	30·018	29·808	25·7	32·4	25·4	35·4	·139	·169	100	92	W 1	SW 2	6	3	—	
16	29·531	29·301	30·2	31·5	28·2	32·9	·156	·174	92	98	SW 1	SW 1	7	8	·010	✱
17	28·751	28·536	33·4	34·7	30·0	35·8	·173	·166	91	82	SE 1	SW 4	10	8	·020	✱
18	28·620	28·847	34·6	33·4	29·9	36·4	·183	·183	91	96	W 6	SW 8	7	7	·010	✱
19	29·109	29·167	31·4	30·4	29·9	34·8	·160	·152	91	89	SW 1	SW 0·5	3	1	—	Clear and frosty.
20	·015	·240	19·7	23·7	19·7	31·5	·107	·127	100	100	SW 1	SW 0·5	3	2	--	Clear and frosty.
21	·361	29·704	21·3	28·9	21·3	35·0	·089	·153	78	97	SW 0·5	SW 0·5	3	0	—	✱ showers.
22	29·931	30·157	18·9	14·7	14·7	32·7	·095	·085	93	100	SW 0·5	SW 0·5	1	0	—	Clear.
23	30·343	30·313	14·7	31·9	12·6	32·5	·085	·177	100	97	SW 0·5	SW 2	0	4	—	Clear.
24	30·112	29·942	33·7	38·6	31·9	39·2	·178	·218	91	93	SW 6	SW 4	9	9	·280	Soft ✱ ● (sleet).
25	29·855	30·073	46·7	48·3	38·3	49·4	·291	·311	92	92	SW 4	SW 4	9	9	·020	Soft and mild.
26	30·179	·203	43·3	43·8	39·5	49·3	·250	·242	89	84	SW 2	SW 8	4	4	—	Fine.
27	·273	·308	44·9	41·6	40·1	45·7	·261	·207	88	79	SW 4	SW 2	8	2	—	Fine.
28	30·199	30·022	35·9	43·8	35·4	44·2	·209	·257	99	90	SW 1	SW 1	7	7	—	Fine.
29	29·707	29·728	44·3	40·2	40·2	47·8	·286	·216	99	87	SW 4	SW 3	7	8	·050	Fine.
30	·490	·593	38·6	35·9	35·7	44·2	·234	·181	100	86	SW 2	SW 1	3	2	·020	●⁰ showers.
31	29·766	29·650	30·0	34·9	29·4	39·5	·164	·179	98	88	S 1	SW 1	5	6	·270	Fine.
Means	29·738	29·758	33·2	34·7	30·1	40·1	·184	·186	93·2	90·7	2·3	2·5	6·1	5·3	2·670	

LAUDALE.

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

DECEMBER 1881.

Day.	Barometer at 32° and M. S. L. 9 a.m.	9 p.m.	Air Temperature. 9 a.m.	9 p.m.	Min.	Max.	Tension of Vapour. 9 a.m.	9 p.m.	Relative Humidity. 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	29·889	29·879	45·5	44·0	44·8	47·1	·249	·205	82	71	SSW 1	SSW 5	8	8	·470	Strong squalls. ∞.
2	·739	29·800	51·0	46·4	42·5	53·6	·294	·260	79	83	S 5	SW 2	10	10	·410	∞ 2. Overcast all day.
3	·888	30·065	45·0	35·0	41·8	46·4	·251	·184	84	90	SW 3	W 1	10	0	·100	≋ (mist) 9a. Ψ p.
4	·989	29·892	41·0	45·9	34·8	45·9	·167	·268	65	88	SSE 3	SW 4	9	6	·190	≋0 (mist) a. Stormy Noon–6p. Ψ p.
5	·966	·934	43·3	42·8	39·4	45·9	·235	·203	84	73	WSW 1	SW 4	9	6	·310	≋0 (mist) a. Red sky to W. 9a. Snow on the hills.
6	·756	·072	43·5	44·3	39·6	51·6	·229	·261	81	90	S 7	SW 8	10	10	1·830	✳ ● a. ⸝ (whole gale) all day.
7	·275	·554	44·9	43·0	41·9	48·0	·254	·219	86	79	WSW 8	W 6	10	7	·410	⸝ 2 n. and a. Much ∢. ≋0 (mist) a. ▲ 9p.
8	·670	·520	38·8	38·0	36·2	43·0	·201	·190	85	83	WNW 1	WNW 1	8	9	·230	▲ 2 ✳ showers a. and p. ∞ p.
9	·517	·658	31·6	29·1	30·1	38·0	·141	·129	79	81	ESE 1	N 1	7	0	—	✳ a. Deep snow on the hills. ⌣
10	·775	29·817	25·0	28·4	24·3	31·1	·097	·127	72	82	E 1	Calm 0	0	0	—	≋ a. and p. Ψ to NNW. 8p. [≋ p.
11	29·860	30·003	30·4	31·0	25·0	35·0	·159	·158	94	91	Calm 0	E 1	0	0	—	≋ a. and p. Meteors to W. p.
12	30·168	30·176	28·8	32·0	26·5	33·2	·147	·160	93	88	E 1	E 1	0	0	·040	≋ a. and p. ⌣2
13	30·137	29·985	39·0	41·8	28·8	42·0	·192	·225	81	85	S 8	S 8	8	10	2·060	≋0 a. ✳ ● (sleet). ⸝ during day. [Clouds to W. in 3 layers, black, yellowish red, and white.
14	29·863	30·047	40·0	39·0	39·0	44·8	·220	·197	90	83	SW 3	WNW 1	10	3	·220	✳ a. ▲ p. Dark and gloomy. ≋0 9p.
15	·951	29·700	38·8	40·2	34·9	41·1	·187	·191	79	77	S 4	S 6	7	10	·200	✳ ▲ a. ≋0 9a. Gloomy. ▲ p.
16	29·457	29·322	36·0	38·0	34·4	40·2	·193	·190	91	83	SSE 4	SSW 1	10	8	·220	✳ ▲ showers a. and p. Gloomy.
17	28·596	28·588	37·0	41·8	36·4	43·3	·130	·213	59	80	ESE 4	WSW 5	10	4	·470	✳ ● (sleet) a. and p. Bar. 28·410 4p. [▲ 9p.
18	28·800	28·988	40·6	41·1	31·5	42·6	·172	·157	68	61	WNW 6	WNW 5	7	9	·330	⸝ 2 n. and till 7a. ✳ ● a. ✳ 2.
19	29·191	29·156	37·0	34·0	33·3	41·5	·195	·184	89	93	NW 3	NNW 1	8	6	·410	✳ ▲ showers a. and p. [▲ 2 p.
20	28·874	·089	36·4	38·8	33·3	39·9	·171	·168	79	72	SE 4	SSE 2	9	8	·050	✳ ▲ showers a. ≋ 9a. and p.
21	29·394	29·711	36·2	35·0	33·4	40·4	·208	·188	97	92	WNW 2	NW 2	9	3	·140	≋0 9a. ✳ ▲ showers a. and p.
22	29·930	30·137	31·0	32·5	30·0	35·0	·158	·175	91	95	E 1	N 1	2	1	·060	≋ a. and p. ✳ 9p. [at night.
23	30·304	30·208	36·0	39·2	32·5	40·4	·204	·232	96	96	E 4	ESE 6	9	10	·670	≋ a. and p. Strong squalls from S.
24	29·944	29·958	46·0	46·7	39·2	47·5	·265	·272	86	86	S 8	SSW 3	10	10	·310	≋0 (mist) a. Gloomy p.
25	29·980	30·162	53·0	52·2	46·0	53·1	·347	·353	86	91	WSW 8	WSW 8	10	10	1·210	≋0 (mist) a. and p. ⸝. Gloomy.
26	30·298	·281	49·4	49·0	46·9	52·2	·300	·294	86	85	W 5	WSW 5	8	7	·100	≋0 (mist) a. and p. Upper edge of clouds ragged, and tinged with red 9a.
27	·337	30·352	50·0	47·0	46·5	50·5	·286	·260	80	81	W 6	W 3	10	5	·010	≋0 (mist) a.
28	30·210	29·987	46·0	49·1	40·9	49·6	·246	·316	80	91	SW 2	S 5	10	10	·460	≋0 (mist) a. Gloomy. Clouds red 9a.
29	29·729	·709	50·3	45·0	44·5	51·4	·331	·264	91	89	SW 4	SW 3	10	3	·300	≋0 (mist) a. Gloomy.
30	·497	·584	45·0	40·2	38·3	47·6	·220	·215	74	87	WSW 5	WSW 5	5	7	·400	✳ p.
31	29·741	29·541	49·2	40·0	37·4	49·2	·308	·207	89	84	SSE 2	S 6	10	10	1·030	✳ ● showers a. and p. ∞ 9a. [Sleet from 8p.
Means	29·731	29·739	40·8	40·3	36·6	44·3	·218	·215	83·1	84·2		3·7		3·5	7·8	6·1	12·640	

DUNDEE.

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

DECEMBER 1881.

1	29·928	29·994	41·4	35·5	35·5	45·7	·261	·208	100	100	NE 1	NW 1	10	10	·100	⸝ (gale) ● in past n. ● till [1.30p.
2	·897	29·868	43·4	46·4	33·2	50·7	·262	·294	93	94	SE 1	SW 2	10	10	·200	● from 5p.
3	29·908	30·056	45·4	40·4	40·4	47·7	·283	·232	94	93	SW 1	SW 1	10	10	·050	
4	30·066	29·979	29·5	36·4	29·2	40·8	·164	·200	100	93	SW 1	NE 1	10	10	—	⌣.
5	30·008	·982	37·4	37·4	36·2	39·8	·223	·206	100	92	NE 1	W 2	10	10	·050	Dull. ≋2 till noon.
6	29·941	·275	34·5	44·4	32·2	46·7	·200	·211	100	72	SE 1	W 12	10	10	·350	● n. and Noon.–7p. ⸝ (gale) 3p. [⸝ 2 (heavy gale) from 7p.
7	·338	·563	42·4	38·4	38·3	44·8	·212	·214	79	93	SW 10	W 4	5	10	—	⸝ (gale) in past n. and till 10a. Dull [day.
8	·607	·566	35·5	34·5	34·2	38·8	·191	·182	92	91	W 1	W 2	7	7	—	Fine.
9	·524	·626	31·5	29·5	28·2	34·9	·178	·164	100	100	NW 1	NW 1	10	0	—	
10	·747	·765	30·5	32·5	26·2	33·0	·171	·145	100	78	W 1	NW 1	10	0	—	⌣
11	29·786	29·927	35·5	36·4	30·2	36·9	·155	·200	74	93	NE 2	NE 6	10	7	·400	✳ ● (sleet) showers from 11.30a.
12	30·138	30·170	36·4	35·5	35·2	37·9	·200	·208	93	100	NE 2	NE 1	10	7	·050	✳ ● (sleet) in past n.
13	30·281	·111	30·5	37·4	29·2	37·4	·171	·189	100	85	E 1	SW 2	10	10	·150	⌣
14	29·908	30·077	39·4	32·5	31·2	39·8	·224	·166	93	90	SW 2	W 2	10	10	—	
15	30·050	29·833	29·5	31·5	27·2	33·9	·164	·157	100	88	NE 1	SE 1	7	7	—	⌣
16	29·590	29·366	30·5	34·5	26·2	35·9	·148	·182	87	91	E 1	SE 1	10	10	·150	⌣. ● from 8p.
17	28·789	28·548	34·5	37·4	33·2	38·8	·182	·189	91	85	SE 6	W 6	10	10	·050	
18	28·668	28·878	36·4	34·5	33·2	38·8	·182	·163	84	81	W 6	W 8	7	0	—	Fine.
19	29·133	29·161	34·5	32·5	32·2	35·9	·182	·166	91	90	W 4	W 2	7	7	—	Fine.
20	28·955	·128	33·5	34·5	29·2	36·9	·154	·163	81	81	NE 2	NE 1	10	10	—	Dull.
21	29·301	29·701	35·5	33·5	31·2	37·9	·208	·154	100	81	NE 1	NW 1	10	5	—	Dull.
22	29·912	30·148	29·5	28·5	27·2	33·5	·139	·131	85	84	NW 1	W 1	0	0	—	⌣
23	30·335	·420	26·5	28·5	25·2	32·0	·144	·157	100	100	NE 1	NW 1	0	0	—	⌣. ≋2 9p.
24	30·178	·027	35·5	39·4	28·2	39·4	·155	·224	74	93	SW 4	SW 8	10	10	·050	✳ ● (sleet) showers 1p.–8p.
25	29·942	·117	45·4	49·4	39·4	49·4	·283	·303	94	86	W 4	W 6	10	10	—	Dull.
26	30·245	·287	45·4	44·4	43·3	50·7	·260	·230	87	79	W 4	W 2	7	7	—	Fine.
27	·326	·368	45·4	40·4	40·3	46·7	·260	·213	87	85	W 1	W 1	10	0	—	Fine.
28	30·232	30·075	41·4	43·4	33·2	43·8	·221	·262	86	93	W 1	W 2	10	7	·050	Dull.
29	29·781	29·746	46·4	41·4	41·3	49·7	·294	·242	94	93	SW 2	W 1	10	10	—	
30	·520	·629	44·4	39·4	38·3	45·7	·230	·186	79	78	W 6	W 2	0	7	—	Dull from noon.
31	29·803	29·736	35·5	32·5	32·2	39·8	·191	·166	92	90	SW 1	NE 1	10	0	—	
Means	29·769	29·778	36·9	36·9	32·9	40·8	·203	·197	91·3	88·8	2·3	2·7	8·4	6·8	1·650	

ROTHESAY.

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

DECEMBER 1881.

Day.	Barometer at 32° and M. S. L. 9 a.m.	9 p.m.	Air Temperature. 9 a.m.	9 p.m.	Min.	Max.	Tension of Vapour. 9 a.m.	9 p.m.	Relative Humidity. 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	29·914	29·933	43·6	42·1	39·1	50·9	·275	·248	97	93	Calm	SE	—	—	·080	Dull and mild.
2	·836	29·844	49·0	45·7	40·6	51·9	·348	·296	100	96	SSE	Calm	—	—	·635	Dull and damp.
3	29·935	30·101	43·6	34·0	33·2	51·1	·257	·176	90	89	Calm	Calm	—	—	·003	
4	30·065	29·951	35·0	45·6	29·2	45·6	·196	·278	96	91	NE	Calm	—	—	·070	Dull and damp.
5	30·026	30·043	43·3	40·1	39·1	48·9	·267	·227	96	92	NW	WNW	—	—	·110	
6	29·785	29·261	43·6	47·0	36·7	50·2	·284	·237	100	74	SE	SW	—	—	·555	Stormy with ●.
7	·437	·658	44·6	38·7	37·6	47·9	·262	·223	89	95	SW	W	—	—	·425	● 2 showers.
8	·673	·591	38·6	37·4	35·2	41·0	·214	·204	92	91	SW	SW	—	—	·375	Cloudy. ● showers.
9	·546	·649	31·0	29·0	28·3	40·0	·161	·139	93	87	NW	NW	—	—	—	Raw and cold. Ψ to NW. 9p.
10	·770	·817	26·0	27·0	24·2	39·5	·107	·114	76	79	NW	Calm	—	—	—	Clear and frosty.
11	29·848	29·979	27·0	33·3	24·2	43·0	·102	·164	70	86	NW	NW	—	—	—	Clear and frosty.
12	30·147	30·169	35·0	35·0	31·2	44·0	·174	·184	85	90	WNW	NE	—	—	—	Clear and frosty.
13	30·224	·088	35·0	44·1	30·7	44·5	·184	·247	90	85	SE	S	—	—	·476	Dull p.
14	29·905	30·110	39·7	37·1	33·7	45·0	·238	·201	97	91	Calm	NW	—	—	·095	
15	30·024	29·784	35·5	36·0	30·2	42·5	·208	·195	100	92	SSE	SSE	—	—	·025	Clear and fine.
16	29·506	29·359	33·0	36·0	32·2	41·0	·188	·204	100	96	SSE	SE	—	—	·565	Dull. ✳ showers. [to NW. 9p.
17	28·710	28·701	41·1	39·6	33·7	43·0	·238	·213	93	88	WSW	SW	—	—	·380	Showers of ✳ and ✳ ● (sleet). Ψ
18	28·874	29·097	35·0	37·1	34·2	41·5	·204	·211	100	95	NW	NW	—	—	·266	✳ showers.
19	29·239	·223	38·6	35·0	34·2	42·0	·205	·190	88	93	WSW	E	—	—	·255	
20	28·865	·091	35·2	39·6	33·2	40·0	·182	·195	88	80	ENE	E	—	—	·300	Cloudy and blowy.
21	29·369	29·768	37·1	33·0	32·2	42·0	·201	·178	91	95	NNW	Calm	—	—	—	
22	29·925	30·166	30·0	27·0	26·7	41·2	·154	·147	92	100	Calm	Calm	—	—	·140	Frosty.
23	30·368	·351	33·5	37·1	26·2	37·5	·186	·201	97	91	Calm	SE	—	—	—	Dull with ≋.
24	·064	·063	42·1	46·1	37·1	47·4	·248	·251	93	81	S	SW	—	—	·370	Dull and blowy with ●.
25	·028	·241	49·8	49·2	44·1	50·4	·348	·340	97	98	WSW	NW	—	—	·065	Dull. ⸝ (gale).
26	·366	·375	47·8	46·1	44·6	49·5	·298	·268	90	86	WSW	WSW	—	—	—	Clear, fine, and breezy.
27	·420	·417	46·7	35·0	34·7	53·4	·284	·196	89	96	SW	NW	—	—	—	Clear and fine. Ψ to S. 9p.
28	30·262	30·081	43·6	47·2	31·7	48·1	·257	·313	90	97	SSW	SSW	—	—	·020	Fine.
29	29·822	29·778	50·2	45·6	43·9	50·9	·332	·252	92	82	SSW	SW	—	—	·015	Clear. Breezy.
30	·601	·682	45·4	42·6	40·6	49·5	·245	·206	82	76	SW	SW	—	—	—	Clear. Breezy.
31	29·792	29·613	36·0	40·6	34·7	43·8	·179	·234	84	93	Calm	SE	—	—	·520	Clear. Chilly.
Means	29·785	29·806	39·2	39·0	34·1	45·4	·227	·217	91·5	89·6	—	—	—	—	5·745	

PINMORE.

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

DECEMBER 1881.

1	29·918	29·961	41·8	40·6	40·6	49·6	·243	·227	92	90	SW	SW	—	—	·070	
2	·875	29·856	50·8	47·9	40·4	52·1	·328	·313	88	95	SW	SW	—	—	·460	
3	29·933	30·108	42·0	30·4	30·4	50·6	·249	·170	94	100	W	W	—	—	—	
4	30·086	29·985	24·4	45·9	23·5	46·2	·131	·270	100	88	SW	SW	—	—	·150	
5	30·089	30·081	35·8	36·2	32·5	45·9	·199	·195	95	91	SW	SW	—	—	—	
6	29·995	29·506	44·0	45·9	34·0	51·1	·259	·239	90	78	SW	W	—	—	·920	
7	·519	·690	43·0	40·6	40·4	46·2	·230	·201	83	80	W	W	—	—	—	
8	·706	·641	39·1	38·2	38·2	42·8	·200	·190	84	83	NW	NW	—	—	—	
9	·527	·627	34·3	29·4	29·4	40·3	·188	·163	95	100	NW	N	—	—	—	
10	·717	·812	25·4	20·4	20·4	38·3	·137	·110	100	100	N	N	—	—	—	
11	29·837	29·925	17·9	31·4	17·5	36·2	·098	·177	100	100	N	NE	—	—	—	
12	30·123	30·189	33·8	31·4	31·4	38·3	·184	·177	94	100	NE	NE	—	—	—	
13	30·232	·122	32·4	42·5	23·5	43·3	·151	·226	82	84	E	SW	—	—	·580	
14	29·925	30·121	43·0	30·4	30·4	44·3	·259	·170	94	100	S	NW	—	—	·130	
15	30·080	29·818	32·4	35·3	28·0	38·3	·162	·168	88	81	S	S	—	—	·050	
16	29·491	29·376	35·3	33·4	30·0	39·3	·187	·171	91	89	S	S	—	—	·540	
17	28·821	28·770	40·1	41·0	32·5	41·3	·206	·231	83	90	W	W	—	—	·390	
18	28·954	29·161	37·7	38·2	36·5	41·3	·179	·226	79	98	NW	NW	—	—	·570	
19	29·312	·263	38·2	34·3	30·5	39·3	·208	·178	91	89	NW	NW	—	—	·160	
20	28·927	·138	36·2	36·7	31·0	38·3	·195	·206	91	95	NW	NW	—	—	·670	
21	29·324	29·757	39·1	37·2	35·5	42·3	·217	·200	91	90	N	N	—	—	·020	
22	29·945	30·191	29·9	26·4	26·4	37·2	·166	·143	100	100	N	N	—	—	—	
23	30·384	·358	25·4	37·7	23·5	38·3	·137	·214	100	95	E	E	—	—	·020	
24	·157	·090	41·5	44·9	37·4	46·2	·209	·269	80	91	SW	S	—	—	·870	
25	·112	·362	47·9	49·8	44·3	52·1	·313	·327	95	91	SW	W	—	—	·020	
26	·418	·427	47·4	44·9	42·4	50·1	·264	·269	81	91	W	SW	—	—	—	
27	·437	·420	42·3	42·0	42·0	47·2	·238	·249	89	94	S	SW	—	—	—	
28	30·292	30·126	44·4	47·9	42·0	48·2	·254	·305	87	93	SW	SW	—	—	—	
29	29·886	29·838	48·9	49·8	47·2	50·1	·313	·223	91	63	SW	SW	—	—	·070	
30	·678	·718	44·0	39·1	38·4	49·8	·259	·217	90	91	SW	SW	—	—	·040	
31	29·826	29·623	33·8	40·1	31·5	49·2	·176	·223	90	90	SW	SW	—	—	·750	
Means	29·823	29·841	37·8	38·4	33·3	44·3	·211	·214	90·6	91·0	—	—	—	—	6·480	

SCALEBY.

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

DECEMBER 1881.

Day.	Barometer at 32° and M. S. L. 9 a.m.	9 p.m.	Air Temperature. 9 a.m.	9 p.m.	Min.	Max.	Tension of Vapour. 9 a.m.	9 p.m.	Relative Humidity. 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	29·901	30·051	41·8	37·0	37·0	47·3	·263	·214	99	97	Calm	0	Calm	0	10	0	·040	
2	·963	29·986	47·3	49·8	35·0	51·2	·292	·294	90	82	SW	5	SW	5	8	8	—	
3	29·948	30·086	49·8	40·3	40·0	49·8	·305	·243	85	98	S	2	Calm	0	10	10	·450	
4	30·078	·030	40·8	43·8	39·0	44·0	·253	·261	99	92	Calm	0	SE	2	10	10	·040	
5	30·042	30·091	40·8	40·8	38·5	43·8	·241	·248	96	98	Calm	0	W	2	7	3	·050	
6	29·980	29·480	41·6	49·8	35·2	50·0	·224	·244	86	69	NW	4	SW	10	10	10	·280	
7	·550	·711	42·6	40·3	40·0	49·8	·229	·217	84	88	SW	5	SW	3	3	5	—	
8	·713	·653	37·3	36·8	34·2	40·3	·207	·213	93	98	Calm	0	SW	2	10	10	·180	♅
9	·569	·620	32·8	29·8	29·0	37·9	·184	·162	99	98	Calm	0	Calm	0	8	1	—	⚹
10	·693	·768	23·8	27·3	23·0	30·5	·124	·145	97	98	W	1	Calm	0	3	7	—	
11	29·749	29·843	33·3	36·8	26·2	37·0	·177	·196	94	91	W	1	N	1	10	4	—	
12	30·029	30·115	35·6	32·8	32·0	37·8	·190	·174	92	93	NE	3	N	1	1	0	—	
13	30·287	·232	29·8	32·8	27·4	37·8	·136	·184	82	99	E	1	E	2	1	0	·180	
14	29·993	30·145	36·0	32·8	31·2	36·0	·205	·162	97	88	SE	6	Calm	0	10	0	—	
15	30·073	29·862	26·6	27·8	25·1	34·2	·141	·149	98	98	S	1	N	1	3	1	—	
16	29·594	29·445	35·8	35·6	27·8	37·0	·188	·194	90	94	SW	5	SW	2	10	10	·390	
17	28·840	28·716	40·0	40·8	39·0	44·0	·240	·231	98	92	S	3	SW	6	8	10	·140	
18	28·881	29·116	33·8	35·8	33·2	40·8	·192	·184	99	89	SW	6	SW	7	10	0	·250	⚹ 9a.
19	29·282	·285	35·0	33·3	33·0	38·0	·197	·177	97	94	SW	5	SW	2	6	3	·020	
20	28·787	·147	36·0	36·6	32·2	38·0	·189	·189	90	88	NE	3	NE	2	10	10	·310	
21	29·343	29·764	37·6	33·3	33·3	38·0	·198	·161	88	85	SW	4	Calm	0	10	0	—	
22	29·940	30·172	26·8	25·8	24·5	33·3	·116	·128	81	93	Calm	0	Calm	0	3	0	—	
23	30·400	·470	23·8	27·8	21·0	31·0	·124	·149	97	98	E	1	N	1	10	0	—	
24	·283	·180	35·3	38·8	27·8	39·0	·175	·196	85	83	SW	5	SW	8	10	10	·230	
25	·148	·301	46·8	49·8	38·0	50·0	·294	·329	92	92	SW	7	SW	7	10	10	·030	
26	·429	·447	47·3	45·3	44·8	50·0	·287	·265	89	88	SW	6	SW	5	10	10	·010	
27	·487	·452	44·8	38·3	37·0	49·2	·260	·230	88	99	SW	2	N	2	2	0	—	
28	30·328	30·190	44·8	45·8	33·0	46·0	·271	·277	92	91	SW	1	SW	1	10	10	—	
29	29·916	29·839	49·8	49·3	44·0	50·0	·271	·335	76	96	SW	3	S	3	10	10	·150	
30	·892	·753	47·3	39·8	39·0	51·0	·306	·223	95	92	SW	4	SW	4	8	3	·140	♈ ♅
31	29·792	29·727	35·8	42·8	33·0	48·0	·188	·251	90	92	SE	2	S	3	8	10	·050	♅
Means	29·836	29·861	38·1	38·0	33·1	42·1	·215	·214	91·5	92·0		2·8		2·7	7·7	5·3	2·940	

SCARBOROUGH.

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

DECEMBER 1881.

Day.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.		9 p.m.		9 a.m.	9 p.m.	9 a.m.	Remarks.
1	29·969	30·062	44·7	39·7	39·5	44·7	·266	·238	90	97	SSE	5	WSW	1	9	2	·140	≋ 9p.
2	30·113	·100	41·7	49·4	35·0	49·4	·246	·322	93	91	SW	2	SSW	3	3	9	—	
3	·100	·130	46·2	41·2	39·5	49·4	·292	·353	94	91	SSW	2	SW	2	10	7	—	
4	·155	·145	40·1	41·7	38·5	41·7	·223	·242	90	92	SSW	3	SW	2	5	10	·120	
5	·056	30·103	44·7	42·5	41·5	47·3	·279	·238	94	87	SW	2	WSW	2	10	1	—	
6	30·132	29·639	38·7	49·0	37·0	49·1	·211	·327	90	94	SSW	2	SW	5	9	10	·140	
7	29·655	·754	41·7	39·9	39·7	49·3	·236	·219	90	90	SW	4	WSW	2	4	1	—	
8	·799	·731	36·7	36·1	36·0	39·9	·194	·191	90	90	SW	2	WSW	2	5	5	—	
9	·616	·592	31·1	29·6	29·3	36·3	·174	·161	100	99	SW	1	SW	1	10	2	—	≋ a. and p.
10	·631	·639	38·0	36·6	29·0	41·3	·197	·207	86	96	NW	1	NNW	2	2	10	·130	● ▲ p.
11	·609	29·742	42·2	40·7	35·5	42·3	·229	·231	86	91	N	2	NE	2	10	10	·320	
12	29·882	30·013	39·7	42·7	38·5	43·0	·219	·239	90	87	NE	7	ENE	2	10	10	·130	
13	30·321	·314	41·1	35·6	35·6	43·3	·220	·188	85	91	SSE	2	SW	2	5	0	—	
14	·170	30·104	31·6	37·1	31·0	37·5	·166	·207	93	94	SW	3	SW	1	0	0	·100	≋ 9p.
15	30·098	29·916	35·1	37·7	33·5	39·8	·192	·220	94	98	NW	1	W	2	4	10	·040	≋ 9a.
16	29·750	29·512	37·5	39·0	35·4	40·5	·220	·235	99	96	SSE	3	SSE	3	10	10	·330	≋⁰ (mist) a.
17	29·006	28·783	39·7	41·7	35·5	41·7	·219	·216	99	83	SW	5	WSW	4	10	8	·110	
18	28·844	29·095	38·4	36·7	36·0	42·7	·193	·186	84	86	WNW	4	W	5	7	1	·030	
19	29·283	29·328	37·7	35·6	35·0	40·4	·189	·186	83	90	W	4	W	2	1	0	·080	
20	28·837	28·974	41·6	41·7	33·5	41·7	·250	·225	95	86	SSE	6	E	2	10	10	·620	⚹ ● p.
21	29·411	29·687	37·3	38·7	36·9	42·8	·204	·191	92	82	WSW	1	W	2	9	10	—	
22	29·904	30·112	35·3	35·6	33·5	38·7	·181	·188	88	91	NW	1	WNW	2	2	0	—	≋ 9a.
23	30·367	·503	30·7	34·6	30·4	37·8	·146	·175	85	87	W	1	W	1	0	0	—	≋ 9a.
24	·458	·373	33·6	36·7	31·0	36·7	·170	·194	88	90	S	2	SW	2	10	10	·020	
25	·288	·282	36·7	46·6	35·2	46·8	·194	·301	90	95	SW	4	SW	3	10	1	·040	
26	·406	·415	45·5	42·5	42·3	48·5	·278	·246	92	90	WSW	2	WSW	2	5	0	—	
27	·431	·479	43·0	43·6	41·5	48·6	·260	·215	91	76	WSW	4	WSW	3	1	0	—	
28	·373	30·254	39·4	36·7	33·4	46·7	·200	·204	83	94	WSW	1	WSW	2	0	1	—	≋ p.
29	30·067	29·948	37·9	44·8	35·5	46·3	·220	·273	97	92	SW	2	SW	3	1	9	—	≋ a. and p.
30	29·794	·795	43·2	43·7	42·6	47·7	·250	·260	89	91	WSW	4	WSW	1	3	1	·010	
31	29·889	29·819	36·7	41·7	36·4	43·7	·214	·253	99	96	W	1	S	2	7	9	·040	≋ 9a. ≋⁰ (mist) p.
Means	29·884	29·882	39·0	40·0	35·9	43·4	·217	·226	90·6	90·7		2·7		2·3	5·0	5·1	2·400	

Observer remarks: Mean sea temperature 44°·1.

DOUGLAS, ISLE OF MAN.

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

DECEMBER 1881.

Day.	Barometer at 32° and M. S. L. 9 a.m.	9 p.m.	Air Temperature. 9 a.m.	9 p.m.	Min.	Max.	Tension of Vapour. 9 a.m.	9 p.m.	Relative Humidity. 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	29·920	29·992	44·5	47·1	33·2	48·6	·290	·320	99	98	NW	1	S	3	9	10	·125	Bar. 30·020 3p. ⌊ p. Temp. 33·2 at [8.30p., when ● began.
2	·952	29·911	51·5	51·8	46·7	52·4	·359	·361	94	93	SSE	4	SSE	7	9	9	·340	Squally p. Squally ⸝ ●² n.
3	29·962	30·083	44·7	39·4	39·4	52·0	·292	·242	98	100	Calm	0	Calm	0	8	7	.202	●² a.
4	30·095	·001	34·7	47·9	30·8	48·7	·200	·321	99	97	Calm	0	SSW	5	7	10	·430	⌊ a.
5	30·078	30·120	44·0	42·5	36·0	48·8	·277	·257	96	94	W	2	WSW	2	8	6	—	♅ 9p.
6	29·897	29·529	48·0	48·1	37·0	51·3	·285	·262	86	78	S	7	SW	7	10	5	·370	Squally ⸝ a. and p. ● 9.30a.–5p.
7	·601	·772	44·0	41·0	41·0	48·2	·265	·235	92	92	WSW	6	W	3	7	2	—	Squally ⸝ a.
8	·768	·657	39·2	39·9	38·4	43·7	·220	·224	92	91	W	3	WSW	3	3	3	—	⌊ a.
9	·556	·647	36·0	31·9	29·8	41·5	·197	·177	93	98	WNW	2	NNW	1	3	3	—	⌊² a.
10	·711	·778	29·0	30·3	26·6	39·8	·151	·161	95	96	Calm	0	Calm	0	2	1	—	⌊² a. and p.
11	29·830	29·889	31·7	37·0	28·4	41·5	·160	·204	90	93	N	1	N	2	1	2	—	⌊² a.
12	30·041	30·125	39·2	37·5	36·2	43·6	·216	·203	90	90	N	3	N	1	2	1	—	⌊ a.
13	30·260	·186	41·0	44·0	34·7	44·5	·219	·261	86	90	SE	4	S	4	8	10	·520	≋ (mist) 9a. ●² at night.
14	29·960	30·153	47·0	31·3	31·0	47·0	·323	·175	100	99	SW	4	Calm	0	10	1	·075	●² a.
15	30·055	29·817	33·5	39·7	27·2	42·8	·182	·189	94	77	NW	1	SSE	3	6	3	·030	⌊² a.
16	29·530	29·349	42·6	28·6	28·6	42·9	·260	·157	95	100	WSW	4	Calm	0	8	2	·380	
17	28·903	28·845	43·5	42·7	27·7	44·0	·237	·241	85	88	W	6	W	8	9	4	·022	Squally ⸝ ●² a. Bar. 28·780 6p. Squally ⸝² p.
18	29·065	29·276	39·1	38·3	37·8	42·7	·196	·221	82	96	WNW	8	WSW	8–9	3	3	·020	Squally ⸝ a. and p. △ ● 3p.
19	29·380	·214	39·0	38·5	35·1	40·6	·218	·144	92	61	W	4	Calm	0	6	2	1·055	⌓ p.
20	28·789	·168	32·7	38·3	32·4	41·7	·186	·231	100	100	SW	2	NW	4	10	10	·430	●² a. ⚹² 6a.–8a. ● all day. [●² 8p.-midt. ⸝ (force 8) at night.
21	29·470	29·798	40·0	35·5	35·5	41·4	·207	·198	84	95	W	8	Calm	0	7	0	—	Squally ⸝ a.
22	29·915	30·163	30·0	30·2	29·4	42·2	·158	·163	95	97	Calm	0	Calm	0	7	2	—	⌊² a. and p.
23	30·388	·419	29·0	40·8	26·3	42·4	·160	·230	100	91	Calm	0	SSE	4	0	1	·010	⌊² a. ⊕ 3.15p.–3.35p. Temp. 33·0, 4p.
24	·230	·187	42·8	46·0	38·6	46·0	·236	·311	88	100	S	6	S	6–7	9	10	·561	Squally ⸝ a. and p. ●² p.
25	·235	·375	48·4	50·4	45·5	50·9	·336	·354	98	96	SW	6	WSW	5	10	9	—	⸝ ●² a. ⸝ p.
26	·480	·494	47·7	46·4	46·2	51·7	·289	·299	88	95	WSW	5	Calm	0	10	9	—	⌓² 9p.
27	·520	·472	47·4	45·2	45·2	50·5	·316	·297	96	99	SW	4	Calm	0	5	0	—	
28	30·339	30·205	47·5	48·6	43·6	49·5	·316	·333	96	97	SW	4	SSW	5	9	10	—	
29	29·961	29·849	49·7	49·5	47·5	50·0	·334	·347	94	97	SSW	7	SW	4	10	10	·145	⸝ a.
30	·733	·783	47·3	43·3	42·4	49·5	·280	·235	87	84	WSW	4	SW	2	6	7	—	♅ 9p.
31	29·827	29·648	34·5	46·9	33·0	49·4	·190	·286	95	90	N	1	SSE	6	6	9	·201	⌊ a. ≋⁰ (mist) p. ⸝ p.
Means	29·853	29·868	40·9	41·2	35·8	46·1	·244	·246	92·8	92·6		5·5		3·0	6·7	5·2	4·916	

WAKEFIELD.

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

DECEMBER 1881.

Day.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.		9 p.m.		9 a.m.	9 p.m.	9 a.m.	Remarks.
1	29·943	30·113	43·4	38·1	37·6	45·9	·273	·220	97	95	ESE	2	W	2	10	5	·290	●² 9a. Fine after 5p.
2	30·106	·099	45·7	49·0	34·0	54·0	·286	·317	94	92	SSE	4	SE	2	3	2	—	Fine.
3	·089	·146	49·3	41·5	41·2	50·5	·294	·230	84	89	SE	2	SE	2	10	5	—	
4	·154	·120	42·2	43·4	40·1	45·7	·243	·251	90	89	SSE	2	ESE	3	10	10	·020	Dull.
5	·100	30·169	46·4	43·2	42·7	48·3	·281	·253	90	90	SW	2	WSW	2	7	3	·020	Fine after 5p. ♅
6	30·110	29·683	40·9	47·3	39·0	50·9	·231	·250	91	77	SE	2	SE	2	10	10	·110	Dull and gloomy.
7	29·667	·820	43·2	42·2	41·6	48·9	·212	·226	76	85	SW	4	WNW	2	6	2	·030	Fine.
8	·812	·722	37·3	36·9	34·2	45·5	·196	·182	88	84	SSW	2	SSE	2	7	5	—	
9	·622	·626	28·0	29·4	26·8	36·9	·147	·153	96	95	SW	1	NW	2	10	10	—	≋ all day.
10	·693	·703	31·0	32·5	26·2	37·6	·149	·152	85	83	WNW	2	NW	2	10	0	·120	≋ before 9a. Fine after 10a.
11	·672	29·769	36·7	38·1	31·7	38·6	·185	·208	85	90	WNW	2	WNW	1	10	10	·120	Dull till 3p., then ●⁰.
12	29·925	30·099	38·7	37·9	36·4	40·3	·204	·196	87	86	NNW	3	NNW	2	9	10	·020	Dull and gloomy.
13	30·361	·327	32·1	29·0	29·0	38·8	·174	·160	96	100	N	1	WSW	1	10	10	—	≋² all day.
14	·163	30·111	34·1	38·2	26·3	40·9	·165	·193	83	85	S	2	W	2	8	10	·040	Dull and gloomy. ●⁰.
15	30·113	29·877	27·0	34·1	25·1	39·1	·147	·182	100	92	SSW	2	E	2	10	10	·060	≋² a. and p., clearer from 4p.
16	29·709	29·473	37·4	40·1	33·2	41·9	·218	·220	97	89	SE	1	E	3	10	10	·430	Dull
17	29·012	28·883	41·9	43·4	36·5	44·0	·207	·212	79	75	SW	4	SSW	6	4	6	·490	Dull all day.
18	28·972	29·247	38·1	35·7	35·1	44·0	·200	·196	87	95	WSW	7	W	8	5	2	·170	Rough and wild n. and during day with [● ▲.
19	29·397	·250	38·1	38·1	35·7	41·9	·189	·179	82	78	WSW	4	WSW	2	3	2	·600	
20	28·785	·060	33·1	35·1	32·5	38·8	·182	·186	97	91	ESE	2	ESE	2	10	10	·110	⚹ 9a. and before. Dull and gloomy.
21	29·477	29·798	40·1	37·5	34·8	42·5	·195	·188	78	84	W	3	WNW	2	4	2	—	
22	29·941	30·169	32·1	30·1	28·8	36·8	·174	·138	96	82	W	2	W	2	10	0	—	Dull till 3p., then fine.
23	30·417	·519	29·0	25·0	23·0	35·6	·126	·128	79	95	W	2	W	1	0	10	—	Fine and bright. ≋² 9p.
24	·459	·396	31·0	37·1	22·7	39·2	·149	·196	85	88	S	1	SSW	2	10	10	·050	≋ before 9a. Dull.
25	·343	·357	34·1	50·0	37·1	50·0	·152	·301	76	84	WSW	2	WSW	3	10	10	·010	Dull.
26	·487	·462	49·0	45·2	36·6	49·9	·275	·260	79	87	WSW	4	WSW	5	10	6	—	Fine.
27	·528	·521	41·9	35·1	34·4	49·6	·246	·183	93	89	WSW	2	WNW	2	2	0	—	Fine.
28	·414	30·306	31·8	37·9	29·0	42·1	·161	·210	90	92	W	1	W	2	10	4	·010	Dull and gloomy most of day.
29	30·074	29·963	46·0	50·4	36·0	53·0	·238	·305	77	84	W	2	W	3	5	8	—	
30	29·808	·838	48·9	44·0	43·7	52·0	·276	·243	80	84	S	4	WSW	3	7	3	·010	Dull. ♅ p.
31	29·907	29·788	31·2	40·7	30·3	46·5	·170	·239	97	94	SSE	1	S	1	10	10	·030	≋ 9a.–6p. Dull and gloomy.
Means	29·912	29·917	38·1	38·9	33·6	44·2	·205	·212	87·5	87·8		2·4		2·5	7·7	6·3	2·740	

LLANDUDNO.

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

DECEMBER 1881.

