

## APPENDIX III.

## WINDS AT LIVERPOOL.\*

- I. FOR THE YEAR, from the means of 15 years' observations.
- II. FOR THE DIFFERENT SEASONS OF THE YEAR, from the means for 12 years.
- III. FOR THE DAY, as illustrated by the year 1863.

I. The direction and velocity of the wind at Liverpool, as indicated by the self-registering apparatus of the Observatory, have now been recorded, with very trifling interruptions, since 1851. Some of the principal results to be obtained from these records have from time to time been published by Mr. Hartnup, the astronomer to the Mersey docks' estate, chiefly in the form of occasional or annual reports to the board of directors. These reports and some other data which Mr. Hartnup has kindly supplied furnish the principal argument for this paper.

In 1867 the observatory was removed from the Liverpool to the Birkenhead side of the river Mersey. The following remarks refer only to the records of the Liverpool side, and include the observations for 15 consecutive years, 1852 to 1866, inclusive.

The Liverpool anemometer was situated on the Pier Head of the Waterloo Dock and was well exposed to all except Easterly Winds. Its Robinson's cups were about 70 feet above half-tide level; they were eight inches each in diameter, and their centres were three feet from the axis of rotation.

Table No. 1 shows the amount of wind in miles which passed the Observatory during each year, arranged under the 16 principal points of the compass; the total number of miles for each year; the totals and means for three periods of five years and for the whole 15 years.

At foot of this table are also given the mean Northerly and Easterly components, and their sum for each specified point. Winds blowing *towards* the North or towards the East are considered as *plus* and winds in the contrary directions as *minus*.

The resultant is a mean annual movement of the air amounting to 32,645 miles *towards* the direction N. 64° 8' E., equivalent to 3.73 miles per hour as compared with an actual mean movement of 13.02 miles per hour.

In the last column but one of this table which shows the total number of miles of air which passed over the observatory for each year, it will be observed that the extreme range during the 15 years is from 100,000 miles in 1857 to 132,000 miles in 1863, the mean being 114,000 miles, or equal to 13 miles per hour for the whole year. The extremes are respectively 11 miles per hour, and 15 miles per hour for the year. The greatest difference between any two consecutive years is 21,197 miles, or equal to 2.4 miles per hour for the whole year.

While the total number of miles for any whole year compared with any other varies only in the proportion 10 to 13 it will be seen that the number of miles under the several points of the compass varies from the proportion 1 to 2 to so much as 1 to 7. The last proportion occurs on the S.E. and N.N.W. points. The greatest number of miles on any points being, as Mr. Hartnup has already indicated, on the S.S.E. and W.N.W. points.

As resolved into directions towards the North and East, the following are the maximum values:—

North + 12,735 miles on the S.S.E. point, — 6,937 miles on the N.N.W. point.

East + 16,735 miles on the W.N.W. point, — 5,506 miles on the S.E. point.

\* Received through Sir George B. Airy, P.R.S., July 3rd, 1872.

N.B.—It will be observed that in this Paper the Resultant wind directions are given *towards* the point of the compass, instead of from it, as is the usual practice in dealing with wind observations.—(Editor.)

Reprinted from  
Official No. 30.

## METEOROLOGICAL OBSERVATIONS

AT

## STATIONS OF THE SECOND ORDER.

COMPILED FOR THE QUARTERLY WEATHER REPORTS PUBLISHED BY DIRECTION OF  
THE METEOROLOGICAL COMMITTEE OF THE ROYAL SOCIETY.



LONDON:

PRINTED BY GEORGE EDWARD EYRE AND WILLIAM SPOTTISWOODE,  
PRINTERS TO THE QUEEN'S MOST EXCELLENT MAJESTY.

FOR HER MAJESTY'S STATIONERY OFFICE.

1876.



# METEOROLOGICAL OBSERVATIONS

## STATIONS OF THE SECOND ORDER.

COMPILED FOR THE QUARTERLY WEATHER REPORTS PUBLISHED BY DIRECTION OF THE METEOROLOGICAL COMMITTEE OF THE ROYAL SOCIETY.



PRINTED BY GEORGE EDWARD FRYER AND WILLIAM BROTHERWOOD, 15, ABINGDON STREET, LONDON, W.

1875

## APPENDIX I.

### OBSERVATIONS FROM STATIONS OF THE SECOND ORDER.

In accordance with the recommendation of the Permanent Committee of the Vienna Congress, the Meteorological Committee of the Royal Society have determined to publish the actual observations at certain stations of the second order in the United Kingdom, beginning with January 1875. These stations are

	Observer.
* Hawes, Yorkshire	- - - Rev. J. Dunne Parker, LL.D.
* Calcethorpe, Lincolnshire	- - - D. G. Briggs.
* Buxton, Derbyshire	- - -

## ERRATA.

1876.

- Page [58]. Hawes, August, Mean barometer at 9 p.m.:—  
For "29·938" read "29·932."
- " [98]. Hawes, Mean pressure, August and Year:—  
For "29·920," 29·876," read "29·917," "29·875."
- " [99]. Hull, Height of Rain-gauge above ground:—  
For "6 feet 10 inches" read "1 foot."
- " [105]. Uppingham, Rainfall, October and Year:—  
For "1·699," "30·305," read "1·720," "30·326."

*Correction carried out P.L.*

1877.

- Page 21. Strathfield Turgiss, Height above M. S. L.:—  
For "196 feet" read "195 feet."

F 128.

Lightning without Thunder, or } <	"Duft") - - - } v	Lunar Corona - - - u
Sheet Lightning - - - }	Glazed Frost ("Glatteis") - - - ~	Lunar Halo - - - u
Hail - - - - - Δ	Snow-drift - - - +	Rainbow - - - (
Soft-Hail ("Graupel") - - - Δ	Ice Crystals - - - ←	Aurora - - - W
Mist, Fog - - - - - w	Strong Wind - - - /	Dust Haze ("Höhenrauch") - - - s

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. ●<sup>0</sup> slight Rain.

●<sup>2</sup> heavy Rain.

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

† "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."

38974. Wt. 16899.

A 2



In giving the period of occurrence of the various phenomena "m" is always understood, thus,—

a. indicates a.m.  
p. " " p.m.  
9a.-9p. " from 9 a.m. to 9 p.m.

The form in which the observations are published is that recommended for international use by the Permanent Committee, as will be seen from p. 9 of their Report.

The readings of the barometer are reduced to 32° Fah. at Mean Sea Level by the table given in the "Instructions in the use of Meteorological Instruments," 1875.

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

The minimum and maximum thermometers have been set at 9 p.m. (except at Oscott, where they were read at 9 a.m. in January), 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, where 0 represents calm, and 12 represents a hurricane.

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

The rainfall is measured at 9 a.m. each day and the amount registered entered to the previous day.

## HAWES.

Height above Mean Sea Level, 800 feet. Long. 2° 11' W. Lat. 54° 18' N.

JANUARY 1875.

Day.	Barometer.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction, and Force.		Amount of Cloud.		Rain-fall.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	
1	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	SE 3	SE 3	10	10	ins.	† all day. * 2.30p till 2.30a, and.
2	30.126	29.790	38.0	40.0	26.5	40.0	208	226	91	92	SW 3	SW 3	7	10	4.50	Thaw. V
3	30.680	29.795	38.0	40.0	26.5	40.0	208	226	91	92	SW 3	SW 3	7	10	4.50	
4	30.660	29.795	38.0	40.0	26.5	40.0	208	226	91	92	SW 3	SW 3	7	10	4.50	
5	30.697	29.795	38.0	40.0	26.5	40.0	208	226	91	92	SW 3	SW 3	7	10	4.50	
6	30.846	29.795	38.0	40.0	26.5	40.0	208	226	91	92	SW 3	SW 3	7	10	4.50	
7	30.876	29.795	38.0	40.0	26.5	40.0	208	226	91	92	SW 3	SW 3	7	10	4.50	
8	30.043	30.171	39.0	38.2	38.0	45.8	234	231	98	100	SSE 1	SSE 1	10	10	—	before 9p.
9	30.156	30.054	35.0	37.0	35.0	39.0	204	220	100	100	ESE 1	ESE 1	10	10	—	
10	29.951	29.784	37.0	42.0	36.5	42.0	220	225	100	85	E 1	ESE 2	10	10	—	
11	29.807	29.772	37.0	39.0	37.0	42.0	220	238	100	100	ESE 1	ESE 1	10	10	—	
12	29.882	29.744	39.3	45.0	36.5	46.2	240	287	100	96	Calm	Calm	0	10	—	before 9a.
13	29.996	29.776	45.0	46.3	41.1	47.3	268	290	90	93	S 1	SSW 2	9	7	—	before 9a.
14	29.854	29.991	48.2	46.3	45.7	49.5	332	288	99	92	SW 2	SW 2	10	3	—	before 9a.
15	29.733	29.853	49.0	45.1	44.1	49.5	305	279	88	93	S 2	WSW 4-5	10	8	—	
16	29.521	29.838	43.0	42.0	41.0	45.2	277	256	100	96	SW 2	W 3	10	7	—	
17	29.610	29.654	45.3	41.0	37.5	45.3	276	257	92	100	Calm	Calm	0	7	—	9p.
18	29.516	29.594	48.4	45.0	40.5	49.0	328	282	96	94	SW 3	SW 4-5	10	10	1.790	
19	29.559	29.334	46.4	48.0	39.0	49.5	311	335	98	100	SW 6-7	SW 6-7	10	10	1.460	
20	29.450	29.238	42.5	40.8	39.5	48.3	246	223	90	88	WSW 4-5	WSW 4-5	10	10	—	before 9p. R
21	29.344	29.514	34.7	27.0	25.5	41.6	188	114	93	79	NW 2	Calm	0	10	—	△ * 9a. * before 9p.
22	29.824	29.912	31.3	—	26.0	38.3	164	—	93	—	NW 1	Calm	0	2	—	Large U 8p-9.30p.
23	29.499	29.421	34.2	39.4	33.0	42.5	197	241	100	100	NW 1	Calm	0	10	1.150	
24	28.862	28.818	38.7	37.8	36.0	47.7	221	210	94	93	SSW 4-5	WSW 3	7	10	—	
25	29.156	29.734	35.7	35.0	35.0	47.6	196	180	94	88	WNW 2	Calm	0	10	—	
26	30.147	30.104	30.7	34.0	30.6	36.1	163	196	95	100	ESE 1	E 2	10	10	—	
27	30.063	29.974	46.0	44.0	34.0	48.5	294	270	95	94	SSW 2	SSW 4-5	10	10	—	T 1.30p. * 4p.
28	30.036	30.036	43.4	44.0	42.7	46.3	266	265	95	92	SW 3	WSW 3	7	10	—	
29	30.260	30.345	40.0	34.8	34.6	44.0	232	202	94	100	W 2	E 2	10	10	—	Raw and damp day.
30	30.605	30.592	31.7	36.0	31.3	41.0	162	181	91	86	Calm	W 1	10	10	—	
31	30.444	30.317	41.0	41.8	35.2	44.7	235	247	92	94	WSW 2	WSW 2	10	10	—	
Means	29.866	29.813	40.2	40.7	35.3	44.2	240	242	95.0	94.2	1.9	1.9	9.1	8.7	10.060	

\* Mean of 30 days only.

† Mean of 29 days only.

## CALCETHORPE.

Height above Mean Sea Level, 379 feet. Long. 0° 7' W. Lat. 53° 23' N.


JANUARY 1875.