Day.	Barometer at 32° and M.S.L. 9 a.m.	9 p.m.	Air Temperature. 9 a.m.	9 p.m.	Min.	Max.	Tension of Vapour. 9 a.m.	9 p.m.	Relative Humidity. 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	29·930	30·043	43·9	44·5	39·9	49·0	·262	·253	91	87	W	1	W	1	10	10	·010	Fine day.
2	30·028	29·993	53·8	53·5	44·0	53·8	·292	·306	70	75	SSW	3	W	6	8	10	·180	Dull with ● 0 showers.
3	29·994	30·042	48·0	45·0	44·8	53·5	·315	·275	94	92	SW	1	W	1	10	10	·750	Dull. ● showers *a.* ● *p.*
4	30·135	·066	44·0	46·7	40·8	49·9	·265	·274	92	87	W	1	W	4	8	9	—	Very fine.
5	30·112	30·182	47·8	46·8	45·0	51·2	·288	·256	87	80	W	1	W	1	7	4	·030	Very fine.
6	29·996	29·633	47·9	48·6	41·2	56·5	·255	·276	77	82	SW	1	W	6	9	8	·120	● showers *a.* Squally ● *p.*
7	·681	·894	45·1	44·9	43·0	49·8	·248	·213	83	72	W	5	W	3	6	3	·050	Very fine with cold wind.
8	·832	·749	41·0	41·0	38·9	45·0	·225	·214	88	83	SW	2	W	1	3	5	—	Very fine day.
9	·596	·613	37·0	37·0	35·0	45·0	·191	·220	87	100	W	1	NW	1	3	8	·050	Very fine.
10	·706	·760	35·0	34·0	31·5	40·2	·191	·175	94	89	NE	1	N	1	8	0	—	≋0 (mist) *9a.* Very fine.
11	29·790	29·862	40·0	42·8	31·0	43·0	·193	·217	78	79	N	1	N	5	9	5	—	Very fine. Squally *9p.*
12	30·010	30·116	42·8	42·0	37·0	44·6	·217	·206	79	78	NE	3	NE	2	7	3	—	Fine.
13	·288	·266	35·0	37·8	33·2	42·5	·182	·192	89	85	NW	1	NW	1	3	0	·030	≋0 (mist) *9a.* Very fine.
14	·048	30·184	45·2	41·8	35·5	45·4	·247	·243	83	92	WSW	5	W	1	9	2	·110	Squally *9a.* ● 0
15	30·093	29·856	36·0	34·8	32·1	42·1	·188	·168	89	82	W	1	W	1	3	0	—	Very fine.
16	29·607	29·375	39·0	37·8	31·5	41·0	·209	·211	89	93	W	2	W	1	10	2	·105	Raw and cold, with ● showers.
17	·047	28·988	43·0	44·2	34·8	45·0	·240	·288	84	99	W	2	W	5	10	10	·390	● showers *a.* Fair *p.*
18	·167	29·393	40·2	41·8	39·5	44·5	·196	·199	79	76	W	4	W	6	9	2	·070	Fine till 4.30*p.* then ▲ showers.
19	29·536	·341	41·0	39·8	36·5	45·0	·231	·209	90	86	WSW	3	W	1	6	10	·320	Very fine.
20	28·831	·157	42·0	42·5	35·0	43·0	·223	·243	84	90	W	4	W	3	10	10	·180	✳ showers *a.* ● *p.*
21	29·577	29·838	40·0	40·0	38·0	44·0	·217	·217	88	88	W	2	W	1	2	2	—	Very fine.
22	29·924	30·171	35·8	35·0	33·5	41·2	·186	·193	89	95	W	0·6	W	0·6	8	8	—	Very fine.
23	30·400	·442	32·2	33·5	30·2	40·8	·166	·146	92	77	W	0·6	WNW	1	0	0	—	Very fine.
24	·291	·244	40·8	43·0	33·0	45·5	·192	·234	75	84	NNW	1	W	4	4	5	·020	Fine *a.* ● *p.*
25	·291	·430	48·2	50·8	42·0	52·8	·295	·336	89	91	W	2	W	1	10	10	—	● showers *a.* Fine *p.*
26	·517	·517	48·5	47·0	45·5	52·0	·292	·298	87	93	WSW	1·2	W	2	5	0	—	Very fine.
27	·527	·532	48·6	45·5	43·0	53·0	·216	·210	63	70	WSW	2	W	0·6	0	0	—	Very fine and mild.
28	·379	30·255	44·0	47·0	42·0	51·0	·243	·294	84	92	E	1	W	1	8	10	—	Very fine.
29	30·024	29·899	50·5	52·2	45·8	53·0	·281	·338	77	86	WSW	2	W	2	5	10	·060	Fine day. ● in evening.
30	29·788	·821	49·4	44·8	44·0	53·0	·297	·273	85	92	W	2	WSW	0·6	10	7	·020	Very fine.
31	29·830	29·703	39·5	44·6	37·5	51·9	·216	·276	90	94	SW	0·6	SW	1	3	5	·150	Very fine.
Means	29·902	29·915	42·8	42·9	38·2	47·3	·234	·240	84·7	86·1		1·9		2·1	6·5	5·4	2·545	

BUXTON.

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

DECEMBER 1881.

1	29·945	30·158	42·6	36·4	35·8	43·6	·242	·200	89	94	SW	1	NW	1	10	0	·280	
2	30·166	·132	43·9	47·4	34·4	48·2	·277	·303	97	93	SW	2	SW	3	7	9	—	
3	·132	·173	45·4	39·4	37·8	48·4	·271	·215	90	90	SW	2	SW	2	8	9	—	
4	·209	·140	38·6	40·6	36·8	40·8	·220	·248	94	98	SW	1	SW	1	10	10	·130	
5	·152	30·216	42·9	38·9	36·5	46·6	·263	·217	95	92	NW	1	NW	1	6	8	—	
6	30·143	29·748	40·3	43·4	33·5	48·4	·237	·263	96	94	SW	2	SW	2	6	10	·500	
7	29·772	·862	37·6	36·6	35·8	44·3	·201	·195	90	91	W	2	NW	2	6	2	—	
8	·860	·755	32·9	31·9	30·5	41·0	·172	·159	92	88	W	1	NW	1	2	3	—	
9	·663	·655	29·8	22·7	22·0	32·0	·166	·121	100	100	SE	1	SE	1	10	10	—	≋ *9a.* and *p.*
10	·751	·755	22·9	28·6	20·0	38·0	·115	·139	95	89	NE	1	NE	1	5	4	·130	
11	·743	29·796	30·9	34·1	26·0	34·5	·162	·188	95	96	NW	1	NE	1	7	5	—	✳ before *9a.*
12	29·958	30·086	33·9	34·7	31·0	36·1	·190	·168	98	83	NW	1	NW	1	10	0	·210	✳ *9a.* ✳ ● *p.*
13	30·280	·355	33·3	32·6	29·0	38·0	·173	·149	92	82	SE	1	NW	1	10	0	—	≋0 (mist) *9a.* and before.
14	·199	30·211	33·6	34·6	29·5	37·0	·160	·196	83	98	SE	1	SW	1	6	4	·900	✳ ● *p.*
15	30·149	29·902	24·2	32·9	22·0	35·5	·122	·183	95	98	SW	1	SW	1	10	10	·070	≋0 (mist) *a.* and *p.* ✳ *p.*
16	29·753	29·475	33·9	32·3	30·7	39·1	·186	·176	96	97	SW	1	WSW	1	8	10	1·020	● 2 *p.* ✳ ● *9p.*
17	·110	28·988	36·9	38·2	31·0	39·5	·211	·188	97	82	WSW	1	SW	2	10	10	·980	
18	·128	29·340	33·4	34·6	32·0	39·0	·176	·163	93	81	NW	2	NW	2	10	10	·090	✳ *9a.* and before. ● ✳ *p.* ▲ *9p.*
19	29·472	·381	34·4	32·4	30·7	39·2	·161	·174	81	96	NW	2	NW	1	4	4	·520	
20	28·851	·107	34·4	34·0	31·5	37·1	·184	·189	93	97	NW	2	NW	1	10	10	·750	✳ *a.* and *p.*
21	29·521	29·854	35·4	34·6	32·3	37·0	·188	·188	92	94	NW	2	NW	1	8	2	—	✳ ● *p.*
22	30·005	30·209	27·6	23·9	22·2	35·4	·151	·120	100	95	NW	1	NW	1	8	0	—	≋0 (mist) *9a.*
23	·459	·598	29·7	20·5	18·9	40·0	·165	·110	100	100	NW	1	NW	1	4	0	—	≋0 (mist) *9a.* and *9p.*
24	·487	·440	32·3	34·6	17·4	35·7	·176	·188	97	94	SW	1	NW	2	9	10	—	✳ *9p.*
25	·418	·422	35·7	45·3	32·8	45·5	·205	·270	99	89	W	2	SW	3	10	10	·250	● before *9a.*
26	·567	·557	42·6	37·9	37·5	46·1	·262	·222	96	97	W	1	NW	1	8	1	—	● ● before *9a.*
27	·581	·569	44·6	40·3	36·5	51·2	·271	·181	92	72	NW	1	NE	1	0	10	—	
28	·468	·337	33·6	37·9	32·5	43·6	·184	·224	95	98	NW	1	NE	1	2	8	—	
29	30·152	30·021	40·5	44·6	36·8	45·6	·227	·271	90	92	SW	2	SW	3	7	8	·010	
30	29·927	29·868	41·9	40·9	40·3	45·6	·253	·245	95	96	SW	2	SW	1	10	5	·140	● before *9a.*
31	29·942	29·836	35·4	39·3	33·8	42·3	·195	·224	94	94	SW	1	SW	1	10	10	·080	≋0 (mist) *a.*
Means	29·966	29·966	35·6	35·7	30·9	41·1	·199	·196	93·9	92·3		1·4		1·4	7·5	6·2	6·060	

HILLINGTON, NORFOLK.

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

DECEMBER 1881.

Day.	Barometer at 32° and M. S. L. 9 a.m.	9 p.m.	Air Temperature. 9 a.m.	9 p.m.	Min.	Max.	Tension of Vapour. 9 a.m.	9 p.m.	Relative Humidity. 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	30·002	30·087	43·5	40·2	40·0	45·5	·247	·238	87	96	SE	3	WNW	0·5	10	9	·185	
2	·211	·211	41·0	46·7	31·8	50·7	·250	·297	98	94	SW	1	SSW	2	4	10	·010	◻ *9p.*
3	·200	·195	43·9	37·9	37·4	47·7	·264	·216	92	95	S	3	SSE	1	1	0	·005	◻ 2 *a.* Very fine and sunny. Ψ
4	·248	·229	39·2	39·7	36·5	40·8	·209	·224	88	92	SSW	3	S	0·5	10	10	·058	Overcast all day. Ψ
5	·140	30·186	44·4	36·3	34·1	45·0	·200	·206	99	95	S	0·5	SW	0·5	10	0	·158	⌴ *9p.*
6	30·228	29·814	34·6	48·0	31·1	48·3	·196	·305	98	92	SW	0·5	SW	6	10	10	·284	⌴ 2 *a.* Very fine and sunny *a.* ● 0 *p.*
7	29·774	·865	41·7	39·6	36·2	48·7	·246	·199	93	92	SW	2	SW	0·5	10	0	·015	◻ 2 *9p.*
8	·880	·798	32·5	31·2	29·9	41·1	·173	·172	95	99	SW	0·5	SW	0·5	0	1	·010	⌴ 2 *9a.* Very fine and sunny.
9	·631	·576	29·2	32·1	28·1	35·3	·156	·176	97	98	E	0·5	NW	1	10	10	·006	≋0 (mist) *9a.* ≋ *11.30a.* ≋ 2 *1p.*
10	·638	·643	32·1	35·3	30·2	35·5	·172	·199	95	97	N	0·5	NNW	0·5	10	10	·005	⌴ ≋ *9a.* and before.
11	·655	29·695	32·3	35·1	31·1	36·1	·176	·198	97	97	NW	1	NW	0·5	10	10	·264	
12	29·763	30·043	38·6	35·0	30·1	38·8	·218	·196	93	96	NW	0·5	NE	1	10	10	·040	⌴ *7p.*
13	30·323	·349	31·9	28·7	27·6	38·6	·171	·152	95	96	E	0·5	SE	0·5	0	1	·010	⌴ *9a.* and *9p.* Very fine and sunny.
14	·260	30·159	33·8	38·0	28·1	39·6	·176	·221	92	96	SW	1	WSW	1	9	10	·138	⌴ *9a.* and before. Very fine and sunny.
15	30·096	29·974	36·6	36·7	35·9	39·5	·213	·195	99	90	S	0·5	S	1	10	10	·078	≋0 (mist) *a.* Overcast. [● 0 *7p.*
15	30·093	29·856	36·0	34·8	32·1	42·1	·188	·168	89	82	W	1	W	1	3	0	—	Very fine.
16	29·607	29·375	39·0	37·8	31·5	41·0	·209	·211	89	93	W	2	W	1	10	2	·105	Raw and cold, with ● showers.
17	·047	28·988	43·0	44·2	34·8	45·0	·240	·288	84	99	W	2	W	5	10	10	·390	● showers *a.* Fair *p.*
18	·167	29·393	40·2	41·8	39·5	44·5	·196	·199	79	76	W	4	W	6	9	2	·070	Fine till 4.30*p.* then ▲ showers.
19	29·536	·341	41·0	39·8	36·5	45·0	·231	·209	90	86	WSW	3	W	1	6	10	·320	Very fine.
20	28·831	·157	42·0	42·5	35·0	43·0	·223	·243	84	90	W	4	W	3	10	10	·180	✳ showers *a.* ● *p.*
21	29·577	29·838	40·0	40·0	38·0	44·0	·217	·217	88	88	W	2	W	1	2	2	—	Very fine.
22	29·924	30·171	35·8	35·0	33·5	41·2	·186	·193	89	95	W	0·6	W	0·6	8	8	—	Very fine.
23	30·400	·442	32·2	33·5	30·2	40·8	·166	·146	92	77	W	0·6	WNW	1	0	0	—	Very fine. ⌴
24	·291	·244	40·8	43·0	33·0	45·5	·192	·234	75	84	NNW	1	W	4	4	5	·020	Fine *a.* ● *p.*
25	·291	·430	48·2	50·8	42·0	52·8	·295	·336	89	91	W	2	W	1	10	10	—	● showers *a.* Fine *p.*
26	·517	·517	48·5	47·0	45·5	52·0	·292	·298	87	93	WSW	1·2	W	2	5	0	—	Very fine.
27	·527	·532	48·6	45·5	43·0	53·0	·216	·210	63	70	WSW	2	W	0·6	0	0	—	Very fine and mild.
28	·379	30·255	44·0	47·0	42·0	51·0	·243	·294	84	92	E	1	W	1	8	10	—	Very fine.
29	30·024	29·899	50·5	52·2	45·8	53·0	·281	·338	77	86	WSW	2	W	2	5	10	·060	Fine day. ● in evening.
30	29·788	·821	49·4	44·8	44·0	53·0	·297	·273	85	92	W	2	WSW	0·6	10	7	·020	Very fine.
31	29·830	29·703	39·5	44·6	37·5	51·9	·216	·276	90	94	SW	0·6	SW	1	3	5	·150	Very fine.
Means	29·902	29·915	42·8	42·9	38·2	47·3	·234	·240	84·7	86·1		1·9		2·1	6·5	5·4	2·545	

UPPINGHAM.

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

DECEMBER 1881.

1	29·960	30·130	41·0	38·5	38·4	42·8	·264	·221	99	95	SEb.S	1	WNW	2	10	0	·357	Gloomy till 8*a.* ● till 2*p.* ∞ ≋0 *p.*
2	30·190	·179	43·4	47·2	35·3	50·5	·271	·305	96	95	swb.s	2	SW	3	4	7	—	Dull early *a.* Bright *a.* Overcast *p.*
3	·161	·184	43·9	36·4	35·3	47·6	·265	·206	92	96	S	3	S by E	2	3	0	—	∞ early *p.* ◻ *9p.* [● 0.
4	·224	·194	35·9	41·9	33·2	41·9	·200	·259	95	98	S by W	2	S by E	2	9	10	·081	◻ (⌴ in shade) *a.* Day dull.
5	·118	30·193	44·0	38·6	37·8	46·6	·286	·222	99	95	SSW	1	W	1	10	6	·020	≋0 ● 0 *a.* ≋0 *p.* Quite clear *6p.* [◻ *9p.*
6	30·197	29·761	35·6	48·9	35·0	49·0	·203	·341	97	99	swb.s.	2	S	7	5	10	·259	⌴ ≋ *a.* ● ● 0 *p.* Calm *11p.*
7	29·771	·882	40·6	36·5	36·2	49·6	·240	·206	95	95	swb.w	1	WSW	2	9	0	—	Dull *a.* Cloudless from *11a.* ◻ *9p.*
8	·887	·794	34·4	34·1	31·9	42·5	·191	·195	96	99	W by S	2	WSW	1	0	7	—	⌴ *a.* Bright all day. ∞ 0 *p.* ≋0 *11p.*
9	·637	·592	28·9	25·0	24·9	35·9	·159	·135	100	100	WbyS	1	Calm	0	10	0	·010	Clear early. ≋ *7a.* ≋0 from *3p.* [⌴ *a.* and *p.*
10	·654	·682	28·6	32·0	23·6	34·0	·157	·175	100	96	N	1	N	1	7	2	·011	⌴ 2 ≋0 *a.* ≋0 ∞ *p.* [● 0 later.
11	·678	29·714	29·5	34·9	24·1	35·6	·150	·201	91	99	WbyN	1	NW	2	10	10	·043	⌴ ≋0 *a.* Gloomy. ✳ 0 ● 0 *p.*
12	29·850	30·004	36·0	34·8	33·2	36·9	·201	·188	95	93	nwb.N	2	NbyW	1	10	10	·061	Gloomy with ● 0 all day.
13	30·322	·352	32·1	30·9	30·7	39·3	·180	·168	99	97	NEb.N	1	Calm	0	2	0	—	≋ 2 *a.* but gradually cleared to fine [day. ≋ 2 in valley all day.
14	·253	30·167	30·5	37·1	27·2	37·2	·155	·219	91	99	SSW	2	WSW	1	1	10	·111	∞ ⌴ *a.* Gloomy, with ● 0 *p.*
15	30·096	29·938	33·4	34·8	33·0	38·3	·185	·199	97	98	Calm	0	SSW	3	10	10	·153	≋0 ● 0 all day. Very gloomy *2p.–4p.*
16	29·778	·526	37·0	37·9	34·1	40·6	·218	·219	99	96	S by W	2	SSE	4	1	10	·140	Bright *a.* Cloudy *p.*, with rising wind.
17	·760	·012	41·9	42·0	35·8	44·2	·246	·227	93	86	SW	5	W	5	9	7	·773	● ● early *a.* ● 2 *10a.–4p.* Bar. [28·931 *4.30p.*
18	·099	·380	37·0	34·9	32·6	42·5	·187	·185	85	91	W	6	WbyS	3	2	0	—	✳ 0 ● 0 *a.* Bright *a.* ● (WNW., [force 8) *6p.–8p.* Overcast. ∞ *9p.*
18	·099	·423	34·3	34·4	33·1	41·1	·186	·199	94	100	WbyS	3	SSW	1	0	0	·366	Bright *a.* ⌴ 0 ∞ 0 *9a.* Ground frozen [hard. ◻ 2 *9p.* with ⌴ on ground.
19	29·473	·423	34·3	34·4	33·1	41·1	·214	·213	96	97	WbyN	5	Wb.N	5	10	10	·161	Cir. from S. by E. *8.30a.*
20	28·878	·016	37·2	36·9	33·6	41·9	·199	·179	96	90	W	2	Wb.N	3	9	0	—	Dull *a.* [⌴ *9p.*
21	29·525	29·830	35·6	34·6	33·6	41·5	·222	·165	91	98	N	1	N by E	1	10	0	—	Dull *a.* ∞ 2 ≋ on low ground Noon.
22	29·932	30·112	32·0	30·1	30·0	38·9	·165	·113	83	94	NbyW	1	Calm	0	0	0	—	∞ ≋ all day. ⌴. ≋ 2 *3.30p.* ⌴ 2
23	30·408	·558	30·0	22·3	22·0	35·7	·140	·180	85	91	S	1	S	4	10	10	—	≋0 *a.* ● 0 Noon. Ground frozen *9p.*
24	·509	·473	30·0	34·0	21·8	35·3	·143	·255	84	98	S by W	2	SW	3	10	10	·110	Dull and gloomy, with ● 0. Squally *9p.*
25	·456	·459	34·6	41·2	30·8	41·4	·169	·231	98	95	WbyS	1	WbyS	1	9	0	—	≋ 2 *7 30a.* Dull and overcast till *5p.*
26	·539	·556	42·8	39·6	39·0	44·6	·271	·208	99	100	WbyS	5	WbyS	5	8	0	·010	≋ 2 *6a.–11a.* Bright and sunny till
27	·566	·589	40·0	35·6	35·6	44·2	·245	·240	97	100	WbyS	4	WbyS	3	10	10	—	≋ 2 all day. [*6p.*, then ≋.
28	·450	·355	33·9	39·3	33·3	40·1	·193	·241	99	100	WbyS	4	SW	4	10	3	—	≋0 till *8a.* Bright *p.* ◻ *9p.* Over- [cast *11p.*
29	30·198	30·068	39·7	41·7	35·1	45·9	·238	·258	93	98	swb.s	4	SW	3	0	9	—	Bright, with ◻ 2 *a.* Cloudy *p.*
30	29·922	29·887	41·1	41·8	37·9	46·3	·260	·221	100	92	Calm	0	S	1	10	10	—	≋ *3a.–11a.* Day dull and gloomy.
31	29·900	29·838	41·3	39·3	39·1	43·3	·207	·213	94·7	96·0		2·1		2·4	6·7	5·2	2·666	
Means	29·961	29·963	36·4	36·7	32·5	41·8												

CHURCHSTOKE.

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

DECEMBER 1881.

Day.	Barometer at 32° and M. S. L. 9 a.m.	Barometer 9 p.m.	Air Temperature 9 a.m.	Air Temp. 9 p.m.	Min.	Max.	Tension of Vapour 9 a.m.	Tension 9 p.m.	Relative Humidity 9 a.m.	Relative Humidity 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	29·959	30·157	41·1	37·7	35·1	48·3	·253	·196	98	87	W 0·5	WSW 1	10	6	·026	◠, ⌣ on ground.
2	30·126	·071	49·3	49·8	37·3	51·3	·311	·292	89	82	WSW 3	WSW 0·5	8	8	·020	Dull, with ● showers.
3	·056	·121	48·1	43·6	43·1	50·3	·289	·252	86	89	SW 3	SW 2	9	10	·007	Gloomy and threatening.
4	·167	·135	43·6	43·9	41·2	46·9	·270	·249	95	87	SW 2	WSW 2	10	10	—	Overcast and dull. Primroses in bloom.
5	·154	30·228	39·8	41·3	38·8	49·5	·231	·236	95	92	W 1	W 1	4	3	—	Bright and warm *a*.
6	30·103	29·722	42·0	45·6	36·2	52·3	·243	·251	91	82	SSW 1	SW 4	8	10	·233	Dull.
7	29·757	·904	41·3	39·8	37·7	46·3	·213	·205	82	84	W 1	W 3	1	1	·020	◠
8	·883	·763	35·6	35·6	34·4	46·3	·198	·188	96	91	W 0·5	W 1	0	2	—	⌣ *a*. Clear and bright. ◠ *p*.
9	·620	·643	31·3	28·1	26·9	41·0	·166	·148	95	97	SE 0·5	W 1	1	2	—	⌣ *a*. Clear and bright.
10	·720	·765	31·8	29·9	26·1	34·5	·179	·166	100	100	NNW 1	NNW 1	10	10	—	⌣ *a*. ≋ (mist) *a*. and *p*.
11	·769	29·859	32·3	36·8	24·2	37·1	·155	·196	85	91	WNW 3	NW 2	3	8	·039	⌣ *a*. Dull and breezy.
12	29·975	30·104	36·9	37·1	34·9	39·0	·195	·186	90	84	NW 1	NNW 2	8	10	·010	Dull and threatening.
13	30·329	·350	33·9	28·9	27·0	38·5	·177	·159	91	100	SE 2	SE 1	10	0	—	Bright, with cold wind.
14	·152	30·208	34·3	33·1	26·0	41·0	·160	·184	81	98	NE 1	NW 1	10	2	—	≋ before *9a*. ⌣. Dull and threaten-
15	30·129	29·921	28·2	24·5	23·3	34·6	·151	·132	99	100	SW 1	NW 1	10	10	—	≋ *a*. and *p*. ⌣ [ing.
16	29·720	·422	31·2	32·2	24·0	36·4	·168	·157	96	86	ENE 1	Calm 0	9	10	1·696	≋⁰ (mist) *9a*. and before. ⌣ *a*. [✳ ●² from *10a*. ✳ ● [(sleet) all night.
17	·147	·047	41·8	42·5	31·8	45·4	·204	·201	78	74	WSW 0·5	WNW 4	10	5	·894	●² during day. Very squally. ✳ ● *n*.
18	·216	·473	36·8	37·7	32·2	42·9	·166	·161	75	71	W 5	W 4	7	7	·086	✳ ● *a*. and *p*. Squally.
19	29·498	·408	37·4	37·1	35·5	43·6	·184	·197	82	89	W 3	SE 1	2	5	·286	Cold and dull.
20	28·916	·213	38·8	40·0	36·1	42·9	·185	·213	79	86	W 4	WSW 8	9	10	·282	Stormy ⸝.
21	29·597	29·886	37·0	33·8	32·4	42·2	·179	·172	81	88	WNW 2	NW 1	1	0	—	Cold. ◠, ⌣ on ground.
22	29·928	30·200	28·3	30·1	25·5	34·5	·146	·156	95	94	ENE 0·5	NE 2	4	0	—	⌣ *a*. and *p*. ≋ *9p*. Dull.
23	30·458	·535	23·9	28·8	22·1	39·8	·121	·133	95	84	Calm 0	NE 4	0	0	—	⌣ *a*. Clear and bright.
24	·426	·364	32·0	39·3	27·4	39·8	·169	·186	94	79	ENE 2	SW 8	10	10	·010	≋⁰(mist) before *9a*. ⌣ *a*. Dull and
25	·417	·479	42·8	48·9	36·2	49·4	·255	·316	93	92	SW 4	SW 4	8	10	·010	Breezy and dull. [raw. Slow thaw *p*.
26	·577	·588	45·2	45·2	44·2	49·2	·271	·270	90	90	W 2	W 1	10	8	—	Dull. [sunset.
27	·591	·550	34·6	34·8	32·8	53·3	·172	·184	85	91	SSE 1	NE 1	0	4	—	Clear and warm. Lovely sunrise and
28	·463	30·344	33·2	41·5	29·1	48·0	·183	·236	97	91	SE 1	NW 0·5	10	0	—	⌣ ≋⁰ (mist) *a*. Clear, warm, and
29	30·140	29·998	44·8	47·8	39·1	49·6	·247	·290	83	88	SSW 4	SW 6	8	5	·005	Breezy, with ●⁰. [pleasant.
30	29·866	·889	46·3	41·2	40·5	48·6	·286	·235	92	92	WSW 5	N 1	10	2	·024	Squally and raw *a*. Mild *p*. ●⁰
31	29·897	29·797	32·9	40·8	31·0	42·6	·182	·239	98	95	Calm 0	SSE 3	10	10	·040	≋⁰ (mist) *9a*. and *9p*. ●⁰
Means	29·960	29·972	37·3	38·0	32·6	44·0	·204	·206	89·9	88·8	1·8	1·3	6·8	5·7	3·688	

GELDESTON.

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

DECEMBER 1881.

Day.	Barometer 9 a.m.	Barometer 9 p.m.	Air Temp. 9 a.m.	Air Temp. 9 p.m.	Min.	Max.	Tension 9 a.m.	Tension 9 p.m.	Relative Humidity 9 a.m.	Relative Humidity 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	30·040	30·063	43·9	43·7	42·0	46·3	·254	·267	88	93	SE 1	W 4	10	10	·100	
2	·251	·257	41·9	46·0	35·0	50·7	·246	·289	93	94	S 1	SSW 2	9	7	·010	≋⁰ *9a*. ◠ *9p*. [⌣ on grass.
3	·235	·234	43·0	38·0	37·1	50·5	·268	·220	97	96	S 1	SE 1	0	7	·010	◠² *9a*. Coloured Ψ² (22½°) *9p*. ◠²
4	·271	·263	37·1	39·2	35·9	41·8	·217	·216	98	90	SSW 1	S 1	9	10	·010	≋⁰ ◠² with ⌣⁰ on grass *9a*.
5	·183	30·171	45·3	40·0	38·9	47·5	·295	·245	98	99	SSW 1	W 1	10	0	·200	≋⁰ *9p*. [noon. ⸝ (force 7) *10p*.
6	30·245	29·920	36·0	47·0	34·1	47·7	·208	·301	98	94	Calm 0	S 6	0	10	·290	≋⁰ ◠² with ⌣⁰ on grass *9a*. ◯
7	29·769	·863	43·0	38·0	37·9	48·3	·277	·212	100	93	WSW 1	WSW 1	10	0	·020	Very damp *a*. ≋⁰ *9a*. and *9p*. ◠² *9p*.
8	·902	·816	34·9	34·2	32·5	44·0	·185	·192	91	97	WSW 1	Calm 0	0	0	·030	≋⁰ ⌣ *9a*. ◠² *11p*.
9	·632	·543	34·1	36·0	31·9	38·0	·195	·203	99	96	Calm 0	N 1	10	10	·460	≋ *9a*. ● *9a*.—*9p*.
10	·629	·632	32·0	36·1	31·3	36·3	·182	·211	100	99	NW 1	Calm 0	10	9	·060	≋ all day with ●⁰.
11	·652	29·699	33·1	35·2	32·1	36·8	·187	·202	99	98	WNW 1	Calm 0	10	10	·030	≋⁰ ●⁰ before *9a*.
12	29·781	30·049	36·0	38·2	34·6	42·1	·206	·222	97	97	SW 1	E 1	10	10	·020	
13	30·313	·337	35·0	34·1	34·0	43·0	·182	·191	89	97	NE 1	Calm 0	1	0	—	⌣⁰ *9a*. and *9p*.
14	·280	30·189	36·9	39·9	32·8	43·8	·201	·210	92	86	Calm 0	SSW 2	10	10	·090	≋⁰ *9a*.
15	30·111	29·998	39·1	39·0	38·0	41·8	·235	·210	98	89	SW 1	S 2	10	9	·020	
16	29·852	·670	40·2	39·5	37·4	40·9	·241	·214	96	89	SSE 2	S 4	10	10	·130	
17	·236	·030	44·1	43·1	38·8	46·9	·269	·231	93	82	SSW 6	WSW 5	10	0	·930	[(W. force 7) *1p*.
18	·040	·337	37·1	38·2	33·0	45·8	·199	·171	90	74	W 6	W 6	0	1	—	Bar. 28·819 *5.35a*. ✳ *5a*.—*6.30a*. ⸝
19	29·455	29·453	37·1	37·9	36·1	43·2	·181	·209	82	92	W 3	WSW 1	0	0	·330	◠⁰ *9a*.
20	28·819	28·948	40·6	39·9	35·0	42·7	·240	·208	95	85	S 3	WSW 6	10	8	·180	⸝ (force 6) *8a*.—*9a*. Bar. 28·799 *10a*. [Squally *p*. ⸝ (force 7) *11p*.
21	29·438	29·781	40·1	37·0	36·2	42·7	·208	·180	84	82	WNW 5	W 3	10	0	—	⸝ (force 7) early *a*. Coloured ◯ [noon—*1p*. ◠⁰ *9p*.
22	29·928	30·058	31·0	32·1	30·4	37·0	·166	·181	95	99	Calm 0	NNW 1	9	0	—	≋⁰ ⌣⁰ *9a*. Coloured ◯ noon.
23	30·358	·535	30·1	29·3	28·9	41·1	·165	·159	99	98	WNW 1	W 1	1	0	·010	≋ ⌣ *9a*. and *9p*. [⌣ ≋⁰ *9p*.
24	·556	·538	25·9	33·2	22·7	37·0	·140	·163	100	86	Calm 0	SSW 1	2	1	·010	≋⁰ ⌣ *9a*. Overcast day. ⌣ [on grass *9p*.
25	·502	·457	35·0	38·7	30·5	38·7	·160	·214	79	91	SW 2	WSW 2	10	9	—	
26	·538	·550	41·7	42·7	38·0	45·7	·249	·239	94	87	SW 1	SW 1	10	9	—	
27	·569	·575	42·8	38·2	38·0	43·9	·257	·230	94	100	W 2	W 1	10	10	—	≋⁰ *9p*.
28	·455	·345	37·9	39·2	35·9	39·2	·227	·238	100	99	WSW 2	W 2	10	10	—	≋ all day. Very raw.
29	30·246	30·124	39·2	42·1	37·4	44·7	·236	·248	98	93	SW 1	WSW 2	9	9	—	≋⁰ *9a*. ◠⁰ *9p*.
30	29·997	29·925	43·8	37·1	36·8	45·8	·246	·209	86	95	SW 2	W 1	9	0	·010	≋⁰ *9a*. and *10p*.
31	29·935	29·885	39·7	40·0	33·9	43·8	·230	·228	94	93	Calm 0	SSE 1	10	10	—	≋⁰ *9a*. ◠⁰ *9p*.
Means	29·975	29·976	38·0	38·5	34·7	43·2	·218	·217	94·1	92·4	1·5	1·9	7·4	5·8	2·950	

CHELTENHAM.

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

DECEMBER 1881.

Day.	Barometer at 32° and M. S. L. 9 a.m.	Barometer 9 p.m.	Air Temperature 9 a.m.	Air Temp. 9 p.m.	Min.	Max.	Tension of Vapour 9 a.m.	Tension 9 p.m.	Relative Humidity 9 a.m.	Relative Humidity 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	29·948	30·173	44·0	32·3	32·3	48·4	·278	·176	97	97	Calm 0	W 1	10	0	·030	≋⁰ ●⁰ *a*. Fine afternoon.
2	30·195	·148	49·2	50·5	31·6	54·0	·295	·316	85	87	S 3	S 4	8	6	—	Very fine day.
3	·059	·156	47·9	41·8	40·5	51·0	·283	·238	86	91	S 4	S 1	10	2	—	Fine and bright.
4	·194	·189	41·5	45·0	37·5	45·5	·222	·278	86	93	S 3	S 2	8	10	·110	Dull.
5	·127	30·242	47·0	43·0	34·5	49·2	·323	·247	100	89	Calm 0	SW 1	10	1	·010	≋ *9a*. and before. Very beautiful day
6	30·161	29·799	42·6	49·2	30·0	53·2	·255	·324	93	93	SE 3	SW 1	10	10	·380	Dull, with ● showers. ⸝ ●² at
7	29·785	·936	43·8	40·5	39·6	49·4	·248	·206	87	82	SW 1	W 1	7	3	—	Very fine and beautiful. [night.
8	·897	·778	40·0	39·5	34·0	44·0	·209	·216	85	90	Calm 0	SW 1	0	6	—	⌣ *a*. Very fine and beautiful.
9	·625	·605	29·0	26·8	26·0	40·0	·146	·146	91	100	Calm 0	Calm 0	5	10	—	⌣. ≋² all day.
10	·660	·718	29·1	26·2	25·0	29·5	·132	·135	83	96	N 1	Calm 0	10	9	—	⌣. ≋ all day. Very calm.
11	·749	29·789	25·8	35·5	20·0	36·0	·125	·197	91	96	Calm 0	NW 1	6	10	·060	⌣. ≋ all day. First ice on pond.
12	29·915	30·050	36·3	37·4	34·8	39·6	·198	·196	93	88	N 1	N 2	10	10	·020	⌣ *a*. Dull. Ice thawing.
13	30·301	·350	33·8	32·4	26·5	40·0	·177	·166	91	91	E 2	N 1	1	0	—	Fine and bright. ≋⁰ *4p*. Ice gone.
14	·216	30·164	35·8	39·6	23·2	41·3	·176	·239	84	98	S 1	Calm 0	6	10	·260	● *p*. ≋ from *4p*. [●⁰ all day.
15	30·049	29·898	37·5	34·5	33·6	39·6	·210	·199	94	100	Calm 0	Calm 0	10	10	·140	Dull, damp, and gloomy. ≋⁰ *9a*. ≋²
16	29·728	·388	37·0	43·0	32·6	44·5	·168	·247	76	89	S 2	S 8	5	10	·320	Fine *a*. Gloomy *p*. ●² ⸝ at night.
17	·203	·109	42·7	46·0	37·5	48·2	·235	·230	85	75	SW 2	W 2	6	10	·970	●² Noon—*4p*.
18	·255	·497	40·1	38·7	33·3	46·0	·170	·176	68	76	W 5	NW 1	10	2	—	Squally ⸝ *a*. Fine and bright.
19	29·546	·418	37·8	41·4	37·8	43·6	·183	·225	81	87	SW 1	SW 1	3	0	·440	Fine and bright. ≋⁰(mist) *9p*. ●²
20	28·915	·161	39·6	43·2	38·5	45·0	·184	·206	76	74	W 1	NW 1	2	10	·090	Squally *p*. [later.
21	29·622	29·887	38·8	32·6	30·0	43·5	·179	·151	77	82	W 1	W 1	0	0	—	Very fine and bright.
22	29·912	30·175	31·6	30·6	26·8	38·4	·158	·154	90	91	Calm 0	NW 1	7	0	—	≋⁰ (mist) *9a*. and *9p*. Fine.
23	30·454	·550	26·8	21·0	20·5	30·6	·146	·113	100	100	Calm 0	Calm 0	10	10	—	≋² all day, extremely dense from *4p*.
24	·463	·438	34·7	38·5	19·0	40·3	·183	·176	91	77	S 2	S 3	10	10	·010	Very fine.
25	·478	·501	38·8	46·0	35·5	46·2	·206	·301	88	97	S 1	S 2	10	3	·010	Dull. Skating on shallow ponds.
26	·594	·598	45·6	44·5	43·5	48·4	·294	·275	97	94	Calm 0	W 1	10	8	—	≋⁰ (mist) *9a*. Dull.
27	·621	·607	39·5	49·5	37·0	46·3	·226	·243	94	97	SW 1	SW 1	2	10	—	Splendid day. [Ψ at night.
28	·471	·373	38·8	36·0	34·5	44·4	·230	·204	98	96	S 4	SW 3	10	10	·550	≋⁰ (mist) *a*. and *p*. Dull day. Ψ
29	30·193	30·068	46·5	49·1	31·5	49·6	·232	·296	74	85	Calm 0	Calm 0	10	1	·020	Very bright and beautiful.
30	29·945	29·893	44·9	45·6	43·4	49·5	·256	·275	86	90	SW 2	SW 1	5	10	·070	Very bright and beautiful.
31	29·876	29·813	45·5	42·2	40·5	47·9	·290	·215	96	81	S 2	SW 1	5	10	·040	
Means	29·973	29·983	39·1	39·1	32·6	44·3	·213	·218	87·8	89·7	1·3	1·4	7·1	6·6	2·900	

CARMARTHEN.

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

DECEMBER 1881.

Day.	Barometer 9 a.m.	Barometer 9 p.m.	Air Temp. 9 a.m.	Air Temp. 9 p.m.	Min.	Max.	Tension 9 a.m.	Tension 9 p.m.	Relative Humidity 9 a.m.	Relative Humidity 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	30·001	30·113	41·1	48·8	39·1	51·0	·256	·324	99	94	Calm 0	SW 2	2	10	·130	
2	·120	·029	50·9	51·5	48·5	53·0	·349	·336	94	89	SW 5	S 5	10	10	·050	
3	·003	·083	50·4	47·9	46·8	52·4	·305	·327	84	98	SE 4	S 2	7	10	·270	
4	·164	·134	43·1	47·0	42·7	48·6	·276	·316	99	98	Calm 0	SW 3	6	10	·200	
5	·164	30·237	40·5	38·9	38·6	50·9	·247	·235	97	99	W 1	W 1	8	1	·060	
6	30·051	29·739	48·2	48·5	35·2	52·4	·312	·304	93	90	S 4	SW 3	10	10	·550	
7	29·808	·965	40·1	38·6	37·3	48·8	·229	·208	93	89	Calm 0	W 1	5	1	·020	
8	·913	·764	33·1	36·9	30·5	46·1	·186	·218	99	99	Calm 0	Calm 0	3	0	·070	
9	·619	·611	26·8	30·7	25·3	37·5	·146	·172	100	100	Calm 0	N 1	5	5	—	
10	·695	·743	30·5	27·1	26·1	38·0	·156	·148	93	100	Calm 0	Calm 0	0	0	—	
11	·799	29·890	26·1	38·1	20·3	41·7	·127	·208	91	90	Calm 0	Calm 0	0	10	·180	
12	29·980	30·095	43·9	35·6	35·4	45·5	·266	·196	93	95	N 1	Calm 0	0	0	—	
13	30·278	·302	32·7	36·1	32·1	42·0	·169	·195	91	92	E 2	NW 2	0	8	·130	
14	·145	30·173	42·5	34·6	34·0	45·5	·261	·187	96	94	SW 3	Calm 0	10	0	·400	
15	30·082	29·828	29·8	28·1	26·5	42·1	·157	·151	95	98	Calm 0	Calm 0	0	0	·380	
16	29·618	·447	39·2	33·1	26·3	41·2	·233	·182	97	97	Calm 0	Calm 0	10	10	1·380	≋ *9p*.
17	·176	·058	45·6	42·8	31·5	48·9	·247	·264	81	96	SW 3	SW 2	10	10	·880	
18	·366	·544	39·8	39·1	37·3	43·3	·177	·188	72	80	W 6	W 3	7	0	—	
19	·567	·368	38·4	41·5	35·7	43·5	·202	·251	87	96	W 1	Calm 0	8	10	·350	
20	·007	·323	41·1	43·1	37·0	45·8	·215	·201	83	72	W 4	W 6	7	0	·010	Squally *p*.
21	·688	29·899	38·7	31·7	31·1	45·5	·198	·162	85	91	W 1	Calm 0	0	0	—	
22	29·885	30·158	33·1	32·3	28·5	40·5	·166	·158	88	87	E 1	Calm 0	0	0	—	
23	30·456	·478	25·9	34·4	24·1	38·2	·136	·170	97	85	Calm 0	Calm 0	0	10	—	
24	·360	·376	40·0	42·6	34·4	44·0	·207	·222	84	82	S 4	S 2	10	10	·060	
25	·455	·525	45·8	48·5	40·3	49·2	·308	·336	95	99	S 3	SW 1	10	10	·030	
26	·618	·613	46·0	46·2	45·4	49·2	·294	·308	95	99	W 1	W 1	10	10	·010	
27	·617	·553	43·3	37·4	36·5	51·7	·273	·219	98	98	Calm 0	Calm 0	1	0	—	
28	·443	30·338	40·1	43·6	35·6	47·4	·246	·279	99	98	Calm 0	S 1	10	8	—	≋ before *9a*.
29	30·144	29·997	47·4	49·0	43·3	50·2	·288	·327	89	94	SW 3	SW 5	10	9	·100	
30	29·882	·881	47·0	38·6	38·1	49·6	·318	·232	99	99	SW 4	Calm 0	10	10	·090	≋ *9p*.
31	29·847	29·721	40·6	44·3	37·4	47·4	·251	·270	99	93	Calm 0	SW 2	10	9	·280	≋ *9a*. and before.
Means	29·966	29·967	39·7	39·9	34·9	46·2	·232	·235	92·6	93·3	1·5	1·4	6·1	5·8	5·630	

Marlborough.

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

DECEMBER 1881.