Day.	Barometer.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction, and Force.		Amount of Cloud.		Rain-fall.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	
1	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	SE 1	SSE 7	7	10	ins.	in afternoon. Rough night
2	30.226	29.851	18.8	27.3	7.0	33.7	090	140	90	94	SE 1	SSE 7	7	10	2.48	
3	29.833	29.818	33.8	36.0	20.1	40.2	176	192	90	91	SW 3	SSW 3	0	10	1.76	
4	29.756	29.774	38.6	35.7	31.9	42.0	230	193	98	93	SW 4	SW 1	10	0	1.23	9a 2.0
5	29.797	29.686	36.7	44.1	34.9	44.9	216	287	99	99	SSW 4	S 4	10	10	0.14	9a 2.2
6	29.914	29.983	37.7	38.0	36.4	43.8	214	221	95	96	SW 2	SW 1	3	6	—	
7	29.994	30.014	41.0	39.8	35.8	44.1	252	245	98	100	SW 4	SSW 4	10	10	0.09	9a and 9p
8	30.102	30.190	37.9	37.9	36.6	39.6	204	226	90	99	SE 2	SW 1	10	10	0.10	9p 2.0
9	30.165	30.114	36.1	36.0	35.1	38.2	207	208	97	98	SE 1	SE 3	10	10	—	
10	30.015	29.904	38.0	38.3	35.7	40.1	223	211	97	92	SSE 2	S 3	10	7	—	
11	29.814	29.785	36.5	38.3	36.4	39.9	206	225	96	98	SSW 3	S 1	10	10	—	
12	29.819	29.884	39.4	43.4	37.6	43.9	237	279	99	99	SW 1	SW 1	10	10	0.12	2.2 all day.
13	29.921	29.974	41.3	44.0	40.9	44.6	253	286	98	99	SSE 1	SW 1	10	10	0.08	
14	30.065	30.058	41.2	44.7	38.2	48.1	252	276	97	93	SSW 1	S 3	8	10	0.05	
15	29.955	30.059	47.8	43.8	43.2	52.1	320	284	96	100	SSW 4	SW 3	10	0	—	U at night.
16	29.855	29.685	47.8	46.4	42.9	48.4	318	273	95	87	S 4	SW 5	10	8	0.43	before 9a. at night.
17	29.593	29.591	43.6	44.0	40.7	46.4	268	263	94	91	SSW 4	SSW 4	10	9	1.76	
18	29.632	29.701	40.6	39.8	37.4	47.3	218	226	86	93	WSW 4	SW 1	6	10	1.45	
19	29.631	29.669	47.0	44.0	38.8	51.2	321	267	99	93	SW 3	SW 4	10	2	1.46	
20	29.641	29.494	49.3	49.6	43.1	51.8	289	290	83	82	SW 6	SW 5	9	9	0.55	all day
21	29.546	29.492	43.1	39.9	39.9	49.6	216	214	78	87	SW 4	S 2	2	4	0.27	at night.
22	29.330	29.389	37.2	32.7	32.7	41.6	204	162	92	88	WSW 2	NNW 2	7	2	0.36	
23	29.781	29.958	31.0	29.4	28.1	37.2	163	145	94	90	W 3	SW 1	0	1	0.77	U at night.
24	29.569	29.474	33.1	41.4	28.9	48.7	184	254	98	98	SSE 5	SW 1	10	10	0.26	* before 9a. after 11a.
25	28.958	28.897	46.5	39.1	37.7	46.5	208	209	89	88	WSW 6	WSW 8	10	0	2.04	in the morning and after 4p.
26	29.099	29.683	38.8	35.2	34.5	42.8	202	180	86	87	W 5	NNW 1	8	0	0.20	
27	30.133	30.236	33.1	35.3	32.2	40.6	159	179	85	87	N 1	SSE 5	8	10	0.62	
28	29.188	29.112	40.5	41.0	33.9	47.5	252	235	100	92	S 3	S 6	10	4	—	at night.
29	29.136	29.100	43.6	46.2	39.7	50.2	274	298	97	96	SSW 2	SW 4	10	2	—	
30	29.280	29.295	40.7	48.5	39.6	48.6	232	331	92	98	SW 1	NE 1	8	10	0.93	
31	29.590	29.637	36.6	36.1	34.7	48.5	170	188	79	89	ENE 1	SSE 2	3	2	—	at 11a.
Means	29.866	29.877	39.1	39.8	35.1	44.7	226	232	93.0	93.3	2.9	2.9	7.9	6.9	2.185	

## BUXTON.

Height above Mean Sea Level, 992 feet. Long. 1° 54' W. Lat. 53° 14' N.

JANUARY 1875.

1	30°131	29°809	22°5	29°0	20°2	36°6	*102	*154	86	96	S 4	SE 3	10	7	*100	 Snow going fast. Snow nearly gone. D <sup>2</sup> . Snow gone.
2	29°821	29°870	36°4	39°7	29°0	41°0	*172	*214	81	88	WNW 2	WSW 2	0	10	*320	
3	*794	30°009	41°1	39°9	38°0	44°0	*196	*218	77	89	W 5	WNW 2	2	4	*110	
4	*764	29°710	43°6	44°3	36°0	45°7	*272	*277	96	96	WSW 5	SW 4	10	10	—	
5	*949	*961	38°4	42°1	37°7	45°0	*214	*252	93	94	W 6	SSW 1	6	10	*050	
6	29°896	29°990	41°4	42°4	36°5	46°1	*256	*250	99	93	S 3	W 2	10	6	—	
7	30°065	30°179	42°4	38°1	34°0	48°0	*260	*258	96	99	SE 1	ESE 1	10	10	—	
8	30°158	30°092	34°5	38°1	34°2	39°0	*199	*219	100	95	SE 1	WSW 1	10	10	—	
9	29°973	29°862	38°7	38°4	37°0	39°8	*228	*214	96	93	S 1	E 1	10	10	*190	
10	*811	*795	37°1	39°1	37°0	41°0	*219	*237	99	99	SE 1	Calm 0	8	10	—	
11	*822	*858	39°9	42°9	36°7	46°0	*244	*263	99	96	Calm 0	SE 1	10	10	*030	
12	29°897	29°953	42°6	46°1	42°3	46°1	*271	*299	99	96	SSW 1	SW 1	10	10	—	
13	30°046	30°008	43°4	44°7	42°3	46°4	*266	*281	95	95	S 1	SW 1	10	10	*320	
14	29°945	30°043	47°4	46°6	43°1	51°5	*315	*277	96	88	S 7	SE 2	10	8	*170	
15	*794	29°710	45°4	43°9	41°1	48°8	*285	*253	94	88	SW 4	WSW 4	10	3	*240	
16	*579	*630	42°4	41°9	38°7	45°4	*242	*235	90	90	WSW 4	SW 5	10	10	*500	
17	*670	*681	45°3	43°5	38°5	48°9	*298	*274	99	97	NNW 6	W 5	5	10	*480	
18	*611	*720	48°7	44°7	43°5	50°0	*342	*249	99	84	SW 6	W 5	10	10	*455	
19	*734	*493	46°1	49°4	41°7	51°0	*288	*295	93	85	W 9	SW 9	10	10	*095	
20	*594	*382	42°9	38°9	36°0	49°4	*226	*206	82	88	W 4	W 6	4	4	*095	
21	*365	*474	37°8	30°5	25°9	38°8	*210	*128	93	75	WNW 8	NW 1	6	1	*080	
22	*896	*852	33°1	34°7	30°4	36°1	*170	*159	90	78	N 2	WNW 1	7	10	*235	
23	*551	29°453	37°1	44°3	34°7	47°7	*212	*250	96	89	W 5	W 3	10	10	*500	
24	*017	28°743	39°3	38°4	32°2	43°9	*196	*189	82	82	W 6	SW 7	8	10	*670	
25	29°200	29°748	37°6	39°0	31°2	40°9	*208	*221	92	94	N 8	SW 1	6	10	*110	
26	30°168	30°190	32°5	35°1	31°2	45°4	*156	*203	85	99	Calm 0	SW 2	5	10	*130	
27	*155	*082	45°1	42°7	41°9	48°7	*278	*266	93	93	SW 2	W 5	10	10	—	
28	*119	*089	43°9	48°6	37°5	48°7	*264	*312	92	92	W 4	SSW 7	7	10	*070	
29	*297	*305	41°1	37°5	31°6	48°6	*234	*213	91	95	NW 4	SE 2	7	10	*255	
30	*621	*648	33°6	34°7	32°5	38°8	*160	*161	83	79	ESE 4	W 2	5	6	—	
31	30°526	30°390	35°7	41°3	35°5	44°7	*187	*209	90	81	W 3	WNW 3	7	10	—	
Means	29°869	29°862	39°9	40°7	35°7	44°9	*231	*232	92.1	90.5	3°8	2°9	7°8	8°7	5°245	