Day.	Barometer at 32° and M. S. L. 9 a.m.	9 p.m.	Air Temperature. 9 a.m.	9 p.m.	Min.	Max.	Tension of Vapour. 9 a.m.	9 p.m.	Relative Humidity. 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	29·965	30·216	42·4	34·9	34·9	47·9	·256	·200	95	99	N 1	Calm 0	10	0	·010	≋⁰ (mist) 9a. └─┘
2	30·249	·210	46·0	48·9	33·6	51·2	·299	·318	97	93	S 1	S 2	9	10	·010	
3	·160	·180	43·9	40·0	40·0	49·4	·255	·220	89	90	SE 1	S 1	9	0	—	⌓
4	·233	·240	39·5	42·3	36·3	43·5	·218	·257	90	96	SSE 1	S 1	9	4	·260	⌓⁰.
5	·139	30·275	47·7	38·5	37·8	51·8	·327	·220	99	95	W 1	Calm 0	10	3	·040	⌓
6	30·234	29·830	39·7	51·0	34·3	51·1	·239	·364	98	97	S 1	S 2	10	10	·500	≋⁰ (mist) 9a.
7	29·833	·972	40·8	37·2	37·0	51·0	·238	·212	94	95	Calm 0	Calm 0	9	0	·010	└─┘
8	·949	·818	35·8	38·7	33·2	44·9	·193	·215	93	92	Calm 0	Calm 0	2	10	·010	└─┘ ≋
9	·651	·604	31·1	29·0	29·0	39·1	·172	·160	99	100	Calm 0	Calm 0	10	10	—	≋ a. and p. └─┘
10	·649	·695	28·7	31·8	28·2	32·4	·158	·177	100	99	Calm 0	Calm 0	10	9	—	└─┘ ≋ a. and p. ✳⁰ noon—3p.
11	·762	29·796	26·9	36·0	26·0	36·0	·143	·189	98	90	Calm 0	Calm 0	5	10	·040	└─┘².
12	29·910	30·045	35·8	35·8	33·9	38·1	·194	·195	93	94	WNW 2	N 1	10	10	·020	
13	30·319	·373	32·5	29·8	29·2	40·2	·169	·166	92	100	Calm 0	Calm 0	0	0	—	≋⁰ (mist) 9a. └─┘
14	·294	30·182	30·7	39·8	25·7	40·2	·148	·240	87	99	SSE 1	Calm 0	9	10	·600	└─┘
15	30·046	29·926	40·7	37·6	37·1	42·1	·249	·224	98	99	SSE 1	Calm 0	10	10	·200	≋ p. ≋² 9p.
16	29·790	·483	34·0	41·5	32·9	42·0	·177	·241	90	93	Calm 0	SE 3	1	10	·330	└─┘
17	·268	·175	42·6	44·8	35·9	49·8	·237	·266	86	90	W 2	WSW 1	7	10	·840	
18	·327	·555	38·2	37·5	35·0	50·9	·173	·177	75	79	W 3	W 2	0	0	·050	
19	29·606	·489	35·5	39·9	34·0	42·5	·181	·230	87	94	WSW 1	Calm 0	0	0	·460	└─┘
20	28·985	·217	38·0	41·9	33·1	43·4	·200	·204	88	78	WSW 2	NW 1	10	10	·110	✳
21	29·664	29·936	35·6	31·8	30·5	42·5	·174	·168	83	94	W 2	NW 1	0	0	—	≋⁰ (mist) 9a. └─┘
22	29·918	30·126	30·5	30·4	28·2	34·9	·156	·164	93	97	Calm 0	NE 1	10	0	—	≋⁰ (mist) 9a. └─┘
23	30·445	·578	23·2	25·1	22·3	37·7	·112	·128	92	95	Calm 0	Calm 0	10	0	—	≋² a. and p.
24	·504	·494	34·0	35·0	22·9	37·7	·168	·180	85	88	S 1	Calm 0	10	0	—	
25	·511	·584	35·7	41·2	30·9	41·3	·179	·254	85	98	Calm 0	Calm 0	10	10	·010	
26	·651	·630	42·8	44·6	40·9	44·6	·271	·283	99	96	Calm 0	Calm 0	10	10	—	≋ 9a.
27	·648	·684	40·9	40·4	39·9	44·9	·251	·244	99	98	Calm 0	S 1	10	10	—	≋ 9p.
28	·476	·393	38·2	38·5	37·1	43·0	·226	·225	98	97	S 1	Calm 0	10	0	—	≋ 9a.
29	·262	30·131	43·7	45·9	35·7	46·1	·229	·279	80	92	Calm 0	S 2	10	9	—	≋ before 9a.
30	30·004	29·930	41·5	42·7	41·2	46·5	·238	·267	92	97	SW 1	Calm 0	2	10	·020	
31	29·900	29·843	43·8	41·6	40·9	45·2	·278	·230	98	89	Calm 0	Calm 0	10	10	—	
Means	30·011	30·020	37·4	38·5	33·5	43·6	·210	·222	92·0	94·0	0·7	0·6	7·5	6·0	3·520	

Strathfield Turgiss.

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

DECEMBER 1881.

Day	Bar. 9 a.m.	Bar. 9 p.m.	Air 9 a.m.	Air 9 p.m.	Min.	Max.	Tension 9 a.m.	Tension 9 p.m.	Hum. 9 a.m.	Hum. 9 p.m.	Wind 9 a.m.	Wind 9 p.m.	Cloud 9 a.m.	Cloud 9 p.m.	Rain	Remarks
1	29·960	30·184	44·6	37·9	37·5	49·2	·267	·210	91	92	SW 2	NW 1	10	0	·017	
2	30·265	·245	47·6	49·0	35·7	54·4	·305	·309	93	90	S 3	SW 3	8	5	—	Ʊ p.
3	·188	·196	44·2	36·5	36·0	50·2	·246	·202	85	94	S 2	SE 2	6	2	—	○ a.
4	·245	·246	41·3	44·2	32·3	44·5	·218	·274	84	95	S 1	SE 2	7	10	—	
5	·153	30·237	47·2	39·0	38·7	50·2	·307	·227	96	96	S 2	NW 1	10	2	·084	≋ p.
6	30·248	29·909	38·7	51·0	31·0	51·5	·217	·351	92	94	S 1	S 4-3	10	10	·504	Squally ⟋ p.
7	29·823	·959	42·4	37·7	36·9	52·8	·253	·206	94	91	W 3	NW 2	10	0	—	≋ 9a.
8	·949	·832	35·4	34·2	30·9	43·5	·186	·188	91	96	SW 2	SW 1	0	7	—	
9	·638	·585	35·0	36·0	32·2	38·9	·197	·202	97	96	Calm 0	NE 1	10	10	—	≋² 9a. Squally 9p.
10	·617	·678	31·3	33·3	31·2	36·6	·163	·186	93	98	NE 2	N 1	10	10	·380	✳ showers a. and p.
11	·736	·767	26·5	36·3	23·8	36·6	·111	·185	79	87	NW 1	NW 2	0	10	—	✳ before 9a.
12	29·877	29·985	37·1	38·1	34·3	39·1	·201	·214	91	93	NW 2	NW 1	10	10	·050	≋ a.
13	30·319	30·382	34·3	28·0	27·2	41·2	·166	·147	84	96	NE 1	NE 1	0	0	—	≋ before 9a. and 9p.
14	·299	30·186	28·5	41·6	23·7	42·7	·142	·241	91	92	E 1	SW 2	0	10	·308	≋ 9a. and before.
15	30·074	29·944	40·6	40·7	39·7	42·4	·239	·238	95	94	S 1	S 2-3	10	10	·128	≋ a.
16	29·811	·567	40·2	43·4	39·5	44·8	·234	·250	94	89	S 1	SE 3-4	10	10	·261	Squally ⟋ 9p.
17	·295	·201	43·8	46·4	37·8	51·7	·233	·275	81	88	SW 3	W 3	8	10	·606	Squally ⟋ a. and p.
18	·310	·521	40·2	37·3	36·9	53·6	·164	·186	66	84	W 4-5	NW 3	0	0	—	Squally ⟋ a. and p.
19	29·599	·516	35·9	39·7	33·2	42·9	·191	·222	91	91	SW 3	W 1	0	1	·348	Squally before 9a. └─┘ a.
20	28·980	·156	38·0	42·3	34·0	45·8	·208	·219	91	82	W 4	W 4-3	10	10	·124	Squally ⟋ a. and p. ✳ a.
21	29·639	29·913	37·5	32·2	31·2	43·7	·174	·159	78	88	NW 3	NW 1	0	0	—	Squally a. └─┘ p.
22	29·934	30·121	29·9	28·5	26·4	36·7	·144	·139	87	90	N 0-1	Calm 0	10	0	—	≋ └─┘ a. and p.
23	30·440	·578	26·5	24·5	23·2	35·4	·111	·111	79	85	SE 0-1	SE 1	0	0	—	≋ 9a. and before. └─┘ a. and p.
24	·525	·494	32·4	33·6	19·9	38·2	·176	·176	97	91	SE 2	SE 2	10	6	—	≋ └─┘ a.
25	·530	·559	35·2	38·2	27·8	38·8	·179	·213	87	92	SE 1	S 1	10	10	—	
26	·618	·642	42·9	43·5	30·8	45·5	·262	·256	95	90	SE 2	SE 1	10	10	·015	
27	·657	·625	41·8	40·9	39·9	46·1	·247	·238	94	94	W 3	W 1	10	10	·005	
28	·470	·403	39·1	38·0	37·0	44·1	·228	·221	96	96	SW 1	SW 1	10	0	·016	≋ Ʊ 9p.
29	·257	30·115	43·5	45·7	30·5	47·8	·238	·281	85	92	S 1	S 3	10	10	—	
30	30·028	29·929	42·9	43·3	38·4	47·0	·235	·247	85	88	S 3	SW 1	4	4	—	
31	29·922	29·853	43·3	42·2	41·2	45·3	·254	·242	91	90	S 1	SE 2	9	9	—	
Means	30·013	30·017	38·3	38·8	32·9	44·6	·210	·220	88·8	91·4	1·9	1·7	6·8	6·0	2·846	

Ramsgate.

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

DECEMBER 1881.

Day.	Barometer at 32° and M. S. L. 9 a.m.	9 p.m.	Air Temperature. 9 a.m.	9 p.m.	Min.	Max.	Tension of Vapour. 9 a.m.	9 p.m.	Relative Humidity. 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	30·030	30·221	44·5	42·5	42·0	46·0	·259	·250	89	92	SE 5	Calm 0	8	6	·080	
2	·365	·370	46·5	49·0	37·2	53·0	·304	·306	97	89	Calm 0	Calm 0	7	8	—	
3	·275	·253	44·9	42·0	42·0	50·0	·244	·245	83	92	S 2	NE 1	0	6	—	
4	·376	·295	39·0	42·0	36·5	42·9	·218	·234	92	89	S 1	S 1	10	10	·050	
5	·227	·232	45·5	42·0	41·0	47·5	·293	·251	97	94	S 3	SW 1	10	0	·140	
6	30·312	30·029	42·0	47·0	37·0	49·5	·181	·286	69	90	Calm 0	SW 7	4	10	·450	
7	29·869	29·949	44·0	40·0	40·0	48·5	·276	·226	96	92	SW 1	SW 1	10	4	—	
8	·950	·849	43·5	35·5	35·0	46·5	·238	·197	85	96	Calm 0	Calm 0	0	0	·450	▲ p.
9	·635	·584	40·0	37·0	35·5	44·8	·236	·210	96	96	SW 1	Calm 0	10	10	·470	▲ 9a.
10	·614	·631	40·5	38·5	36·5	45·0	·202	·214	81	92	Calm 0	Calm 0	10	5	·230	✳
11	·679	29·736	35·5	36·0	34·0	39·5	·197	·192	96	91	Calm 0	Calm 0	9	10	·030	
12	29·834	30·078	37·0	40·0	33·5	40·0	·191	·197	87	80	Calm 0	E 3	8	10	·120	
13	30·306	·333	40·5	43·0	38·5	43·0	·211	·234	85	84	E 1	NE 2	5	10	·030	
14	·316	·254	38·8	38·0	37·5	43·5	·219	·208	94	91	Calm 0	Calm 0	10	0	·010	
15	30·145	30·022	41·0	37·0	36·5	41·5	·225	·174	88	79	SW 1	SW 2	8	5	—	
16	29·933	29·722	40·0	39·0	36·5	40·0	·236	·218	96	92	S 4	S 6	9	9	·130	
17	·340	·204	45·5	49·0	32·5	51·2	·270	·286	89	83	S 7	S 6	8	9	·560	
18	·243	·510	40·8	39·0	34·5	49·5	·199	·218	78	92	SW 5	SW 3	0	0	—	
19	29·584	·510	38·5	41·5	35·5	43·5	·202	·230	87	89	SW 4	SW 1	0	0	·160	
20	28·976	·030	42·0	43·0	40·5	49·5	·215	·206	82	75	SW 5	SW 8	4	0	·160	
21	29·550	29·935	39·0	36·0	35·5	44·0	·189	·174	81	82	SW 5	SW 3	8	0	—	
22	30·025	30·049	35·0	39·0	32·5	43·9	·184	·218	90	92	Calm 0	Calm 0	10	0	—	
23	·364	·555	35·2	36·5	33·5	43·5	·203	·190	98	89	NW 2	Calm 0	8	0	·010	
24	·566	·579	39·5	36·0	34·5	43·0	·212	·174	88	82	SE 1	Calm 0	8	0	—	
25	·556	·542	37·0	38·9	30·5	40·5	·200	·199	91	85	S 1	S 1	8	8	·010	
26	·613	·623	42·9	43·0	38·5	49·5	·267	·266	97	96	Calm 0	Calm 0	10	10	·010	
27	·639	·620	42·9	41·0	40·5	48·0	·267	·246	97	96	Calm 0	Calm 0	10	10	—	
28	·495	·476	38·5	41·0	38·0	43·0	·227	·246	93	96	S 2	S 1	10	10	—	
29	·323	30·200	43·5	40·0	39·5	44·0	·269	·226	95	92	S 1	Calm 0	9	0	—	
30	30·045	29·972	41·9	39·0	35·5	43·5	·244	·218	92	92	S 1	Calm 0	9	8	—	
31	29·961	29·905	40·0	43·0	33·5	43·5	·226	·255	92	92	Calm 0	S 2	5	8	—	
Means	30·037	30·043	40·9	40·5	36·6	45·2	·229	·226	89·9	89·4	1·7	1·6	7·3	5·4	3·100	

Southampton.

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

DECEMBER 1881.

Day	Bar. 9 a.m.	Bar. 9 p.m.	Air 9 a.m.	Air 9 p.m.	Min.	Max.	Tension 9 a.m.	Tension 9 p.m.	Hum. 9 a.m.	Hum. 9 p.m.	Wind 9 a.m.	Wind 9 p.m.	Cloud 9 a.m.	Cloud 9 p.m.	Rain	Remarks
1	29·983	30·232	44·9	38·7	38·6	51·6	·281	·221	95	94	WSW 2	WSW 1	10	0	·021	● till 5a. ⌓ p.
2	30·282	·232	49·8	50·9	37·1	53·6	·335	·335	93	90	SW 3	S 3	10	9	·022	
3	·178	·180	46·8	41·9	40·8	51·5	·277	·246	87	93	SSE 2	SE 2	10	0	—	⌓ p.
4	·254	·239	42·1	46·6	40·0	47·3	·230	·305	86	97	S 2	SSE 1·5	10	10	·138	
5	·156	30·282	49·6	41·2	41·0	51·2	·346	·251	97	97	SW 3	WNW 1	10	1	·084	⌓ 9p
6	30·242	29·874	40·7	52·0	33·3	52·4	·254	·377	100	97	SE 1	SW 6	10	10	·402	
7	29·861	·988	43·8	39·6	39·2	52·4	·276	·225	97	93	SW 1·5	W 2	10	0	—	≋ a. ⌓ p.
8	·969	·812	36·8	42·2	34·3	47·7	·206	·247	95	92	SW 0·5	S 3	9	10	·058	└─┘ a.
9	·652	·575	37·2	34·3	33·7	43·0	·218	·196	98	99	Calm 0	NE 2·5	10	10	·163	≋ a. and p.
10	·607	·666	32·8	34·7	31·4	36·0	·178	·192	95	95	NE 3	NNE 3	10	10	·160	✳ 5a.—3.30p. ●⁰ after 8p.
11	·758	29·806	30·1	37·6	29·1	40·1	·168	·196	100	87	NW 1	NW 1·5	0	10	—	└─┘ a.
12	29·911	30·019	38·1	38·6	35·9	41·3	·209	·209	91	89	NW 3	NW 3	10	10	·031	● showers p.
13	30·295	·364	34·3	31·4	31·4	40·8	·178	·170	89	95	NE 2	Calm 0	2	0	—	└─┘⁰. └─┘ ≋⁰ p.
14	·299	30·159	31·7	45·1	29·7	45·5	·168	·274	94	91	S 0·5	SW 3	9	10	·343	└─┘ ≋² a. ● after 8p.
15	30·063	29·920	42·7	42·9	42·1	45·5	·266	·260	96	95	SE 3	SE 3	10	10	·370	● till 7p.
16	29·795	·517	43·2	43·7	41·1	45·1	·271	·271	96	95	S 2·5	S 6	9	10	·369	● till 7.30a. ⟋ ●² p.
17	·341	·212	46·8	49·8	37·5	53·2	·277	·310	87	86	SW 3·5	SW 4	8	10	·465	⟋²(force 10) ●² in afternoon.
18	·385	·585	41·1	40·0	39·1	53·7	210	·205	82	83	W 6	NW 3·5	3	1	·032	●² ⟋² (force 9) in past n. Squally till 1p. then fine and dry.
19	·646	·493	37·1	42·1	36·4	47·7	·201	·244	91	91	WSW 1·5	SW 1	0	2	·211	≋⁰ 9a. ●² 9.30p.
20	·038	·280	40·8	42·7	40·0	46·6	·203	·222	80	81	W 4	WNW 5·5	2	9	·038	⟝² ●² ⟋²(force 9) 5a. Squally day.
21	·688	29·928	38·0	34·1	33·4	45·9	·190	·177	83	89	WNW 2	W 1	0	0	—	Squalls before 9a. └─┘ at night.
22	29·894	30·087	33·8	33·1	29·1	39·7	·164	·170	85	90	NE 1·5	NE 2·5	10	0	—	└─┘ a. and p.
23	30·422	·563	29·1	28·1	28·1	38·4	·155	·152	96	98	NE 0·5	Calm 0	0	0	—	└─┘ ≋ a. and p
24	·508	·496	35·2	37·7	26·2	43·7	·196	·193	95	85	E 1	SE 1·5	10	5	—	└─┘ ≋ a.
25	·543	·558	37·4	44·9	33·6	45·2	·192	·276	86	93	SSE 1	SW 1·5	10	10	·013	≋ 9a. and before.
26	·639	·648	44·9	45·1	43·2	47·4	·293	·286	99	95	SW 1·5	SW 2	10	10	·002	≋ a.
27	·655	·624	45·3	42·8	42·5	47·2	·274	·264	91	96	SW 1·5	S 2·5	10	10	—	
28	·506	·398	41·2	45·1	40·2	46·2	·248	·276	96	92	SW 1·5	SSE 1	10	10	—	
29	·281	30·156	46·1	45·8	41·2	48·1	·260	·293	84	95	SW 2	SW 2·5	10	10	—	⌓ at night.
30	30·036	29·931	45·2	44·2	43·1	46·6	·255	·263	85	91	SW 2·5	S 2·5	10	7	—	
31	29·919	29·835	44·8	43·9	42·8	46·2	·276	·263	86	91	SSE 1	SSE 2·5	10	10	—	
Means	30·026	30·021	40·4	41·3	36·6	46·5	·234	·244	91·5	92·1	2·0	2·4	7·8	6·6	2·982	

ST. LEONARDS.

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

DECEMBER 1881.

Day.	Barometer at 32° and M. S. L. 9 a.m.	9 p.m.	Air Temperature. 9 a.m.	9 p.m.	Min.	Max.	Tension of Vapour. 9 a.m.	9 p.m.	Relative Humidity. 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	30·012	30·214	46·1	41·5	41·1	49·6	·284	·258	91	98	S 4	W 1	10	0	·185	⌓ 9p.
2	·329	·317	49·7	49·7	37·9	52·3	·329	·304	92	85	WSW 2	SW 4	9	8	—	● 2 6.30a.
3	·259	·251	45·6	44·5	44·5	50·1	·261	·251	85	96	SSE 3	SSE 3	5	6	—	Ψ p.
4	·301	·301	41·2	44·2	40·3	45·1	·217	·277	85	96	S 2	SW 2	10	10	·031	Gloomy all day.
5	·230	·247	47·6	42·6	42·4	50·1	·303	·260	93	95	SSW 3	W 2	8	0	·112	⌓ 9p.
6	30·305	30·017	42·7	47·6	40·0	50·8	·268	·305	97	93	Calm 0	SSW 7	9	10	·490	≋0 (mist) 9a. ⁄ (gale) from 8.30p.
7	29·841	29·966	44·2	39·8	39·6	50·4	·279	·223	97	92	W 1	W 1	10	0	—	● ⁄ (gale) in past n. ⌓ 9p.
8	·983	·851	38·7	39·6	36·4	47·1	·208	·227	89	93	WNW 1	Calm 0	5	3	·540	⌐0 9a. ⌓ 9p.
9	·636	·583	41·7	36·2	35·7	46·6	·256	·202	96	94	WSW 1	SW 1	10	6	1·006	▲ just before 9a.
10	·572	·622	40·2	35·9	34·3	41·7	·230	·205	92	97	ESE 1	N 2	10	2	·190	
11	·700	29·768	33·2	36·1	33·0	39·2	·177	·196	93	92	NNW 3	NW 1	5	10	·057	
12	29·861	30·010	35·6	37·2	34·2	38·9	·199	·206	96	93	WNW 1	N 1	10	10	·140	Overcast all day.
13	30·300	·344	39·2	39·1	35·9	42·7	·193	·196	81	82	ENE 1	N 2	8	0	—	
14	·316	·237	40·1	43·5	38·2	45·1	·229	·216	93	76	Calm 0	WNW 3	10	9	—	Overcast.
15	30·134	30·001	41·5	39·2	37·9	44·2	·221	·205	85	87	S 3	SSW 3	10	10	·048	Overcast all day.
16	29·869	29·662	42·2	42·1	39·0	43·2	·237	·238	89	89	S 4	S 5	10	6	·095	⁄ (moderate gale) after 10p.
17	·361	·225	46·6	50·7	41·8	53·1	·287	·345	91	93	SW 6	WSW 6	10	10	1·007	● ⁄ (moderate gale) n. and during [day. Squally. ⁄ (gale) after 7p.
18	·317	·562	41·4	41·6	39·4	52·2	·214	·202	83	78	W 5	W 4	1	0	—	● ⁄ (gale) n. Squally day, but bright.
19	·620	·528	38·6	44·6	36·4	46·9	·205	·250	88	85	W 1	W 1	1	1	·327	Fine and bright till 6p.
20	·016	·197	41·2	42·7	40·5	47·2	·207	·209	80	77	W 5	W 6	1	9	·030	● ⁄ (gale) n. Squally a. and p. [< over the sea p.
21	·625	29·918	38·1	34·5	34·5	44·2	·182	·170	79	84	WNW 3	WNW 1	1	0	—	● 0 ⁄ n. Very fine day. ⌐0 9p.
22	29·931	30·042	37·4	36·0	33·0	43·1	·180	·197	81	93	NE 1	N 3	10	0	—	⌐a. Overcast till noon, then bright.
23	30·380	·561	33·2	35·5	31·8	41·1	·171	·179	90	87	N 3	NNW 3	0	0	·009	⌐a and p. Very fine day.
24	·550	·534	41·4	37·7	32·6	42·6	·207	·154	80	68	SE 2	SSE 3	4	1	·007	⌐a. Cloudy day.
25	·562	·588	39·5	42·2	37·5	43·3	·174	·227	72	85	SSW 2	WSW 2	9	10	—	Overcast.
26	·634	·648	44·6	44·5	41·8	46·6	·280	·288	95	98	W 1	WSW 2	10	10	·011	Overcast all day with frequent ● 0.
27	·658	·642	43·2	43·0	43·0	47·0	·268	·262	96	94	W 2	WSW 2	10	10	—	Overcast.
28	·511	·424	39·6	41·3	38·7	43·7	·243	·247	100	96	S 2	Calm 0	10	10	—	Overcast all day with ≋ Clear at [night.
29	·323	30·185	44·5	45·2	41·3	46·6	·237	·278	80	93	SW 2	SW 3	10	0	—	Day overcast. ⌓ 9p.
30	30·064	29·974	42·1	40·4	40·4	46·4	·238	·216	89	87	SSW 3	WSW 2	10	9	—	Overcast a.
31	29·950	29·903	43·6	43·6	40·4	46·0	·241	·261	85	92	S 2	SSW 4	9	9	—	Cloudy.
Means	30·037	30·043	41·4	41·4	38·2	46·0	·233	·234	88·5	89·0	2·3	2·6	7·5	5·5	4·285	

DARTMOOR.

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

DECEMBER 1881.

1	30·046	30·230	42·2	42·4	36·0	47·0	·253	·251	94	93	WNW 1	NW 2	3	10	·220	
2	·196	·141	47·9	45·0	41·0	49·0	·299	·254	91	85	SSW 4	SSW 2	10	10	·470	≋ 9a.
3	·037	·134	44·9	43·0	43·0	45·0	·266	·277	90	100	S 4	SW 3	10	10	·200	≋ 9p.
4	·194	·240	42·2	40·0	37·0	47·2	·269	·188	100	76	N 1	SW 2	10	10	·450	
5	·212	30·328	42·9	38·2	38·0	44·0	·276	·231	100	100	SW 3	Calm 0	10	10	·050	
6	30·144	29·828	44·8	48·0	33·0	49·2	·283	·335	97	100	SW 4	W 6	10	10	1·100	
7	29·907	30·020	36·9	35·0	34·0	48·0	·211	·193	97	92	WNW 2	W 3	3	3	·420	
8	·994	29·869	36·0	36·2	33·0	39·3	·211	·214	97	100	W 1	SW 3	10	10	·440	≋ p.
9	·648	·581	35·5	33·0	32·0	39·0	·196	·177	95	95	SW 1	NE 1	7	7	—	
10	·651	·750	33·0	30·0	27·0	34·0	·167	·116	89	69	NE 1	E 1	3	1	—	
11	·845	29·904	35·0	37·5	24·0	39·0	·174	·177	85	79	NE 1	NE 1	0	0	·120	
12	29·991	30·131	35·5	33·0	31·0	38·0	·197	·167	96	89	NE 1	NE 1	7	4	—	
13	30·270	·365	32·5	35·5	30·0	37·0	·171	·178	94	86	E 2	Calm 0	10	10	—	
14	·229	30·178	38·5	38·0	33·0	41·0	·214	·208	92	91	SW 2	SW 2	10	10	·370	
15	30·085	29·934	33·9	32·0	31·0	39·0	·186	·158	96	87	E 1	Calm 0	10	0	·210	
16	29·732	·534	37·0	33·0	28·0	41·0	·200	·188	91	100	Calm 0	SW 2	10	10	1·390	≋ 9p.
17	·372	·239	41·2	43·5	33·0	47·6	·252	·283	97	100	SW 4	SW 3	10	10	2·110	
18	·512	·672	34·9	34·9	32·0	48·5	·175	·184	86	91	SW 5	NW 2	10	3	·380	✳ before 9a.
19	·689	·467	34·5	38·4	32·5	41·6	·193	·226	97	98	W 1	SW 6	8	10	·770	≋ 9p.
20	·116	·465	37·5	38·5	33·0	43·0	·208	·186	93	80	SW 6	NW 3	10	3	·140	
21	·782	29·977	35·2	31·9	29·0	39·0	·199	·142	97	78	NW 1	Calm 0	3	0	·050	▲ before 9a.
22	29·775	30·082	35·9	30·2	28·0	36·5	·196	·137	94	81	E 3	E 3	10	0	—	▲ ✳ before 9a.
23	30·461	·539	32·5	34·0	25·0	36·5	·162	·156	89	79	Calm 0	Calm 0	0	0	—	
24	·474	·517	35·0	34·3	33·0	37·0	·184	·192	88	97	SW 3	Calm 0	10	0	—	
25	·537	·611	38·5	43·0	33·0	46·0	·233	·277	100	100	SW 2	NW 2	10	10	·060	≋ a. and p.
26	·629	·650	41·9	40·0	33·0	45·0	·266	·286	100	92	NW 2	SW 2	10	10	—	≋ 9a.
27	·676	·630	35·9	35·0	35·0	47·0	·211	·166	100	80	NE 1	Calm 0	10	0	—	
28	·482	·433	41·5	41·0	34·0	44·0	·251	·233	96	91	SW 2	SW 2	10	10	—	≋0 (mist) 9a.
29	30·243	30·122	43·9	44·0	40·0	45·0	·225	·265	78	92	W 3	SW 2	10	10	—	
30	29·935	29·933	41·0	43·0	40·0	45·0	·248	·266	97	96	SW 1	Calm 0	10	10	·270	
31	29·878	29·829	42·9	40·0	39·0	43·9	·267	·207	97	84	SW 3	W 1	10	10	—	
Means	30·022	30·044	38·5	37·8	33·3	42·7	·221	·208	94·0	89·8	2·1	1·8	8·2	6·5	9·220	

BABBACOMBE.

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

DECEMBER 1881.

Day.	Barometer at 32° and M. S. L. 9 a.m.	9 p.m.	Air Temperature. 9 a.m.	9 p.m.	Min.	Max.	Tension of Vapour. 9 a.m.	9 p.m.	Relative Humidity. 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	30·021	30·209	44·8	43·8	39·9	53·4	·269	·250	91	88	W 2	SW 3	2	3	·100	⌓ p.
2	·228	·142	50·5	50·9	43·4	53·4	·338	·333	93	90	SSW 3	S 6	9	9	·120	
3	·070	·133	49·6	46·9	46·8	51·1	·315	·287	89	91	SSE 5	SSE 3	6	10	·010	
4	·173	·215	49·4	47·1	42·2	52·4	·334	·276	95	86	SSE 3	SW 3	9	10	·110	○0 2p.—3p.
5	·189	30·310	46·6	40·5	40·5	53·7	·305	·241	97	96	W 2	SW 2	8	3	·020	○0 8.30a.—10a. ⌓2 ≋0 (mist) p.
6	30·179	29·852	49·2	46·9	39·9	53·4	·297	·306	86	96	SSW 5	WNW 3	9	10	·420	⁄ (gale) from S. p.
7	29·878	30·033	41·4	39·3	39·1	50·4	·231	·207	89	87	WSW 3	WSW 3	2	3	·200	⌓ p.
8	·973	29·817	39·8	40·7	37·4	47·7	·232	·229	96	90	WSW 3	WSW 2	9	10	·030	[every day since Nov. 16th.
9	·636	·554	34·9	37·8	34·0	49·6	·188	·215	93	95	W 2	NNW 2	3	10	·220	Parhelion 22½° E. of sun, 1.20p. Rain
10	·646	·718	33·9	34·8	33·0	39·0	·172	·171	88	84	N 3	N 3	2	1	—	⌐0 ≋0 (mist) a. Parhelion above [sun 9a. Fine day. ⌐after 6p.
11	·795	29·893	33·8	34·0	29·0	43·8	·149	·174	77	88	NW 2	W 2	0	0	—	≋0 (mist) ⌐2 a. Fine day. ⌐2
12	29·963	30·066	38·8	38·0	33·9	46·1	·206	·190	88	83	NW 2	NNW 3	8	9	—	⌐2 n ≋0 (mist) a. [after 6p.
13	30·257	·324	37·8	42·8	36·5	45·3	·209	·210	92	76	NNE 2	SSE 3	10	10	—	≋0 (mist) a. Very gloomy a. Wind E.
14	·231	30·151	42·8	42·0	36·4	45·4	·223	·251	81	94	SSW 3	NNW 3	10	10	·340	Very gloomy evening. [at Noon.
15	30·052	29·896	38·8	37·8	37·8	42·3	·219	·215	94	95	NNW 2	WNW 1	10	10	·020	Wind NNE. 2p.—6p. ≋0 (mist) p.
16	29·710	·520	45·0	36·3	32·0	46·8	·239	·208	80	97	S 4	WSW 4	10	7	·370	⁄ (gale) from SSE. 4p.—5p.
17	·380	·237	44·3	46·8	35·8	51·5	·251	·316	86	98	WSW 5	WSW 5	9	10	·650	⌓ ≋0 (mist) a. ⁄ (gale) SW. p.
18	·481	·656	38·8	35·8	35·8	52·7	·210	·194	90	93	WNW 5	WSW 3	3	1	·200	Squally ⁄2 ✳ a. Velocity 63m. 2a.— [3a. ▲ 2.34p. ⌓ ⌓ 9p.
19	·668	·452	39·0	41·9	35·2	49·0	·218	·248	92	94	W 3	SSW 2	4	2	·340	⌐ in past n. ⌓ p.
20	·107	·440	41·3	41·7	38·3	47·9	·218	·196	84	76	W 7	W 6	9	2	·050	Squally ⁄ K0 ● n. ⌒ a. and p. [✳0 1.35p. Parhelion 2.15p.—3p.
21	·744	29·934	39·3	33·0	33·0	48·3	·192	·169	81	90	WNW 3	WSW 1	2	1	—	Fine day. ≋0 (mist). ⌐ 5p.—11p.
22	29·780	30·090	44·8	35·9	31·9	45·0	·197	·176	66	84	ESE 5	NNE 4	10	0	·040	▲ 10.35a. and noon.
23	30·451	·520	33·1	38·8	31·1	42·0	·168	·188	89	80	N 1	SSE 2	0	3	—	≋0 (mist) a. ⌐2 a. and p., fine day. [White ♊ NW.—N. 7.15p.
24	·430	·440	42·0	40·8	38·6	43·8	·190	·196	73	77	S 4	SSE 4	9	6	—	≋0 (mist) a. ● 0 1p.—4p. ⌓2 after
25	·525	·372	39·4	42·8	34·3	46·9	·223	·264	93	96	SW 2	SW 2	10	2	·010	≋ till 8a. ⌓2 till 10a. [7p.
26	·647	·654	43·8	45·6	39·2	46·8	·284	·273	99	90	WSW 2	SW 2	9	10	—	⌓2 5p.—Midt. ⌐ 8p.—Midt.
27	·646	·589	44·7	42·8	42·3	50·1	·277	·260	93	95	SSW 2	SW 2	7	10	—	⌐2 n. ⌓2 7a.—10a. and 5p.—10p.
28	·463	·380	44·3	41·7	39·6	54·2	·273	·253	94	96	SW 2	SSW 3	10	10	—	≋0 (mist) a. ⌓ p. [≋0 (mist).
29	30·248	30·121	46·4	47·1	41·1	50·6	·262	·308	84	96	SW 2	SSW 2	9	10	·230	≋0 (mist) a. ≋ 9p.—Midt.
30	29·994	29·904	45·6	48·0	44·3	50·7	·264	·335	87	100	SW 3	S 2	10	10	·010	≋ in past n.
31	29·870	29·783	46·1	46·8	44·3	48·3	·307	·279	98	88	S 2	S 4	10	10	·010	
Means	30·014	30·020	42·3	41·6	37·6	48·4	·241	·239	88·3	90·0	3·0	2·9	7·0	6·2	3·490	

Observer remarks: Mean sea temperature 50°·1.

ST. AUBIN'S, JERSEY.

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

DECEMBER 1881.

1	30·069	30·319	50·0	47·3	45·0	55·0	·280	·246	78	76	W 2	W 2	2	2	·155	● 2 ▲ 10a. Fine p.
2	·375	·316	51·0	49·2	46·5	54·8	·311	·303	83	87	SW 3	SSW 3	2	0	—	⌓0 a. Day extremely fine. Ψ p.
3	·200	·214	41·0	41·8	40·1	49·7	·233	·227	91	86	SE 3	SSE 3	9	10	—	Squally a. and p. Very cloudy. Ψ p.
4	·287	·326	43·0	46·6	39·8	46·6	·266	·303	96	96	S 2	S 2	10	10	·100	Very gloomy. Temp. rising from 5p.
5	·262	·365	48·0	46·5	44·0	53·7	·330	·289	99	90	SSW 2	NW 1	10	4	·090	[11a.
6	30·342	·040	49·3	50·3	43·5	56·3	·294	·357	84	98	SSW 3	S 3	8	10	·325	Red sunrise. Fine a. Bar. falling from
7	29·938	30·097	45·6	45·3	43·3	53·0	·283	·259	93	86	W 1	WNW 2	9	5	·170	▲ 4.30p. [night.
8	30·065	29·922	48·2	45·6	43·1	48·7	·261	·248	78	81	W 2	W 3	7	5	·528	● ▲ showers. Ψ p. Squally
9	29·711	·549	41·8	41·4	38·5	46·6	·254	·240	96	92	W 2	SW 1	10	10	·865	● 2 ▲ showers a. and p. [< 0 11p.
10	·545	·663	41·6	39·3	38·0	44·0	·242	·223	93	93	NE 2	NE 1	7	10	·470	● 2 n. and a. ⌒ 9a. ● ▲ p.
11	·774	29·899	41·7	39·4	36·4	45·2	·211	·182	81	76	NE 1	NE 1	8	1	·110	Day fine but cold. ⌐ 8p.
12	29·961	30·039	40·0	42·5	38·0	44·8	·215	·202	87	74	Calm 0	N 1	9	10	·355	● ▲ a. Gloomy.
13	30·247	·391	39·4	36·4	35·7	42·7	·218	·176	91	82	E 2	E 1	9	2	—	▲ early a. Day gloomy and cold.
14	·354	30·262	41·5	40·7	35·2	44·0	·197	·222	75	88	S 2	S 3	3	10	·004	Very fine a. Overcast p.
15	30·133	29·995	38·3	38·4	37·1	40·8	·223	·224	97	97	S 2	S 2	10	10	·055	Day very gloomy. ● 0.
16	29·875	·674	40·0	42·5	37·0	42·5	·217	·265	88	98	S 3	S 5	7	10	·155	Temp. rising from 4p. ● ▲ 0 p.
17	·531	·472	49·8	53·2	41·4	53·2	·330	·366	92	91	W 4	SW 7	10	10	·220	Squally ⁄ n. Gloomy day. ● ⁄
18	·590	·785	44·0	42·2	41·2	54·0	·230	·239	79	90	WbyN 3	SW 3	4	8	·282	Squally a. ▲ p. [(gale) p. Squally.
19	·754	·584	46·8	47·7	41·4	51·8	·252	·261	80	80	W 2	SW 3	7	4	·250	▲ n. and a. Day extremely fine.
20	·293	·577	44·3	47·1	42·2	49·6	·245	·211	84	66	WbyN 5	W 5	8	4	·177	< 0 n. and a. Bar. 29·134 4.30a. ▲ [● · Wild rough day.
20																[(force 9 in squalls.) < p.
21	·797	·983	46·7	41·2	39·7	51·1	·232	·196	74	76	NW 2	Calm 0	7	0	·040	▲ ● a. and p. ⌒ 9a. Day fine.
22	29·785	29·996	41·2	42·8	38·9	44·7	·233	·219	91	80	SE 7	NE 3	10	2	·052	Squally ⁄ ●0 a. Day gloomy.
23	30·411	30·589	41·4	39·0	37·8	46·8	·210	·181	81	77	NE 1	NE 1	0	0	—	⌓0 a. Day extremely fine and bright.
24	·554	·501	40·3	39·3	38·1	42·5	·217	·178	88	75	S 3	SE 3	5	0	—	Cloudy a., then very fine and bright
25	·597	·669	36·3	40·0	32·9	40·0	·183	·207	85	84	SE 2	Calm 0	8	7	—	Very cloudy. Cold and dry. [but cold.
26	·723	·724	43·0	45·0	39·2	45·3	·225	·257	81	86	Calm 0	S 2	10	10	—	Overcast all day. Bar. 30·740 11a.
27	·707	·647	42·6	41·0	37·8	46·2	·240	·233	88	91	SE 2	SE 1	1	0	—	⌓ a. Extremely fine day. ⌓0 p.
28	·555	·498	38·2	41·0	37·0	46·0	·206	·250	90	98	S 2	S by E 1	7	10	—	⌓ (⌐ in places) a. Very fine a.
29	·383	·257	44·0	44·3	40·0	49·2	·238	·263	82	91	SW 2	S 2	9	10	—	Overcast, but fair. [Gloomy p.
30	30·108	30·017	39·3	44·1	36·2	45·9	·217	·269	91	94	S 1	S 2	10	10	—	Overcast and gloomy.
31	29·963	29·900	40·3	40·2	38·8	44·2	·238	·249	96	100	SE 1	S by E 2	9	10	—	Overcast. ≋ p.
Means	30·093	30·105	43·2	43·3	39·5	47·7	·243	·243	86·8	86·4	2·2	2·2	7·3	6·3	4·403	

Earth temperature—Mean of 10 readings at 9a. (every third day), 1 foot 42°·6, 3 feet 43°·9, 6 feet 52°·3.

LONDONDERRY.

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

DECEMBER 1881.

Day.	Barometer at 32° and M. S. L. 9 a.m.	9 p.m.	Air Temperature. 9 a.m.	9 p.m.	Min.	Max.	Tension of Vapour. 9 a.m.	9 p.m.	Relative Humidity. 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	29·933	29·844	36·9	44·3	33·0	46·2	·207	·270	95	93	WSW 2	SW 3	0	8	·080	═ a. Fine and clear all day. ☿ ● p.
2	29·694	29·799	50·9	49·2	42·4	52·8	·322	·337	86	97	S 4	Calm 0	10	10	·150	✎ ● a.
3	30·014	30·116	40·2	35·7	33·8	49·2	·222	·191	89	91	SW 1	WSW 1	10	0	—	Fine and clear all day.
4	29·988	29·973	39·0	42·2	28·8	44·0	·164	·261	70	96	S 3	SW 1	10	1	·050	
5	30·038	30·086	38·8	38·8	35·8	45·4	·220	·220	94	94	SW 1	SW 2	7	9	·260	● showers all day.
6	29·577	29·212	45·1	45·7	38·8	52·3	·263	·235	88	77	S 5	SSW 7	10	10	·080	● till 2p. Fine, with ✎ p.
7	·539	·729	43·7	38·5	36·8	52·2	·225	·210	78	90	SW 2	SW 2	9	3	·180	▲ ● during the day.
8	·715	·623	36·0	35·7	34·0	40·0	·195	·194	92	93	SW 2	W 2	4	5	·110	● showers all day.
9	·560	·691	33·0	34·3	31·0	39·0	·182	·190	97	96	S 2	Calm 0	5	8	·040	● and ✳ ● (sleet) showers.
10	·788	29·827	29·9	25·2	22·8	35·0	·166	·126	100	92	Calm 0	Calm 0	5	10	—	Fine all day, but with ≋.
11	29·891	30·033	22·6	24·9	20·0	25·2	·104	·134	86	100	Calm 0	S 1	10	0	—	Fine all day, but with ≋.
12	30·168	30·203	28·2	29·2	22·2	36·0	·146	·127	95	79	Calm 0	Calm 0	6	0	—	≋ before 9a. Fine all day.
13	30·159	29·985	33·8	41·1	23·3	41·5	·156	·232	80	90	S 2	S 4	9	10	·670	
14	29·990	30·128	38·7	34·7	32·2	43·0	·219	·186	93	92	WSW 1	S 1	10	0	·030	
15	·982	29·649	35·5	38·7	28·2	41·0	·178	·188	85	80	SSE 1	S 3	3	5	·250	
16	29·512	29·252	35·2	34·7	31·0	40·3	·200	·186	97	92	S 1	S 1	5	0	·260	Fine, but overcast. ● at night. [day.
17	28·777	28·848	39·3	38·9	31·8	43·0	·200	·200	84	85	WSW 3	WSW 3	5	5	·260	Squally before 9a. ▲ ● showers during
18	29·088	29·261	35·7	36·7	32·6	39·4	·176	·193	83	89	WSW 3	W 3	8	6	·240	Showers of ▲ ● ✳ and ✳ ● [(sleet) during the day.
19	29·345	·104	35·7	36·7	31·4	41·0	·183	·202	87	93	WSW 2	SW 3	2	0	·100	
20	28·830	·154	34·7	40·2	31·8	40·6	·196	·205	97	83	Calm 0	W 4	10	8	·220	≋0 (mist) 9a. ● 6p.—8p.
21	29·578	29·823	39·3	33·3	31·4	43·0	·170	·182	72	96	W 3	Calm 0	5	0	·040	▲ before 9a.
22	29·972	30·207	30·3	31·7	27·8	38·2	·159	·172	94	96	S 1	SW 1	0	0	—	Fine and clear all day.
23	30·361	·231	31·1	40·7	27·5	41·2	·145	·197	83	78	S 1	S 4	0	10	·010	
24	29·937	·050	45·0	44·9	33·8	47·4	·280	·252	94	85	S 5	S 4	10	10	·100	● till Noon. Fair p.
25	30·108	·352	50·0	50·2	42·5	51·6	·339	·330	94	91	S 3	SW 1	10	10	·010	
26	·419	·406	47·7	47·2	43·7	50·6	·276	·293	84	91	W 1	SW 1	10	8	—	Fine and mild all day. [9p.
27	·434	·417	41·8	34·2	32·5	50·4	·225	·192	85	97	SW 2	Calm 0	5	0	—	Fine and clear during day. ≋0 (mist)
28	30·252	30·018	42·5	49·7	31·4	50·0	·244	·295	90	83	S 2	SW 4	9	10	·020	≋0 (mist) before 9a. Day cloudy.
29	29·829	29·745	48·1	45·2	43·0	51·0	·308	·253	92	85	SW 3	SW 3	10	10	·050	Fine and clear all day.
30	·641	·723	40·1	38·2	36·5	47·8	·212	·204	85	89	S 2	SW 3	2	1	·080	
31	29·774	29·452	35·9	47·7	32·0	48·2	·192	·285	91	87	Calm 0	SW 3	0	10	·500	≋0 (mist) 9a.
Means	29·803	29·805	38·2	39·0	32·4	44·1	·209	·217	88·4	89·7	1·9	2·1	6·4	5·4	3·790	

MARKREE CASTLE.