## OSCOTT.

Height above Mean Sea Level, 460 feet. Long. 1° 51' W. Lat. 52° 33' N.  
JANUARY 1875.

Day.	Barometer.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction, and Force.		Amount of Cloud.		Rain-fall.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.		
1	ins.	ins.	32°	32°	14°	23°	ins.	ins.	100	100	ESE 3	SSE 5-6	10	10	ins.	32° 0' 9a and p. 2 in aft. 2 at
2	30° 126	29° 788	32°	32°	14°	23°	123	107	100	100	SW 4	S 2	1	10	050	32° 0' 9a, freezing as it fell.
3	30° 851	29° 879	37°	38°	23°	38°	123	107	100	100	SW 4	SSE 2	1	10	050	32° 0' 9a, 2 in night, 9a 2, 9p 2
4	30° 032	29° 714	41°	41°	37°	44°	230	242	89	94	S 2	SSW 2	10	10	010	32° 0' 9a
5	30° 032	29° 714	41°	41°	37°	44°	230	242	89	94	S 2	SSW 2	10	10	010	32° 0' 9a
6	30° 032	29° 714	41°	41°	37°	44°	230	242	89	94	S 2	SSW 2	10	10	010	32° 0' 9a
7	30° 032	29° 714	41°	41°	37°	44°	230	242	89	94	S 2	SSW 2	10	10	010	32° 0' 9a
8	30° 032	29° 714	41°	41°	37°	44°	230	242	89	94	S 2	SSW 2	10	10	010	32° 0' 9a
9	30° 032	29° 714	41°	41°	37°	44°	230	242	89	94	S 2	SSW 2	10	10	010	32° 0' 9a
10	30° 032	29° 714	41°	41°	37°	44°	230	242	89	94	S 2	SSW 2	10	10	010	32° 0' 9a
11	30° 032	29° 714	41°	41°	37°	44°	230	242	89	94	S 2	SSW 2	10	10	010	32° 0' 9a
12	30° 032	29° 714	41°	41°	37°	44°	230	242	89	94	S 2	SSW 2	10	10	010	32° 0' 9a
13	30° 032	29° 714	41°	41°	37°	44°	230	242	89	94	S 2	SSW 2	10	10	010	32° 0' 9a
14	30° 032	29° 714	41°	41°	37°	44°	230	242	89	94	S 2	SSW 2	10	10	010	32° 0' 9a
15	30° 032	29° 714	41°	41°	37°	44°	230	242	89	94	S 2	SSW 2	10	10	010	32° 0' 9a
16	30° 032	29° 714	41°	41°	37°	44°	230	242	89	94	S 2	SSW 2	10	10	010	32° 0' 9a
17	30° 032	29° 714	41°	41°	37°	44°	230	242	89	94	S 2	SSW 2	10	10	010	32° 0' 9a
18	30° 032	29° 714	41°	41°	37°	44°	230	242	89	94	S 2	SSW 2	10	10	010	32° 0' 9a
19	30° 032	29° 714	41°	41°	37°	44°	230	242	89	94	S 2	SSW 2	10	10	010	32° 0' 9a
20	30° 032	29° 714	41°	41°	37°	44°	230	242	89	94	S 2	SSW 2	10	10	010	32° 0' 9a
21	30° 032	29° 714	41°	41°	37°	44°	230	242	89	94	S 2	SSW 2	10	10	010	32° 0' 9a
22	30° 032	29° 714	41°	41°	37°	44°	230	242	89	94	S 2	SSW 2	10	10	010	32° 0' 9a
23	30° 032	29° 714	41°	41°	37°	44°	230	242	89	94	S 2	SSW 2	10	10	010	32° 0' 9a
24	30° 032	29° 714	41°	41°	37°	44°	230	242	89	94	S 2	SSW 2	10	10	010	32° 0' 9a
25	30° 032	29° 714	41°	41°	37°	44°	230	242	89	94	S 2	SSW 2	10	10	010	32° 0' 9a
26	30° 032	29° 714	41°	41°	37°	44°	230	242	89	94	S 2	SSW 2	10	10	010	32° 0' 9a
27	30° 032	29° 714	41°	41°	37°	44°	230	242	89	94	S 2	SSW 2	10	10	010	32° 0' 9a
28	30° 032	29° 714	41°	41°	37°	44°	230	242	89	94	S 2	SSW 2	10	10	010	32° 0' 9a
29	30° 032	29° 714	41°	41°	37°	44°	230	242	89	94	S 2	SSW 2	10	10	010	32° 0' 9a
30	30° 032	29° 714	41°	41°	37°	44°	230	242	89	94	S 2	SSW 2	10	10	010	32° 0' 9a
31	30° 032	29° 714	41°	41°	37°	44°	230	242	89	94	S 2	SSW 2	10	10	010	32° 0' 9a
Means	29° 879	29° 880	40°	41°	37°	44°	242	249	93°	92°	2°	3°	9°	8°	2°	830

NOTE.—Min. and max. therms. read at 9 a.m.