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

DECEMBER 1881.

1	29·945	29·818	32·4	46·6	29·3	47·4	·160	·287	87	91	Calm 0	S 2	0	10	·150	═2 9a.
2	29·659	29·776	50·6	42·2	41·7	51·9	·332	·245	90	91	S 5	S 2	10	10	·115	☿ 9p.
3	30·033	30·107	37·1	29·3	27·7	46·4	·194	·162	88	100	Calm 0	Calm 0	8	0	·028	═2 9p.
4	29·967	29·979	37·2	41·2	26·6	45·4	·212	·246	95	95	S 3	SW 1	10	3	·045	☿ 1a.
5	30·056	30·100	36·9	36·8	31·5	47·4	·207	·198	95	91	Calm 0	Calm 0	8	10	·082	═2 a. ▲ during day. ☿ 9p.
6	29·496	29·333	47·1	45·4	34·1	52·1	·283	·219	88	72	S 5	SW 6	10	2	·062	Sharp squalls before 9a. Squally ✎ [(force 7) 3p
7	·639	·799	42·3	35·6	35·1	46·4	·228	·192	85	92	SW 2	SW 2	10	4	·064	
8	·805	·653	35·1	33·2	32·3	39·0	·195	·184	95	97	Calm 0	WSW 2	10	2	·019	═ 9a.
9	·578	·687	33·1	34·6	30·3	39·6	·181	·171	96	85	Calm 0	Calm 0	8	3	·156	═ ✳ a.
10	·777	29·814	27·8	25·3	23·5	41·5	·152	·137	100	100	Calm 0	Calm 0	0	5	·010	═2 9a. ≋2 9p.
11	29·889	30·044	22·4	18·4	16·7	27·0	·117	·100	97	100	Calm 0	Calm 0	0	0	—	═2. ≋ a. and p.
12	30·164	30·206	18·3	21·9	15·8	32·8	·100	·118	100	100	Calm 0	Calm 0	0	10	—	≋ 9p.
13	·144	29·991	31·7	41·3	21·8	42·1	·162	·251	91	97	SSE 2	S 3	10	10	·481	
14	30·017	30·144	36·5	28·8	28·3	43·5	·193	·156	90	99	Calm 0	Calm 0	9	1	—	
15	29·939	29·582	34·1	37·8	26·3	40·0	·163	·197	82	87	SE 3	SE 4	10	10	·132	═2 9a.
16	29·561	29·190	34·9	35·0	32·3	42·0	·181	·190	89	93	S 1	SE 4	10	10	·148	
17	28·858	28·933	39·9	37·1	33·9	43·2	·199	·195	81	88	WSW 4	SW 2	10	10	·183	
18	29·183	29·362	34·7	34·5	34·2	41·4	·178	·176	88	88	WSW 3	W 2	6	6	·218	▲ a. ▲ ✳ during day.
19	29·415	·053	35·1	37·1	33·5	41·2	·185	·205	90	93	SW 2	SSE 3	8	10	·173	< 7a.
20	28·854	·284	39·3	39·7	34·7	44·9	·206	·210	86	86	W 4	NW 3	8	10	·255	< 6p. ▲ 9p.
21	29·646	29·831	36·1	28·3	27·9	44·2	·181	·155	85	100	NW 2	Calm 0	5	1	·010	
22	29·975	30·224	24·3	23·2	22·9	39·2	·131	·124	100	100	Calm 0	Calm 0	10	0	—	≋0 a. ═2 9a. ≋2 9p.
23	30·351	·151	27·4	39·0	19·6	39·8	·146	·205	98	86	SE 2	ESE 4	10	10	·018	═2 9a.
24	29·935	·095	47·1	43·6	38·9	49·2	·297	·255	92	89	SE 5	S 2	10	10	·100	Sharp squalls before 9a.
25	30·210	·390	51·1	48·1	43·3	52·6	·352	·321	93	96	SW 2	Calm 0	10	9	—	
26	·454	·442	46·3	47·4	45·3	49·6	·290	·300	93	92	SW 2	SW 3	10	10	—	
27	·435	30·388	41·1	30·3	29·5	48·4	·230	·165	89	98	Calm 0	Calm 0	0	0	—	≋0 9p.
28	30·248	29·999	43·2	49·1	28·3	51·3	·260	·297	92	85	Calm 0	S 4	10	10	·058	
29	29·854	·722	47·2	45·4	43·6	51·2	·298	·267	93	89	SW 2	WSW 3	10	10	·004	☿ 7p.
30	·605	·770	40·1	35·4	34·3	47·4	·231	·177	93	85	W 1	Calm 0	10	2	·050	☿ p.
31	29·731	29·483	35·1	43·3	28·1	48·4	·189	·269	92	96	S 1	Calm 0	10	10	·369	═ 9a.
Means	29·822	29·818	37·0	36·6	30·7	44·4	·208	·206	91·4	92·3	1·6	1·7	7·7	6·4	2·030	

DUBLIN.

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

DECEMBER 1881.

Day.	Barometer at 32° and M. S. L. 9 a.m.	9 p.m.	Air Temperature. 9 a.m.	9 p.m.	Min.	Max.	Tension of Vapour. 9 a.m.	9 p.m.	Relative Humidity. 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	29·980	29·959	41·2	49·7	39·0	49·8	·231	·304	90	86	WSW 1	S 3	0	9	·010	[● from 7p. Cool a. Very fine bright day. Cir. p.
2	29·914	29·847	53·0	53·3	49·1	55·6	·306	·318	76	78	S 3	SW 4	10	5	·226	Cloudy and mild. ●2 10p. [◠.
3	30·035	30·130	42·3	37·2	36·9	53·3	·244	·200	91	90	W 2	W 2	10	0	—	Colder a. Overcast ●0 a. Clearer p.
4	·109	·008	34·2	48·2	30·5	49·7	·180	·307	90	92	Calm 0	SW 3	8	7	·010	═ ≋ a. Mild and cloudy p.
5	30·118	30·172	43·1	42·3	40·0	48·5	·250	·238	89	89	WSW 2	WSW 2	8	6	·020	Cloudy a. Bright p. ☿ 9p.
6	29·803	29·546	48·9	45·8	41·4	54·8	·276	·221	80	72	S 4	SW 7	10	0	·084	Squally ✎ ● a. and p. Sky clearing
7	·706	·860	41·5	39·6	39·2	46·0	·213	·195	82	80	WSW 3	WSW 4	4	1	—	Fine bright day, but cold. [6p.
8	·822	·706	37·5	36·9	35·9	41·2	·188	·189	84	87	WbyS 3	WbyS 3	1	1	—	═0 a. Cold and bright. Cir. increasing [a.
9	·592	·639	35·2	36·2	33·1	36·9	·186	·193	90	90	W 2	W 2	6	9	·010	═ a. Clouds from N. late p. ✳ ● [(sleet) ▲
10	·759	·802	31·2	31·0	30·1	36·3	·168	·163	92	93	W 2	WNW 3	10	10	—	≋ a. Very dull and cold throughout.
11	29·866	29·989	23·9	25·0	23·6	31·0	·121	·131	94	86	W 1	W 3	0	3	—	≋0 (mist) a. ═2 a. and p. Bright.
12	30·118	30·179	30·3	30·2	27·0	34·0	·153	·166	91	98	WNW 2	W 2	3	7	—	═ a. ≋ ═2 p. Much cirrus.
13	·245	·134	27·6	43·1	25·2	43·6	·138	·205	92	74	Calm 0	SW 2	4	10	·314	≋ a. Thaw after 9a. Partial ○ 1p.
14	·028	30·180	43·8	35·7	34·7	47·5	·264	·188	92	89	WbyN 4	W 2	10	0	·029	Temp. 47·5 n. with squally ✎. ● a. [Partial ○ noon. Clear p. ═.
15	30·050	29·770	31·1	37·3	29·9	39·6	·164	·192	94	87	Calm 0	SSE 3	8	0	—	═ ≋ a. Cir. from SW. after 10a.
16	29·573	29·353	38·6	36·9	33·2	42·3	·207	·182	89	84	WSW 2	SSE 2	7	7	·107	Parhelia and partial ○ 1p.
17	·004	28·989	40·3	41·5	36·3	43·5	·223	·211	90	81	WSW 4	WSW 3	10	10	·220	Squally ✎ ●2 a. Bar. 28·901 2p.
18	·246	29·414	35·6	36·1	34·2	41·8	·166	·187	79	87	W 5	W 6	1	1	·011	Squally ✎ a. and p. ✳ ● (sleet).
19	29·465	·225	37·3	36·3	35·6	40·1	·195	·203	88	88	W 4	SSE 3	1	4	·128	✳ ● (sleet) ▲ early a. Day cold [and bright. Parhelion 2.30p.
20	28·909	·269	39·1	39·1	35·8	42·2	·204	·200	85 / 81	84	W 5	W 4	6	2	·044	✎ ● ▲ a. Bar. 28·824 a. Stormy p.
21	29·646	29·851	35·1	34·3	34·0	39·5	·167	·176		88	W by N 4	W 1	0	0	—	Bright and cold. ═ ≋0 p. [3p.
22	29·937	30·215	31·1	31·7	30·2	34·8	·164	·157	94	88	Calm 0	W 1	5	0	—	═ ≋ a. Cir. from W., Cum. from E.
23	30·407	·328	26·9	41·0	25·6	41·4	·127	·197	87	77	Calm 0	S by E 3	5	8	—	═2 ≋ a. Cir. from NW. a. and p.
24	·136	·214	46·9	48·1	40·4	49·7	·247	·313	78	93	SSW 4	WSW 1	10	10	·046	Overcast and mild a. ●0 11a. Clear [p., but ●0 later.
25	·278	·434	49·6	50·9	45·2	52·3	·313	·313	88	85	WSW 5	W by S 4	10	10	—	Overcast, mild, and damp throughout.
26	·522	·517	48·8	43·9	43·7	51·1	·285	·263	82	91	WSW 3	Calm 0	9	0	—	Very mild a. Bright and pleasant p.
27	·499	·445	49·1	38·9	38·2	50·1	·157	·202	46	86	SW 3	Calm 0	0	0	—	≋ a. and p. ◠ a. Cir. from SW. p.
28	30·328	30·153	47·3	49·4	36·1	51·9	·242	·279	75	79	SW 2	S 4	2	8	—	Cloudy and mild a. Spring-like day. [Much cir. p.
29	29·917	29·813	51·1	47·5	44·0	52·0	·335	·290	89	88	SW 4	SSW 2	10	10	·010	
30	·755	·829	46·3	43·1	41·9	53·4	·263	·201	85	72	SW 2	SW 3	4	3	—	Day cool and bright. ☿ p.
31	29·816	29·601	38·9	49·8	38·1	50·0	·200	·282	85	80	SSE 1	S 3	7	10	·260	Much cir. from SW. a. Overcast [evening. ●0.
Means	29·891	29·891	39·6	40·9	35·9	45·4	·212	·222	85·2	85·1	2·5	2·7	5·8	4·9	1·529	

PARSONSTOWN.

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

DECEMBER 1881.

1	29·999	29·902	36·2	48·2	36·2	49·2	·199	·307	93	92	S 0·5	S 1	0	7	·057	≋ before 9a
2	29·807	29·826	52·4	43·3	42·5	53·6	·316	·256	80	92	S 3	S 0·5	8	10	·734	
3	30·055	30·148	38·7	30·7	30·4	52·0	·218	·165	93	96	NW 0·5	Calm 0	7	0	—	≋ p.
4	·044	·039	37·4	42·1	28·4	46·6	·189	·253	85	94	SSE 2	Calm 0	10	1	·120	
5	30·124	30·175	40·9	39·3	36·9	47·2	·235	·221	92	92	S 0·5	SSW 0·3	5	10	·100	≋0 (mist) 9p.
6	29·655	29·547	48·3	42·9	38·8	54·3	·301	·212	90	78	ESE 4	WSW 3	10	1	·160	Squally, with ≋0 (mist) 9p.
7	·755	·896	40·8	36·7	36·2	44·5	·209	·193	82	89	SW 1	SW 2	5	6	·172	▲ p.
8	·854	·729	33·3	33·6	31·9	40·0	·174	·182	91	93	Calm 0	SW 1	3	0	·068	≋0 (mist) 9p.
9	·615	·701	31·2	29·7	28·9	38·1	·160	·154	91	94	Calm 0	NW 1	0	4	—	
10	·784	29·826	30·5	28·5	26·5	31·6	·145	·157	85	100	ESE 0·5	SW 0·5	8	10	—	≋ a. and p.
11	29·886	30·055	23·1	22·9	20·8	29·6	·102	·109	83	89	NNE 0·5	N 1	9	10	—	≋ a. and p.
12	30·187	·223	19·9	25·0	18·6	30·6	·094	·124	88	92	Calm 0	Calm 0	3	10	—	≋ a. and p. ≋a (mist) 9p.
13	·190	·104	32·1	41·6	24·0	42·4	·159	·240	87	92	S 1	SSE 0·5	4	10	·294	
14	·088	30·194	39·0	32·4	32·2	45·6	·218	·167	92	90	W 0·5	SSE 0·5	7	0	—	≋0 (mist) 9p.
15	30·021	29·656	32·3	38·6	29·0	39·0	·146	·194	80	83	S 1	SE 1	2	7	·210	
16	29·598	·284	32·7	36·4	31·9	41·0	·172	·197	92	92	S 0·5	SE 3	5	10	·390	
17	28·989	·021	42·8	39·5	36·0	44·4	·243	·202	88	83	W 4	SSW 2	10	10	·254	
18	29·332	·478	34·5	37·2	32·4	39·8	·162	·178	81	81	W 1	W 4	4	5	·295	▲ p. ≋0 (mist) 9p.
19	29·499	·121	35·0	39·0	33·8	41·8	·188	·212	92	90	SW 1	SW 3	5	8	·298	
20	28·998	·413	39·3	38·5	34·8	42·0	·187	·171	79	74	W 1	WSW 4	5	6	·236	
21	29·718	29·862	34·5	30·7	30·0	41·0	·161	·172	80	100	WSW 1	Calm 0	4	0	—	≋ p.
22	29·945	30·254	28·5	26·1	25·9	35·0	·142	·142	91	100	N 0·5	Calm 0	3	0	—	≋ 9p.
23	30·392	·254	29·0	40·7	21·2	41·0	·143	·206	89	81	S 1	SE 2	5	10	·091	≋0 (mist) 9p.
24	·057	·215	46·3	41·2	39·0	49·2	·283	·242	91	94	SSE 3	S 1	10	10	·221	≋0 (mist) 9p.
25	·321	·477	49·8	48·4	40·1	50·5	·335	·313	93	92	WSW 1	SSW 1	10	10	·032	
26	·535	·521	47·1	43·1	43·0	48·9	·276	·244	86	87	SW 1	Calm 0	10	5	—	≋0 (mist) 9p.
27	·499	·434	38·5	39·0	37·0	48·3	·213	·216	92	91	S 0·5	SSE 0·5	4	0	—	◠ 9p
28	30·316	30·126	42·4	47·9	38·3	51·0	·237	·266	88	81	SSE 1	SSE 1	8	10	·028	≋0 (mist) 9p.
29	29·917	29·813	51·1	47·5	44·0	52·0	·335	·290	89	88	S 1	S 1	5	10	·050	≋0 (mist) 9p.
30	·749	·785	43·5	37·5	37·2	49·5	·229	·193	80	86	S 1	SSW 0·5	7	10	—	≋0 (mist) 9p.
31	29·766	29·536	38·6	48·0	34·9	48·7	·189	·283	81	85	SSE 1	SSE 3	4	10	·521	≋0 (mist) 9p.
Means	29·893	29·891	37·7	37·9	32·9	44·1	·205	·208	87·2	89·4	1·1	1·2	5·8	6·5	4·333	

PART II.

Monthly Summaries from Stations of the Second Order, 1881.

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

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

The list varies from that for 1880 by the addition of Aysgarth (Yorkshire), Scarborough; Totnes and Phœnix Park, Dublin (the Ordnance Survey Office); and the omission, owing to the death or removal of the observers, of Glenalmond, Hull, Kelstern, and Folkestone. The total number therefore remains the same.

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

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

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

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

In some previous years the decision of the Vienna Congress that the days of precipitation, irrespective of amount, should be counted as the number of days of rain, has been literally observed; but since the common practice of British Meteorologists has been to take ·01 inch (·005 inch in those cases where the rainfall was observed to thousandths of an inch) as the minimum for a rainy day, and as, moreover, many observers do not record closer than to hundredths of an inch, it has been deemed desirable to adopt this lower limit, that the results as here given may be directly comparable with each other and with similar British publications. In this volume, therefore, as in that for 1880, a day of rain must be understood as one on which ·01 inch (or ·005 inch at least), of rain was registered. As in previous years, no regard is had to the form of the precipitation, those days on which snow, hail, &c., fell being all included in the number of days of rain.

In counting days of thunderstorm those days are included on which thunder was heard, 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 is counted as overcast.

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

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

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

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

On pages 216–217 is given, in Part III., the Annual Summary, showing at one opening the mean values and totals for the year of the various elements at all the stations, as well as the extreme temperatures and the maximum rainfall.

Stations.	Observers.
Sandwick (Orkney)	Rev. C. Clouston, LL.D.
†Dunrobin Castle	Mr. D. Melville.
†Braemar	James Aitken, F.R.Met.Soc.
Laudale (Argyleshire)	Mr. A. Fletcher, (for T. H. G. Newton, M.A., F.R.Met.Soc.).
†Dundee	W. Ross M'Kelvie, Esq.
†Rothesay (Isle of Bute)	James Kay, Esq.
†Pinmore (Ayrshire)	Mr. Peter Donald.
*Scaleby (near Carlisle)	R. A. Allison, F.R.Met.Soc.
Seaham	Mr. G. H. Aird.
Durham	G. A. Goldney, Esq.
Aysgarth (Yorkshire)	Rev. Fenwick W. Stow, M.A., F.R.Met.Soc.
*Scarborough	F. Shaw, F.R.Met.Soc.
Douglas (Isle of Man)	A. W. Moore, M.A., F.R.Met.Soc.
York	J. Wright (for W. Keeping, M.A., F.G.S.).
*Wakefield	H. Clarke, L.R.C.P., F.S.S., F.R.Met.Soc.
*Llandudno	J. Nicol, M.D., F.R.Met.Soc.
*Buxton	E. J. Sykes, M.B., F.R.A.S., F.R.Met.Soc.
*Cheadle	J. C. Philips, F.R.Met.Soc.
*Hillington (Norfolk)	Rev. H. Ffolkes, M.A., F.R.Met.Soc.
Leicester	W. J. Harrison, F.G.S., and J. E. Carryer.
Uppingham	Rev. G. H. Mullins, M.A., F.R.Met.Soc.
Oscott	Rev. S. J. Whitty, B.A.
*Churchstoke (Montgomeryshire)	P. Wright, F.C.S., F.R.Met.Soc.
Geldeston (Beccles)	E. T. Dowson, F.R.Met.Soc.
*Cheltenham	R. Tyrer, B.A., F.R.Met.Soc.
St. David's	W. P. Propert, M.A., LL.D., F.G.S., F.R.Met.Soc.
*Carmarthen	G. J. Hearder, M.D.
Chigwell Row	J. Campbell, Staff Surgeon, R.N.
*Marlborough	Rev. T. A. Preston, M.A., F.R.Met.Soc.
*Strathfield Turgiss (Hants)	Rev. C. H. Griffith, B.D., F.R.Met.Soc.
*Ramsgate	Rev. E. T. Egan, O.S.B.
Southampton (Ordnance Survey Office)	Mr. J. T. Cook (for Director General of Survey).
St. Leonards	H. Colborne, M.R.C.S., F.R.Met.Soc.
*Dartmoor (Princetown)	Mr. W. H. Tooker.
*Babbacombe (Torquay)	E. E. Glyde, F.R.Met.Soc.
Totnes	T. H. Edmonds, F.R.Met.Soc.
St. Aubin's (Jersey)	J. E. Vibert, M.A.
Londonderry	J. Conroy, F.R.Met.Soc.
Brookeborough (Colebrooke)	W. Ferguson, for Sir Victor Brooke, Bart., F.L.S.
Markree Castle (Sligo)	E. Salles (for Colonel Cooper, F.R.A.S.).
Dublin (O.S.O. Phœnix Park)	Sergt. Given (for Col. Martin, R.E., and Col. Stotherd, R.E.)
Dublin (City)	J. W. Moore, M.D., F.R.Met.Soc.
Parsonstown (Birr Castle)	W. Harding and G. Phillips (for The Earl of Rosse, F.R.S.).

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

SANDWICK

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

1881.	Mean Pressure.	Air Temperature. 9 a.m.	9 p.m.	Mean.	Means of Min.	Means of Max.	Absolute Min. and Max. Min.	Day.	Max.	Day.	Tension of Vapour. 9 a.m.	9 p.m.	Mean.	Relative Humidity. 9 a.m.	9 p.m.	Mean.
	ins.	°	°	°	°	°	°		°		in.	in.	in.	%	%	%
January -	29·883	32·9	32·8	32·9	28·5	37·7	7·8	18th	48·6	2nd	·174	·174	·174	93	93	93
February - -	·829	35·2	34·6	34·9	32·6	38·4	26·0	12th	43·8	1st	·190	·183	·187	92	91	92
March - -	29·679	36·6	34·9	35·8	31·9	40·4	12·7	3rd	52·1	16th	·197	·185	·191	91	91	91
April - -	30·026	41·6	39·6	40·6	36·7	45·3	29·6	2nd	53·2	17th	·216	·215	·216	82	89	86
May - -	30·004	49·2	46·3	47·8	42·2	53·5	33·8	2nd	64·3	23rd	·274	·268	·271	78	86	82
June - -	29·834	50·3	48·6	49·5	45·8	54·4	37·3	9th	68·0	1st	·295	·297	·296	81	87	84
July - -	·744	54·1	51·7	52·9	49·4	58·6	43·8	27th	69·9	11th	·351	·329	·340	83	86	85
August - -	·688	52·1	50·4	51·3	48·1	55·7	42·4	25th	64·8	5th	·329	·310	·320	84	85	85
September -	29·983	52·2	50·8	51·5	48·5	55·8	44·0	19th	59·5	3rd	·332	·324	·328	85	87	86
October - -	30·010	46·2	44·8	45·5	42·8	49·6	35·4	17th	59·1	1st	·263	·248	·256	85	84	85
November -	29·483	44·7	44·9	44·8	41·5	48·7	34·2	18th	58·0	14th	·251	·263	·257	86	89	88
December -	29·634	40·1	40·3	40·2	36·5	44·1	29·3	21st	51·8	25th	·219	·221	·220	89	89	89
Year -	29·816	44·6	43·3	44·0	40·4	48·5	—	—	—	—	·258	·251	·255	85·8	88·1	87·0

DUNROBIN CASTLE

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

January - -	29·919	30·6	30·8	30·7	26·6	37·8	13·5	17th	48·7	4th	·159	·161	·160	90·5	91·6	91·1
February - -	·828	36·5	34·8	35·7	31·2	40·1	23·3	12th	45·0	1st	·192	·182	·187	88·3	89·9	89·1
March - -	29·733	38·6	36·1	37·4	32·3	43·3	21·5	22nd	56·4	18th	·214	·203	·209	89·6	93·6	91·6
April - -	30·022	43·9	40·6	42·3	36·4	48·6	24·7	3rd	56·3	28th	·249	·237	·243	86·7	93·0	89·9
May - -	30·029	51·4	48·0	49·7	42·7	55·8	32·7	3rd	69·8	31st	·337	·316	·327	87·7	93·0	90·4
June - -	29·863	53·7	49·9	51·8	45·3	58·0	31·5	8th	73·3	2nd	·363	·331	·347	87·7	91·7	89·7
July - -	·786	57·5	54·0	55·8	49·3	61·6	40·2	27th	68·8	14th	·374	·362	·368	78·7	86·5	82·6
August - -	·724	55·1	51·9	53·5	46·6	58·8	40·7	23rd, 26th	68·8	4th	·338	·325	·332	77·9	84·0	81·0
September -	29·991	54·3	51·4	52·9	47·1	57·2	41·7	27th	61·9	26th	·343	·338	·341	81·3	88·9	85·1
October - -	30·036	48·1	46·0	47·1	41·7	51·4	32·5	17th	61·2	7th	·267	·258	·263	78·3	81·8	80·1
November -	29·551	44·8	44·6	44·7	39·6	49·8	30·5	18th	60·2	14th	·250	·259	·255	84·7	86·8	85·8
December -	29·697	39·5	39·0	39·3	33·7	44·4	26·5	23rd	56·4	25th	·216	·206	·211	87·6	85·0	86·3
Year -	29·848	46·2	43·9	45·1	39·4	50·6	—	—	—	—	·275	·265	·270	84·9	88·8	86·9

BRAEMAR

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

January - -	29·947	22·5	22·8	22·7	15·9	33·6	−4·3	17th	49·0	29th	·128	·129	·129	96·7	96·7	96·7
February - -	·833	28·5	29·4	29·0	24·5	36·1	2·4	12th	41·7	3rd	·153	·157	·155	94·9	95·2	95·1
March - -	29·758	32·3	32·8	32·6	27·8	40·3	4·2	3rd	50·8	18th	·168	·175	·172	89·4	92·3	90·9
April - -	30·020	38·8	37·3	38·1	31·6	47·5	16·4	3rd	56·5	29th	·197	·202	·200	82·8	89·9	86·4
May - -	—	—	—	—	—	—	30·4	10th	—	—	—	—	—	—	—	—
June - -	29·837	51·5	49·4	50·5	42·9	59·2	26·9	10th	75·3	1st	·283	·289	·286	74·1	81·0	77·6
July - -	·771	54·7	52·6	53·7	47·5	61·3	39·7	16th	70·2	14th	·326	·322	·324	75·7	80·8	78·3
August - -	·696	50·7	48·9	49·8	43·3	56·8	31·4	23rd	68·7	4th	·295	·291	·293	79·7	83·9	81·8
September -	29·971	49·4	48·9	49·2	43·8	55·8	31·6	28th	62·5	12th	·306	·309	·308	86·9	89·1	88·0
October - -	30·032	41·1	39·4	40·3	36·2	46·7	23·6	17th	61·0	1st	·229	·222	·226	87·4	90·3	88·9
November -	29·580	41·8	41·6	41·7	36·6	47·3	23·7	18th	56·7	14th	·241	·238	·240	89·1	89·0	89·1
December -	29·748	33·2	34·7	34·0	30·1	40·1	12·6	23rd	49·4	25th	·184	·186	·185	93·2	90·7	92·0
Year -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

SANDWICK.

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

1881.	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 - -	6·1	6·0	6·1	2·570	·420	17th	21	8	2	0	5	11	7	7	8	1	9	6	6	10	3	12
February - -	8·0	7·9	8·0	5·300	1·660	7th	17	7	0	0	0	15	11	6	7	9	6	17	0	2	2	7
March - -	8·0	7·6	7·8	3·430	·460	27th	23	12	0	0	2	15	18	7	3	1	11	7	8	10	13	2
April - -	7·4	6·3	6·9	1·530	·370	24th	15	1	1	0	4	13	5	6	3	6	14	9	2	8	5	7
May - -	4·6	4·7	4·7	1·560	·430	15th	11	1	2	0	10	6	4	3	3	9	11	7	11	8	4	6
June - -	7·2	6·9	7·1	2·510	·390	4th	19	1	1	0	2	12	4	14	1	2	10	9	4	13	4	3
July - -	7·6	6·6	7·1	4·470	1·560	6th	23	0	0	1	1	12	5	4	1	0	8	5	13	19	11	1
August - -	7·5	7·2	7·4	3·420	·690	5th	21	0	0	0	0	12	4	6	8	2	1	4	3	9	22	7
September -	7·9	7·2	7·6	0·770	·220	29th	12	0	0	0	3	17	4	1	12	3	11	9	3	4	4	13
October - -	6·4	6·9	6·7	3·440	·620	10th	20	0	0	0	1	11	12	5	5	2	16	14	1	8	5	6
November -	8·3	8·6	8·5	3·040	·350	21st	26	0	1	1	0	21	16	2	0	0	5	25	12	7	2	7
December -	7·4	7·5	7·5	4·920	1·300	14th	25	2	0	0	3	15	12	0	0	1	4	19	17	10	1	10
Year -	7·2	7·0	7·1	36·960	—	—	233	32	7	2	31	160	102	61	51	36	106	131	80	108	76	81

DUNROBIN CASTLE.

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

				ins.	ins.																	
January - -	—	—	—	1·290	·350	14th	10	8	0	0	—	—	—	6	10	2	2	0	2	14	26	0
February - -	—	—	—	3·310	1·400	3rd	15	4	0	0	—	—	—	9	17	12	4	3	2	3	6	0
March - -	—	—	—	2·260	·330	10th	17	7	0	0	—	—	—	3	6	8	9	0	4	21	11	0
April - -	—	—	—	1·470	·440	25th	11	0	1	0	—	—	—	4	17	17	4	1	0	11	6	0
May - -	—	—	—	2·640	·680	19th	13	0	1	0	—	—	—	1	17	17	7	1	4	10	5	0
June - -	—	—	—	3·300	·400	30th	17	1	0	0	—	—	—	4	14	9	3	2	4	16	8	0
July - -	—	—	—	4·100	1·040	6th	20	0	0	0	—	—	—	10	7	3	3	3	15	14	7	0
August - -	—	—	—	1·840	·500	25th	15	0	0	0	—	—	—	0	9	7	1	4	8	22	11	0
September -	—	—	—	3·900	1·230	6th	9	0	0	0	—	—	—	1	9	14	1	4	2	11	13	5
October - -	—	—	—	3·220	·700	13th	15	0	0	0	—	—	—	2	5	14	9	1	3	18	10	0
November -	—	—	—	2·800	·550	17th	14	0	0	1	—	—	—	4	3	2	6	8	9	20	8	0
December -	—	—	—	2·230	·630	18th	11	1	1	0	—	—	—	5	1	2	2	8	11	21	12	0
Year -	—	—	—	32·360	—	—	167	21	3	1	—	—	—	49	115	107	51	35	64	181	123	5

BRAEMAR.

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

				ins.	ins.																	
January - -	5·1	5·0	5·1	0·630	·290	19th	9	4	0	0	8	7	0	2	7	20	1	4	21	3	4	0
February - -	7·1	7·5	7·3	2·320	·550	3rd	14	9	0	0	1	12	0	9	14	1	10	4	15	0	3	0
March - -	6·9	6·5	6·7	1·680	·300	3rd	17	12	0	0	2	12	4	4	11	3	5	4	21	6	8	0
April - -	5·9	6·1	6·0	1·090	·360	26th	11	3	0	0	2	5	0	3	21	7	7	6	7	1	8	0
May - -	—	—	—	—	·440	15th	—	1	0	2	—	—	—	—	—	—	—	—	—	—	—	—
June - -	5·9	6·8	6·4	2·450	·780	17th	20	0	0	0	2	3	0	5	11	7	4	6	19	5	3	0
July - -	7·2	7·2	7·2	2·890	·510	6th	20	0	0	0	0	7	0	0	5	1	0	2	37	5	12	0
August - -	6·3	6·8	6·6	4·860	2·560	25th	23	0	0	0	0	5	3	2	15	6	1	2	21	8	7	0
September -	6·7	7·3	7·0	2·540	1·500	21st	14	0	0	0	1	9	0	2	19	7	3	1	22	5	1	0
October - -	7·2	6·1	6·7	6·540	1·050	14th	24	4	0	0	1	10	6	2	9	16	3	5	19	1	7	0
November -	6·8	6·5	6·7	6·800	·840	26th	26	1	0	0	0	8	12	0	0	0	5	5	46	0	4	0
December -	6·1	5·3	5·7	2·670	·710	2nd	16	8	0	0	3	5	4	0	3	1	1	3	51	3	0	0
Year -	—	—	—	—	—	—	—	42	0	2	—	—	—	—	—	—	—	—	—	—	—	—

LAUDALE

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

1881.	Mean Pressure.	Air Temperature. 9 a.m.	9 p.m.	Mean.	Means of Min.	Means of Max.	Absolute Min. and Max. Min.	Date.	Max.	Date.	Tension of Vapour. 9 a.m.	9 p.m.	Mean.	Relative Humidity. 9 a.m.	9 p.m.	Mean.
	ins.	°	°	°	°	°	°		°		in.	in.	in.	%	%	%
January	29·902	33·7	32·6	33·2	27·3	38·4	13·0	16th	49·9	3rd, 4th	—	—	—	—	—	—
February	·787	36·4	37·7	37·1	32·5	41·5	24·0	28th	49·8	17th	·193	·192	·193	88·4	83·6	86·0
March	29·762	39·6	39·7	39·7	34·7	45·1	23·6	30th	52·8	7th, 17th	·217	·217	·217	86·4	84·8	85·6
April	30·002	44·9	43·6	44·3	37·1	51·4	25·0	4th	60·0	17th	·228	·229	·229	75·5	78·9	77·2
May	30·013	52·7	50·8	51·8	44·8	58·7	32·5	3rd	71·4	27th	·296	·290	·293	74·3	78·2	76·3
June	29·853	54·3	51·3	52·8	47·0	58·9	37·0	8th	75·0	1st	·343	·322	·333	80·2	84·3	82·3
July	·821	56·5	54·3	55·4	51·1	61·0	43·5	27th	67·8	15th	·388	·372	·380	85·1	87·5	86·3
August	·732	54·4	52·8	53·6	47·6	59·4	34·0	30th	69·9	4th	·346	·347	·347	81·3	85·7	83·5
September	29·969	53·9	52·9	53·4	47·0	58·7	38·7	15th	63·1	4th	·342	·343	·343	82·3	85·0	83·7
October	30·009	46·7	46·3	46·5	42·2	51·2	30·4	13th	62·3	1st	·257	·253	·255	79·2	79·4	79·3
November	29·552	48·2	48·6	48·4	42·9	52·2	30·1	18th	60·0	8th, 9th, 14th	·290	·278	·284	84·1	79·9	82·0
December	29·735	40·8	40·3	40·6	36·6	44·3	24·3	10th	53·6	2nd	·218	·215	·217	83·1	84·2	83·7
Year	29·845	46·8	45·9	46·4	40·9	51·7	—	—	—	—	—	—	—	—	—	—

DUNDEE

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

1881.	Mean Pressure.	9 a.m.	9 p.m.	Mean.	Means of Min.	Means of Max.	Absolute Min. and Max. Min.	Date.	Max.	Date.	9 a.m.	9 p.m.	Mean.	9 a.m.	9 p.m.	Mean.
	ins.	°	°	°	°	°	°		°		in.	in.	in.	%	%	%
January	29·927	27·9	27·8	27·9	22·8	32·4	8·2	17th	45·7	2nd	·134	·133	·134	83·2	83·2	83·2
February	·824	33·0	32·7	32·9	29·8	37·1	20·2	12th	42·8	4th	·162	·165	·164	85·1	87·5	86·3
March	29·780	36·7	35·6	36·2	31·1	42·5	18·2	2nd, 22nd	56·7	17th	·174	·178	·176	77·5	82·2	79·9
April	30·034	43·2	39·4	41·3	35·2	49·2	25·2	6th	61·7	29th	·207	·203	·205	73·3	82·7	78·0
May	30·041	53·0	47·2	50·1	41·4	58·9	32·2	3rd	79·9	30th	·295	·271	·283	72·9	83·0	78·0
June	29·881	54·4	50·7	52·6	45·5	61·6	34·2	8th, 10th	78·9	1st, 2nd	·315	·305	·310	74·2	81·9	78·1
July	·825	58·7	55·0	56·9	51·1	66·2	42·3	27th	72·7	10th, 14th, 15th	·373	·367	·370	75·5	84·3	79·9
August	·722	55·7	51·6	53·7	47·2	62·1	38·3	29th	70·7	4th, 5th	·345	·331	·338	77·6	86·0	81·8
September	29·992	53·1	50·5	51·8	47·3	59·5	39·3	11th	67·7	8th	·347	·342	·345	85·9	92·6	89·3
October	30·041	44·5	42·7	43·6	39·7	49·4	29·2	30th, 31st	63·7	1st	·258	·246	·252	86·2	87·5	86·9
November	29·627	43·8	43·7	43·8	39·3	48·4	27·2	18th	56·7	14th	·256	·256	·256	88·1	88·8	88·5
December	29·774	36·9	36·9	36·9	32·9	40·8	25·2	23rd	50·7	2nd, 26th	·203	·197	·200	91·3	88·8	90·1
Year	29·872	45·1	42·8	44·0	38·6	50·7	—	—	—	—	·256	·250	·253	80·9	85·7	83·3

ROTHESAY

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

1881.	Mean Pressure.	9 a.m.	9 p.m.	Mean.	Means of Min.	Means of Max.	Absolute Min. and Max. Min.	Date.	Max.	Date.	9 a.m.	9 p.m.	Mean.	9 a.m.	9 p.m.	Mean.
	ins.	°	°	°	°	°	°		°		in.	in.	in.	%	%	%
January	29·937	31·3	31·0	31·2	26·6	37·5	15·2	16th	49·9	4th	·166	·158	·162	90·9	86·6	88·8
February	·811	35·1	35·3	35·2	31·7	40·8	23·2	12th	45·0	4th	·179	·181	·180	85·8	86·0	85·9
March	29·805	39·2	38·0	38·6	32·7	44·1	21·2	22nd	53·9	15th	·209	·205	·207	84·8	86·0	85·4
April	30·023	44·0	42·1	43·1	35·7	52·2	28·2	4th	60·6	13th	·225	·230	·228	76·4	83·6	80·0
May	30·051	52·3	49·5	50·9	42·5	59·8	32·7	3rd	73·5	29th	·316	·299	·308	80·4	84·0	82·2
June	29·891	55·3	51·3	53·3	45·6	61·0	33·2	8th	74·0	1st	·348	·337	·343	79·0	88·2	83·6
July	·874	56·5	53·9	55·2	48·8	62·5	41·1	27th	68·0	14th	·404	·383	·394	88·5	91·5	90·0
August	·763	55·0	51·7	53·4	46·3	60·6	36·2	31st	72·0	4th	·372	·350	·361	85·5	90·6	88·1
September	29·991	54·2	52·0	53·1	46·5	60·1	36·2	1st	68·0	10th	·375	·364	·370	89·4	93·4	91·4
October	30·034	47·1	44·4	45·8	40·5	51·7	30·2	16th	63·3	1st	·284	·253	·269	85·2	84·7	85·0
November	29·628	46·8	47·0	46·9	41·6	51·9	29·2	18th	61·1	14th	·297	·294	·296	90·7	89·7	90·2
December	29·796	39·2	39·0	39·1	34·1	45·4	24·2	10th, 11th	53·4	27th	·227	·217	·222	91·5	89·6	90·6
Year	29·884	46·3	44·6	45·5	39·4	52·3	—	—	—	—	·284	·273	·278	85·7	87·8	86·8

LAUDALE.

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

1881.	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.	N.W.	Calm.
				ins.	ins.																	
January	7·1	7·3	7·2	0·890	·210	27th	10	8	0	0	0	10	0	3	6	15	11	3	2	2	3	17
February	6·0	7·0	6·5	3·860	1·200	12th	13	11	0	0	0	8	1	3	2	14	13	3	2	0	2	17
March	7·2	7·5	7·4	7·350	1·580	18th	19	11	3	0	0	9	7	5	0	5	9	3	15	9	7	9
April	5·5	5·8	5·7	1·470	·620	24th	10	3	3	0	2	6	0	2	3	16	6	4	1	7	3	18
May	5·4	4·7	5·1	3·640	·900	17th	14	0	2	1	6	3	1	1	1	10	4	9	9	2	4	22
June	6·7	6·5	6·6	7·850	1·080	21st	19	0	3	1	2	9	3	5	2	3	9	9	10	9	6	7
July	6·4	6·5	6·5	7·850	1·150	3rd	29	0	0	0	2	14	4	4	0	0	1	4	16	22	12	3
August	7·9	8·1	8·0	6·130	1·230	7th	25	0	0	0	1	21	2	1	1	9	3	6	6	19	4	13
September	6·8	6·6	6·7	3·550	1·480	29th	16	0	0	0	6	18	2	1	1	11	4	12	7	4	1	19
October	5·5	6·3	5·9	4·170	·960	13th	13	5	6	0	4	7	8	4	0	15	13	8	4	4	5	9
November	9·0	7·0	8·0	14·110	1·630	30th	27	6	6	3	0	17	10	1	0	1	4	23	22	7	0	2
December	7·8	6·1	7·0	12·640	2·060	13th	28	15	10	0	4	13	5	3	0	7	5	13	15	12	5	2
Year	6·8	6·6	6·7	73·510	—	—	223	59	33	5	27	135	43	33	16	106	82	97	109	97	52	138

DUNDEE.

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

1881.	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.	N.W.	Calm.
				ins.	ins.																	
January	8·0	5·9	7·0	1·300	·400	20th	11	7	1	0	3	18	3	2	9	0	9	0	3	13	26	0
February	8·4	8·5	8·5	4·650	1·050	3rd	10	11	1	0	2	21	7	1	12	2	19	1	4	2	15	0
March	7·3	7·2	7·3	2·900	1·000	5th	9	8	1	0	2	16	10	0	5	3	11	0	5	21	17	0
April	8·0	8·6	8·3	0·700	·450	30th	5	4	3	0	1	19	1	2	11	9	21	0	4	7	6	0
May	6·8	6·8	6·8	1·250	·400	15th	9	0	0	2	2	14	4	1	10	4	18	1	7	16	5	0
June	7·8	8·5	8·2	3·100	·700	16th	15	1	2	3	1	19	4	2	5	2	20	1	16	10	4	0
July	8·4	8·9	8·7	2·200	·550	6th	16	0	0	3	0	19	2	1	3	1	6	1	21	18	11	0
August	7·3	8·7	8·0	3·950	·950	25th	15	0	0	0	0	15	4	2	12	0	11	0	9	10	18	0
September	8·2	8·8	8·5	4·400	2·350	21st	11	0	0	1	0	20	3	0	15	2	14	1	13	11	4	0
October	8·3	7·6	8·0	4·550	1·650	13th	18	3	1	0	2	21	10	0	10	1	23	1	3	7	17	0
November	8·7	8·7	8·7	3·400	·550	4th	17	1	2	2	0	24	13	0	0	0	14	0	24	15	7	0
December	8·4	6·8	7·6	1·650	·400	11th	12	3	0	0	2	17	5	0	13	2	5	0	11	24	7	0
Year	8·0	7·9	8·0	34·050	—	—	148	38	11	11	15	223	66	11	105	26	171	6	120	154	137	0

ROTHESAY.

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

1881.	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.	N.W.	Calm.
				ins.	ins.																	
January	—	—	—	0·461	·165	12th	8	3	0	0	—	—	—	3	12	11	4	0	3	4	11	14
February	—	—	—	5·064	·956	6th	16	2	0	0	—	—	—	5	5	16	9	0	4	3	3	11
March	—	—	—	5·870	·855	8th	22	9	0	0	—	—	—	0	1	10	5	1	6	14	14	11
April	—	—	—	1·756	·500	30th	11	1	0	1	—	—	—	1	12	21	7	1	4	6	5	3
May	—	—	—	2·683	·673	17th	15	1	0	1	—	—	—	0	8	10	3	7	8	10	10	6
June	—	—	—	5·418	·743	30th	21	0	1	1	—	—	—	2	4	7	2	9	12	9	11	4
July	—	—	—	5·491	1·040	17th	27	0	0	0	—	—	—	1	0	0	3	6	17	15	15	5
August	—	—	—	4·540	1·236	25th	24	0	0	0	—	—	—	3	3	4	5	5	4	9	19	10
September	—	—	—	3·771	·965	29th	20	0	0	0	—	—	—	3	4	11	7	7	1	7	4	16
October	—	—	—	2·646	·706	13th	12	0	0	1	—	—	—	1	5	13	17	5	1	4	11	5
November	—	—	—	6·849	·670	30th	25	0	1	1	—	—	—	0	0	5	8	8	27	7	2	3
December	—	—	—	5·745	·635	2nd	21	3	0	0	—	—	—	1	2	3	8	5	14	5	12	12
Year	—	—	—	50·294	—	—	222	19	2	5	—	—	—	20	56	111	78	54	101	93	117	100

PINMORE

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

1881.	Mean Pressure.	Air Temperature. 9 a.m.	9 p.m.	Mean.	Means of Min.	Means of Max.	Absolute Min. and Max. Min.	Day.	Max.	Day.	Tension of Vapour. 9 a.m.	9 p.m.	Mean.	Relative Humidity. 9 a.m.	9 p.m.	Mean.
	ins.	°	°	°	°	°	°		°		in.	in.	in.	%	%	%
January	29·937	25·4	26·7	26·1	20·3	38·4	3·5	16th, 17th, 24th	46·2	1st, 2nd	·141	·149	·145	94·3	95·9	95·1
February	·796	33·9	35·3	34·6	29·8	42·6	17·5	12th, 27th	48·2	24th	·181	·189	·185	91·6	90·1	90·9
March	·802	39·6	37·5	38·6	31·9	45·8	17·5	2nd, 26th	58·1	15th	·213	·205	·209	85·5	88·3	86·9
April	29·982	46·4	41·6	44·0	34·0	55·1	18·5	6th	62·1	18th	·230	·222	·226	72·0	81·4	76·7
May	30·041	54·8	48·2	51·5	41·8	62·7	29·5	11th	77·9	27th	·305	·288	·297	71·2	84·8	78·0
June	29·896	56·7	51·0	53·9	44·7	62·6	31·5	9th	75·9	1st	·336	·328	·332	73·7	87·0	80·4
July	·888	57·9	54·1	56·0	49·6	62·9	41·4	16th, 17th	68·0	5th, 14th	·396	·373	·385	82·9	88·3	85·6
August	·766	55·4	51·3	53·4	46·8	60·8	31·5	31st	69·9	4th	·370	·328	·349	84·2	86·5	85·4
September	29·979	54·1	51·9	53·0	45·7	61·1	36·5	1st	65·0	1st, 10th	·360	·343	·352	86·0	88·4	87·2
October	30·021	45·4	43·0	44·2	37·4	52·1	26·5	30th	61·1	2nd	·259	·242	·251	83·5	86·0	84·8
November	29·667	45·9	46·7	46·3	41·6	51·6	25·0	18th	58·1	4th	·283	·283	·283	89·5	87·6	88·6
December	29·832	37·8	38·4	38·1	33·3	44·3	17·5	11th	52·1	2nd, 25th	·211	·214	·213	90·6	91·0	90·8
Year	29·884	46·1	43·8	45·0	38·1	53·3	—	—	—	—	·274	·264	·269	83·8	87·9	85·9

SCALEBY

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

	ins.	°	°	°	°	°	°		°		in.	in.	in.	%	%	%
January	29·921	24·0	26·1	25·1	19·7	33·2	− 7·0	16th	46·5	2nd	·129	·139	·134	88·3	88·7	88·5
February	·806	34·9	35·7	35·3	31·0	40·6	20·0	28th	50·2	4th	·184	·191	·188	89·5	89·9	89·7
March	29·816	38·4	37·8	38·1	31·8	44·1	15·0	2nd	55·0	15th	·203	·203	·203	85·5	86·3	85·9
April	30·000	43·5	40·3	41·9	34·5	50·0	23·0	4th	64·0	13th	·224	·214	·219	76·6	82·9	79·8
May	30·050	53·2	49·3	51·3	41·4	61·3	31·0	10th	77·5	29th	·331	·307	·319	81·9	86·9	84·4
June	29·899	56·7	53·1	54·9	46·2	62·8	31·0	9th	76·0	2nd	·381	·372	·377	82·2	91·0	86·6
July	·883	58·8	55·8	57·3	50·8	64·5	41·0	21st	75·8	5th	·412	·391	·402	83·1	86·9	85·0
August	·741	56·1	53·5	54·8	48·8	62·1	39·0	2nd	72·3	5th	·371	·366	·369	82·2	88·7	85·5
September	29·977	54·3	52·4	53·4	47·4	60·9	38·2	16th	66·0	15th, 20th, 29th	·357	·354	·356	84·5	89·6	87·1
October	30·030	44·6	41·9	43·3	36·8	50·5	20·0	31st	66·3	1st	·251	·237	·244	83·5	86·8	85·2
November	29·710	46·7	47·0	46·9	40·2	52·0	27·5	18th	60·0	8th	·276	·279	·278	84·8	84·9	84·9
December	29·849	38·1	38·0	38·1	33·1	42·1	21·0	23rd	51·2	2nd	·215	·214	·215	91·5	92·0	91·8
Year	29·890	45·8	44·2	45·0	38·5	52·0	—	—	—	—	·278	·272	·275	84·5	87·9	86·2

SEAHAM

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

	ins.	°	°	°	°	°	°		°		in.	in.	in.	%	%	%
January	29·910	31·0	30·5	30·8	25·8	35·3	6·3	26th	46·7	31st	·153	·158	·156	87	93	90
February	·808	36·2	35·4	35·8	31·7	39·1	21·8	27th	49·7	3rd, 4th	·202	·202	·202	94	97	96
March	29·817	40·2	37·3	38·8	32·7	45·6	19·6	3rd	61·7	17th	·205	·203	·204	83	92	88
April	30·009	43·9	40·3	42·1	35·6	47·2	24·4	24th	62·3	29th	·229	·221	·225	80	89	85
May	30·058	53·6	48·0	50·8	41·8	57·7	32·3	11th	70·0	13th	·297	·274	·286	72	83	78
June	29·913	56·4	52·7	54·6	47·2	60·7	36·8	8th, 9th, 10th	73·7	2nd	·335	·322	·329	73	81	77
July	·881	61·3	56·5	58·9	51·5	67·1	43·2	21st	78·7	5th, 14th	·410	·390	·400	76	85	81
August	·740	57·3	53·5	55·4	49·1	61·4	42·8	28th	79·2	5th	·369	·362	·366	79	89	84
September	29·982	54·7	52·6	53·7	48·7	57·5	44·8	16th, 17th, 28th	70·5	18th	·379	·369	·374	89	93	91
October	30·033	47·5	44·5	46·0	40·8	50·3	27·8	31st	59·7	11th	·261	·257	·259	80	88	84
November	29·759	46·9	46·0	46·5	41·2	52·0	29·3	18th	62·7	14th	·286	·276	·281	90	90	90
December	29·847	39·7	39·1	39·4	34·5	43·4	27·8	23rd	50·7	3rd, 29th	·226	·221	·224	92	93	93
Year	29·896	47·4	44·7	46·1	40·1	51·4	—	—	—	—	·279	·271	·275	82·9	89·4	86·2

PINMORE.

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

1881.	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	—	—	—	0·720	·170	30th	12	—	—	—	—	—	—	19	6	15	6	2	7	4	3	0
February	—	—	—	4·990	1·090	7th	17	—	—	—	—	—	—	9	3	21	13	1	6	1	2	0
March	—	—	—	6·350	1·170	23rd	23	—	—	—	—	—	—	11	3	13	5	8	7	8	7	0
April	—	—	—	1·580	·420	30th	11	—	—	—	—	—	—	1	4	21	6	14	0	6	8	0
May	—	—	—	2·460	·630	3rd	11	—	—	—	—	—	—	1	4	2	8	21	5	11	10	0
June	—	—	—	4·560	1·010	4th	17	—	—	—	—	—	—	7	0	1	1	18	6	18	9	0
July	—	—	—	4·510	·730	24th	20	—	—	—	—	—	—	9	0	0	0	11	8	25	9	0
August	—	—	—	3·900	·740	25th	23	—	—	—	—	—	—	12	6	1	3	11	6	12	11	0
September	—	—	—	2·330	·630	17th	17	—	—	—	—	—	—	3	8	5	5	14	11	13	1	0
October	—	—	—	4·210	1·260	13th	15	—	—	—	—	—	—	12	5	9	19	6	2	4	5	0
November	—	—	—	7·780	1·380	30th	24	—	—	—	—	—	—	2	0	0	7	16	11	17	7	0
December	—	—	—	6·480	·920	6th	19	—	—	—	—	—	—	8	3	3	0	7	22	9	10	0
Year	—	—	—	49·870	—	—	209	—	—	—	—	—	—	94	42	91	73	129	91	128	82	0

SCALEBY.

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

				ins.	ins.																	
January	5·9	4·8	5·4	0·950	·620	12th	11	6	0	0	6	8	0	0	16	13	0	2	7	2	0	22
February	7·5	7·7	7·6	3·030	·610	2nd	14	1	0	0	1	14	2	3	10	12	3	1	10	1	1	15
March	7·4	5·5	6·5	2·820	·530	8th	18	6	5	0	5	14	6	0	5	17	4	1	19	7	1	8
April	6·5	6·0	6·3	1·000	·270	30th	12	0	0	0	2	7	0	1	8	28	2	1	4	10	1	5
May	5·8	4·2	5·0	2·250	·430	5th	14	0	0	3	10	9	0	1	7	11	2	3	22	1	0	15
June	7·4	7·2	7·3	4·640	1·840	30th	18	0	0	1	2	13	2	3	1	8	1	3	17	12	1	14
July	8·5	7·4	8·0	3·800	·750	5th	21	0	0	1	0	19	1	0	0	0	0	4	21	22	3	12
August	8·1	7·5	7·8	5·180	1·240	25th	18	0	0	0	0	17	1	2	3	5	0	1	19	15	5	12
September	8·3	7·0	7·7	2·400	·580	21st	15	0	0	0	1	18	1	8	4	10	5	4	5	8	0	16
October	6·0	4·3	5·2	2·540	1·400	13th	16	0	0	0	8	8	6	3	8	20	6	1	11	5	2	8
November	7·8	6·4	7·1	4·390	·700	11th	20	0	1	1	0	12	11	0	5	0	6	4	40	1	0	4
December	7·7	5·3	6·5	2·940	·450	3rd	18	2	1	0	4	13	4	5	3	3	3	5	26	3	1	13
Year	7·2	6·1	6·7	35·940	—	—	195	15	7	6	39	152	34	26	70	127	32	30	201	85	15	144

SEAHAM.

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

				ins.	ins.																	
January	5·3	4·1	4·7	1·085	·260	20th	11	9	2	0	7	4	0	3	6	4	0	1	11	9	9	19
February	8·4	7·1	7·8	3·527	·700	26th	20	16	2	0	1	15	0	2	5	5	9	9	5	4	6	11
March	5·6	5·6	5·6	3·225	1·560	5th	18	10	0	0	7	8	4	4	2	4	7	2	13	15	2	13
April	7·4	7·8	7·6	1·235	·370	11th	11	4	2	2	0	14	0	7	11	9	6	2	4	3	4	14
May	5·1	4·1	4·6	1·557	·840	24th	9	0	1	2	8	4	0	10	1	2	0	7	17	4	2	19
June	6·7	5·9	6·3	1·688	·380	16th	16	0	0	3	2	8	0	9	2	1	5	9	10	7	2	15
July	6·5	5·8	6·2	4·141	1·530	5th	12	0	1	2	1	5	0	6	0	0	1	8	19	16	2	10
August	6·5	6·2	6·4	5·132	·875	25th	17	0	0	4	3	9	1	8	3	1	1	6	11	14	7	11
September	7·9	7·2	7·6	3·898	1·120	21st	18	0	0	0	2	17	0	16	4	4	2	4	4	3	3	20
October	6·6	6·1	6·4	3·078	·442	13th	19	1	2	0	3	11	3	2	9	17	4	4	7	7	7	5
November	5·9	5·4	5·7	1·159	·375	26th	13	1	0	0	3	9	3	0	0	0	6	24	21	3	1	5
December	4·8	4·5	4·7	1·666	·472	16th	17	1	1	0	8	5	1	0	4	2	1	22	16	11	2	4
Year	6·4	5·8	6·1	31·391	—	—	181	42	11	13	45	109	12	67	47	49	42	98	138	96	47	146

DURHAM* - - - - - - - - - -

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

1881.	Mean Pressure.	Air Temperature. 9 a.m.	9 p.m.	Mean.	Means of Min.	Means of Max.	Absolute Min. and Max. Min.	Day.	Max.	Day.	Tension of Vapour. 9 a.m.	9 p.m.	Mean.	Relative Humidity. 9 a.m.	9 p.m.	Mean.
	ins.	°	°	°	°	°	°		°		in.	in.	in.	%	%	%
January - -	29·919	29·9	27·0	28·5	21·7	34·6	0·2	17th	45·2	2nd	·158	·147	·153	91·4	94·3	92·9
February - -	·817	35·4	33·5	34·5	29·9	39·3	21·2	6th	49·1	5th	·194	·183	·189	93·4	93·7	93·6
March - -	29·824	41·1	36·0	38·6	30·9	46·0	17·9	2nd	62·1	17th	·226	·200	·213	86·1	90·6	88·4
April - -	30·005	44·8	38·9	41·9	33·9	49·4	20·6	4th	65·5	13th	·234	·223	·229	77·2	91·5	84·4
May - -	30·058	55·1	45·7	50·4	40·2	60·6	30·0	11th	77·5	30th	·317	·280	·299	74·1	90·0	82·1
June - -	29·904	58·1	50·2	54·2	45·1	65·1	33·5	10th	83·4	2nd	·365	·334	·350	75·4	90·3	82·9
July - -	·880	62·9	55·0	59·0	51·0	69·6	42·5	21st	82·4	5th	·448	·395	·422	77·7	89·8	83·8
August - -	·743	58·5	52·2	55·4	48·4	63·8	41·5	2nd	78·8	5th	·355	·345	·350	73·2	87·8	80·5
September -	29·986	54·6	50·7	52·7	47·2	59·5	39·1	28th	69·4	18th	·363	·344	·354	85·1	92·7	88·9
October - -	30·033	45·9	41·8	43·9	38·4	50·5	22·4	31st	59·8	11th	·254	·245	·250	81·2	90·0	85·6
November -	29·750	46·4	45·1	45·8	40·1	50·9	27·0	18th	60·3	14th	·282	·277	·280	88·1	91·2	89·7
December -	29·858	38·6	37·7	38·2	33·3	42·6	25·0	15th	50·3	29th	·216	·211	·214	91·3	91·6	91·5
Year -	29·898	47·6	42·8	45·2	38·3	52·7	—	—	—	—	·284	·265	·275	82·9	91·1	87·0

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

AYSGARTH, YORKSHIRE - - - - - - - -

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

	ins.	°	°	°	°	°	°		°		in.	in.	in.	%	%	%
January - -	29·940	25·8	27·3	26·6	21·0	32·4	− 2·8	26th	45·0	2nd, 4th	·125	·133	·129	83·1	84·5	83·8
February - -	·828	32·9	33·2	33·1	29·3	37·5	19·7	28th	47·8	3rd	·170	·174	·172	88·8	89·0	88·9
March - -	29·846	36·8	35·9	36·4	30·7	43·0	14·7	2nd	53·8	12th	·188	·187	·188	82·4	84·1	83·3
April - -	30·016	40·8	38·8	39·8	34·5	47·5	22·0	4th	59·0	13th, 28th	·204	·199	·202	77·5	80·8	79·2
May - -	30·071	52·4	47·8	50·1	40·9	59·2	31·4	11th	77·7	31st	·275	·256	·266	70·1	77·0	73·6
June - -	29·921	55·4	50·9	53·2	45·3	61·4	31·6	10th	78·5	2nd	·311	·309	·310	70·3	81·8	76·1
July - -	·908	58·1	54·6	56·4	50·5	65·4	43·5	21st	78·8	5th	·377	·366	·372	77·1	85·0	81·1
August - -	·763	54·8	51·7	53·3	47·7	59·9	39·3	21st	73·3	5th	·337	·332	·335	78·6	85·8	82·2
September -	29·991	52·6	50·0	51·3	45·9	58·0	36·4	17th	65·2	18th	·335	·325	·330	84·4	90·1	87·3
October - -	30·040	43·6	40·8	42·2	37·5	48·0	21·2	31st	57·0	11th	·238	·222	·230	82·6	85·6	84·1
November -	29·777	44·9	45·1	45·0	40·4	50·1	26·2	18th	57·6	8th	·263	·264	·264	86·4	86·7	86·6
December -	29·884	37·6	37·6	37·6	33·4	41·7	19·8	23rd	50·0	2nd	·200	·200	·200	86·8	87·3	87·1
Year ..	29·915	44·6	42·8	43·7	38·1	50·3	—	—	—	—	·252	·247	·250	80·7	84·8	82·8

SCARBOROUGH - - - - - - - - -

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

	ins.	°	°	°	°	°	°		°		in.	in.	in.	%	%	%
January - -	29·914	31·8	32·7	32·3	28·6	35·8	10·5	26th	44·8	4t	·167	·168	·168	88·8	86·2	87·5
February - -	·821	36·7	36·9	36·8	34·3	39·5	29·8	28th	49·5	4th	·201	·204	·203	91·6	92·1	91·9
March - -	29·839	40·4	39·4	39·9	34·9	45·9	22·4	1st	60·8	17th	·222	·224	·223	86·1	90·4	88·3
April - -	30·009	43·9	40·5	42·2	37·8	47·9	31·3	3rd	60·8	29th	·235	·222	·229	81·0	86·3	83·7
May - -	30·076	53·8	49·0	51·4	44·7	58·4	33·5	11th	71·3	13th	·304	·276	·290	73·7	79·5	76·6
June - -	29·928	57·1	54·2	55·7	50·0	62·0	40·5	10th	71·1	2nd	·346	·343	·345	74·0	80·9	77·5
July - -	·906	62·6	59·3	61·0	54·4	68·6	47·3	21st	80·6	14th	·393	·394	·394	69·1	77·7	73·4
August - -	·750	57·8	55·5	56·7	51·2	62·6	45·0	28th	81·0	5th	·370	·372	·371	77·7	84·1	80·9
September -	29·981	54·5	53·5	54·0	50·5	58·8	44·5	17th	68·3	18th	·373	·367	·370	87·9	89·3	88·6
October - -	30·028	47·5	45·8	46·7	42·6	50·3	33·5	31st	60·8	11th	·263	·259	·261	79·4	83·3	81·4
November -	29·808	46·3	46·9	46·6	42·7	51·5	33·5	1st	61·1	14th	·280	·288	·284	88·0	88·5	88·3
December -	29·883	39·0	40·0	39·5	35·9	43·4	29·0	10th	49·4	2nd, 3rd	·217	·226	·222	90·6	90·7	90·7
Year -	29·912	47·6	46·1	46·9	42·3	52·1	—	—	—	—	·281	·279	·280	82·3	85·8	84·1

DURHAM.*

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

1881.	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 - -	6·5	5·6	6·1	0·880	·410	12th	10	8	0	0	6	14	0	4	6	4	2	14	11	1	15	5
February - -	8·2	7·3	7·8	2·763	·550	10th	19	15	2	0	2	18	0	2	6	6	5	13	5	3	12	4
March - -	6·9	6·7	6·8	2·202	·776	5th	17	10	0	0	3	15	0	3	5	1	9	10	10	17	6	1
April - -	8·1	6·9	7·5	0·978	·320	11th	11	2	3	1	1	17	0	9	14	13	3	6	1	3	10	1
May - -	5·4	4·5	5·0	1·253	·608	24th	13	1	1	1	7	9	0	6	14	3	1	13	16	6	2	1
June - -	8·3	5·3	6·8	2·159	·405	17th	18	0	0	3	1	11	0	5	4	2	4	11	14	6	10	4
July - -	7·3	6·5	6·9	3·084	1·220	5th	12	0	0	2	1	13	0	3	2	1	0	12	22	12	8	2
August - -	7·5	7·0	7·3	3·851	·833	25th	15	0	0	3	2	17	0	7	4	2	4	10	11	10	13	1
September -	8·3	7·1	7·7	3·210	·698	21st	17	0	0	0	2	19	0	13	9	2	3	16	5	4	7	1
October - -	7·1	6·5	6·8	3·680	·556	22nd	18	1	2	0	3	15	1	4	7	13	8	8	5	6	9	2
November -	7·0	5·9	6·5	1·758	·349	23rd	16	1	0	0	3	13	3	1	0	0	2	29	22	5	0	1
December -	6·1	4·4	5·3	2·275	·524	11th	18	3	0	0	7	8	0	2	2	1	1	22	18	10	5	1
Year -	7·2	6·1	6·7	28·093	—	—	184	41	8	10	38	169	4	59	73	48	42	164	140	83	97	24

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

AYSGARTH, YORKSHIRE.

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

				ins.	ins.																	
January - -	6·4	5·8	6·1	0·510	·150?	19th	9	9	0	0	3	9	1	10	5	3	0	2	11	8	10	13
February - -	8·5	7·9	8·2	4·560	·990	7th	21	15	1	0	0	17	2	11	9	6	6	2	6	7	1	8
March - -	7·5	5·4	6·5	4·810	1·020	5th	19	11	6	0	4	13	7	4	5	4	2	3	10	19	7	8
April - -	7·4	6·4	6·9	1·180	·210	30th	14	6	2	1	2	14	0	5	15	10	4	2	1	13	4	6
May - -	5·3	3·8	4·6	2·630	·570	17th	12	0	1	1	8	7	1	10	3	6	3	2	15	11	2	10
June - -	7·0	6·5	6·8	2·110	·310	30th	17	1	2	1	2	8	1	6	1	2	5	4	16	12	4	10
July - -	7·8	5·9	6·9	4·120	1·250	5th	15	0	0	2	0	12	0	2	0	0	0	3	30	14	5	8
August - -	7·7	6·3	7·0	6·060	1·770	25th	17	0	0	2	1	14	2	6	3	2	2	4	14	16	7	8
September -	7·8	7·0	7·4	4·040	1·800	21st	16	0	0	0	2	18	0	6	11	2	2	6	8	7	2	16
October - -	6·4	5·9	6·2	4·950	1·360	13th	21	1	1	0	3	8	5	5	11	16	0	2	5	8	7	8
November -	7·6	6·7	7·2	6·180	1·600	27th	22	2	2	2	0	12	7	0	1	2	3	11	31	5	0	7
December -	6·8	5·6	6·2	4·620	·680	16th	23	11	2	0	1	10	1	4	1	1	5	4	16	19	5	7
Year -	7·2	6·1	6·7	45·770	—	—	206	56	17	9	26	142	27	69	65	54	32	45	163	139	54	109

SCARBOROUGH.

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

				ins.	ins.																	
January - -	7·1	5·5	6·3	1·380	·260	15th	17	11	6	0	3	12	2	4	6	5	4	5	15	14	9	0
February - -	8·6	7·7	8·2	3·130	·430	10th	21	13	5	0	1	16	3	8	5	5	9	10	6	7	5	1
March - -	6·3	4·8	5·6	2·940	·920	5th	16	8	1	0	5	11	3	5	3	1	10	7	10	18	8	0
April - -	8·2	6·9	7·6	0·760	·200	11th	13	2	1	0	0	15	0	12	11	15	7	3	4	5	3	0
May - -	5·1	3·8	4·5	1·170	·600	24th	12	0	2	0	9	6	0	14	6	5	4	5	15	12	1	0
June - -	5·8	6·5	6·2	1·260	·150	16th, 20th	16	0	2	2	2	10	0	9	5	1	4	11	14	11	5	0
July - -	6·5	5·6	6·1	3·290	1·290	5th	11	0	0	3	3	10	1	7	2	0	3	3	20	23	4	0
August - -	7·5	5·8	6·7	7·530	2·470	29th	20	0	0	3	1	11	3	6	1	1	7	7	13	22	5	0
September -	7·6	6·6	7·1	4·950	1·820	21st	16	0	0	0	4	17	1	16	8	4	5	7	10	6	2	2
October - -	6·4	5·8	6·1	3·980	·590	13th	21	2	2	0	2	10	5	4	8	17	10	2	8	8	5	0
November -	6·5	5·7	6·1	1·810	·500	26th	18	1	0	1	3	9	3	0	0	0	5	12	29	13	1	0
December -	5·9	5·1	5·5	2·400	·620	20th	17	1	1	0	6	9	1	2	2	2	2	7	27	16	4	0
Year -	6·8	5·8	6·3	34·600	—	—	198	38	20	9	39	136	22	87	57	56	70	79	171	155	52	3

DOUGLAS, ISLE OF MAN

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

1881.	Mean Pressure.	Air Temperature. 9 a.m.	9 p.m.	Mean.	Means of Min.	Means of Max.	Absolute Min. and Max. Min.	Day.	Max.	Day.	Tension of Vapour. 9 a.m.	9 p.m.	Mean.	Relative Humidity. 9 a.m.	9 p.m.	Mean.
	ins.	°	°	°	°	°	°		°		in.	in.	in.	%	%	%
January	29·908	34·1	32·7	33·4	27·4	37·9	12·0	17th	48·6	3rd	·171	·166	·169	83·9	85·5	84·7
February	·785	38·3	38·0	38·2	34·5	42·9	24·3	12th	48·3	10th	·203	·206	·205	86·5	88·2	87·4
March	·828	42·1	39·4	40·8	35·6	45·6	23·8	1st	55·0	15th	·228	·219	·224	83·3	87·4	85·4
April	29·987	44·3	42·7	43·5	38·7	49·3	28·0	21st	57·0	17th	·233	·231	·232	78·6	82·6	80·6
May	30·057	52·9	48·4	50·7	43·2	58·9	32·0	11th	71·8	31st	·306	·288	·297	76·5	84·1	80·3
June	29·910	55·3	51·1	53·2	46·6	59·3	36·0	9th	74·0	2nd	·358	·337	·348	81·2	88·8	85·0
July	·924	57·2	54·1	55·7	50·8	61·9	41·1	28th	67·4	18th	·400	·383	·392	85·4	90·5	88·0
August	·772	55·7	53·0	54·4	48·9	59·9	39·8	31st	65·7	3rd	·384	·371	·378	86·0	91·6	88·8
September	29·978	55·7	52·7	54·2	48·1	59·8	40·3	17th	64·7	9th	·375	·370	·373	84·0	92·6	88·3
October	30·011	48·7	46·3	47·5	42·2	52·4	25·8	31st	61·3	1st	·288	·272	·280	82·8	85·5	84·2
November	29·713	49·0	49·0	49·0	44·7	53·2	30·5	18th	57·2	10th	·319	·314	·317	90·4	89·2	89·8
December	29·861	40·9	41·2	41·1	35·8	46·1	26·3	23rd	52·4	2nd	·244	·246	·245	92·8	92·6	92·7
Year	29·895	47·9	45·7	46·8	41·4	52·3	—	—	—	—	·292	·284	·288	84·3	88·2	86·3

YORK (THE MUSEUM)

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

1881.	Mean Pressure.	Air Temperature. 9 a.m.	9 p.m.	Mean.	Means of Min.	Means of Max.	Absolute Min. and Max. Min.	Day.	Max.	Day.	Tension of Vapour. 9 a.m.	9 p.m.	Mean.	Relative Humidity. 9 a.m.	9 p.m.	Mean.
	ins.	°	°	°	°	°	°		°		in.	in.	in.	%	%	%
January	29·929	27·7	28·6	28·2	22·6	33·9	1·0	15th	47·5	2nd	·145	·148	·147	96	95	96
February	·825	35·4	35·8	35·6	32·1	40·2	21·0	7th	50·0	4th	·192	·199	·196	92	95	94
March	29·860	39·0	39·2	39·1	33·1	47·1	19·0	1st, 2nd	58·0	7th	·207	·212	·210	87	88	88
April	30·010	43·8	41·5	42·7	35·9	51·0	22·4	4th	61·6	28th	·226	·223	·225	78	86	82
May	30·086	54·6	51·0	52·8	43·0	63·3	31·0	11th	79·0	31st	·310	·283	·297	73	76	75
June	29·945	57·3	54·8	56·1	48·2	65·1	37·0	9th	79·0	1st	·341	·340	·341	73	79	76
July	·933	61·6	59·8	60·7	53·4	69·8	44·0	21st	83·3	5th	·406	·409	·408	75	79	77
August	·777	56·7	55·5	56·1	49·7	64·3	43·0	2nd	81·6	5th	·371	·381	·376	81	86	84
September	29·994	54·0	53·3	53·7	48·2	61·9	41·0	28th	68·4	20th	·360	·365	·363	86	90	88
October	30·043	45·5	43·9	44·7	39·7	52·0	27·5	31st	63·0	11th	·252	·249	·251	83	87	85
November	29·827	45·3	46·9	46·1	40·9	52·8	30·3	18th	60·0	14th	·270	·283	·277	89	89	89
December	29·903	36·5	38·2	37·4	32·8	42·6	23·5	23rd	50·0	2nd, 6th, 26th, 27th	·200	·212	·206	93	93	93
Year	29·928	46·5	45·7	46·1	40·0	53·7	—	—	—	—	·273	·275	·274	83·8	86·9	85·4

WAKEFIELD

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

1881.	Mean Pressure.	Air Temperature. 9 a.m.	9 p.m.	Mean.	Means of Min.	Means of Max.	Absolute Min. and Max. Min.	Day.	Max.	Day.	Tension of Vapour. 9 a.m.	9 p.m.	Mean.	Relative Humidity. 9 a.m.	9 p.m.	Mean.
	ins.	°	°	°	°	°	°		°		in.	in.	in.	%	%	%
January	29·930	29·9	30·9	30·4	25·1	35·7	12·1	18th	47·9	2nd	·157	·161	·159	91·8	89·4	90·6
February	·826	36·0	36·3	36·2	32·3	41·1	23·8	7th	53·0	4th	·190	·194	·192	88·3	88·9	88·6
March	29·849	39·6	39·5	39·6	34·2	46·1	19·1	2nd	56·2	7th	·213	·219	·216	85·3	87·8	86·6
April	30·008	43·6	42·2	42·9	36·9	50·7	25·2	4th	64·4	13th	·233	·233	·233	79·9	84·0	82·0
May	30·086	55·0	52·0	53·5	42·5	63·7	28·8	11th	80·8	31st	·351*	·339*	·345*	79·0*	85·4*	82·2*
June	29·941	58·3	55·5	56·9	47·5	64·8	35·0	8th	77·8	1st	·380	·383	·382	78·1	86·6	82·4
July	·939	62·5	60·1	61·3	53·3	70·2	40·5	21st	86·8	5th	·452	·458	·455	79·5	87·5	83·5
August	·781	57·8	55·2	56·5	49·4	64·4	41·0	13th	82·0	5th	·408	·398	·403	84·5	90·2	87·4
September	29·990	54·5	52·2	53·4	47·1	61·3	35·2	29th	69·2	18th	·371	·356	·364	87·2	90·9	89·1
October	30·041	45·2	43·3	44·3	39·5	51·4	25·2	17th	61·0	3rd	·251	·246	·249	81·9	86·6	84·3
November	29·820	47·0	48·0	47·5	42·0	53·9	30·2	18th	62·6	14th	·278	·286	·282	84·5	84·6	84·6
December	29·915	38·1	38·9	38·5	33·6	44·2	22·7	24th	54·0	2nd	·205	·212	·209	87·5	87·8	87·7
Year	29·927	47·3	46·2	46·8	40·3	54·0	—	—	—	—	·291	·290	·291	84·0	87·5	85·8

* Somewhat doubtful, see page 68.

DOUGLAS, ISLE OF MAN.

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

1881.	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	7·0	4·5	5·8	1·330	·240	27th	13	10	0	0	2	7	1	4	7	16	3	1	2	5	3	21
February	7·8	8·3	8·1	7·203	1·210	7th	19	8	3	0	1	19	1	7	8	11	9	1	4	5	5	6
March	6·5	6·5	6·5	4·350	·965	6th	21	6	5	1	3	11	3	6	1	9	7	1	6	19	7	6
April	6·3	6·0	6·2	1·685	·485	30th	13	0	4	0	3	11	0	1	10	22	4	2	4	8	7	2
May	5·1	4·9	5·0	3·000	·640	5th	14	0	0	2	6	7	0	1	5	8	7	7	11	13	7	3
June	6·8	7·1	7·0	4·814	·855	30th	21	0	0	2	2	12	1	6	0	3	9	9	9	9	9	6
July	8·3	7·3	7·8	2·893	·670	5th	20	0	0	1	0	18	1	2	1	0	1	6	21	13	11	7
August	8·1	7·1	7·6	5·471	1·534	25th	21	0	0	1	0	13	8	5	3	3	3	3	8	12	11	14
September	7·4	6·4	6·9	3·335	·953	20th	11	0	0	0	0	13	1	5	11	5	6	5	3	5	6	14
October	6·8	6·6	6·7	3·515	1·450	13th	13	0	4	0	0	11	15	2	6	19	10	3	1	7	9	5
November	7·9	7·6	7·8	5·295	·560	11th	26	0	5	2	0	14	13	0	0	5	7	14	17	8	2	7
December	6·7	5·2	6·0	4·916	1·055	19th	17	1	1	0	4	10	8	6	0	0	3	9	14	12	4	14
Year	7·1	6·5	6·8	47·807	—	—	209	25	22	9	21	146	52	45	52	101	69	61	100	116	81	105

YORK (THE MUSEUM).

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

1881.	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	6·3	5·3	5·8	0·650	·110	21st	13	8	0	0	7	10	0	16	6	6	3	6	8	3	11	3
February	8·3	7·9	8·1	3·800	·980	14th	20	13	0	0	2	18	0	9	4	9	6	13	4	4	7	0
March	6·1	5·2	5·7	2·560	·860	5th	16	10	4	1	6	11	1	7	4	4	9	6	2	24	3	3
April	6·0	6·3	6·2	1·060	·400	11th	14	2	1	1	2	9	0	11	9	16	5	4	1	10	2	2
May	4·6	4·1	4·4	1·250	·490	26th	10	0	1	0	8	5	0	6	6	9	3	7	11	13	5	2
June	5·7	6·0	5·9	2·480	·890	6th	16	0	1	3	2	6	0	7	0	2	3	20	4	20	4	0
July	6·0	5·8	5·9	1·830	·420	5th	14	0	0	4	2	7	0	3	0	1	1	8	13	30	5	1
August	7·4	6·3	6·9	4·510	1·090	23rd	21	0	1	2	1	15	2	3	1	0	4	12	10	23	9	0
September	7·0	7·2	7·1	3·260	1·080	22nd	18	0	0	0	5	17	0	12	6	6	4	14	2	10	4	2
October	5·6	4·8	5·2	2·670	·800	13th	20	1	0	0	7	8	1	11	8	14	4	5	5	7	7	1
November	6·4	6·3	6·4	2·170	·520	26th	20	0	0	2	4	13	0	1	0	0	4	33	9	12	1	0
December	5·2	4·9	5·1	2·430	·390	1st	16	1	0	0	6	7	1	5	0	1	6	24	8	11	5	2
Year	6·2	5·8	6·0	28·670	—	—	198	35	8	13	52	126	5	91	44	68	52	152	77	167	63	16

WAKEFIELD.

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

1881.	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	—	—	—	0·330	·150	27th	6	—	—	—	—	—	—	13	10	6	2	3	3	14	11	0
February	8·8	7·8	8·3	3·820	·970	14th	17	6	0	0	2	21	0	7	11	5	7	4	4	8	10	0
March	7·4	6·3	6·9	3·680	1·200	5th	18	6	0	0	3	12	6	5	4	7	7	5	4	23	7	0
April	8·0	6·5	7·3	1·270	·350	11th	13	0	0	0	0	12	1	9	16	8	5	3	2	11	6	0
May	5·2	3·5	4·4	0·740	·280	26th	11	0	0	0	5	2	0	11	9	4	4	5	9	17	3	0
June	7·1	6·5	6·8	1·530	·430	6th	16	0	0	0	2	11	0	6	1	7	4	11	11	11	9	0
July	6·7	5·7	6·2	2·410	·680	31st	12	0	0	4	2	7	1	4	0	0	2	3	18	28	7	0
August	7·5	6·2	6·9	3·870	·860	25th	21	0	0	0	1	11	3	4	3	5	1	3	15	23	8	0
September	8·2	6·2	7·2	2·940	·920	22nd	18	0	0	1	1	11	0	11	8	4	5	2	7	16	3	4
October	7·2	5·6	6·4	3·260	·950	13th	18	1	0	0	2	7	2	14	8	15	5	2	5	10	3	0
November	7·1	6·4	6·8	2·730	·500	26th	19	1	1	1	2	14	2	0	0	4	9	14	17	14	2	0
December	7·7	6·3	7·0	2·740	·600	19th	20	1	1	0	1	13	1	2	0	4	10	8	11	21	6	0
Year	—	—	—	29·320	—	—	189	—	—	—	—	—	—	86	70	69	61	63	106	196	75	4

LLANDUDNO

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

	1881.	Mean Pressure.	Air Temperature. 9 a.m.	9 p.m.	Mean.	Means of Min.	Means of Max.	Absolute Min. and Max. Min.	Day.	Max.	Day.	Tension of Vapour. 9 a.m.	9 p.m.	Mean.	Relative Humidity. 9 a.m.	9 p.m.	Mean.
AT 32° F.		ins.	°	°	°	°	°	°		°		in.	in.	in.	%	%	%
29·791	January	29·905	34·3	34·3	34·3	29·4	39·2	14·5	26th	48·2	29th	·163	·167	·165	77·2	81·0	79·1
·686	February	·797	39·4	39·8	39·6	36·0	44·7	28·0	25th	53·6	18th	·205	·207	·206	83·4	82·5	83·0
·744	March	·854	42·9	42·0	42·5	37·4	47·5	28·0	31st	56·0	17th	·228	·225	·227	80·9	81·7	81·3
·872	April	29·983	45·6	44·3	45·0	39·0	51·4	27·8	4th	66·0	13th	·239	·229	·234	75·7	77·1	76·4
·959	May	30·068	54·7	51·4	53·1	46·1	58·9	38·0	11th	71·8	31st	·323	·301	·312	75·8	79·2	77·5
·823	June	29·932	58·4	54·7	56·6	50·9	62·4	40·4	8th	72·9	2nd	·363	·345	·354	74·1	79·5	76·8
·850	July	·958	60·6	57·8	59·2	54·3	65·4	47·6	9th	74·8	4th	·412	·403	·408	78·1	83·7	80·9
·690	August	·798	57·4	55·7	56·6	52·5	61·9	45·7	2nd	72·2	4th	·396	·379	·388	84·0	84·9	84·5
·875	September	29·984	56·9	54·8	55·9	51·2	59·9	46·2	16th	64·4	29th	·382	·372	·377	82·4	86·1	84·3
·907	October	30·018	48·0	46·4	47·2	42·4	52·3	30·6	30th	60·0	1st	·267	·254	·261	78·7	79·5	79·1
·654	November	29·763	50·5	50·4	50·5	46·0	55·6	35·3	1st	62·8	8th	·303	·294	·299	81·6	79·9	80·8
29·798	December	29·909	42·8	42·9	42·9	38·2	47·3	30·2	23rd	56·5	6th	·234	·240	·237	84·7	86·1	85·4
29·804	Year	29·914	49·3	47·9	48·6	43·6	53·9	—	—	—	—	·293	·285	·289	79·7	81·8	80·8

BUXTON

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

AT 32° F.		ins.	°	°	°	°	°	°		°		in.	in.	in.	%	%	%
28·843	January	29·974	26·3	26·8	26·6	19·8	33·5	1·2	25th	45·6	4th	·141	·141	·141	93·5	90·6	92·1
·766	February	29·877	33·4	33·3	33·4	28·5	39·5	15·9	7th, 25th	47·3	3rd	·184	·185	·185	95·2	95·9	95·6
·811	March	29·915	37·8	36·3	37·1	30·9	43·7	15·3	1st	52·2	10th, 17th	·208	·200	·204	89·4	90·2	89·8
28·936	April	30·037	41·6	38·5	40·1	34·0	48·6	25·5	4th	59·2	13th	·225	·214	·220	83·4	88·4	85·9
29·059	May	30·140	52·4	47·3	49·9	40·1	60·1	27·7	11th	75·2	31st	·284	·280	·282	72·6	84·9	78·8
28·920	June	29·990	55·2	50·4	52·8	45·1	61·6	34·4	9th	75·4	2nd	·343	·322	·333	78·5	86·7	82·6
·934	July	·995	58·9	55·4	57·2	49·4	66·7	42·0	30th	82·6	5th	·393	·384	·389	78·6	86·6	82·6
·776	August	29·841	54·1	51·3	52·7	47·3	61·0	39·8	2nd	78·2	4th	·362	·344	·353	86·3	90·4	88·4
·960	September	30·036	52·3	48·6	50·5	42·9	58·8	31·3	17th	67·6	16th, 18th	·345	·318	·332	87·5	92·5	90·0
·969	October	30·068	42·8	40·1	41·5	36·1	47·7	26·0	16th, 17th	55·2	11th, 14th	·237	·223	·230	85·3	88·6	87·0
·786	November	29·870	44·8	44·5	44·7	38·8	50·3	28·5	1st	58·1	13th	·278	·272	·275	91·7	91·4	91·6
28·857	December	29·966	35·6	35·7	35·7	30·9	41·1	17·4	24th	51·2	27th	·199	·196	·198	93·9	92·3	93·1
28·885	Year	29·976	44·6	42·4	43·5	37·0	51·1	—	—	—	—	·267	·257	·262	86·3	89·9	88·1

CHEADLE, STAFFORD

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

AT 32° F.		ins.	°	°	°	°	°	°		°		in.	in.	in.	%	%	%
29·190	January	29·923	27·2	28·9	28·1	24·2	33·7	9·9	25th	45·0	31st	·125	·145	·135	84	91	88
·108	February	·829	34·3	34·8	34·5	31·6	40·0	22·1	28th	48·6	10th	·186	·189	·188	94	94	94
·161	March	·877	38·7	38·0	38·4	33·1	46·0	21·0	1st	57·9	11th	·204	·201	·203	87	88	88
·269	April	29·984	42·0	40·3	41·2	35·7	51·0	25·3	21st	59·4	13th	·214	·202	·208	80	81	81
·386	May	30·088	52·0	49·7	50·9	42·6	61·0	33·1	11th	74·0	31st	·285	·265	·275	73	74	74
·260	June	29·955	55·0	52·7	53·9	47·0	61·9	36·8	9th	75·1	1st	·327	·324	·326	76	81	79
·285	July	·974	58·7	56·9	57·8	50·8	67·4	44·2	28th	81·8	5th	·394	·396	·395	80	85	83
·121	August	·813	54·6	53·1	53·9	47·9	61·3	41·3	31st	77·8	5th	·365	·357	·361	85	88	87
·296	September	29·996	52·3	51·1	51·7	47·0	59·8	39·6	2nd	66·4	18th	·355	·334	·345	90	89	90
·318	October	30·031	43·1	42·0	42·6	38·7	49·6	28·7	16th	58·9	2nd, 3rd	·235	·231	·233	85	87	86
·162	November	29·868	44·8	44·9	44·9	40·4	51·1	29·8	1st	60·7	13th	·278	·274	·276	94	92	93
29·231	December	29·952	35·9	36·6	36·3	31·8	41·7	22·5	24th	50·3	2nd	·199	·200	·200	94	92	93
29·232	Year	29·941	44·9	44·1	44·5	39·2	52·0	—	—	—	—	·264	·260	·262	85·2	86·8	86·0

LLANDUDNO.