## JOB'S WELL, CARMARTHEN.

Height above Mean Sea Level, 188 feet. Long. 4° 18' W. Lat. 51° 52' N.  
JANUARY 1875.

Day.	Barometer.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction, and Force.		Amount of Cloud.		Rain-fall.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.		
1	29° 826	29° 610	33°	39°	30°	39°	192	235	100	96	SE 6	Calm 0	10	10	500	Δ at 0.30p.
2	29° 860	29° 752	33°	33°	33°	48°	190	231	99	100	SW 1	S 1	3	10	240	
3	29° 936	29° 925	47°	45°	42°	51°	333	303	100	100	SW 1	S 1	3	10	310	
4	29° 956	29° 708	48°	47°	45°	50°	340	325	98	99	S 4	Calm 0	10	9	130	
5	29° 905	29° 865	46°	47°	43°	49°	315	327	100	100	S 1	SW 1	3	10	120	
6	29° 887	29° 855	50°	45°	45°	52°	358	309	97	100	SW 3	S 1	7	10	390	
7	29° 956	29° 900	43°	42°	42°	46°	278	271	100	100	E 2	Calm 0	10	10	100	
8	30° 023	29° 950	42°	45°	40°	48°	267	309	100	100	SE 2	SE 4	10	10	220	
9	29° 796	29° 716	42°	45°	42°	47°	276	284	100	93	SE 3	S 2	10	10	360	
10	29° 692	29° 693	44°	45°	44°	45°	286	275	96	90	SE 3	Calm 0	10	10	050	
11	29° 646	29° 743	46°	46°	43°	50°	299	290	96	93	SE 1	SE 3	10	10	080	
12	29° 818	29° 911	48°	49°	45°	49°	320	306	95	87	S 2	SE 1	10	9	040	
13	29° 882	29° 890	48°	49°	46°	49°	311	339	92	97	E 3	SE 1	5	10	700	
14	29° 920	29° 961	49°	50°	49°	52°	356	357	100	97	S 2	S 1	10	10	770	
15	29° 641	29° 716	49°	48°	45°	53°	318	313	91	93	SE 3	SW 2	10	9	420	
16	29° 571	29° 736	47°	48°	46°	51°	303	278	91	89	SW 3	W 2	5	10	060	
17	29° 708	29° 748	47°	51°	45°	52°	316	355	98	94	Calm 0	W 2	10	10	560	
18	29° 664	29° 851	49°	49°	48°	53°	348	315	98	88	SW 4	SW 4	10	10	180	
19	29° 864	29° 563	48°	50°	46°	51°	317	362	95	99	SW 1	SW 7	10	10	400	
20	29° 632	29° 430	47°	42°	41°	50°	285	248	88	91	SW 3	W 3	8	5	270	
21	29° 469	29° 440	41°	38°	37°	43°	231	179	90	77	NW 2	NE 2	8	6	440	
22	29° 970	29° 927	38°	35°	34°	46°	181	186	77	90	Calm 0	S 1	1	10	520	
23	29° 590	29° 360	49°	49°	36°	51°	331	344	94	98	SW 2	SW 4	10	10	780	
24	29° 030	29° 070	46°	42°	—	—	240	208	77	78	SW 4	W 3	8	4	800	
25	29° 331	29° 824	42°	43°	35°	49°	261	222	95	79	W 4	NW 1	8	4	030	
26	30° 126	30° 110	38°	40°	36°	47°	217	322	95	100	Calm 0	W 1	9	10	160	
27	29° 089	29° 034	48°	47°	46°	49°	322	321	97	96	SW 1	SW 3	10	10	080	
28	29° 163	29° 214	47°	49°	46°	49°	319	348	96	98	SW 3	SW 3	10	10	240	
29	29° 246	29° 211	48°	51°	47°	52°	335	371	99	97	SW 1	SW 1	10	10	260	
30	29° 550	29° 586	42°	40°	40°	53°	243	218	88	87	E 1	Calm 0	10	10	—	
31	30° 516	30° 393	42°	42°	39°	45°	225	260	89	96	SE 1	S 1	9	10	120	
Means	29° 831	29° 836	45°	45°	42°	49°	288	292	94°	93°	2°	1°	8°	9°	0°	330

\* Mean of 30 days only.

## STRATHFIELD TURGISS.

Height above Mean Sea Level, 196 ft. Long. 1° 3' W. Lat. 51° 20' N.  
JANUARY 1875.