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

1881.	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	5·6	6·0	5·8	1·791	·620	15th	10	9	0	0	7	14	2	4	1	14	3	12	8	17	3	0
February	7·4	6·3	6·9	3·053	·677	7th	15	5	1	0	4	14	5	4	2	12	8	8	7	12	3	0
March	7·2	5·4	6·3	2·131	·420	8th	17	6	3	0	6	15	1	5	5	8	6	3	2	29	4	0
April	5·6	5·8	5·7	0·942	·430	11th	8	2	1	0	8	13	5	3	4	23	7	3	2	14	4	0
May	4·7	4·2	4·5	3·736	1·615	26th	13	0	0	2	11	6	1	5	7	11	1	2	8	21	7	0
June	6·2	6·8	6·5	2·994	1·017	4th	19	0	1	1	3	12	1	13	2	3	3	4	9	24	2	0
July	7·0	5·1	6·1	3·407	1·800	5th	12	0	0	1	3	8	1	9	0	0	1	3	7	39	3	0
August	8·3	5·4	6·9	4·919	·870	29th	20	0	0	3	3	15	2	1	1	8	0	2	4	38	8	0
September	7·4	5·9	6·7	0·981	·230	17th	13	0	0	0	2	14	0	7	5	15	1	6	6	17	3	0
October	7·2	5·2	6·2	2·417	1·000	13th	13	0	4	0	7	15	8	4	2	15	19	4	5	12	1	0
November	6·9	6·1	6·5	3·060	·630	30th	16	0	3	1	2	12	5	1	0	0	2	9	14	33	1	0
December	6·5	5·4	6·0	2·545	·750	3rd	18	1	1	0	4	10	0	4	3	1	0	0	9	41	4	0
Year	6·7	5·6	6·2	31·976	—	—	174	23	14	8	60	148	31	60	32	110	51	56	81	297	43	0

BUXTON.

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

				ins.	ins.																	
January	6·3	5·8	6·1	0·570	·220	18th	6	9	0	0	3	10	1	4	4	9	12	0	3	6	20	4
February	8·4	7·4	7·9	9·075	1·870	7th	16	17	1	0	2	16	1	0	6	4	16	0	9	6	14	1
March	7·4	6·8	7·1	7·135	1·560	8th	16	13	2	1	2	14	1	0	6	2	15	0	2	7	29	1
April	7·6	5·4	6·5	1·930	·720	14th	10	1	3	2	0	11	0	1	7	10	17	0	8	3	14	0
May	6·0	4·4	5·2	4·175	1·070	17th	14	0	1	3	4	7	0	0	1	13	8	1	7	11	21	0
June	7·0	6·6	6·8	3·090	·480	21st	15	0	1	1	0	9	0	0	2	2	5	2	15	9	25	0
July	7·3	6·1	6·7	3·605	1·020	31st	13	0	1	4	0	10	0	0	1	0	0	0	9	12	38	2
August	8·4	6·0	7·2	6·860	1·085	8th	22	0	0	3	1	12	0	0	5	0	6	0	9	6	36	0
September	7·7	6·4	7·1	2·350	·520	24th	16	0	0	2	2	15	0	1	18	1	9	0	11	2	17	1
October	7·4	6·1	6·8	6·035	1·600	13th	17	4	3	0	1	9	2	1	7	10	22	0	1	4	17	0
November	7·7	6·1	6·9	6·600	·935	16th	22	2	1	2	1	10	0	0	0	0	6	0	33	7	13	1
December	7·5	6·2	6·9	6·060	1·020	16th	16	9	1	0	0	11	0	0	5	0	4	0	23	5	25	0
Year	7·4	6·1	6·8	57·485	—	—	183	55	14	18	16	134	5	7	62	51	120	3	130	78	269	10

CHEADLE, STAFFORD.

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

				ins.	ins.																	
January	5·6	5·5	5·6	0·390	·100	29th	8	7	0	0	8	12	3	11	3	14	4	2	2	5	6	15
February	7·7	7·3	7·5	5·390	1·090	7th	17	11	2	0	1	16	1	7	8	10	7	4	4	3	6	7
March	6·4	5·3	5·9	3·310	·780	5th	18	7	2	2	6	12	7	5	4	13	5	2	3	15	9	6
April	7·6	5·1	6·4	1·120	·320	14th	10	3	4	1	1	9	6	6	7	21	6	2	3	0	13	2
May	6·2	4·1	5·2	2·010	·400	17th	16	0	1	1	7	8	2	6	5	15	0	3	15	7	7	4
June	6·5	6·4	6·5	2·400	·290	22nd	20	0	2	3	0	8	0	11	1	0	10	11	6	5	12	4
July	7·3	6·1	6·7	2·160	·800	26th	14	0	0	5	1	11	1	4	1	1	1	5	13	18	14	5
August	8·1	6·3	7·2	5·810	·880	29th	21	0	0	6	1	12	3	3	0	4	5	3	12	12	15	8
September	7·4	6·2	6·8	1·810	·580	24th	14	0	0	1	4	16	0	15	8	4	6	1	5	3	11	7
October	6·6	5·7	6·2	3·500	1·000	13th	12	2	1	1	5	12	6	11	9	18	7	0	4	6	7	0
November	7·3	6·6	7·0	3·540	·540	16th	20	2	1	0	2	13	6	0	0	7	8	15	16	10	2	2
December	6·9	5·6	6·3	2·960	·750	17th	17	5	0	0	5	15	2	3	3	1	8	13	10	13	7	4
Year	7·0	5·9	6·4	34·400	—	—	187	37	13	20	41	144	37	82	49	108	67	61	93	97	109	64

HILLINGTON, NORFOLK

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

	1881.	Mean Pressure.	Air Temperature. 9 a.m.	9 p.m.	Mean.	Means of Min.	Means of Max.	Absolute Min. and Max. Min.	Day.	Max.	Day.	Tension of Vapour. 9 a.m.	9 p.m.	Mean.	Relative Humidity. 9 a.m.	9 p.m.	Mean.
		ins.	°	°	°	°	°	°		°		in.	in.	in.	%	%	%
29.793	January	29·899	28·1	29·0	28·6	22·6	34·9	1·3	26th	46·5	31st	·148	·158	·153	90·8	93·2	92·0
·721	February	·825	36·1	36·4	36·3	32·9	41·7	24·9	7th	50·0	3rd	·196	·201	·199	91·4	92·3	91·9
·773	March	·877	41·5	38·2	39·9	33·1	48·6	23·0	27th	59·7	11th	·226	·209	·218	83·7	87·5	85·6
·868	April	29·972	46·8	41·4	44·1	36·8	52·9	27·9	4th	65·2	11th	·256	·235	·246	78·3	86·8	82·6
·988	May	30·089	56·9	48·4	52·7	41·4	64·3	26·1	4th	81·3	31st	·317	·288	·303	68·2	83·9	76·1
·860	June	29·960	60·7	53·8	57·3	47·4	67·1	36·7	11th	78·9	2nd	·379	·355	·367	71·0	85·1	78·1
·864	July	·964	65·3	60·0	62·7	52·6	74·0	38·8	28th	89·5	15th	·426	·434	·430	68·0	83·0	75·5
·704	August	·803	58·4	54·9	56·7	49·0	66·1	37·3	28th	84·4	5th	·389	·385	·387	80·1	89·1	84·6
·880	September	29·982	55·9	51·9	53·9	47·8	62·4	38·1	29th	74·7	18th	·400	·368	·384	89·5	95·0	92·3
·916	October	30·018	46·6	42·7	44·7	38·6	51·7	25·1	17th	61·5	1st	·267	·253	·260	83·8	91·6	87·7
·812	November	29·915	46·4	45·7	46·1	41·0	52·5	30·5	1st	59·9	4th	·293	·291	·292	91·5	93·0	92·3
29·853	December	29·958	37·1	37·1	37·1	33·0	41·9	19·6	24th	50·7	2nd	·209	·207	·208	93·4	92·9	93·2
29·836	Year	29·939	48·3	45·0	46·7	39·7	54·8	—	—	—	—	·292	·282	·287	82·5	89·5	86·0

LEICESTER

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

	January	29·916	28·2	29·8	29·0	24·0	34·5	5·2	15th	47·0	31st	·139	·152	·146	90	91	91
	February	·826	37·1	37·2	37·2	33·7	41·7	25·3	7th	51·0	3rd	·201	·210	·206	91	94	93
	March	·887	41·7	40·7	41·2	35·1	48·6	22·8	1st	59·7	11th	·209	·222	·216	80	88	84
	April	29·980	45·8	43·5	44·7	36·6	53·7	24·0	4th	69·3	17th	·235	·229	·232	76	81	79
	May	30·094	54·7	53·4	54·1	43·5	63·6	29·1	11th	77·9	31st	·304	·297	·301	71	73	72
	June	29·962	59·3	56·2	57·8	48·7	65·5	36·2	7th	79·0	1st	·369	·355	·362	73	78	76
	July	·967	63·7	62·0	62·9	53·5	72·6	43·0	28th	87·0	15th	·412	·396	·404	69	72	71
	August	·804	58·5	56·5	57·5	49·5	65·5	41·0	28th	82·0	5th	·368	·381	·375	75	83	79
	September	29·977	54·9	53·0	54·0	47·9	62·7	37·5	17th, 29th	73·6	18th	·345	·352	·349	81	87	84
	October	30·021	46·3	43·6	45·0	39·2	51·9	26·5	17th	62·3	2nd	·254	·236	·245	81	83	82
	November	29·873	47·3	47·6	47·5	41·8	53·4	31·0	1st, 18th	60·2	13th	·287	·293	·290	89	90	90
	December	29·948	37·8	37·9	37·9	32·4	43·3	21·5	25th	52·2	3rd	·206	·207	·207	91	91	91
	Year	29·938	47·9	46·8	47·4	40·5	54·8	—	—	—	—	·277	·278	·278	80·6	84·3	82·5

UPPINGHAM

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

29·356	January	29·917	27·4	29·3	28·4	24·8	34·3	9·5	16th	46·0	31st	·143	·155	·149	90·1	91·2	90·7
·280	February	·831	35·2	35·1	35·2	32·1	40·1	26·1	28th	48·7	4th	·186	·190	·188	88·4	91·1	89·8
·340	March	·886	40·1	38·2	39·2	33·7	47·8	22·4	1st	58·6	11th	·215	·209	·212	84·6	87·5	86·1
·437	April	29·980	44·7	40·5	42·6	35·5	52·7	24·5	4th	62·4	17th	·258	·234	·246	85·6	89·5	87·6
·562	May	30·096	55·3	49·6	52·5	42·5	65·0	31·4	4th	81·9	31st	·333	·298	·316	75·5	82·6	79·1
·430	June	29·957	58·9	53·9	56·4	48·1	66·2	35·3	9th	84·6	3rd	·388	·357	·373	77·6	85·0	81·3
·448	July	·969	63·5	59·8	61·7	52·8	72·3	42·6	28th	88·6	5th	·446	·427	·437	75·5	81·7	78·6
·285	August	·810	57·0	54·4	55·7	48·6	64·3	41·1	28th	80·2	5th	·393	·383	·388	84·5	89·6	87·1
·453	September	29·985	53·9	51·5	52·7	48·1	61·7	42·3	17th	73·4	18th	·383	·359	·371	91·6	93·9	92·8
·488	October	30·032	44·6	41·4	43·0	38·7	50·4	30·2	30th	62·7	2nd	·264	·243	254	88·2	91·9	90·1
·361	November	29·899	45·6	45·3	45·5	40·5	51·4	30·1	1st	58·7	4th	·292	·291	·292	93·4	94·4	93·9
29·412	December	29·962	36·4	36·7	36·6	32·5	41·8	21·8	24th	50·5	2nd	·207	·213	·210	94·7	96·0	95·4
	Year	29·944	46·9	44·6	45·8	39·8	54·0	—	—	—	—	·292	·280	·286	85·8	89·5	87·7

HILLINGTON, NORFOLK.

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

1881.	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.	N.W.	Calm.
				ins.	ins.																	
January	7·7	7·0	7·4	1·184	·230	12th	21	11	1	0	4	19	1	1	10	4	10	9	16	0	12	0
February	9·2	9·2	9·2	2·932	·728	9th	22	10	3	0	0	22	0	5	6	7	12	7	8	1	10	0
March	7·1	6·5	6·8	2·056	·472	5th	14	6	1	0	3	12	5	1	6	3	14	4	8	10	16	0
April	7·0	5·5	6·3	1·219	·351	14th	14	4	2	1	3	9	1	7	13	12	8	4	8	5	3	0
May	6·4	5·2	5·8	0·599	·210	17th	9	0	1	4	6	11	0	6	17	8	5	2	12	7	4	1
June	7·6	7·0	7·3	2·191	·880	5th	12	0	0	2	1	15	0	6	8	4	3	6	17	5	11	0
July	7·0	7·5	7·3	2·125	·880	6th	12	0	0	4	0	12	0	3	3	1	2	4	27	12	9	1
August	8·4	7·2	7·8	4·039	·668	8th	24	0	1	3	0	17	2	4	2	0	2	6	15	12	21	0
September	8·0	5·2	6·6	3·000	·648	6th	20	0	0	1	0	8	0	9	3	10	5	12	10	7	4	0
October	6·5	5·4	6·0	2·445	·705	13th	20	0	1	0	2	7	1	3	18	11	13	0	5	8	4	0
November	7·2	6·4	6·8	2·407	·488	24th	18	1	0	0	3	14	3	0	0	0	7	13	35	5	0	0
December	8·0	6·2	7·1	2·770	·720	17th	28	0	0	0	4	16	1	2	1	2	4	11	31	2	9	0
Year	7·5	6·5	7·0	26·967	—	—	214	32	10	15	26	162	14	47	87	62	85	78	192	74	103	2

LEICESTER.

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

				ins.	ins.																	
January	7·7	7·1	7·4	0·590	·180	18th	10	4	0	0	2	18	0	8	25	2	1	4	15	2	1	4
February	8·7	8·5	8·6	3·630	·670	7th	18	7	1	0	1	22	1	4	18	2	1	9	16	2	2	2
March	7·1	5·0	6·1	1·430	·450	5th	13	7	1	0	4	10	5	1	10	1	12	3	15	6	11	3
April	7·0	6·4	6·7	1·500	·850	14th	11	0	0	2	4	13	2	4	27	1	7	0	6	9	3	3
May	6·4	4·8	5·6	0·980	·280	17th	7	0	0	0	6	9	0	7	16	1	4	2	22	1	4	5
June	7·3	6·2	6·8	2·590	·670	6th	16	1	1	1	2	11	0	2	8	1	4	5	21	5	7	7
July	7·0	4·6	5·8	1·360	·400	5th	13	0	0	1	2	9	0	2	1	0	0	6	18	12	15	8
August	7·6	6·9	7·3	5·180	1·360	8th	19	0	0	2	2	15	0	1	3	0	3	5	24	8	10	8
September	7·3	5·3	6·3	2·400	·660	24th	18	0	0	1	3	10	0	7	13	0	5	3	11	0	8	13
October	7·1	5·4	6·3	2·810	1·010	13th	16	0	1	0	6	13	1	3	25	3	6	4	15	0	4	2
November	7·2	6·2	6·7	2·350	·440	26th	20	1	0	0	6	16	2	0	0	0	5	3	49	0	1	2
December	7·0	6·2	6·6	2·760	·800	17th	17	0	0	0	2	11	1	0	3	0	3	3	38	4	6	5
Year	7·3	6·1	6·7	27·580	—	—	178	20	4	7	40	157	12	39	149	11	51	47	250	49	72	62

UPPINGHAM.

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

				ins.	ins.																	
January	6·8	7·0	6·9	0·465	·121	29th	12	10	0	0	5	16	1	9	9	6	1	5	6	12	7	7
February	8·8	8·3	8·6	2·806	·610	14th	18	11	2	0	1	19	4	10	8	2	3	10	7	3	7	6
March	7·2	6·3	6·8	1·415	·471	5th	12	7	1	0	5	14	3	2	1	7	8	2	8	18	10	6
April	7·6	5·5	6·6	0·966	·502	14th	11	2	0	0	2	10	0	4	17	9	6	1	6	6	6	5
May	6·8	4·8	5·8	0·921	·318	26th	9	0	0	1	6	11	1	6	12	5	2	8	10	6	5	8
June	7·1	7·0	7·1	1·796	·647	5th	14	0	0	2	2	10	1	7	3	3	0	12	9	14	5	7
July	6·8	5·9	6·4	2·500	1·160	6th	13	0	0	3	2	10	0	4	1	0	1	3	17	24	8	4
August	8·3	6·6	7·5	5·067	1·514	23rd	20	0	0	2	1	16	2	4	1	0	1	7	9	26	7	7
September	8·6	6·4	7·5	2·282	·610	24th	15	0	0	1	2	16	0	11	6	2	2	5	5	7	6	16
October	6·7	6·5	6·6	3·410	1·171	13th	19	2	0	0	1	13	2	11	13	10	6	4	4	8	5	1
November	7·0	6·2	6·6	2·446	·619	25th	18	1	0	0	6	16	4	0	0	1	6	21	20	10	1	1
December	6·7	5·2	6·0	2·666	·773	17th	16	2	0	0	5	9	3	6	1	0	1	13	13	20	3	5
Year	7·4	6·3	6·9	26·740	—	—	177	35	3	9	38	160	21	74	72	45	37	91	114	154	70	73

OSCOTT

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

1881.	Mean Pressure.	Air Temperature. 9 a.m.	9 p.m.	Mean.	Means of Min.	Means of Max.	Absolute Min. and Max. Min.	Day.	Max	Day.	Tension of Vapour. 9 a.m.	9 p.m.	Mean.	Relative Humidity. 9 a.m.	9 p.m.	Mean.
	ins.	°	°	°	°	°	°		°		in.	in.	in.	%	%	%
January	29·930	27·1	28·6	27·9	23·9	34·9	7·6	25th	48·0	31st	·145	·155	·150	93·3	92·9	93·1
February	·839	35·4	36·1	35·8	32·4	41·9	22·8	24th	51·2	18th	·196	·202	·199	92·1	92·4	92·3
March	·895	40·5	39·7	40·1	34·2	48·6	21·8	1st	60·1	17th	·215	·217	·216	83·2	85·3	84·3
April	29·988	43·8	41·9	42·9	35·9	53·1	25·0	4th	60·6	13th, 28th	·236	·228	·232	80·8	82·6	81·7
May	30·101	53·7	51·3	52·5	43·3	63·0	32·6	11th	76·5	31st	·312	·291	·302	75·2	75·9	75·6
June	29·966	57·7	53·9	55·8	48·0	64·6	36·8	9th	77·2	1st	·368	·353	·361	76·7	84·1	80·4
July	—	61·9	—	—	51·9	71·9	44·1	28th	86·8	5th	·424	—	—	76·1	—	—
August	—	56·2	—	—	48·6	64·9	42·1	28th	82·3	6th	·385	—	—	84·9	—	—
September	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
October	30·037	44·4	42·6	43·5	39·0	51·5	28·4	30th	61·8	2nd	·266	·257	·262	89·4	93·0	91·2
November	29·885	46·4	46·2	46·3	41·4	52·8	30·6	1st	61·7	13th	·294	·290	·292	91·9	91·2	91·6
December	29·967	36·4	37·0	36·7	31·8	42·7	19·9	10th	52·3	27th	·206	·212	·209	93·8	94·3	94·1
Year	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

NOTE.—Returns for July, August, and September are incomplete.

CHURCHSTOKE

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

AT 32° F.

	1881.	Mean Pressure.	9 a.m.	9 p.m.	Mean.	Means of Min.	Means of Max.	Absolute Min. Min.	Day.	Max	Day.	9 a.m.	9 p.m.	Mean.	9 a.m.	9 p.m.	Mean.
		ins.	°	°	°	°	°	°		°		in.	in.	in.	%	%	%
29·311	January	29·941	25·5	27·5	26·5	21·5	33·6	−1·0	26th	48·5	31st	·140	·153	·147	95·2	96·0	95·6
·223	February	·838	36·0	36·5	36·3	32·0	42·6	21·2	28th	51·9	15th	·199	·198	·199	92·0	89·3	90·7
·278	March	29·889	40·5	39·8	40·2	33·5	47·4	16·3	1st	58·0	17th	·216	·217	·217	83·7	84·7	84·2
·393	April	30·002	43·4	41·8	42·6	35·7	52·4	24·4	4th	64·4	13th	·226	·220	·223	78·2	80·2	79·2
·511	May	30·112	52·9	49·4	51·2	41·2	62·3	29·8	11th	76·7	31st	·301	·285	·293	75·2	80·3	77·8
·377	June	29·971	55·8	52·3	54·1	45·8	63·2	33·2	9th	76·0	1st, 2nd	·348	·330	·339	77·8	83·5	80·7
·405	July	·995	60·1	56·7	58·4	50·7	68·4	40·8	21st	83·3	5th	·401	·389	·395	77·2	83·8	80·5
·243	August	·834	56·3	52·7	54·5	48·0	63·3	38·1	2nd	75·1	5th	·373	·344	·359	81·9	86·1	84·0
·402	September	29·999	53·0	51·1	52·1	45·3	60·4	36·7	16th	65·3	18th	·355	·346	·351	87·9	91·6	89·8
·436	October	30·046	43·8	42·3	43·1	37·6	50·2	23·5	31st	59·5	11th	·253	·239	·246	87·2	87·1	87·2
·256	November	29·857	47·6	46·9	47·3	41·4	52·9	31·5	18th	61·7	13th	·291	·286	·289	86·9	87·9	87·4
29·351	December	29·966	37·3	38·0	37·7	32·6	44·0	22·1	23rd	53·3	27th	·204	·206	·205	89·9	88·8	89·4
	Year	29·954	46·0	44·6	45·3	38·8	53·4	—	—	—	—	·276	·268	·272	84·4	86·6	85·5

GELDESTON (BECCLES)

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

1881.	Mean Pressure.	9 a.m.	9 p.m.	Mean.	Means of Min.	Means of Max.	Absolute Min. Min.	Day.	Max	Day.	9 a.m.	9 p.m.	Mean.	9 a.m.	9 p.m.	Mean.
	ins.	°	°	°	°	°	°		°		in.	in.	in.	%	%	%
January	29·895	28·4	30·9	29·7	24·4	36·4	3·5	26th	49·1	31st	·150	·168	·159	91·1	93·5	92·3
February	·823	36·8	36·7	36·8	32·9	41·7	23·6	28th	49·0	10th	·200	·200	·200	90·1	90·6	90·4
March	·883	41·7	40·0	40·9	34·7	48·6	22·6	1st	60·8	16th	·220	·212	·216	81·5	82·7	82·1
April	29·968	46·2	41·9	44·1	37·7	50·5	28·9	21st	61·8	29th	·239	·227	·233	74·8	83·7	79·3
May	30·097	56·0	49·7	52·9	43·1	61·5	29·8	4th	78·1	31st	·301	·300	·301	66·0	83·1	74·6
June	29·973	60·4	54·6	57·5	47·9	65·8	37·2	9th	78·1	4th	·369	·353	·361	69·7	82·6	76·2
July	·975	66·4	61·8	64·1	53·7	73·9	42·8	22nd	91·2	15th	·414	·430	·422	63·8	76·8	70·3
August	·818	59·4	56·9	58·2	51·0	66·2	41·0	28th	81·4	5th	·381	·401	·391	75·3	85·8	80·6
September	29·976	56·8	54·0	55·4	49·6	62·5	36·8	30th	69·7	18th	·411	·387	·399	88·9	92·3	90·6
October	30·007	46·9	45·2	46·1	41·3	51·4	30·0	17th	59·9	11th	·256	·254	·255	79·6	83·6	81·6
November	29·946	47·8	47·3	47·6	42·8	52·9	32·2	1st	60·6	4th	·301	·300	·301	89·3	90·2	89·8
December	29·976	38·0	38·5	38·3	34·7	43·2	22·7	24th	50·7	2nd	·218	·217	·218	94·1	92·4	93·3
Year	29·945	48·7	46·5	47·6	41·2	54·6	—	—	—	—	·288	·287	·288	80·4	86·4	83·4

OSCOTT.

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

1881.	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	0·650	·180	18th	10	10	0	0	4	17	1	9	8	8	5	6	3	5	6	12
February	7·9	8·5	8·2	2·800	·390	9th	17	8	0	0	2	20	2	7	10	6	7	8	3	5	2	8
March	6·3	4·9	5·6	2·320	·620	5th	13	9	1	0	7	10	2	3	5	10	3	7	6	16	3	9
April	7·0	5·5	6·3	0·710	·340	11th	8	1	0	0	1	10	1	6	18	14	0	5	2	7	6	2
May	6·2	4·2	5·2	1·000	·300	17th	15	0	0	2	6	7	1	8	10	5	1	8	13	4	7	6
June	7·1	6·1	6·6	1·870	·260	17th	16	0	0	2	1	8	0	10	3	2	4	12	11	5	8	5
July	6·4	—	—	1·350	·400	5th	9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
August	—	—	—	4·150	·830	22nd	13	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
September	—	—	—	1·280	·420	24th	9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
October	6·9	4·9	5·9	2·900	·810	13th	11	1	0	0	5	10	1	9	15	15	3	2	6	8	1	3
November	7·2	6·1	6·7	2·160	·330	26th	13	1	0	0	4	11	0	0	0	3	9	27	16	1	0	4
December	7·0	6·1	6·6	2·530	·760	17th	11	2	1	0	1	12	0	2	3	2	4	20	14	6	3	8
Year	—	—	—	23·720	—	—	145	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

NOTE.—Returns for July, August, and September are incomplete.

CHURCHSTOKE.

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

1881.	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	5·5	5·8	5·7	0·775	·428	18th	8	10	0	0	9	13	1	4	4	8	9	3	7	8	7	12
February	7·8	7·2	7·5	4·286	1·063	9th	16	10	2	0	1	16	2	4	8	5	10	2	7	7	8	5
March	6·7	5·2	6·0	2·069	·465	5th	12	5	3	2	5	11	4	1	5	6	11	3	9	8	16	3
April	7·7	6·9	7·3	0·961	·289	11th	8	1	0	0	1	14	2	0	20	7	7	0	7	7	9	3
May	5·6	4·2	4·9	1·601	·353	29th	15	0	0	2	10	9	1	6	4	4	6	0	17	13	4	8
June	7·5	6·5	7·0	1·744	·254	24th	19	0	1	4	2	10	1	4	1	0	4	10	16	12	9	4
July	7·5	6·3	6·9	1·106	·220	5th	12	0	0	2	3	12	2	1	0	1	2	1	18	25	11	3
August	8·5	5·5	7·0	3·649	·515	16th	21	0	0	2	1	12	1	1	1	1	4	2	12	14	18	9
September	7·4	6·2	6·8	1·916	·595	20th	14	0	0	0	3	13	0	6	5	7	5	3	8	8	10	8
October	7·1	6·1	6·6	3·124	1·005	22nd	15	4	1	0	2	12	3	6	10	9	10	1	3	5	9	9
November	6·6	6·7	6·7	3·661	·626	30th	21	2	2	1	1	11	5	0	0	2	11	5	30	10	2	0
December	6·8	5·7	6·3	3·688	1·696	16th	17	3	0	0	5	12	2	3	5	2	6	2	13	19	9	3
Year	7·1	6·0	6·6	28·580	—	—	178	35	9	13	43	145	24	36	63	52	85	32	147	136	112	67

GELDESTON (BECCLES).

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

1881.	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	6·6	6·2	6·4	1·060	·180	13th	18	10	2	0	4	13	3	5	9	9	2	6	4	13	10	4
February	8·5	9·0	8·8	2·860	·530	9th	22	9	6	0	0	20	2	7	9	6	6	7	6	6	9	0
March	7·2	4·4	5·8	1·540	·530	5th	13	7	5	0	5	10	3	3	5	11	5	2	8	21	6	1
April	6·8	6·0	6·4	1·090	·240	14th	14	2	6	1	4	12	1	5	13	18	5	6	4	5	4	0
May	5·0	5·1	5·1	1·010	·320	18th	11	0	0	3	8	9	1	8	14	11	1	3	12	10	3	0
June	6·3	6·0	6·2	1·690	·700	5th	11	0	2	2	3	9	0	10	5	5	6	7	12	9	4	2
July	6·2	5·1	5·7	1·070	·250	31st	11	0	1	4	5	11	1	3	2	3	2	6	15	15	8	8
August	7·2	4·9	6·1	3·870	1·250	29th	19	0	0	0	3	9	1	4	1	3	1	8	11	20	5	9
September	7·7	4·4	6·1	2·460	·490	22nd	25	0	0	3	5	11	0	12	5	3	3	4	4	6	4	19
October	6·5	6·5	6·5	3·330	·800	13th	23	2	3	0	5	14	2	3	11	21	2	0	3	12	7	3
November	7·4	5·5	6·5	1·360	·330	26th	18	0	1	0	3	14	6	0	0	1	7	9	25	10	1	7
December	7·4	5·8	6·6	2·950	·930	17th	21	1	0	0	6	16	4	2	1	1	3	11	14	17	3	10
Year	6·9	5·7	6·3	24·290	—	—	206	31	26	13	51	148	24	62	75	92	43	69	118	144	64	63

CHELTENHAM

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

1881.	Mean Pressure.	Air Temperature. 9 a.m.	9 p.m.	Mean.	Means of Min.	Means of Max.	Absolute Min. and Max. Min.	Day.	Max.	Day.	Tension of Vapour. 9 a.m.	9 p.m.	Mean.	Relative Humidity. 9 a.m.	9 p.m.	Mean.
	ins.	°	°	°	°	°	°		°		in.	in.	in.	%	%	%
January	—	27·2	29·1	28·2	20·7	34·4	−3·3	20th	48·0	31st	·146	·156	·151	89·9	89·2	89·6
February	29·826	38·0	37·2	37·6	31·4	42·8	13·5	22nd	52·0	3rd	·205	·206	·206	88·1	89·0	88·6
March	·883	42·1	41·0	41·6	33·9	50·2	19·5	1st, 29th	58·5	17th	·217	·221	·219	79·7	83·1	81·4
April	29·960	46·7	43·7	45·2	36·0	54·7	20·6	21st	64·1	13th	·245	·235	·240	75·1	79·8	77·5
May	30·102	55·9	51·7	53·8	41·2	64·1	26·4	11th	78·5	31st	·330	·322	·326	76·5	82·6	79·6
June	29·972	58·3	53·9	56·1	46·5	65·4	31·5	9th	78·0	3rd	·399	·382	·391	81·7	91·3	86·5
July	30·001	62·8	59·7	61·3	51·1	71·8	35·8	28th	86·8	5th	·420	·419	·420	73·1	81·2	77·2
August	29·842	58·9	55·2	57·1	48·7	65·2	37·2	28th	80·4	5th	·390	·376	·383	78·2	85·7	82·0
September	29·991	54·5	52·1	53·3	46·1	62·5	35·7	16th	71·2	18th	·374	·356	·365	88·0	91·1	89·6
October	30·023	45·0	42·9	44·0	36·8	51·6	21·5	31st	60·6	1st, 11th	·260	·244	·252	85·2	86·5	85·9
November	29·898	48·5	48·5	48·5	42·1	54·0	28·8	18th	61·3	4th	·307	·308	·308	88·4	89·1	88·8
December	29·978	39·1	39·1	39·1	32·6	44·3	19·0	24th	54·0	2nd	·213	·218	·216	87·8	89·7	88·8
Year	—	48·1	46·2	47·2	38·9	55·1	—	—	—	—	·292	·287	·290	82·6	86·5	84·6

ST. DAVID'S, PEMBROKE

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

	ins.	°	°	°	°	°	°		°		in.	in.	in.	%	%	%
January	29·883	33·9	34·4	34·2	29·1	38·7	16·1	26th	48·5	1st	·183	·185	·184	90·0	89·4	89·7
February	·802	40·4	40·6	40·5	36·8	44·6	28·4	28th	49·7	8th	·222	·225	·224	86·6	86·2	86·4
March	·881	43·1	42·0	42·6	38·7	46·9	26·6	30th	50·4	7th	·241	·237	·239	84·8	86·7	85·8
April	29·949	46·2	43·8	45·0	39·0	51·5	27·3	4th	62·6	17th	·259	·246	·253	81·6	84·0	82·8
May	30·095	54·0	50·0	52·0	46·3	59·0	37·3	11th	73·2	31st	·331	·314	·323	80·0	87·3	83·7
June	29·960	55·6	53·4	54·5	50·4	60·4	43·3	8th	76·8	2nd	·375	·365	·370	84·2	88·4	86·3
July	30·009	59·0	56·4	57·7	53·7	63·4	50·3	17th	76·9	5th	·428	·415	·422	85·9	90·9	88·4
August	29·837	58·2	55·9	57·1	53·3	62·5	47·5	31st	65·9	10th	·427	·396	·412	87·3	87·9	87·6
September	·985	57·2	54·4	55·8	50·7	61·1	45·9	2nd	63·9	15th	·387	·381	·384	82·4	89·8	86·1
October	·999	49·0	47·5	48·3	43·1	53·1	31·3	30th	59·9	2nd	·282	·272	·277	80·0	81·5	80·8
November	·824	50·8	50·8	50·8	46·9	53·7	38·3	26th	57·1	8th	·333	·337	·335	88·7	89·4	89·1
December	29·952	44·1	44·2	44·2	40·0	47·2	30·3	23rd	53·0	2nd	·252	·251	·252	85·5	85·0	85·3
Year	29·931	49·3	47·8	48·6	44·0	53·5	—	—	—	—	·310	302	·306	84·8	87·2	86·0

CARMARTHEN

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

At 32° F.																
		ins.	°	°	°	°	°	°		°		in.	in.	in.	%	%	%
29·672 ✓	January	29·895	29·3	30·5	29·9	25·0	37·9	3·8	15th	50·3	31st	·155	·165	·160	89·9	91·6	90·8
·599 ✓	February	·818	39·7	39·5	39·6	35·2	46·0	21·8	25th	55·2	16th	·218	·220	·219	86·5	87·1	86·8
·665 ✓	March	·883	43·3	41·9	42·6	36·5	50·1	22·2	1st	60·5	17th	·237	·237	·237	82·3	86·2	84·3
·731 ✓	April	29·949	47·1	44·1	45·6	38·7	54·8	25·1	4th	63·1	17th	·243	·239	·241	73·1	79·2	76·2
·880 ✓	May	30·094	56·6	51·0	53·8	44·5	62·3	36·0	11th	74·8	31st	·330	·304	·317	72·5	82·0	77·3
·755 ✓	June	29·969	57·5	53·0	55·3	48·2	62·5	35·6	9th	78·1	1st	·359	·353	·356	76·0	87·2	81·6
·801 ✓	July	30·012	61·1	56·3	58·7	51·5	66·2	42·7	28th	83·3	5th	·429	·409	·419	80·3	89·4	84·9
·633 ✓	August	29·845	58·9	54·5	56·7	49·9	63·7	40·8	28th	69·4	23rd	·422	·380	·401	84·6	88·6	86·6
·774 ✓	September	29·988	55·6	52·9	54·3	46·8	62·8	37·9	16th	65·6	16th	·374	·368	·371	84·5	91·5	88·0
·790 ✓	October	30·007	47·4	45·0	46·2	39·8	53·9	26·5	31st	63·7	1st	·269	·260	·265	81·0	84·9	83·0
·637 ✓	November	29·852	49·5	48·8	49·2	44·2	54·2	33·9	29th	63·7	8th	·323	·323	·323	90·2	92·0	91·1
29·747 ✓	December	29·967	39·7	39·9	39·8	34·9	46·2	20·3	11th	53·0	2nd	·232	·235	·234	92·6	93·3	93·0
	Year	29·940	48·8	46·5	47·6	41·3	55·1	—	—	—	—	·299	·291	·295	82·8	87·8	85·3

CHELTENHAM.

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

1881.	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	6·6	6·8	1·200	·580	18th	12	7	0	0	4	15	1	8	8	2	8	7	0	2	0	27
February	8·5	7·4	8·0	3·030	·480	20th	18	7	1	0	1	17	0	8	4	5	7	9	2	5	3	13
March	7·0	5·7	6·4	1·540	·430	5th	12	4	1	0	3	10	1	3	4	4	10	7	5	9	11	9
April	6·8	5·0	5·9	0·870	·530	11th	9	1	1	4	1	11	0	3	14	9	9	4	5	7	9	0
May	5·5	4·7	5·1	0·910	·290	17th	12	0	0	4	7	6	0	6	9	4	2	4	17	11	4	5
June	6·8	6·6	6·7	2·320	·730	5th	19	0	1	2	0	8	0	3	0	1	1	16	15	12	3	9
July	6·5	5·9	6·2	1·900	·440	5th	14	0	0	3	1	7	1	1	0	0	0	8	24	18	4	7
August	7·1	5·8	6·5	3·650	·490	12th, 21st	20	0	0	2	0	11	0	2	1	0	1	11	27	12	2	6
September	7·2	5·4	6·3	1·660	·490	24th	14	0	0	0	1	8	0	9	0	1	2	13	11	11	3	10
October	6·9	4·8	5·9	2·050	·750	13th	16	2	2	0	6	12	1	8	7	5	14	2	5	11	4	6
November	6·7	5·2	6·0	3·250	·660	26th	23	1	0	0	2	8	2	0	0	0	6	28	20	3	0	3
December	7·1	6·6	6·9	2·900	·970	17th	16	0	0	0	3	10	1	4	0	1	2	15	13	8	4	15
Year	6·9	5·8	6·4	25·280	—	—	185	22	6	15	29	123	7	55	47	32	62	124	144	109	47	110

ST. DAVID'S, PEMBROKE.

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

				ins.	ins.																	
January	6·7	5·3	6·0	2·724	·894	13th	18	8	4	0	4	12	1	6	19	15	12	1	2	4	3	0
February	7·8	7·3	7·6	3·035	·528	1st	17	4	1	0	0	14	5	4	18	8	7	2	10	4	3	0
March	6·2	6·0	6·1	2·486	·523	6th	13	3	1	0	6	16	1	4	6	10	7	4	14	10	7	0
April	6·3	5·0	5·7	1·536	·451	13th	13	0	0	0	4	10	0	2	17	14	7	2	6	6	5	1
May	4·8	4·5	4·7	1·141	·291	17th	12	0	0	1	9	7	0	4	6	6	4	3	19	6	6	8
June	7·2	6·4	6·8	2·699	·545	4th	19	0	1	0	2	10	1	11	2	2	10	8	15	8	2	2
July	7·7	6·8	7·3	1·716	·435	5th	20	0	0	3	0	11	1	3	4	2	3	5	28	10	6	1
August	6·6	5·6	6·1	4·313	·772	20th	23	0	0	1	0	7	3	3	2	1	0	12	22	15	7	0
September	6·9	5·8	6·4	1·930	·667	24th	12	0	0	0	2	11	1	6	11	5	7	3	10	7	4	7
October	6·0	5·5	5·8	2·574	·772	13th	14	0	0	0	5	9	3	6	12	16	12	1	6	4	4	1
November	7·9	7·7	7·8	4·770	·582	30th	25	0	0	3	1	16	5	0	0	5	6	10	27	9	2	1
December	7·1	6·1	6·6	6·346	1·165	3rd	23	0	5	1	1	10	3	5	8	2	5	10	13	12	7	0
Year	6·8	6·0	6·4	35·270	—	—	209	15	12	9	34	133	24	54	105	86	80	61	172	95	56	21

CARMARTHEN.

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

				ins.	ins.																	
January	6·2	5·2	5·7	1·320?	·260	26th, 28th	12	6	0	0	7	13	1	4	5	16	0	3	0	0	0	34
February	6.9	7·4	7·2	5·380	·880	9th	16	1	1	0	5	15	3	2	5	11	5	4	2	6	2	19
March	6·6	6·0	6·3	4·130	·700	5th, 23rd	14	1	4	0	8	16	1	3	0	17	1	1	8	17	3	12
April	6·1	4·4	5·3	2·720	1·150	13th	12	1	0	0	8	10	5	3	2	24	4	4	8	2	3	10
May	5·1	4·4	4·8	2·780	1·250	17th	11	0	1	0	12	11	1	4	4	8	1	0	20	4	1	20
June	7·3	5·8	6·6	3·910	·650	20th	20	0	0	0	4	13	0	7	2	1	8	2	13	4	3	20
July	7·6	5·9	6·8	2·970	1·000	30th	14	0	0	1	1	11	0	5	0	1	0	7	20	12	4	13
August	7·6	5·4	6·5	5·690	1·020	21st	22	0	0	0	1	9	0	3	3	1	0	2	17	10	7	19
September	5·9	4·8	5·4	2·710	·620	25th	13	0	0	0	6	8	0	8	4	9	7	2	4	2	1	23
October	5·5	4·7	5·1	3·440	1·580	13th	15	0	0	0	9	10	1	8	3	19	9	0	2	8	1	12
November	7·7	5·8	6·8	6·920	·890	30th	27	0	2	2	3	12	3	1	0	7	3	12	14	18	0	5
December	6·1	5·8	6·0	5·630	1·380	16th	22	0	0	0	6	13	0	2	0	2	1	7	12	11	1	26
Year	6·6	5·5	6·0	47·600	—	—	198	9	8	3	70	141	15	50	28	116	39	44	120	94	26	213

CHIGWELL ROW

Long. 0° 6′ E. Lat. 51° 37′ N. Height above Mean Sea Level, 186 feet.

1881.	Mean Pressure.	Air Temperature. 9 a.m.	9 p.m.	Mean.	Means of Min.	Means of Max.	Absolute Min. and Max. Min.	Day.	Max.	Day.	Tension of Vapour. 9 a.m.	9 p.m.	Mean.	Relative Humidity. 9 a.m.	9 p.m.	Mean.
	ins.	°	°	°	°	°	°		°		in.	in.	in.	%	%	%
January	29·926	30·2	31·3	30·8	26·9	36·7	13·8	22nd	47·5	31st	·165	·173	·169	98·2	98·3	98·3
February	·871	37·2	36·8	37·0	33·5	41·6	26·8	7th	52·0	3rd	·212	·206	·209	95·5	94·5	95·0
March	·941	42·4	40·8	41·6	35·6	50·9	24·1	1st	61·6	16th	·230	·226	·228	84·9	88·6	86·8
April	29·991	47·8	42·6	45·2	37·6	55·1	27·3	21st	66·5	17th	·247	·229	·238	74·2	83·9	79·1
May	30·140	56·1	51·3	53·7	44·0	64·4	30·5	11th	80·0	31st	·330	·309	·320	73·2	81·7	77·5
June	·015	60·6	55·1	57·9	49·3	67·9	36·3	9th	82·0	1st	·373	·370	·372	70·5	85·1	77·8
July	30·033	65·6	62·3	64·0	54·8	75·3	43·9	28th	93·8	15th	·436	·428	·432	69·2	76·2	72·7
August	29·880	59·4	57·2	58·3	50·8	67·8	42·4	28th	83·1	5th	·394	·409	·402	77·7	87·4	82·6
September	30·011	57·1	54·1	55·6	49·2	64·9	39·9	29th	74·5	18th	·406	·380	·393	86·9	90·5	88·7
October	30·044	46·2	43·4	44·8	39·5	52·2	28·1	31st	62·5	1st	·270	·254	·262	86·3	90·4	88·4
November	29·994	48·5	47·7	48·1	42·6	53·8	30·3	1st	61·8	6th	·313	·307	·310	91·5	92·7	92·1
December	30·027	38·9	39·0	39·0	34·7	44·3	22·3	24th	52·3	18th	·225	·226	·226	94·9	95·0	95·0
Year	29·989	49·2	46·8	48·0	41·5	56·2	—	—	—	—	·300	·293	·297	83·6	88·7	86·2

MARLBOROUGH, WILTS

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

	ins.	°	°	°	°	°	°		°		in.	in.	in.	%	%	%
January	29·913	27·2	29·2	28·2	24·5	35·2	6·9	15th	48·8	31st	·148	·157	·153	93·6	92·4	93·0
February	·855	36·6	37·0	36·8	32·9	42·3	24·4	22nd	49·8	3rd	·202	·206	·204	91·1	91·4	91·3
March	·919	40·9	40·0	40·5	34·2	50·2	22·3	1st	61·0	16th	·215	·220	·218	81·9	85·2	83·6
April	29·966	44·7	42·8	43·8	36·4	54·4	26·2	21st	62·9	13th	·233	·219	·226	76·5	77·0	76·8
May	30·122	55·5	50·5	53·0	42·5	63·0	28·1	11th	75·3	31st	·306	·287	·297	69·9	77·5	73·7
June	29·991	58·6	54·0	56·3	47·9	64·5	35·1	10th	78·2	3rd	·353	·356	·355	71·7	84·8	78·3
July	30·021	64·9	59·0	62·0	52·0	73·2	36·2	28th	87·1	15th	·426	·411	·419	69·1	81·7	75·4
August	29·870	58·8	54·9	56·9	49·1	65·3	39·1	28th	80·1	5th	·386	·385	·386	78·2	88·6	83·4
September	30·007	55·4	52·2	53·8	46·9	63·0	37·0	16th	74·7	18th	·379	·357	·368	86·1	90·9	88·5
October	30·034	44·6	42·2	43·4	37·3	51·4	21·3	31st	60·3	1st	·255	·245	·250	85·0	89·4	87·2
November	29·949	46·9	46·9	46·9	42·0	52·9	31·1	18th	60·1	13th	·300	·303	·302	91·4	92·1	91·8
December	30·016	37·4	38·5	38·0	33·5	43·6	22·3	23rd	51·8	5th	·210	·222	·216	92·0	94·0	93·0
Year	29·972	47·6	45·6	46·6	39·9	54·9	—	—	—	—	·284	·281	·283	82·2	87·1	84·7

STRATHFIELD TURGISS

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

	ins.	°	°	°	°	°	°		°		in.	in.	in.	%	%	%
January	29·905	29·2	29·5	29·4	23·5	36·0	3·9	22nd	49·1	31st	·149	·154	·152	86·6	87·6	87·1
February	·851	37·8	37·2	37·5	33·0	42·9	23·4	7th, 28th	53·3	3rd	·202	·204	·203	86·5	89·7	88·1
March	·921	43·1	40·9	42·0	34·6	51·8	22·2	27th	61·7	16th	·222	·227	·225	78·0	85·3	81·7
April	29·961	48·0	43·8	45·9	36·4	56·5	26·2	21st	66·4	17th	·242	·225	·234	70·7	76·7	73·7
May	30·123	57·6	51·6	54·6	41·3	66·1	27·9	11th	80·9	31st	·311	·301	·306	65·2	77·5	71·4
June	29·996	60·8	55·7	58·3	48·0	68·2	34·7	9th	81·7	1st	·369	·373	·371	69·2	83·3	76·3
July	30·022	66·9	61·3	64·1	51·1	76·7	37·0	28th	93·9	15th	·443	·435	·439	67·1	80·1	73·6
August	29·853	60·0	56·2	58·1	—	67·0	37·8	11th	82·3	5th	·402	·406	·404	77·9	89·0	83·5
September	29·999	56·4	52·2	54·3	46·1	64·1	38·5	16th	74·0	18th	·395	·360	·378	86·4	92·1	89·3
October	30·031	46·9	42·9	44·9	36·9	53·2	22·0	31st	63·1	11th	·267	·249	·258	81·8	88·1	85·0
November	29·963	48·0	47·6	47·8	41·5	54·5	31·2	30th	63·7	5th	·307	·304	·306	87·6	90·2	88·9
December	30·015	38·3	38·8	38·6	32·9	44·6	19·9	24th	54·4	2nd	·210	·220	·215	88·8	91·4	90·1
Year	29·970	49·4	46·5	48·0	—	56·8	—	—	—	—	·293	·288	·291	78·8	85·9	82·4

CHIGWELL ROW.

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

1881.	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	7·7	6·8	7·3	0·900	·200	11th	7	8	0	0	4	18	1	15	13	12	4	2	2	4	5	5
February	9·0	7·5	8·3	2·950	·750	20th	17	9	0	0	2	18	1	14	5	6	8	5	4	3	6	5
March	5·9	4·5	5·2	2·070	·650	5th	12	3	1	0	6	8	0	6	7	11	6	4	5	16	7	0
April	6·7	4·2	5·5	0·790	·310	14th	11	2	1	1	3	7	0	7	12	18	7	2	4	6	3	1
May	6·2	4·9	5·6	1·140	·430	28th	12	0	0	1	6	8	0	6	10	14	3	1	16	7	4	1
June	6·4	7·3	6·9	2·050	·690	17th	12	0	1	1	4	13	0	3	3	8	5	8	12	9	8	4
July	6·7	6·6	6·7	2·120	·360	8th, 26th	14	0	0	3	1	10	0	6	4	3	4	4	16	16	6	3
August	7·4	5·8	6·6	4·130	·700	12th	21	0	0	1	2	13	0	2	1	0	3	6	14	22	8	6
September	7·9	4·9	6·4	2·050	·820	24th	18	0	0	1	4	10	0	16	4	5	4	6	3	6	8	8
October	6·2	4·0	5·1	2·510	·660	22nd	17	1	0	0	6	9	1	8	12	17	5	0	4	8	5	3
November	8·2	6·1	7·2	2·340	·550	24th	20	1	0	0	0	14	2	0	1	6	4	10	19	11	2	7
December	7·1	6·3	6·7	2·920	·820	17th	17	1	0	0	3	14	0	6	1	1	5	13	12	8	9	7
Year	7·1	5·7	6·4	25·970	—	—	178	25	3	8	41	142	5	89	73	101	58	61	111	116	71	50

MARLBOROUGH, WILTS.

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

				ins.	ins.																	
January	7·6	7·5	7·6	2·680	—	—	10	5	1	0	3	20	0	1	3	10	0	0	0	3	0	45
February	8·9	7·5	8·2	3·670	·930	9th	15	6	1	0	1	20	1	4	6	4	0	11	2	1	8	20
March	6·1	5·3	5·7	2·770	·640	4th	14	2	2	0	8	14	0	0	1	12	1	1	7	15	1	24
April	6·6	5·4	6·0	0·870	·320	11th	10	3	1	1	3	7	0	1	5	23	1	0	1	6	2	21
May	5·6	3·7	4·7	1·500	·430	17th	9	0	0	1	9	7	0	3	6	9	2	0	6	14	0	22
June	7·2	5·4	6·3	2·290	·610	5th	15	0	1	2	2	9	0	3	2	1	1	9	14	9	2	19
July	5·9	5·5	5·7	2·140	·690	30th	13	0	0	1	3	9	0	5	0	2	1	2	13	18	4	17
August	8·6	6·0	7·3	6·230	·960	21st	19	0	0	1	0	13	0	1	0	0	2	3	10	8	3	35
September	7·4	5·1	6·3	1·840	·710	24th	12	0	0	0	4	11	0	3	1	1	2	3	3	1	1	45
October	6·0	5·4	5·7	1·260	·420	22nd	12	0	1	0	9	11	1	3	2	19	3	1	4	7	0	23
November	7·8	7·3	7·6	3·820	·740	24th	19	1	0	0	3	18	0	0	0	1	6	13	13	8	0	19
December	7·5	6·0	6·8	3·520	·840	17th	18	2	0	0	4	14	0	2	1	0	3	12	2	7	3	32
Year	7·1	5·8	6·5	32·590	—	—	166	19	7	6	49	153	2	26	27	82	22	55	75	97	24	322

STRATHFIELD TURGISS.

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

				ins.	ins.																	
January	6·9	6·7	6·8	1·192	·293	18th	10	6	0	0	6	17	0	9	21	6	4	2	7	6	2	5
February	8·7	6·7	7·7	2·300	·594	7th	10	4	0	0	2	17	1	4	16	2	12	5	5	4	4	4
March	6·4	4·9	5·7	1·587	·460	5th	12	3	1	0	8	12	0	8	10	5	6	2	8	15	10	3
April	6·4	5·1	5·8	0·532	·313	11th	8	1	1	1	4	8	0	4	14	14	4	2	10	9	3	0
May	5·5	4·1	4·8	1·039	·326	17th	12	0	0	1	11	8	0	6	12	10	2	3	10	11	6	2
June	6·9	6·7	6·8	2·042	·584	5th	12	0	0	3	0	12	0	4	6	0	2	10	19	10	5	4
July	5·2	5·3	5·3	1·892	·489	31st	11	0	0	2	5	5	0	5	2	0	2	4	16	22	10	1
August	6·7	5·6	6·2	5·691	1·337	12th	18	0	0	1	2	10	0	2	0	0	1	7	31	13	7	1
September	7·3	4·8	6·1	1·684	·535	24th	11	0	0	1	4	8	0	3	5	4	4	6	7	9	18	4
October	5·4	4·8	5·1	1·696	·777	22nd	10	0	0	0	11	10	0	8	15	11	5	4	3	9	7	0
November	7·3	6·3	6·8	3·266	·717	26th	20	1	1	0	2	15	0	0	0	1	8	9	25	6	6	5
December	6·8	6·0	6·4	2·846	·606	17th	14	3	0	0	5	14	0	2	4	1	11	14	10	8	10	2
Year	6·6	5·6	6·1	25·767	—	—	148	18	3	9	60	136	1	50	105	54	61	68	151	122	88	31

RAMSGATE

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

1881.	Mean Pressure.	Air Temperature. 9 a.m.	9 p.m.	Mean.	Means of Min.	Means of Max.	Absolute Min. and Max. Min.	Day.	Max.	Day.	Tension of Vapour. 9 a.m.	9 p.m.	Mean.	Relative Humidity. 9 a.m.	9 p.m.	Mean.
	ins.	°	°	°	°	°	°		°		in.	in.	in.	%	%	%
January	29·902	32·6	33·5	33·1	29·1	37·8	15·0	15th	49·6	31st	·169	·176	·173	87·4	88·7	88·1
February	·861	38·7	37·9	38·3	33·9	42·7	27·2	13th	50·4	8th	·214	·206	·210	90·3	89·7	90·0
March	·931	43·0	42·3	42·7	37·4	48·6	27·2	1st	57·5	10th	·246	·244	·245	87·1	88·6	87·9
April	29·956	45·6	43·7	44·7	40·0	51·1	33·0	21st	60·1	30th	·266	·258	·262	85·6	89·4	87·5
May	30·129	53·9	50·3	52·1	45·3	59·6	32·3	4th	70·2	31st	·342	·325	·334	81·9	88·4	85·2
June	·009	58·5	54·8	56·7	50·2	65·4	39·1	11th	77·0	4th	·391	·369	·380	79·5	85·2	82·4
July	30·031	65·2	61·4	63·3	55·7	74·0	45·8	28th	84·7	19th	·481	·447	·464	77·3	81·8	79·6
August	29·881	61·5	57·8	59·7	53·2	66·8	48·1	20th	74·7	6th	·474	·440	·457	86·6	91·5	89·1
September	29·994	58·2	56·2	57·2	52·5	63·5	47·5	16th	70·7	19th	·428	·410	·419	87·9	90·4	89·2
October	30·009	47·8	47·1	47·5	44·1	52·1	33·5	31st	61·7	11th	·288	·281	·285	85·6	85·8	85·7
November	·005	48·3	48·2	48·3	43·7	53·0	31·5	1st	60·2	12th	·309	·308	·309	89·9	89·8	89·9
December	30·040	40·9	40·5	40·7	36·6	45·2	30·5	25th	53·0	2nd	·229	·226	·228	89·9	89·4	89·7
Year	29·979	49·5	47·8	48·7	43·5	55·0	—	—	—	—	·320	·308	·314	85·8	88·2	87·0

SOUTHAMPTON

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

1881.	Mean Pressure.	9 a.m.	9 p.m.	Mean.	Means of Min.	Means of Max.	Absolute Min. and Max. Min.	Day.	Max.	Day.	Tension of Vapour. 9 a.m.	9 p.m.	Mean.	Relative Humidity. 9 a.m.	9 p.m.	Mean.
	ins.	°	°	°	°	°	°		°		in.	in.	in.	%	%	%
January	29·894	29·9	31·8	30·9	27·0	37·3	13·2	15th	51·1	31st	·162	·168	·165	93·3	90·1	91·7
February	·857	38·9	38·5	38·7	34·3	44·6	26·1	28th	52·0	3rd	·214	·216	·215	88·2	89·8	89·0
March	·927	44·4	42·4	43·4	37·1	51·7	23·9	1st	62·4	17th	·232	·238	·235	77·7	85·3	81·5
April	29·951	47·1	44·8	46·0	39·1	55·5	28·3	21st	65·7	18th	·248	·236	·242	75·0	77·9	76·5
May	30·121	57·6	52·4	55·0	44·8	64·6	32·4	11th	77·5	31st	·331	·322	·327	69·6	81·4	75·5
June	29·995	60·5	55·7	58·1	50·3	66·4	37·1	9th	81·1	2nd	·390	·385	·388	74·4	86·4	80·4
July	30·025	67·3	62·5	64·9	55·0	74·8	42·4	28th	91·7	15th	·451	·445	·448	67·4	78·6	73·0
August	29·883	61·3	57·6	59·5	52·4	67·0	42·6	28th	78·4	5th	·431	·427	·429	79·7	89·4	84·6
September	29·995	57·8	54·8	56·3	49·6	64·9	42·1	29th	74·9	18th	·402	·388	·395	83·9	90·0	87·0
October	30·019	47·6	45·3	46·5	40·3	54·3	25·8	31st	64·1	1st	·271	·268	·270	81·1	86·8	84·0
November	29·973	49·5	49·2	49·4	44·7	55·0	32·7	29th	61·6	13th	·327	·330	·329	90·5	92·7	91·6
December	30·024	40·4	41·3	40·9	36·6	46·5	26·2	24th	53·7	18th	·234	·244	·239	91·5	92·1	91·8
Year	29·972	50·2	48·0	49·1	42·6	56·9	—	—	—	—	·308	·306	·307	81·0	86·7	83·9

ST. LEONARDS

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

1881.	Mean Pressure.	9 a.m.	9 p.m.	Mean.	Means of Min.	Means of Max.	Absolute Min. and Max. Min.	Day.	Max.	Day.	Tension of Vapour. 9 a.m.	9 p.m.	Mean.	Relative Humidity. 9 a.m.	9 p.m.	Mean.
	ins.	°	°	°	°	°	°		°		in.	in.	in.	%	%	%
January	29·888	32·7	33·7	33·2	29·7	38·4	16·7	22nd	47·4	31st	·168	·175	·172	86·9	87·0	87·0
February	·853	39·1	38·5	38·8	35·6	43·4	29·1	28th	50·0	8th, 16th	·211	·210	·211	87·0	88·6	87·8
March	·932	43·5	41·5	42·5	37·8	48·3	25·0	1st	56·7	17th	·235	·230	·233	82·1	86·0	84·1
April	29·949	46·9	43·9	45·4	39·7	52·0	29·1	21st	65·0	18th	·250	·250	·250	78·0	85·5	81·8
May	30·128	55·6	50·8	53·2	46·5	59·6	37·0	4th	75·6	31st	·326	·307	·317	73·9	81·8	77·9
June	·010	58·4	54·6	56·5	51·1	62·3	39·8	9th	74·1	1st	·374	·371	·373	76·7	86·3	81·5
July	30·037	65·0	61·7	63·4	57·1	69·6	48·9	7th	85·6	15th	·449	·446	·448	73·0	81·0	77·0
August	29·898	60·5	58·3	59·4	54·1	64·4	47·6	28th	73·3	5th	·408	·426	·417	77·5	87·0	82·3
September	29·998	58·1	55·7	56·9	52·4	62·7	47·4	4th	68·0	18th	·411	·405	·408	84·8	90·7	87·8
October	30·019	48·0	46·3	47·2	42·4	52·8	32·2	31st	63·0	1st	·272	·267	·270	80·6	83·6	82·1
November	·021	49·8	49·6	49·7	46·0	53·2	35·5	1st	57·5	4th	·324	·320	·322	89·2	89·3	89·3
December	30·040	41·4	41·4	41·4	38·2	46·0	31·8	23rd	53·1	17th	·233	·234	·234	88·5	89·0	88·8
Year	29·981	49·9	48·0	49·0	44·2	54·4	—	—	—	—	·305	·303	·304	81·5	86·3	83·9

RAMSGATE.

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

1881.	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	6·3	6·8	1·150	·320	26th	13	8	1	0	2	14	1	0	0	23	2	6	4	7	5	15
February	8·4	7·4	7·9	1·780	·340	21st	25	4	0	0	1	16	4	0	17	4	2	5	15	1	5	7
March	6·6	6·5	6·6	1·700	·420	4th	16	3	0	0	6	14	3	0	9	2	8	2	20	10	6	5
April	6·7	7·2	7·0	0·980	·170	23rd	16	1	1	0	3	13	3	4	3	25	4	4	10	1	6	3
May	5·5	4·9	5·2	1·690	·450	27th	14	0	0	1	8	9	2	0	19	6	2	2	19	2	0	12
June	5·2	6·0	5·6	2·700	·780	7th	12	0	0	0	7	10	0	1	10	13	0	3	20	1	0	12
July	5·3	6·4	5·9	0·980	·260	26th	10	0	0	2	6	9	0	0	8	1	0	4	19	11	6	13
August	6·1	6·4	6·3	3·700	1·220	12th	19	0	0	3	1	10	0	0	3	0	0	0	36	4	9	10
September	7·7	6·1	6·9	3·220	·880	10th	17	0	0	0	4	16	0	4	6	4	0	0	17	6	16	7
October	6·5	6·7	6·6	5·280	·900	8th	21	1	3	0	5	13	1	6	9	16	0	0	19	3	4	5
November	7·9	5·4	6·7	2·010	·510	26th	15	1	1	0	2	13	6	0	0	4	4	7	27	0	0	18
December	7·3	5·4	6·4	3·100	·560	17th	18	1	2	0	3	10	3	0	2	2	2	15	15	0	1	25
Year	6·7	6·2	6·5	28·290	—	—	196	19	8	6	48	147	23	15	86	100	24	48	221	46	58	132

SOUTHAMPTON.

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

1881.	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	7·2	6·1	6·7	1·526	·347	29th	11	10	0	0	4	13	1	9	22	6	4	3	4	2	8	4
February	8·1	6·6	7·4	3·397	·915	14th	13	5	1	1	4	17	3	4	15	1	9	6	5	3	10	3
March	6·2	5·0	5·6	2·721	·780	5th	15	4	3	0	7	12	2	0	10	6	9	3	7	10	15	2
April	8·4	5·4	6·9	0·841	·262	11th	9	1	0	1	2	13	4	5	24	3	4	3	8	3	7	3
May	5·8	4·3	5·1	1·074	·392	17th	10	0	1	1	10	11	0	4	14	5	3	1	24	5	5	1
June	7·7	6·8	7·3	2·257	·515	5th	12	0	2	2	1	16	0	3	5	0	6	4	26	3	11	2
July	5·8	5·1	5·5	1·726	·730	30th	16	0	0	3	6	10	1	4	3	1	2	3	25	9	13	2
August	8·3	6·1	7·2	4·361	·790	25th	20	0	0	0	2	16	1	1	3	1	3	1	30	13	10	0
September	7·3	5·6	6·5	1·923	·647	5th	11	0	0	0	4	12	0	6	11	3	5	2	11	3	14	5
October	5·5	5·7	5·6	1·506	·485	22nd	11	0	1	0	10	13	1	5	24	7	5	0	7	5	6	3
November	7·8	7·7	7·8	5·104	1·190	26th	23	0	2	1	2	19	5	0	1	5	7	6	32	2	1	6
December	7·8	6·6	7·2	2·982	·465	17th	17	1	0	1	4	18	3	0	7	1	8	11	18	7	7	3
Year	7·2	5·9	6·6	29·418	—	—	168	21	10	10	56	170	21	41	139	39	65	43	197	65	107	34

ST. LEONARDS.

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

1881.	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	5·9	5·1	5·5	1·167	·215	18th, 26th	14	7	0	0	7	12	4	15	13	11	2	2	5	4	8	2
February	8·1	6·7	7·4	1·912	·451	9th	19	6	3	1	1	15	4	11	14	4	5	8	4	4	6	0
March	6·3	4·3	5·3	3·223	·823	4th	13	6	0	0	9	11	5	3	7	11	3	2	9	15	8	4
April	7·1	6·0	6·6	0·651	·210	26th	11	3	3	1	4	11	6	7	21	8	2	1	7	7	5	2
May	5·3	4·9	5·1	1·092	·534	18th	13	0	0	4	9	10	5	6	17	4	1	5	15	7	4	3
June	6·1	4·6	5·4	2·753	1·460	5th	13	0	1	2	7	9	0	7	5	5	5	8	16	8	4	2
July	4·9	4·4	4·7	2·679	·715	26th	11	0	1	5	10	6	4	2	5	5	3	5	16	15	10	1
August	6·0	5·4	5·7	3·992	·545	12th	19	0	0	3	5	9	8	2	1	1	3	7	15	22	10	1
September	6·7	4·9	5·8	2·837	·889	5th	20	0	0	4	5	9	1	13	7	5	5	4	6	7	9	4
October	5·2	5·7	5·5	3·365	1·643	8th	20	4	1	1	7	9	6	11	15	12	4	1	3	7	6	3
November	8·0	6·0	7·0	2·778	·772	26th	22	1	1	0	2	13	8	2	0	3	4	12	19	14	4	2
December	7·5	5·5	6·5	4·285	1·007	17th	17	0	1	0	4	13	6	6	1	1	3	12	12	18	5	4
Year	6·4	5·3	5·9	30·734	—	—	192	27	11	21	70	127	57	85	106	70	40	67	127	128	79	28

DARTMOOR

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

1881.	Mean Pressure.	Air Temperature. 9 a.m.	9 p.m.	Mean.	Means of Min.	Means of Max.	Absolute Min. and Max. Min.	Day.	Max.	Day.	Tension of Vapour. 9 a.m.	9 p.m.	Mean.	Relative Humidity. 9 a.m.	9 p.m.	Mean
	ins.	°	°	°	°	°	°		°		in.	in.	in.	%	%	%
January	—	—	—	—	—	—	**10·0**	**25th**	44·0	29th, 30th, 31st	—	—	—	—	—	—
February	29·864	35·6	34·9	35·3	31·5	40·0	20·0	27th, 28th	47·2	3rd	—	—	—	—	—	—
March	·925	40·2	38·9	39·6	33·5	44·7	18·0	1st	56·3	17th	·222	·225	·224	86·5	92·4	89·5
April	29·948	41·1	40·8	41·0	34·7	47·8	24·0	4th	59·2	18th	·222	·227	·225	84·5	87·7	86·1
May	30·139	50·9	46·7	48·8	41·1	56·3	31·0	11th	68·0	30th, 31st	·297	·277	·287	80·4	86·7	83·6
June	·014	52·4	49·3	50·9	44·7	57·9	34·0	9th	74·0	1st	·328	·315	·322	83·8	89·0	86·4
July	30·056	58·4	53·7	56·1	48·8	64·1	40·0	29th	**79·0**	**15th**	·388	·383	·386	79·9	91·8	85·9
August	29·910	54·1	50·6	52·4	47·4	58·4	41·0	31st	68·0	5th	·374	·351	·363	88·7	94·7	91·7
September	30·018	52·1	48·8	50·5	43·5	57·6	40·0	1st, 2nd, 9th, 16th, 22nd	63·0	17th	·339	·319	·329	87·2	91·9	89·6
October	30·019	43·3	42·8	43·1	37·8	48·4	25·0	31st	54·0	7th, 11th, 14th, 23rd	·252	·252	·252	87·5	89·2	88·4
November	29·941	46·9	45·9	46·4	41·2	50·4	28·5	26th	55·0	4th, 7th, 8th	·310	·301	·306	95·5	95·5	95·5
December	30·033	38·5	37·8	38·2	33·3	42·7	24·0	11th	49·2	6th	·221	·208	·215	94·0	89·8	91·9
Year	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

BABBACOMBE

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

	ins.	°	°	°	°	°	°		°		in.	in.	in.	%	%	%
January	29·867	34·5	34·0	34·3	29·5	40·6	**15·3**	**20th**	54·9	31st	·175	·171	·173	84·0	83·1	83·6
February	·841	40·4	39·8	40·1	36·2	44·6	26·1	26th	51·2	1st	·226	·220	·223	88·0	86·8	87·4
March	·913	44·7	42·7	43·7	38·3	49·8	21·3	2nd	59·0	17th	·238	·241	·240	78·6	85·7	82·2
April	29·932	46·1	44·7	45·4	40·3	52·1	30·8	21st	60·9	14th	·248	·242	·245	77·5	80·5	79·0
May	30·127	55·4	50·8	53·1	45·8	61·8	39·8	4th	73·7	28th	·321	·303	·312	72·3	81·6	77·0
June	·005	57·7	53·3	55·5	49·6	63·3	39·9	9th	77·8	3rd	·359	·339	·349	76·3	83·0	79·7
July	30·048	63·9	58·1	61·0	53·2	70·7	45·9	7th	**82·8**	**15th**	·434	·408	·421	73·4	84·1	78·8
August	29·900	60·3	55·6	58·0	51·9	65·9	45·8	28th	77·7	5th	·420	·395	·408	80·3	88·4	84·4
September	30·001	58·1	53·8	56·0	49·2	63·6	43·3	16th	72·4	18th	·390	·373	·382	80·7	89·3	85·0
October	30·008	49·3	47·8	48·6	43·5	53·9	30·2	31st	65·3	11th	·281	·279	280	78·8	82·0	80·4
November	29·934	50·6	49·6	50·1	45·4	55·5	37·8	29th	62·3	12th	·334	·333	·334	89·6	92·5	91·1
December	30·017	42·3	41·6	42·0	37·6	48·4	29·0	11th	54·2	28th	·241	·239	·240	88·3	90·0	89·2
Year	29·966	50·3	47·7	49·0	43·4	55·9	—	—	—	—	·306	·295	·301	80·7	85·6	83·2

TOTNES

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

	ins.	°	°	°	°	°	°		°		in.	in.	in.	%	%	%
January	29·880	31·2	32·4	31·8	25·7	41·1	**8·8**	**20th, 23rd**	54·2	31st	·167	·168	·168	89·1	86·2	87·7
February	·854	39·9	39·8	39·9	34·7	47·0	18·3	28th	55·1	1st	·229	·227	·228	89·8	89·3	89·6
March	·924	44·6	43·3	44·0	36·8	52·2	9·1	1st	64·2	18th	·245	·251	·248	80·8	87·0	83·9
April	29·942	48·6	45·7	47·2	39·6	55·7	27·4	21st	66·1	18th	·256	·251	·254	73·5	80·6	77·1
May	30·131	58·0	51·2	54·6	43·0	63·4	30·3	11th	76·2	30th	·327	·314	·321	68·2	83·0	75·6
June	·004	60·2	54·0	57·1	47·6	65·8	34·8	9th	80·5	1st	·380	·357	·369	73·8	84·6	79·2
July	30·049	66·2	58·8	62·5	51·4	72·4	37·3	28th	**87·5**	**15th**	·448	·426	·437	69·3	84·8	77·1
August	29·904	61·2	56·2	58·7	51·5	67·0	43·3	28th	77·2	5th	·421	·409	·415	78·3	89·7	84·0
September	30·004	58·5	51·7	55·1	44·3	65·6	35·3	29th	74·8	18th	·390	·366	·378	79·1	94·4	86·8
October	30·014	49·3	45·9	47·6	39·5	56·2	20·9	31st	65·8	2nd	·288	·285	·287	80·6	89·2	84·9
November	29·941	50·9	50·1	50·5	44·6	56·9	30·9	29th	64·9	6th	·333	·339	·336	87·8	92·3	90·1
December	30·025	41·6	41·0	41·3	35·0	49·4	22·9	11th	56·4	5th	·239	·240	·240	88·9	91·2	90·1
Year	29·973	50·9	47·5	49·2	41·1	57·7	—	—	—	—	·310	·303	·307	79·9	87·7	83·8

DARTMOOR.

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

1881.	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	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
February	9·1	6·7	7·9	11·230	2·070	14th	19	5	3	1	0	16	1	4	4	13	4	7	6	4	4	10
March	7·9	6·1	7·0	10·250	1·560	5th	15	3	2	0	4	17	2	3	3	13	4	2	16	9	10	2
April	8·5	7·8	8·2	2·280	·700	10th	12	2	0	0	1	20	6	0	2	29	4	3	14	5	2	1
May	5·5	5·2	5·4	3·890	1·140	18th	9	0	0	0	9	12	2	1	6	15	3	2	16	3	8	8
June	7·1	6·5	6·8	6·820	1·400	17th	18	0	0	0	1	11	0	1	10	4	1	10	12	6	12	4
July	6·6	6·7	6·7	4·380	2·050	30th	15	0	1	2	3	12	0	3	6	6	0	1	13	11	13	9
August	8·3	7·1	7·7	9·750	1·470	25th	22	0	0	1	1	18	0	12	2	0	0	6	20	7	12	3
September	6·5	4·8	5·7	4·250	1·760	5th	13	0	0	0	6	10	0	5	8	7	6	5	7	2	2	18
October	6·5	5·5	6·0	8·040	1·530	23rd	14	0	0	0	6	12	2	0	5	25	13	1	5	4	6	3
November	9·2	8·2	8·7	14·330	2·220	26th	27	1	0	0	0	20	1	1	1	5	3	13	20	8	5	4
December	8·2	6·5	7·4	9·220	2·110	17th	19	2	2	0	3	17	0	1	7	5	0	2	23	7	7	10
Year	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

BABBACOMBE.

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

				ins.	ins.																	
January	8·0	6·2	7·1	2·440	·520	18th, 28th	14	11	4	0	5	16	8	9	15	15	3	3	5	6	3	3
February	8·5	7·8	8·2	4·660	·740	14th	19	4	3	2	1	17	5	5	12	7	4	7	5	8	6	2
March	6·9	6·0	6·5	4·560	**1·500**	**13th**	10	1	2	0	3	14	5	4	5	12	4	3	11	18	5	0
April	7·5	7·4	7·5	0·790	·250	13th	9	0	0	0	0	14	6	3	22	12	1	3	8	7	3	1
May	5·4	3·1	4·3	0·660	·260	17th	9	0	0	0	9	4	6	4	18	4	1	3	15	10	6	1
June	7·3	5·9	6·6	3·160	·490	5th, 17th	18	0	1	1	2	14	2	6	7	3	3	13	14	6	7	1
July	5·8	5·1	5·5	1·460	·710	30th	11	0	0	2	3	10	1	3	8	5	0	3	14	14	12	3
August	7·4	6·0	6·7	4·790	1·280	22nd	18	0	0	1	1	12	3	4	4	2	1	4	20	21	5	1
September	6·1	4·9	5·5	2·090	1·140	5th	12	0	0	1	6	8	0	6	11	6	5	5	9	8	8	2
October	6·0	5·8	5·9	4·180	**1·500**	**20th**	13	0	0	0	3	8	8	8	12	12	7	4	5	9	4	1
November	7·3	7·1	7·2	5·830	1·300	26th	25	0	2	1	1	13	9	0	1	4	2	13	25	11	2	2
December	7·0	6·2	6·6	3·490	·650	17th	20	2	2	1	4	15	5	6	1	0	5	11	19	14	6	0
Year	6·9	6·0	6·5	38·110	—	—	178	18	14	9	38	145	58	58	116	82	36	72	150	132	67	17

TOTNES.

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

				ins.	ins.																	
January	7·6	6·4	7·0	3·070	·890	18th	14	11	0	0	4	16	4	4	4	5	2	4	1	2	0	40
February	8·9	7·5	8·2	5·940	·980	7th	19	5	2	2	0	19	5	3	5	4	7	4	2	4	7	20
March	7·0	5·8	6·4	4·860	·950	3rd	14	3	3	0	3	13	1	2	2	4	8	4	9	2	11	20
April	7·3	6·5	6·9	0·850	·280	10th	11	0	0	0	0	11	3	6	10	12	4	3	4	3	4	14
May	5·1	3·2	4·2	1·280	·590	17th	10	0	0	0	8	5	2	2	2	12	2	3	10	6	9	16
June	7·1	5·5	6·3	3·470	·650	5th	18	0	0	0	2	10	1	2	0	1	4	3	17	3	13	17
July	5·2	4·7	5·0	2·110	·920	30th	12	0	0	2	7	5	1	3	0	1	4	4	10	8	11	21
August	7·4	5·3	6·4	5·490	1·110	22nd	17	0	0	2	1	9	2	1	1	0	1	3	14	15	11	16
September	5·6	4·5	5·1	3·690	1·870	5th	15	0	2	1	8	7	0	3	2	2	5	3	7	1	3	34
October	5·7	5·6	5·7	6·050	**1·930**	**20th**	13	0	0	0	6	10	2	0	10	8	13	3	0	3	7	18
November	7·8	6·9	7·4	7·670	1·670	26th	23	1	3	2	2	17	3	0	0	3	6	5	30	6	1	9
December	6·7	5·6	6·2	4·680	·910	17th	19	0	0	0	5	11	0	1	1	2	4	7	10	11	6	20
Year	6·8	5·6	6·2	49·160	—	—	185	20	10	9	46	133	24	27	37	54	60	46	114	64	83	245

ST. AUBIN'S, JERSEY

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

1881.	Mean Pressure.	Air Temperature. 9 a.m.	9 p.m.	Mean.	Means of Min.	Means of Max.	Absolute Min. and Max. Min.	Day.	Max.	Day.	Tension of Vapour. 9 a.m.	9 p.m.	Mean.	Relative Humidity. 9 a.m.	9 p.m.	Mean.
	ins.	°	°	°	°	°	°		°		in.	in.	in.	%	%	%
January	29·883	37·5	37·7	37·6	33·2	41·8	**21·3**	**22nd**	52·7	29th	·188	·192	·190	81·0	82·8	81·9
February	·905	43·3	42·5	42·9	39·1	46·6	31·8	27th	53·1	1st	·242	·235	·239	85·4	84·9	85·2
March	·978	46·9	45·1	46·0	41·6	51·2	30·2	1st	62·8	18th	·255	·256	·256	78·2	83·6	80·9
April	29·944	49·1	46·5	47·8	43·1	53·2	35·1	22nd	66·8	13th	·271	·270	·271	76·6	84·7	80·7
May	30·181	56·0	51·1	53·6	47·6	60·3	41·1	12th	69·8	31st	·323	·308	·316	72·2	82·4	77·3
June	·066	60·1	55·4	57·8	51·4	64·1	42·9	10th	74·3	1st	·389	·374	·382	74·6	84·8	79·7
July	30·108	66·0	60·3	63·2	56·6	71·3	51·3	26th	**87·7**	**15th**	·452	·430	·441	71·5	82·3	76·9
August	29·980	62·5	59·0	60·8	55·7	66·4	50·0	28th	79·2	5th	·441	·432	·437	78·2	85·7	82·0
September	30·036	61·0	56·7	58·9	53·6	64·6	50·4	22nd	76·0	18th	·415	·404	·410	77·5	87·7	82·6
October	·030	51·6	50·0	50·8	46·1	55·8	36·6	30th	62·0	12th, 13th	·298	·298	·298	77·1	81·0	79·1
November	·054	52·2	51·8	52·0	47·9	56·3	34·3	1st	65·1	8th	·338	·343	·341	85·6	88·4	87·0
December	30·099	43·2	43·3	43·3	39·5	47·7	32·9	25th	56·3	6th	·243	·243	·243	86·8	86·4	86·6
Year	30·022	52·5	50·0	51·2	46·3	56·6	—	—	—	—	·321	·315	·318	78·7	84·6	81·7

LONDONDERRY

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

	ins.	°	°	°	°	°	°		°		in.	in.	in.	%	%	%
January	29·925	30·0	31·5	30·8	25·4	36·3	**11·8**	**17th**	47·4	2nd	·151	·163	·157	82·5	87·1	84·8
February	·783	39·0	39·0	39·0	34·9	44·2	27·8	6th	51·0	7th	·210	·216	·213	87·0	89·3	88·2
March	29·814	41·6	40·7	41·2	35·8	47·6	25·1	31st	56·0	15th	·224	·229	·227	82·4	87·5	85·0
April	30·001	46·2	43·2	44·7	38·3	52·7	26·8	1st	60·8	12th	·248	·244	·246	77·4	85·0	81·2
May	30·048	55·3	50·4	52·9	43·6	62·7	36·0	3rd	**80·4**	**31st**	·311	·304	·308	72·2	82·7	77·5
June	29·886	57·2	52·2	54·7	47·3	62·5	37·0	8th	79·1	1st	·341	·340	·341	72·3	85·8	79·1
July	·903	58·5	55·4	57·0	50·2	64·4	44·9	21st	74·0	5th	·391	·382	·387	79·9	86·3	83·1
August	·790	56·7	52·1	54·4	47·6	61·8	38·0	31st	75·8	4th	·363	·355	·359	78·8	89·6	84·2
September	29·985	55·6	52·1	53·9	46·1	61·2	36·8	19th	66·0	20th	·368	·354	·361	83·1	90·3	86·7
October	30·015	47·2	45·3	46·3	39·8	53·2	25·9	31st	64·8	1st	·270	·266	·268	81·7	86·1	83·9
November	29·604	47·7	47·5	47·6	40·8	53·8	31·4	26th	61·3	14th	·293	·292	·293	86·8	87·1	87·0
December	29·804	38·2	39·0	38·6	32·4	44·1	20·0	11th	52·8	2nd	·209	·217	·213	88·4	89·7	89·1
Year	29·880	47·8	45·7	46·8	40·2	53·7	—	—	—	—	·282	·280	·281	81·0	87·2	84·1

COLEBROOKE (BROOKBOROUGH)

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

	ins.	°	°	°	°	°	°		°		in.	in.	in.	%	%	%
January	29·897*	27·5	29·7	28·6	23·0	36·5	**0·0**	**22nd**	46·7	1st	·132	·146	·139	88	88	88
February	·754	37·0	38·4	37·7	33·6	43·8	23·5	28th	49·9	7th	·202	·216	·209	92	93	93
March	·800	39·3	40·2	39·8	34·7	47·7	22·0	30th	56·4	17th	·219	·226	·223	92	91	92
April	29·960	43·4	43·9	43·7	38·4	51·9	27·8	1st, 4th	59·2	12th	·238	·245	·242	84	85	85
May	30·024	52·2	51·5	51·9	43·5	61·3	34·3	11th	76·9	31st	·316	·326	·321	81	86	84
June	29·870	54·8	52·9	53·9	46·6	61·3	33·8	7th	**77·1**	**1st**	·350	·351	·351	81	88	85
July	·903	56·2	55·9	56·1	50·2	63·8	40·1	21st	72·9	5th	·399	·400	·400	88	90	89
August	·774	54·0	52·7	53·4	47·1	62·4	37·7	12th	72·1	4th	·366	·367	·367	87	92	90
September	·961	52·4	52·0	52·2	45·5	60·3	33·8	1st	64·5	20th	·363	·364	·364	92	94	93
October	·990	44·6	43·9	44·3	39·3	52·0	20·0	30th	62·5	1st	·260	·252	·256	89	87	88
November	·613	46·7	47·1	46·9	42·0	52·6	30·6	18th	58·0	4th, 13th, 14th	·291	·288	·290	92	89	91
December	29·822	36·0	37·1	36·6	31·1	43·0	14·8	11th	51·9	2nd	·201	·207	·204	95	94	95
Year	29·864*	45·3	45·4	45·4	39·6	53·1	—	—	—	—	·278	·282	·280	88·4	89·8	89·1

* NOTE.—The height above Mean Sea Level having been re-determined, it is found that that hitherto given is too low by 39 feet. The barometer readings up to and including 1880 require a correction of + ·032 inch.