Day.	Barometer.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction, and Force.		Amount of Cloud.		Rain-fall.	Remarks.	
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.			9 a.m.
1	ins.	ins.	31°	31°	10°	38°	ins.	ins.	%	%	E	1	SE	1-2	10	9	ins.
2	30° 162	29° 887	31°	31°	10°	38°	168	156	95	89	E	1	SE	1-2	10	9	520
3	29° 944	29° 980	36°	43°	30°	49°	205	273	95	98	SW	0-1	SW	1	4	2	134
4	29° 910	29° 787	48°	48°	34°	50°	292	266	87	97	W	1	W	1	2	10	064
5	30° 007	30° 031	40°	43°	38°	48°	321	333	95	98	SW	1-2	SW	1	10	10	054
6	30° 023	30° 032	46°	42°	39°	46°	243	249	98	88	W	1	W	1	10	10	—
7	30° 068	30° 160	41°	42°	39°	42°	286	231	91	87	SW	1	S	1	9	10	—
8	30° 166	30° 112	39°	42°	39°	42°	231	227	90	95	SE	1-0	NE	0-1	10	10	—
9	30° 003	29° 871	41°	43°	35°	44°	235	269	98	98	SE	0-1	S	1	10	10	—
10	29° 798	29° 781	39°	42°	35°	46°	244	203	95	98	Calm	0	Calm	0	10	10	—
11	29° 831	29° 875	45°	44°	38°	48°	235	259	99	96	Calm	0	Calm	0	10	10	—
12	29° 922	30° 028	45°	43°	41°	49°	301	281	98	97	S	1	S	1	10	10	113
13	30° 089	30° 088	45°	47°	44°	48°	249	301	98	88	Calm	0	SW	1	10	10	034
14	30° 062	30° 078	49°	49°	47°	50°	394	301	97	92	SE	1	S	1	7	9	134
15	29° 894	29° 865	47°	47°	45°	52°	351	331	98	96	SW	1-2	W	1	10	10	—
16	30° 653	30° 737	44°	45°	44°	50°	302	308	93	96	S	1	W	1	5	7	165
17	30° 756	30° 762	47°	45°	45°	48°	280	304	96	95	W	1	NW	1	5	10	075
18	30° 826	30° 901	51°	48°	45°	52°	298	309	97	89	W	1-2	SW	1-2	10	10	275
19	30° 959	30° 763	48°	47°	44°	53°	287	301	86	92	W	1-2	W	2	9	10	038
20	30° 764	30° 557	46°	42°	40°	49°	266	301	92	97	W	1	SW	1	3	10	033
21	30° 557	30° 336	40°	37°	30°	49°	225	206	90	90	NW	1	SW	1	9	10	200
22	30° 935	30° 954	33°	35°	32°	44°	162	179	83	87	NW	0-1	NW	1	0	0	580
23	30° 630	30° 557	45°	42°	35°	53°	294	266	97	97	SW	1	S	1	10	10	317
24	30° 200	30° 146	40°	40°	40°	48°	260	232	90	93	W	2-3	SW	1-2	0	10	283
25	29° 294	29° 766	44°	36°	36°	47°	266	192	91	90	W	2-3	NW	1	9	4	004
26	30° 155	30° 259	39°	41°	36°	42°	222	247	93	95	Calm	0	S	1	8	10	003
27	30° 246	30° 190	46°	43°	40°	50°	306	254	97	91	S	1	SW	1	10	5	025
28	30° 241	30° 295	47°	47°	42°	52°	304	318	94	97	W	1	SW	1	4	8	205
29	30° 321	30° 222	48°	49°	46°	51°	336	353	98	100	S	0-1	SW	1	10	10	292
30	30° 568	30° 673	38°	30°	30°	49°	193	161	84	97	E	1	E	1	5	0	—
31	30° 600	30° 483	32°	32°	27°	45°	167	165	92	91	E	0-1	E	1	3	0	—
Means	29° 953	29° 940	43°	42°	37°	48°	266	257	93°	94°	0°	0°	1°	7°	8°	3°	648



## MARKREE CASTLE.

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

JANUARY 1875.

Day.	Barometer.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction, and Force.		Amount of Cloud.		Rain-fall.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.		
1	ins.	ins.	36°0	43°7	32°7	51°6	ins.	ins.	100	88	SSE 9	S 7	10	5	ins.	* during past night. D-bo.
2	536	536	41°7	44°2	37°5	47°2	220	274	84	95	S 3	SSE 8	1	10	0.85	fore 8a; 8p
3	566	566	44°3	42°7	41°7	48°9	235	256	80	93	WSW 2	SE 5	1	10	0.68	
4	557	560	48°7	41°6	41°0	49°5	344	246	100	94	SW 1	SW 1	10	0	0.93	
5	528	506	46°0	50°0	36°8	50°6	292	339	94	94	SE 4	SSE 6	10	5	0.87	
6	519	540	47°3	45°1	44°9	51°1	317	288	97	96	SE 1	SE 4	10	6	1.08	
7	563	594	37°3	36°7	36°7	46°3	219	210	98	97	S 1	SE 4	2	1	—	
8	533	557	41°4	46°6	34°8	47°4	252	309	97	97	SSE 5	SE 5	10	10	0.32	
9	596	524	45°1	44°2	44°3	49°1	301	288	100	99	SSE 2	SSE 1	10	1	0.27	
10	563	577	42°7	41°2	41°3	47°4	267	259	97	100	SSE 2	SE 3	9	1	0.05	
11	555	536	42°9	47°1	36°1	47°9	263	319	95	98	ESE 4	SE 5	10	10	0.45	
12	547	566	47°3	45°5	45°4	50°4	324	291	99	96	SSE 2	SE 4	4	10	0.31	
13	584	584	49°2	46°9	45°7	54°0	348	304	100	95	SSE 6	SE 5	10	7	1.06	
14	509	509	46°2	47°9	46°2	52°7	301	316	97	95	SW 1	SE 6	10	10	0.74	
15	523	574	51°1	45°1	45°3	52°4	356	281	94	93	S 7	SSW 5	10	7	0.23	
16	596	556	43°4	44°9	42°3	50°1	280	260	99	87	SW 1	SW 4	10	9	1.64	
17	555	587	44°5	50°4	42°7	51°4	288	341	98	94	Calm	WSW 2	10	4	0.23	
18	562	544	50°9	48°2	47°6	52°7	336	333	91	99	W 1	SW 4	10	10	1.85	
19	558	557	51°3	50°2	44°3	53°6	352	311	93	86	SW 6	SW 6	9	2	1.98	
20	588	594	43°6	37°4	37°4	51°4	261	218	92	97	SW 3	SSE 1	10	5	1.49	
21	541	571	34°3	29°8	29°0	41°2	182	147	92	87	Calm	Calm	8	1	0.31	
22	576	580	34°1	33°7	29°2	40°5	188	185	96	95	WSW 0.5	SSE 3	3	10	1.58	
23	542	507	40°0	41°1	32°4	47°7	235	245	95	95	Calm	SSE 4	10	10	1.18	
24	570	577	37°5	40°9	34°4	47°4	215	213	96	84	SSE 2	WNW 4	10	8	0.70	
25	560	582	42°0	41°0	37°5	47°6	249	220	94	86	Calm	WNW 2	8	1	0.64	
26	508	583	38°1	50°1	33°7	51°2	231	331	96	91	SSE 3	SW 6	10	7	0.34	
27	524	577	49°1	46°8	45°4	53°2	305	282	88	88	S 6	SW 3	10	2	1.62	
28	574	507	44°8	41°8	40°4	52°3	248	243	83	92	SSW 2	W 1	7	1	0.85	
29	510	564	41°2	44°0	39°3	45°9	248	274	96	95	SE 3	SE 1	10	10	0.79	
30	540	503	43°0	48°1	42°6	48°8	266	334	96	99	SE 4	S 2	10	10	0.18	
31	521	518	47°7	46°8	46°7	51°3	324	303	98	95	S 2	SW 4	10	7	0.07	
Means	563	563	43°6	44°0	39°8	49°4	273	273	94.7	93.5	2°7	3°7	8°5	6°1	3.387	

## BIRR CASTLE, PARSONSTOWN.

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

JANUARY 1875.

Day.	Barometer.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction, and Force.		Amount of Cloud.		Rain-fall.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.		
1	501	505	42°3	47°0	34°3	53°7	246	211	92	66	ESE 5-6	SSW 5	10	0	0.207	
2	581	555	40°9	46°6	37°2	47°8	212	297	83	94	SE 5	SE 5	4	10	1.75	
3	501	536	42°0	47°0	41°5	50°8	231	298	87	93	SE 0.5	SE 0.5	1	10	0.378	
4	585	588	49°0	41°0	40°5	52°1	348	248	100	97	SW 0.5	ESE 1	10	4	0.278	
5	572	510	47°2	50°0	37°7	51°3	295	350	92	97	SW 0.5	S 3-4	7	10	0.85	
6	594	570	48°8	45°7	45°3	51°8	338	267	98	88	SSW 0.5	SSW 1	10	9	1.16	
7	519	501	37°0	40°3	36°0	46°7	212	236	96	95	SE 0.5	SE 1	1	2	0.10	
8	543	570	43°9	48°0	38°5	48°9	247	312	86	94	SE 2	SE 1-3	2	10	1.00	
9	527	580	47°6	44°4	44°0	49°9	315	290	96	99	SSE 0.5	SE 0.5	10	6	0.50	
10	522	563	45°3	41°0	40°2	49°8	295	257	98	100	S 0.5	E 0.5	10	10	0.76	
11	551	548	45°1	49°5	32°1	50°0	287	328	96	94	ESE 0.5	SE 2-3	9	10	0.85	
12	565	543	46°6	48°4	46°1	51°8	297	310	94	91	S 0.5	SE 0.5	4	10	1.64	
13	540	560	49°8	49°0	47°7	54°5	337	320	95	92	SE 3	SSE 3-4	10	8	1.45	
14	578	573	45°2	50°6	44°7	54°9	284	338	95	92	S 0.5	SE 3	2	10	0.210	
15	513	503	51°2	47°0	46°1	52°6	353	289	94	90	SE 1-2	S 0.5	7	10	0.220	
16	576	573	44°2	47°5	42°7	50°5	277	291	95	90	S 0.5	W 3	7	10	1.130	
17	511	506	44°8	51°2	44°3	54°1	292	353	99	94	SW 0.5	SE 1	10	10	0.525	
18	551	535	51°0	50°0	49°9	53°8	366	309	98	86	SW 1.2	WSW 4	10	10	0.30	
19	572	573	51°8	52°0	46°0	54°8	346	303	90	78	SW 5	WSW 3-4	10	7	0.392	
20	533	536	41°7	39°7	39°6	52°9	243	230	92	94	SW 1	WSW 0.5	7	9	0.40	
21	543	571	38°9	28°9	27°9	41°2	234	149	99	93	SW 0.5	NNW 0.5	10	0	—	
22	503	574	29°9	34°9	26°5	39°7	161	191	97	94	WSW 0.5	SSE 1-2	3	10	0.350	
23	549	513	46°7	46°6	34°5	48°4	300	308	94	97	W 1-2	SW 0.5	9	9	0.335	
24	579	553	38°4	42°0	36°0	49°0	206	207	89	78	SSE 0.5	W 5	6	10	0.460	
25	549	586	43°0	37°9	36°0	48°9	244	209	88	92	WSW 3	SE 0.5	8	0	0.17	
26	564	570	41°1	48°9	34°1	52°8	252	315	97	91	SE 0.5	SSE 1	10	3	0.98	
27	583	585	49°3	45°7	44°7	53°7	316	267	90	88	SSE 3	SSW 1-2	8	3	0.30	
28	502	516	46°4	42°0	42°0	53°3	268	245	85	92	SSW 0.5	W 0.5	6	1	0.30	
29	514	574	44°3	47°8	39°9	52°3	279	318	96	95	SE 0.5	WNW 0.5	10	10	1.10	
30	575	560	41°8	48°0	39°7	49°7	260	319	99	96	SE 0.5	SE 0.5	10	10	0.06	
31	536	549	48°5	47°0	45°6	52°8	328	289	97	90	S 0.5	SW 1-2	8	10	0.02	
Means	563	570	44°6	45°3	40°0	50°8	280	279	93.8	91.3	1°4	1°7	7°4	7°5	4.854	

## HAWES.

Height above Mean Sea Level, 800 feet. Long. 2° 11' W. Lat. 54° 18' N.

FEBRUARY 1875.