ST. AUBIN'S, JERSEY.

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

1881.	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.	N.W.	Calm.
				ins.	ins.																	
January	6·1	6·6	6·4	2·793	·400	26th	17	8	2	0	3	14	4	2	20	12	5	4	10	1	2	6
February	8·0	6·9	7·5	3·636	·890	23rd	19	1	3	0	3	16	3	4	15	7	5	6	4	7	4	4
March	7·2	5·0	6·1	2·034	·545	24th	13	1	0	0	5	12	2	2	12	6	6	2	6	15	4	9
April	7·4	7·3	7·4	0·982	·227	13th	12	0	0	0	2	13	3	1	18	12	3	3	6	6	5	6
May	5·8	3·3	4·6	1·477	·800	18th	8	0	0	0	9	7	0	2	18	7	0	1	11	10	6	7
June	5·6	4·6	5·1	2·804	·810	10th	14	0	2	1	6	6	0	6	3	3	3	9	8	6	11	11
July	5·5	3·3	4·4	1·690	·915	25th	12	0	0	3	9	8	0	4	4	3	2	3	9	9	10	18
August	6·0	5·1	5·6	3·986	·750	23rd	21	0	0	2	3	9	2	1	2	1	1	2	24	11	12	8
September	6·6	4·7	5·7	1·696	·330	7th	12	0	0	1	3	6	0	7	10	6	8	0	7	5	3	14
October	5·9	6·0	6·0	3·634	·473	22nd	18	0	4	0	6	11	2	3	18	16	5	2	2	6	4	6
November	7·8	5·4	6·6	3·582	**1·040**	**26th**	19	0	2	1	2	11	4	0	0	3	8	16	14	9	1	9
December	7·3	6·3	6·8	4·403	·865	9th	18	0	12	0	3	14	3	1	7	2	7	19	8	11	3	4
Year	6·6	5·4	6·0	32·717	—	—	183	10	25	8	54	127	23	33	127	78	53	67	109	96	65	102

LONDONDERRY.

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

				ins.	ins.																	
January	6·2	5·8	6·0	1·010	·220	11th	18	10	0	0	4	8	0	2	11	1	8	7	9	4	3	17
February	8·7	8·1	8·4	4·310	·810	7th	20	3	1	0	2	20	0	2	15	2	9	5	6	5	4	8
March	7·9	6·6	7·3	3·650	·530	8th	21	6	3	0	2	15	1	2	4	6	6	4	17	18	3	2
April	7·0	5·5	6·3	1·640	·510	13th	14	0	1	0	5	13	0	1	20	6	8	1	5	9	2	8
May	7·0	4·6	5·8	1·940	·320	15th	13	0	3	0	4	9	0	4	7	6	2	3	13	14	1	12
June	8·1	7·7	7·9	4·250	·520	4th	23	0	2	2	2	19	0	3	4	6	5	6	18	11	3	4
July	8·5	8·2	8·4	3·050	·550	25th	25	0	0	0	2	22	0	3	1	3	0	8	29	13	5	0
August	8·2	6·0	7·1	3·030	1·120	25th	23	0	0	0	1	15	0	2	13	1	0	5	9	11	9	12
September	8·5	6·1	7·3	2·240	·580	23rd	17	0	0	0	1	13	0	5	8	4	8	6	10	4	3	12
October	7·1	6·5	6·8	4·130	**1·460**	**13th**	18	0	0	0	3	13	0	1	3	9	14	10	6	7	4	8
November	7·6	5·7	6·7	4·390	·760	26th	26	0	0	1	1	7	2	0	1	0	4	33	15	2	2	3
December	6·4	5·4	5·9	3·790	·670	13th	24	2	4	0	3	9	1	0	0	0	0	20	22	9	0	11
Year	7·6	6·4	7·0	37·430	—	—	242	21	14	3	30	163	4	25	87	44	64	108	159	107	39	97

COLEBROOKE (BROOKBOROUGH).

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

				ins.	ins.																	
January	7·1	5·1	6·1	0·899	·262	17th	9	5	0	0	6	10	0	1	16	1	5	2	8	0	3	26
February	8·6	6·9	7·8	4·854	·730	7th	16	2	0	0	1	17	5	2	13	1	9	2	6	0	4	19
March	8·0	7·0	7·5	3·809	·670	23rd	17	6	0	0	2	15	7	1	7	3	4	3	11	10	8	15
April	8·0	6·4	7·2	2·076	·640	14th	13	0	0	1	4	15	6	2	23	3	2	1	4	5	4	16
May	7·6	6·3	7·0	1·922	·342	4th	12	0	0	0	5	17	7	0	9	5	5	6	13	4	5	15
June	8·6	8·2	8·4	4·811	·708	16th	22	0	0	1	2	23	6	2	3	5	7	3	19	6	6	9
July	9·6	9·0	9·3	2·020	·340	2nd	20	0	0	2	0	26	4	0	0	0	2	4	32	8	6	10
August	9·5	8·5	9·0	3·118	·925	25th	20	0	0	1	0	26	3	3	9	0	1	3	13	8	10	15
September	9·2	7·7	8·5	2·646	·568	~~23rd~~	14	0	0	1	0	22	2	2	6	4	5	6	4	5	5	23
October	7·8	5·7	6·8	4·175	**1·170**	**13th**	11	0	0	0	4	15	10	0	16	5	7	2	7	3	3	19
November	8·2	8·3	8·3	5·123	·890	26th	23	0	0	0	1	20	15	0	2	4	10	6	29	0	0	9
December	7·9	5·8	6·9	4·907	·568	31st	19	1	0	0	4	12	5	0	0	0	9	5	19	1	0	28
Year	8·3	7·1	7·7	40·360	—	—	196	14	0	6	29	218	70	13	104	31	66	43	165	50	54	204

70/20 ℔/ w.

MARKREE CASTLE, SLIGO

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

1881.	Mean Pressure.	Air Temperature. 9 a.m.	9 p.m.	Mean.	Means of Min.	Means of Max.	Absolute Min. and Max. Min.	Day.	Max.	Day.	Tension of Vapour. 9 a.m.	9 p.m.	Mean.	Relative Humidity. 9 a.m.	9 p.m.	Mean.
	ins.	°	°	°	°	°	°		°		in.	in.	in.	%	%	%
January	29·908	26·8	28·3	27·6	20·3	37·0	−2·3	16th	49·0	1st	·144	·149	·147	88·0	89·9	89·0
February	·771	38·7	38·5	38·6	33·8	44·8	19·4	28th	53·4	7th	·214	·211	·213	88·1	88·3	88·2
March	·818	42·7	40·2	41·5	35·0	49·1	18·9	30th	56·7	13th	·238	·228	·233	83·7	88·5	86·1
April	29·968	46·4	43·4	44·9	38·4	53·8	24·5	6th	59·9	13th	·254	·247	·251	78·6	84·7	81·7
May	30·034	55·4	50·0	52·7	42·4	61·6	32·4	12th	75·2	31st	·330	·309	·320	75·4	85·5	80·5
June	29·878	55·6	51·6	53·6	45·5	61·3	29·7	9th	74·4	1st	·366	·340	·353	82·3	88·1	85·2
July	·910	57·9	54·5	56·2	49·4	63·8	37·5	16th	71·4	5th	·404	·373	·389	83·9	87·1	85·5
August	·790	56·1	52·5	54·3	47·5	62·2	32·6	31st	73·2	4th	·367	·356	·362	81·3	89·5	85·4
September	·960	54·8	51·8	53·3	44·9	61·3	32·7	1st	66·4	10th	·371	·352	·362	86·4	90·8	88·6
October	·974	47·8	45·4	46·6	39·8	53·1	20·1	30th	61·0	1st	·285	·274	·280	84·4	87·9	86·2
November	·596	47·5	46·6	47·1	41·6	53·6	30·9	26th	59·4	13th	·299	·287	·293	89·5	88·5	89·0
December	29·820	37·0	36·6	36·8	30·7	44·4	15·8	12th	52·6	25th	·208	·206	·207	91·4	92·3	91·9
Year	29·869	47·2	45·0	46·1	39·1	53·8	—	—	—	—	·290	·278	·284	84·4	88·4	86·4

DUBLIN (PHŒNIX PARK)

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

	Mean Pressure.	9 a.m.	9 p.m.	Mean.	Min.	Max.	Min.	Day.	Max.	Day.	9 a.m.	9 p.m.	Mean.	9 a.m.	9 p.m.	Mean.
	ins.	°	°	°	°	°	°		°		in.	in.	in.	%	%	%
January	29·919	31·2	31·6	31·4	24·1	38·1	4·0	25th	52·8	27th	·165	·167	·166	88·5	89·7	89·1
February	·801	39·2	38·8	39·0	33·4	45·3	23·3	12th, 28th	55·3	7th	·208	·210	·209	84·9	86·3	85·6
March	·863	43·2	40·4	41·8	35·1	48·4	21·2	28th	56·6	5th	·236	·219	·228	82·6	83·7	83·2
April	29·992	45·5	43·8	44·7	37·8	50·5	27·3	9th	59·3	29th	·250	·235	·243	80·2	80·9	80·6
May	30·073	54·7	48·8	51·8	41·8	60·7	27·6	11th	69·8	30th	·307	·294	·301	71·9	84·3	78·1
June	29·924	57·5	53·0	55·3	46·9	62·3	32·0	8th	74·8	1st, 2nd	·345	·349	·347	72·5	85·7	79·1
July	·959	60·5	57·0	58·8	51·6	66·8	41·0	27th, 28th	76·6	17th	·395	·382	·389	74·2	80·9	77·6
August	·811	57·4	53·5	55·5	48·8	62·7	38·5	21st	73·3	4th	·385	·371	·378	81·6	89·5	85·6
September	29·989	56·0	52·0	54·0	45·1	61·2	35·0	1st	66·1	28th	·368	·352	·360	82·0	90·1	86·1
October	30·012	49·2	44·6	46·9	39·3	53·6	24·0	31st	62·7	1st	·276	·257	·267	77·8	85·4	81·6
November	29·717	50·2	49·0	49·6	42·0	55·6	30·1	18th	66·3	8th	·304	·294	·299	82·9	83·5	83·2
December	29·894	38·4	40·5	39·5	33·2	45·7	20·0	13th	57·0	27th	·203	·214	·209	84·7	82·9	83·8
Year	29·913	48·6	46·1	47·4	39·9	54·2	—	—	—	—	·287	·279	·283	80·3	85·2	82·8

DUBLIN (CITY)

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

	Mean Pressure.	9 a.m.	9 p.m.	Mean.	Min.	Max.	Min.	Day.	Max.	Day.	9 a.m.	9 p.m.	Mean.	9 a.m.	9 p.m.	Mean.
	ins.	°	°	°	°	°	°		°		in.	in.	in.	%	%	%
January	29·914	31·8	33·7	32·8	28·9	37·4	15·2	25th	48·3	1st	·166	·173	·170	88·4	85·7	87·1
February	·793	39·4	40·4	39·9	36·3	44·9	27·1	28th	54·3	7th	·213	·221	·217	86·5	85·6	86·1
March	·858	42·9	42·7	42·8	38·3	48·1	27·1	1st	56·7	10th	·232	·231	·232	81·7	82·0	81·9
April	29·986	45·6	45·4	45·5	40·9	50·2	33·8	3rd	59·4	29th	·244	·245	·245	78·0	79·3	78·7
May	30·072	55·0	52·4	53·7	46·9	60·0	35·1	11th	66·1	12th	·310	·312	·311	71·3	78·5	74·9
June	29·923	57·8	55·3	56·6	50·2	62·6	36·8	8th	74·8	2nd	·350	·351	·351	72·3	79·5	75·9
July	·960	61·0	59·5	60·3	54·7	67·3	44·8	27th	76·6	17th	·409	·396	·403	74·7	77·1	75·9
August	·812	57·4	55·8	56·6	51·7	62·2	45·4	21st	75·5	4th	·388	·383	·386	81·8	85·5	83·7
September	29·991	55·0	54·3	54·7	49·5	59·6	41·2	1st	63·7	24th	·373	·376	·375	86·3	88·9	87·6
October	30·011	48·2	47·1	47·7	43·4	52·7	30·9	16th	59·3	1st	·276	·272	·274	80·0	82·9	81·5
November	29·712	49·9	50·1	50·0	45·5	55·0	35·3	26th	62·3	14th	·304	·299	·302	83·3	81·4	82·4
December	29·891	39·6	40·9	40·3	35·9	45·4	23·6	11th	55·6	2nd	·212	·222	·217	85·2	85·1	85·2
Year	29·910	48·6	48·1	48·4	43·5	53·8	—	—	—	—	·290	·290	·290	80·8	82·6	81·7

MARKREE CASTLE, SLIGO.

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

1881.	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	6·6	6·1	6·4	0·832	·167	11th	11	8	0	0	5	10	0	0	5	7	8	5	2	1	0	34
February	9·1	7·3	8·2	2·721	·528	7th	19	3	2	0	1	18	0	6	4	6	9	5	1	2	3	20
March	7·9	6·6	7·3	2·505	·322	13th	17	7	3	0	3	15	2	6	3	5	6	3	13	4	7	15
April	7·4	6·6	7·0	1·064	·167	14th	14	0	0	0	5	16	0	3	5	10	11	5	6	0	7	13
May	7·5	6·6	7·1	2·110	·500	15th	12	0	3	0	5	17	0	1	1	5	3	7	10	4	9	22
June	9·1	7·9	8·5	3·756	·552	4th	19	0	1	2	1	19	0	5	1	1	10	5	8	3	7	20
July	9·4	8·6	9·0	1·324	·416	24th	20	0	0	0	0	23	0	3	0	0	2	11	13	5	9	19
August	8·8	7·9	8·4	3·106	·888	25th	24	0	0	1	1	20	0	4	7	2	2	8	4	3	9	23
September	8·5	8·1	8·3	3·230	1·183	20th	15	0	0	0	1	18	0	2	2	2	8	2	4	2	4	34
October	7·9	6·7	7·3	2·503	·960	13th	13	0	1	1	4	17	1	1	0	12	17	0	1	3	8	20
November	7·8	6·9	7·4	3·220	·394	26th	26	0	4	0	1	12	3	1	0	1	11	6	20	6	3	12
December	7·7	6·4	7·1	2·930	·481	13th	23	2	3	0	2	15	1	0	0	0	7	11	12	5	2	25
Year	8·1	7·1	7·6	29·301	—	—	213	20	17	4	29	200	7	32	28	51	94	68	94	38	68	257

DUBLIN (PHŒNIX PARK).

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

	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	7·1	7·2	1·720	·800	17th	18	10	1	0	2	15	0	1	1	9	2	1	2	6	0	40
February	8·6	7·1	7·9	3·000	·800	9th	17	6	4	1	2	17	0	2	1	9	2	4	4	12	4	18
March	7·7	6·1	6·9	1·499	·293	6th	17	5	2	0	3	14	0	1	0	7	3	2	10	23	0	16
April	7·9	5·8	6·9	1·429	·790	14th	13	0	2	0	0	11	0	2	4	18	5	2	1	11	0	17
May	6·7	5·0	5·9	2·005	·300	4th	15	0	3	1	6	11	0	1	0	4	4	2	15	9	0	27
June	8·3	7·2	7·8	2·532	·350	19th	21	0	3	1	2	18	0	4	0	1	6	3	14	7	3	22
July	8·6	7·2	7·9	1·600	·580	30th	15	0	1	3	1	18	0	0	1	0	0	0	21	15	1	24
August	8·8	7·4	8·1	5·175	·760	24th	22	0	0	1	0	18	1	1	1	1	1	0	14	17	1	26
September	8·4	7·3	7·9	1·312	·310	20th	13	0	0	1	1	19	0	0	3	6	4	1	9	3	2	32
October	7·1	5·9	6·5	3·920	1·200	22nd	18	0	1	0	4	13	2	3	4	9	9	2	5	10	1	19
November	5·9	6·2	6·1	2·612	·675	27th	19	0	2	0	1	10	0	0	0	0	9	10	22	5	0	14
December	5·9	5·3	5·6	1·550	·330	31st	18	1	0	0	3	7	0	0	0	0	1	8	14	9	0	30
Year	7·6	6·5	7·1	28·354	—	—	206	22	19	8	25	171	3	15	15	64	46	35	131	127	12	285

DUBLIN (CITY).

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

	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	5·6	5·5	5·6	1·369	·868	17th	14	10	8	0	4	10	2	0	5	8	7	5	6	23	4	4
February	7·5	6·7	7·1	2·879	·681	9th	18	5	6	1	4	16	3	4	4	8	9	6	5	8	9	3
March	6·8	5·3	6·1	1·885	·383	2nd	17	6	5	0	6	8	4	2	0	8	10	2	3	25	9	3
April	7·1	5·4	6·3	1·329	·592	13th	13	2	2	0	0	6	1	4	4	21	5	6	2	11	4	3
May	4·8	3·6	4·2	1·532	·226	25th	15	0	2	1	9	5	0	2	3	16	6	0	8	20	4	3
June	6·5	6·0	6·3	2·666	·510	16th	21	0	3	2	2	8	0	6	0	1	8	9	10	16	7	3
July	7·0	5·8	6·4	1·863	·601	30th	15	0	0	2	1	7	0	2	2	4	4	1	18	24	6	1
August	7·4	6·6	7·0	4·739	·700	11th	21	0	1	1	0	10	0	5	5	5	1	1	11	22	11	1
September	6·8	6·9	6·9	1·599	·558	20th	12	0	0	1	1	8	1	7	7	3	3	8	6	16	7	3
October	6·3	5·3	5·8	3·470	·994	22nd	18	0	1	0	5	10	6	2	2	21	10	4	2	10	8	3
November	5·2	6·1	5·7	2·173	·614	27th	18	1	1	1	3	6	6	0	0	0	7	14	24	13	0	2
December	5·8	4·9	5·4	1·529	·314	13th	16	3	3	0	5	6	1	0	0	0	2	9	15	28	1	7
Year	6·4	5·7	6·1	27·033	—	—	198	27	32	9	40	100	24	34	32	95	72	65	110	216	70	36

BIRR CASTLE, PARSONSTOWN - - - - - - -

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

1881.	Mean Pressure.	Air Temperature. 9 a.m.	9 p.m.	Mean.	Means of Min.	Means of Max.	Absolute Min. and Max. Min.	Date.	Max.	Date.	Tension of Vapour. 9 a.m.	9 p.m.	Mean.	Relative Humidity. 9 a.m.	9 p.m.	Mean.
	ins.	°	°	°	°	°	°		°		in.	in.	in.	%	%	%
January - -	29·917	28·4	30·5	29·5	23·4	36·8	5·0	21st	48·8	30th	·155	·166	·161	92·0	92·7	92·4
February - -	·800	39·2	39·3	39·3	34·8	45·5	22·1	28th	54·5	7th	·219	·222	·221	88·5	90·2	89·4
March - -	·864	42·8	40·8	41·8	35·8	49·8	22·2	30th	57·9	5th, 13th	·266	·254	·260	94·6	96·9	95·8
April - -	29·972	46·5	43·6	45·1	37·9	53·8	27·0	9th	61·0	13th	·243	·233	·238	74·9	79·6	77·3
May - -	30·074	55·9	51·7	53·8	44·6	62·6	35·0	11th	77·2	31st	·320	·306	·313	71·7	79·5	75·6
June - -	29·923	57·1	53·6	55·4	48·1	62·4	32·0	9th	75·5	1st	·351	·342	·347	74·5	82·3	78·4
July - -	·972	59·2	56·8	58·0	52·3	65·8	40·9	21st	75·9	17th	·404	·390	·397	79·7	83·5	81·6
August - -	·823	56·9	53·9	55·4	49·2	63·2	40·7	1st	72·0	4th	·384	·369	·377	82·3	87·7	85·0
September -	·982	54·5	51·8	53·2	45·7	61·1	36·9	3rd	64·2	1st	·361	·346	·354	84·5	89·2	86·9
October - -	·993	48·1	45·6	46·9	40·8	53·9	24·8	30th	62·0	1st	·274	·263	·269	79·7	83·9	81·8
November -	·686	48·8	47·9	48·4	43·3	54·1	31·0	26th	59·5	13th	·297	·295	·296	84·7	86·3	85·5
December -	29·892	37·7	37·9	37·8	32·9	44·1	18·6	12th	54·3	6th	·205	·208	·207	87·2	89·4	88·3
Year -	29·908	47·9	46·1	47·0	40·7	54·4	—	—	—	—	·290	·283	·287	82·9	86·8	84·8

At 32° F.
29·711 January
·599 February
·664 March
·772 April
·878 May
·727 June
·777 July
·628 August
·785 September
·794 October
·489 November
29·690 December
29·710 Year

BIRR CASTLE, PARSONSTOWN.

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

1881.	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.	N.W.	Calm.
				ins.	ins.																	
January -	7·2	6·0	6·6	0·386	·073	4th, 23rd	8	5	4	0	4	14	1	5	7	4	12	7	4	2	2	19
February -	7·7	7·5	7·6	3·393	1·094	9th	16	4	0	0	3	17	6	7	1	3	12	14	4	2	5	8
March -	7·4	6·5	7·0	2·388	·328	13th, 22nd	15	2	3	0	2	13	3	1	4	5	11	7	15	11	7	1
April -	7·6	6·6	7·1	1·393	·444	30th	12	0	4	0	1	14	2	4	16	7	9	6	8	7	2	1
May -	5·4	4·7	5·1	2·497	·450	16th	13	0	1	0	7	9	1	6	0	9	5	8	16	11	4	3
June -	7·2	7·1	7·2	4·182	·492	16th	21	0	1	1	2	11	0	3	0	1	9	7	11	17	9	3
July -	8·1	7·9	8·0	1·917	·363	30th	15	0	1	0	0	17	1	2	0	0	3	8	22	13	12	2
August -	7·4	7·3	7·4	4·736	·816	11th	23	0	0	0	1	12	0	2	3	3	1	7	15	14	9	8
September -	6·8	6·7	6·8	3·985	1·610	20th	12	0	0	0	2	12	0	6	3	3	9	14	5	5	5	10
October -	6·6	6·5	6·6	2·541	·895	13th	9	0	0	0	5	13	3	2	1	10	16	3	8	5	4	13
November -	6·1	6·4	6·3	4·171	·810	27th	21	0	0	2	2	7	1	0	0	1	12	19	16	3	1	8
December -	5·8	6·5	6·2	4·333	·734	2nd	19	0	2	0	2	8	0	2	1	1	9	20	10	7	2	10
Year -	6·9	6·6	6·8	35·922	—	—	184	11	16	3	31	147	18	40	36	47	108	120	134	97	62	86

PART III.—ANNUAL SUMMARY of OBSERVATIONS taken at 9 a.m. and 9 p.m. each Day, Local Time, at BRITISH STATIONS OF THE SECOND ORDER.

1881 - - - - - - - - - - - - 1881.

Stations. Name.	Height above Mean Sea Level.	Long.	Lat.	Mean Pressure.	Air Temperature. 9 a.m.	9 p.m.	Mean.	Means of Min.	Means of Max.	Absolute Min. and Max. Min.	Date.	Absolute Min. and Max. Max.	Date.	Tension of Vapour. 9 a.m.	9 p.m.	Mean.	Relative Humidity. 9 a.m.	9 p.m.	Mean.
	feet.	° ′	° ′	ins.	°	°	°	°	°	°		°		in.	in.	in.	%	%	%
Sandwick	94	3 18 W.	59 2 N.	29·816	44·6	43·3	44·0	40·4	48·5	7·8	Jan. 18th	69·9	July 11th	·258	·251	·255	85·8	88·1	87·0
Dunrobin Castle	12	3 59 W.	57 57 N.	29·848	46·2	43·9	45·1	39·4	50·6	13·5	Jan. 17th	73·3	June 2nd	·275	·265	·270	84·9	88·8	86·9
Braemar	1,111	3 24 W.	57 0 N.	—	—	—	—	—	—	-4·3	Jan. 17th	—	—	—	—	—	—	—	—
Laudale	14	5 41 W.	56 41 N.	29·845	46·8	45·9	46·4	40·9	51·7	13·0	Jan. 16th	75·0	June 1st	—	—	—	—	—	—
Dundee	160	2 56 W.	56 28 N.	·872	45·1	42·8	44·0	38·6	50·7	8·2	Jan. 17th	79·9	May 30th	·256	·250	·253	80·9	85·7	83·3
Rothesay	115	5 4 W.	55 50 N.	·884	46·3	44·6	45·5	39·4	52·3	15·2	Jan. 16th	74·0	June 1st	·284	·273	·278	85·7	87·8	86·8
Pinmore	187	4 59 W.	55 14 N.	·884	46·1	43·8	45·0	38·1	53·3	3·5	Jan. 16th, Jan. 17th, Jan. 24th	77·9	May 27th	·274	·264	·269	83·8	87·9	85·9
Scaleby	111	2 52 W.	54 58 N.	·890	45·8	44·2	45·0	38·5	52·0	-7·0	Jan. 16th	77·5	May 29th	·278	·272	·275	84·5	87·9	86·2
Seaham	58	1 19 W.	54 50 N.	·896	47·4	44·7	46·1	40·1	51·4	6·3	Jan. 26th	79·2	Aug. 5th	·279	·271	·275	82·9	89·4	86·2
Durham*	336	1 35 W.	54 46 N.	·898	47·6	42·8	45·2	38·3	52·7	0·2	Jan. 17th	83·4	June 2nd	·284	·265	·275	82·9	91·1	87·0
Aysgarth	658	1 58 W.	54 18 N.	·915	44·6	42·8	43·7	38·1	50·3	-2·8	Jan. 26th	78·8	July 5th	·252	·247	·250	80·7	84·8	82·8
Scarborough	129	0 23 W.	54 17 N.	·912	47·6	46·1	46·9	42·3	52·1	10·5	Jan. 26th	81·0	Aug. 5th	·281	·279	·280	82·3	85·8	84·1
Douglas	137	4 29 W.	54 10 N.	·895	47·9	45·7	46·8	41·4	52·3	12·0	Jan. 17th	74·0	June 2nd	·292	·284	·288	84·3	88·2	86·3
York	51	1 5 W.	53 57 N.	·928	46·5	45·7	46·1	40·0	53·7	1·0	Jan. 15th	83·3	July 5th	·273	·275	·274	83·8	86·9	85·4
Wakefield	96	1 30 W.	53 41 N.	·927	47·3	46·2	46·8	40·3	54·0	12·1	Jan. 18th	86·8	July 5th	·291	·290	·291	84·0	87·5	85·8
Llandudno	88	3 50 W.	53 21 N.	·914	49·3	47·9	48·6	43·6	53·9	14·5	Jan. 26th	74·8	July 4th	·293	·285	·289	79·7	81·8	80·8
Buxton	987	1 54 W.	53 14 N.	·976	44·6	42·4	43·5	37·0	51·1	1·2	Jan. 25th	82·6	July 5th	·267	·257	·262	86·3	89·9	88·1
Cheadle	646	1 57 W.	52 58 N.	·941	44·9	44·1	44·5	39·2	52·0	9·9	Jan. 25th	81·8	July 5th	·264	·260	·262	85·2	86·8	86·0
Hillington	88	0 33 E.	52 48 N.	·939	48·3	45·0	46·7	39·7	54·8	1·3	Jan. 26th	89·5	July 15th	·292	·282	·287	82·5	89·5	86·0
Leicester	237	1 8 W.	52 39 N.	·938	47·9	46·8	47·4	40·5	54·8	5·2	Jan. 15th	87·0	July 15th	·277	·278	·278	80·6	84·3	82·5
Uppingham	484	0 44 W.	52 35 N.	29·944	46·9	44·6	45·8	39·8	54·0	9·5	Jan. 16th	88·6	July 5th	·292	·280	·286	85·8	89·5	87·7
Oscott	460	1 51 W.	52 33 N.	—	—	—	—	—	—	7·6	Jan. 25th	86·8	July 5th	--	—	—	—	—	—
Churchstoke	538	3 5 W.	52 31 N.	29·954	46·0	44·6	45·3	38·8	53·4	-1·0	Jan. 26th	83·3	July 5th	·276	·268	·272	84·4	86·6	85·5
Geldeston	37	1 31 E.	52 28 N.	29·945	48·7	46·5	47·6	41·2	54·6	3·5	Jan. 26th	91·2	July 15th	·288	·287	·288	80·4	86·4	83·4
Cheltenham	184	2 3 W.	51 54 N.	—	48·1	46·2	47·2	38·9	55·1	-3·3	Jan. 20th	86·8	July 5th	·292	·287	·290	82·6	86·5	84·6
St. David's, Pembroke.	188	5 16 W.	51 53 N.	29·931	49·3	47·8	48·6	44·0	53·5	16·1	Jan. 26th	76·9	July 5th	·310	·302	·306	84·8	87·2	86·0
Carmarthen	188	4 18 W.	51 52 N.	·940	48·8	46·5	47·6	41·3	55·1	3·8	Jan. 15th	83·3	July 5th	·299	·291	·295	82·8	87·8	85·3
Chigwell Row	186	0 6 E.	51 37 N.	·989	49·2	46·8	48·0	41·5	56·2	13·8	Jan. 22nd	93·8	July 15th	·300	·293	·297	83·6	88·7	86·2
Marlborough	471	1 43 W.	51 25 N.	·972	47·6	45·6	46·6	39·9	54·9	6·9	Jan. 15th	87·1	July 15th	·284	·281	·283	82·2	87·1	84·7
Strathfield Turgiss	195	1 0 W.	51 20 N.	·970	49·4	46·5	48·0	—	56·8	3·9	Jan. 22nd	93·8	July 15th	·293	·288	·291	78·8	85·9	82·4
Ramsgate	105	1 25 E.	51 20 N.	·979	49·5	47·8	48·7	43·5	55·0	15·0	Jan. 15th	84·7	July 19th	·320	·308	·314	85·8	88·2	87·0
Southampton	78	1 24 W.	50 55 N.	·972	50·2	48·0	49·1	42·6	56·9	13·2	Jan. 15th	91·7	July 15th	·308	·306	·307	81·0	86·7	83·9
St. Leonards	116	0 33 E.	50 51 N.	29·981	49·9	48·0	49·0	44·2	54·4	16·7	Jan. 22nd	85·6	July 15th	·305	·303	·304	81·5	86·3	83·9
Dartmoor	1,359	3 59 W.	50 33 N.	—	—	—	—	—	—	10·0	Jan. 25th	79·0	July 15th	—	—	—	—	—	—
Babbacombe	293	3 31 W.	50 29 N.	29·966	50·3	47·7	49·0	43·4	55·9	15·3	Jan. 20th	82·8	July 15th	·306	·295	·301	80·7	85·6	83·2
Totnes	93	3 43 W.	50 27 N.	29·973	50·9	47·5	49·2	41·1	57·7	8·8	Jan. 20th, Jan. 23rd	87·5	July 15th	·310	·303	·307	79·9	87·7	83·8
St. Aubin's, Jersey	139	2 10 W.	49 11 N.	30·022	52·5	50·0	51·2	46·3	56·6	21·3	Jan. 22nd	87·7	July 15th	·321	·315	·318	78·7	84·6	81·7
Londonderry	93	7 19 W.	55 0 N.	29·880	47·8	45·7	46·8	40·2	53·7	11·8	Jan. 17th	80·4	May 31st	·282	·280	·281	81·0	87·2	84·1
Colebrooke	278	7 22 W.	54 21 N.	·864	45·3	45·4	45·4	39·6	53·1	0·0	Jan. 22nd	77·1	June 1st	·278	·282	·280	88·4	89·8	89·1
Markree Castle	131	8 27 W.	54 11 N.	·869	47·2	45·0	46·1	39·1	53·8	-2·3	Jan. 16th	75·2	May 31st	·290	·278	·284	84·4	88·4	86·4
Dublin (Phœnix Park).	162	6 21 W.	53 22 N.	913	48·6	46·1	47·4	39·9	54·2	4·0	Jan. 25th	76·6	July 17th	·287	·279	·283	80·3	85·2	82·8
Dublin (City)	51	6 15 W.	53 20 N.	·910	48·6	48·1	48·4	43·5	53·8	15·2	Jan. 25th	76·6	July 17th	·290	·290	·290	80·8	82·6	81·7
Birr Castle, Parsonstown.	182	7 55 W.	53 6 N.	29·908	47·9	46·1	47·0	40·7	54·4	5·0	Jan. 21st	77·2	May 31st	·290	·283	·287	82·9	86·8	84·8

Stations.	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.	N.W.	Calm.
				ins.	ins.																	
Sandwick	7·2	7·0	7·1	36·960	1·660	Feb. 7th	233	32	7	2	31	160	102	61	51	36	106	131	80	108	76	81
Dunrobin Castle	—	—	—	32·360	1·400	Feb. 3rd	167	21	3	1	—	—	—	49	115	107	51	35	64	181	123	5
Braemar	—	—	—	—	2·560	Aug. 25th	—	42	0	2	—	—	—	—	—	—	—	—	—	—	—	—
Laudale	6·8	6·6	6·7	73·510	2·060	Dec. 13th	223	59	33	5	27	135	43	33	16	106	82	97	109	97	52	138
Dundee	8·0	7·9	8·0	34·050	2·350	Sept. 21st	148	38	11	11	15	223	66	11	105	26	171	6	120	154	137	0
Rothesay	—	—	—	50·294	1·236	Aug. 25th	222	19	2	5	—	—	—	20	56	111	78	54	101	93	117	100
Pinmore	—	—	—	49·870	1·380	Nov. 30th	209	—	—	—	—	—	—	94	42	91	73	129	91	128	82	0
Scaleby	7·2	6·1	6·7	35·940	1·840	June 30th	195	15	7	6	39	152	34	26	70	127	32	30	201	85	15	144
Seaham	6·4	5·8	6·1	31·391	1·560	March 5th	181	42	11	13	45	109	12	67	47	49	42	98	138	96	47	146
Durham*	7·2	6·1	6·7	28·093	1·220	July 5th	184	41	8	10	38	169	4	59	73	48	42	164	140	83	97	24
Aysgarth	7·2	6·1	6·7	45·770	1·800	Sept. 21st	206	56	17	9	26	142	27	69	65	54	32	45	163	139	54	109
Scarborough	6·8	5·8	6·3	34·600	2·470	Aug. 29th	198	38	20	9	39	136	22	87	57	56	70	79	171	155	52	3
Douglas	7·1	6·5	6·8	47·807	1·534	Aug. 25th	209	25	22	9	21	146	52	45	52	101	69	61	100	116	81	105
York	6·2	5·8	6·0	28·670	1·090	Aug. 23rd	198	35	8	13	52	126	5	91	44	68	52	152	77	167	63	16
Wakefield	—	—	—	29·320	1·200	March 5th	189	—	—	—	—	—	—	86	70	69	61	63	106	196	75	4
Llandudno	6·7	5·6	6·2	31·976	1·800	July 5th	174	23	14	8	60	148	31	60	32	110	51	56	81	297	43	0
Buxton	7·4	6·1	6·8	57·485	1·870	Feb. 7th	183	55	14	18	16	134	5	7	62	51	120	3	130	78	269	10
Cheadle	7·0	5·9	6·4	34·400	1·090	Feb. 7th	187	37	13	20	41	144	37	82	49	108	67	61	93	97	109	64
Hillington	7·5	6·5	7·0	26·967	·880	June 5th, July 6th	214	32	10	15	26	162	14	47	87	62	85	78	192	74	103	2
Leicester	7·3	6·1	6·7	27·580	1·360	Aug. 8th	178	20	4	7	40	157	12	39	149	11	51	47	250	49	72	62
Uppingham	7·4	6·3	6·9	26·740	1·514	Aug. 23rd	177	35	3	9	38	160	21	74	72	45	37	91	114	154	70	73
Oscott	—	—	—	23·720	·830	Aug. 22nd	145	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Churchstoke	7·1	6·0	6·6	28·580	1·696	Dec. 16th	178	35	9	13	43	145	24	36	63	52	85	32	147	136	112	67
Geldeston	6·9	5·7	6·3	24·290	1·250	Aug. 29th	206	31	26	13	51	148	24	62	75	92	43	69	118	144	64	63
Cheltenham	6·9	5·8	6·4	25·280	·970	Dec. 17th	185	22	6	15	29	123	7	55	47	32	62	124	144	109	47	110
St. David's, Pembroke.	6·8	6·0	6·4	35·270	1·165	Dec. 3rd	209	15	12	9	34	133	24	54	105	86	80	61	172	95	56	21
Carmarthen	6·6	5·5	6·0	47·600	1·580	Oct. 13th	198	9	8	3	70	141	15	50	28	116	39	44	120	94	26	213
Chigwell Row	7·1	5·7	6·4	25·970	·820	Sept. 24th, Dec. 17th	178	25	3	8	41	142	5	89	73	101	58	61	111	116	71	50
Marlborough	7·1	5·8	6·5	32·590	—	—	166	19	7	6	49	153	2	26	27	82	22	55	75	97	24	322
Strathfield Turgiss	6·6	5·6	6·1	25·767	1·337	Aug. 12th	148	18	3	9	60	136	1	50	105	54	61	68	151	122	88	31
Ramsgate	6·7	6·2	6·5	28·290	1·220	Aug. 12th	196	19	8	6	48	147	23	15	86	100	24	48	221	46	58	132
Southampton	7·2	5·9	6·6	29·418	1·190	Nov. 26th	168	21	10	10	56	170	21	41	139	39	65	43	197	65	107	34
St. Leonards	6·4	5·3	5·9	30·734	1·643	Oct. 8th	192	27	11	21	70	127	57	85	106	70	40	67	127	128	79	28
Dartmoor	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Babbacombe	6·9	6·0	6·5	38·110	1·500	Mar. 13th, Oct. 20th	178	18	14	9	38	145	58	58	116	82	36	72	150	132	67	17
Totnes	6·8	5·6	6·2	49·160	1·930	Oct. 20th	185	20	10	9	46	133	24	27	37	54	60	46	114	64	83	245
St. Aubin's, Jersey	6·6	5·4	6·0	32·717	1·040	Nov. 26th	183	10	25	8	54	127	23	33	127	78	53	67	109	96	65	102
Londonderry	7·6	6·4	7·0	37·430	1·460	Oct. 13th	242	21	14	3	30	163	4	25	87	44	64	108	159	107	39	97
Colebrooke	8·3	7·1	7·7	40·360	1·170	Oct. 13th	196	14	0	6	29	218	70	13	104	31	66	43	165	50	54	204
Markree Castle	8·1	7·1	7·6	29·301	1·183	Sept. 20th	213	20	17	4	29	200	7	32	28	51	94	68	94	38	68	257
Dublin (Phœnix Park).	7·6	6·5	7·1	28·354	1·200	Oct. 22nd	206	22	19	8	25	171	3	15	15	64	46	35	131	127	12	285
Dublin (City)	6·4	5·7	6·1	27·033	·994	Oct. 22nd	198	27	32	9	40	100	24	34	32	95	72	65	110	216	70	36
Birr Castle, Parsonstown.	6·9	6·6	6·8	35·922	1·610	Sept. 20th	184	11	16	3	31	147	18	40	36	47	108	120	134	97	62	86

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

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

PART IV.

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

1881.	January.		February.		March.		April.		May.		June.		July.		August.		September.		October.		November.		December.		1881.
	Hours.	%	Hours.	%	Hours.	%	Hours.	%	Hours.	%	Hours.	%	Hours.	%	Hours.	%	Hours.	%	Hours.	%	Hours.	%	Hours.	%	
Sandwick	42	20	37	13	61	17	123	29	213	41	150	28	145	27	138	29	80	21	74	24	31	14	27	13	Sandwick.
Durham	50	21	38	14	123	34	110	26	255	32	141	27	169	33	144	32	65	17	94	30	53	22	51	23	Durham.
Douglas	68	28	69	26	118	32	183	44	278	37	205	41	142	28	143	31	112	30	102	32	57	23	71	32	Douglas.
York	36	15	35	13	106	29	149	36	271	35	157	31	175	35	130	29	78	21	94	29	45	18	26	12	York.
Llandudno	70	28	66	25	85	23	136	33	254	32	194	39	161	32	103	23	106	28	114	35	54	21	16	7	Llandudno.
Hillington	47	19	31	11	130	36	157	38	257	33	187	38	229	46	128	28	94	25	95	30	46	18	37	16	Hillington.
Leicester	23	9	38	14	109	30	132	32	215	44	156	31	198	40	115	26	84	22	105	33	66	26	49	21	Leicester.
Churchstoke	40	16	54	20	124	34	166	40	249	31	159	32	174	35	115	26	98	26	100	31	62	25	49	21	Churchstoke.
Geldeston	66	26	35	13	165	45	194	47	282	39	224	45	257	52	158	35	107	29	126	39	76	30	46	20	Geldeston.
Pembroke*	95	38	82	30	129	35	163	40	295	61	237	48	184	37	177	40	169	43	117	36	66	26	75	32	Pembroke.*
Southampton	56	22	55	20	147	40	142	35	250	32	199	41	268	55	173	39	146	39	145	45	50?	19?	44?	19?	Southampton.
St. Aubin's, Jersey	100	37	76	27	135	37	134	33	266	37	257	54	284	59	233	53	181	49	161	49	76	28	76	31	St. Aubin's, Jersey.
Markree Castle	65	27	45	17	122	34	177	42	234	48	126	25	112	22	160	35	97	26	101	31	69	28	67	30	Markree Castle.
Dublin†	63	25	61	23	118	32	141	34	274	56	161	32	153	31	140	31	102	27	122	38	97	38	62	27	Dublin.†
Parsonstown	71	29	56	21	114	31	171	41	251	52	150	30	154	31	146	32	102	27	100	31	95	37	67	29	Parsonstown.

SELF-RECORDING OBSERVATORIES.

Valencia	127	51	72	26	127	35	162	39	286	59	161	33	122	25	133	30	125	33	92	28	66	26	63	27	Valencia.
Armagh	57	24	43	16	102	28	156	37	235	48	161	32	118	23	137	30	82	22	116	36	76	31	62	28	Armagh.
Glasgow	18	8	48	18	79	22	168	40	228	46	156	30	111	21	144	31	67	18	76	24	29	12	12	6	Glasgow.
Aberdeen	85	38	41	16	138	38	126	30	250	50	178	34	141	27	150	32	58	15	80	26	52	22	55	27	Aberdeen.
Falmouth	63	24	71	26	140	38	118	29	282	60	256	33	238	49	191	43	191	51	147	45	84	32	65	27	Falmouth.
Stonyhurst	64	27	48	18	97	27	160	38	266	54	169	34	147	29	119	26	109	29	119	37	33	13	18	8	Stonyhurst.
Kew	34	13	28	10	112	31	134	33	227	48	214	44	251	51	161	36	95	25	110	34	63	24	43	18	Kew.

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