Day.	Barometer.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.		
1	ins.	ins.	44° 6'	42° 6'	41° 1'	45° 8'	ins.	ins.	94	93	SW 2	SW 2	10	6	ins.	0.60
2	30° 206	30° 180	42° 0'	35° 3'	35° 0'	44° 4'	245	189	92	93	SW 1	W 1	10	6	—	
3	29° 941	29° 909	34° 7'	29° 4'	29° 0'	38° 5'	151	120	74	74	Calm 0	Calm 0	5	0	—	
4	30° 084	30° 259	31° 8'	30° 3'	27° 4'	40° 2'	146	131	81	77	Calm 0	Calm 0	9	0	—	
5	392	375	24° 5'	25° 8'	21° 5'	40° 0'	089	115	69	83	Calm 0	Calm 0	8	0	—	
6	316	313	32° 3'	33° 8'	22° 8'	35° 3'	183	194	100	100	Calm 0	Calm 0	10	10	1.190	92  0 A few flakes of *° at night.
7	195	177	32° 0'	29° 8'	29° 5'	34° 0'	172	144	95	86	Calm 0	E 2	10	10	0.050	*° small.
8	245	267	28° 5'	28° 5'	27° 7'	31° 0'	142	151	91	96	Calm 0	Calm 0	10	10	—	Small *° a.  all day.
9	194	178	25° 8'	29° 5'	24° 7'	35° 4'	095	139	69	85	SSE 1	Calm 0	10	10	—	92
10	219	30° 192	29° 5'	29° 1'	28° 5'	35° 0'	101	108	63	68	Calm 0	Calm 0	10	10	—	92
11	30° 080	29° 796	30° 7'	35° 1'	29° 0'	36° 7'	131	188	75	92	Calm 0	NNW 1	10	10	0.270	*°
12	29° 871	29° 980	34° 0'	36° 1'	32° 0'	41° 0'	186	200	95	95	Calm 0	Calm 0	10	10	0.30	92
13	30° 005	29° 927	36° 6'	44° 6'	35° 8'	45° 4'	217	269	100	92	Calm 0	Calm 0	10	5	0.200	92 and p.
14	29° 771	30° 058	47° 0'	40° 5'	39° 2'	48° 3'	305	241	95	96	SW 2	Calm 0	10	9	0.120	
15	30° 253	476	37° 1'	36° 3'	35° 1'	46° 2'	309	185	95	88	Calm 0	Calm 0	10	1	—	
16	491	437	39° 0'	40° 0'	31° 4'	44° 0'	181	207	77	84	Calm 0	NNW 1	10	2	0.010	1.2 6.30p - 8.30p. large U°
17	436	394	37° 8'	34° 9'	34° 7'	40° 0'	179	158	79	77	N 1	N 2	10	1	0.020	Showers of ●° and *°
18	388	350	34° 7'	33° 3'	32° 6'	39° 3'	184	167	91	88	Calm 0	Calm 0	10	10	0.050	*° showers.
19	351	299	30° 1'	30° 2'	29° 0'	33° 2'	121	162	72	97	Calm 0	E 1	7	10	0.020	*° showers.
20	250	284	32° 8'	32° 1'	29° 9'	32° 8'	146	156	78	86	E 1	E 3	10	10	—	*° showers.
21	368	388	33° 0'	33° 2'	31° 6'	38° 2'	147	145	78	77	E 2	E 2	9	10	—	
22	339	30° 218	32° 0'	30° 2'	30° 1'	33° 3'	153	134	85	80	E 1	E 1	10	10	—	A few flakes of small *°
23	30° 015	29° 741	29° 0'	29° 0'	28° 2'	34° 0'	110	120	70	76	Calm 0	Calm 0	10	10	0.010	Small *°
24	29° 523	29° 493	29° 3'	32° 0'	27° 1'	34° 8'	099	157	62	87	Calm 0	ENE 2	5	10	0.080	Small *°
25	578	651	31° 2'	33° 0'	30° 0'	33° 8'	146	177	83	95	E 1	E 1	10	10	0.170	*° all day, soft.
26	737	762	33° 2'	31° 6'	31° 0'	34° 8'	181	143	96	79	E 2	E 2	10	10	0.080	*° and thaw during day.
27	808	881	30° 8'	31° 0'	30° 0'	32° 2'	145	166	84	93	E 2	E 2	10	10	0.010	† † *° small and dry, soft at night.
28	29° 953	29° 935	28° 6'	29° 2'	28° 1'	31° 0'	117	133	76	83	E 2	E 1	10	10	0.020	† † *° very small and dry.
Means	30° 114	30° 105	33° 3'	33° 1'	30° 4'	37° 8'	163	166	82° 8'	86° 4'	0° 6'	0° 9'	9° 2'	7° 5'	1° 390	



## BUXTON.

Height above Mean Sea Level, 987 feet. Long. 1° 54' W. Lat. 53° 14' N.  
FEBRUARY 1875.

Day.	Barometer.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	
1	ins.	ins.	42°	42°	40°	40°	ins.	ins.	94	96	W 5	W 3	7	10	ins.	
2	30°212	30°263	41°8	41°5	35°0	44°6	254	242	96	93	W 2	NW 2	10	10	220	
3	29°969	29°950	35°3	31°6	24°5	41°5	196	168	94	95	NNW 4	NNW 2	10	0	—	
4	30°073	30°151	31°6	32°5	20°5	41°0	161	180	95	98	NW 1	NW 2	1	7	—	
5	405	384	24°9	31°9	22°7	39°8	127	175	95	97	Calm	N 2	5	0	—	
6	339	220	31°9	32°9	27°2	35°0	159	179	88	96	NW 1	NNW 2	10	5	140	9p.
7	205	208	31°9	27°4	25°0	32°9	172	143	95	96	E 4	E 2	10	10	160	9a-9p * before 9p. ~ a.
8	280	284	27°4	27°7	25°0	31°8	143	136	96	90	E 2	ENE 1	10	10	—	
9	219	185	23°9	28°9	22°9	30°0	128	150	100	95	E 5	ENE 2	10	10	—	
10	248	30°244	28°4	27°1	26°2	30°4	156	144	100	98	S 2	SE 2	10	10	—	
11	30°151	29°717	30°1	35°9	27°1	41°2	165	196	99	94	SW 3	SW 4	10	10	605	* before 9p.
12	29°871	30°005	38°7	38°1	35°3	43°0	218	219	93	95	Calm	SE 2	10	10	080	9a. * nearly thawed.
13	30°063	30°045	31°4	44°4	29°0	46°2	175	284	100	97	NW 4	NW 4	10	10	—	
14	29°858	30°094	46°1	41°4	38°1	49°3	307	250	98	96	S 3	NW 4	4	10	089	
15	30°340	30°566	39°7	39°7	33°0	45°7	241	234	99	96	NNW 3	W 2	8	10	—	9p.
16	518	427	37°1	41°3	35°0	42°0	192	238	87	92	NW 3	NNW 5	7	10	—	
17	417	406	37°9	34°5	32°7	41°3	186	177	82	89	NNE 7	NE 4	9	10	—	
18	470	352	33°6	33°4	27°0	38°0	184	186	95	88	NE 7	ENE 5	10	10	040	9a and 9p *
19	387	236	28°1	29°0	28°0	38°7	152	156	98	98	NNE 5	NE 6	10	10	070	+ 9a and 9p *
20	144	179	30°1	31°4	25°9	32°5	165	166	99	95	E 8	E 6	10	10	480	* 9a.
21	293	291	32°4	30°1	30°0	36°0	174	165	96	99	E 5	ENE 6	7	7	—	
22	30°303	30°168	31°4	27°8	26°4	34°0	159	128	91	84	E 5	SW 2	7	10	—	
23	29°951	29°749	28°1	27°1	26°4	32°0	145	144	94	98	E 3	SW 4	10	10	—	* before 9p.
24	474	465	27°9	30°1	13°5	34°0	140	165	92	99	NE 3	SE 4	8	10	120	9a and 9p *
25	544	586	31°6	32°1	25°0	32°2	152	179	86	99	E 4	SE 2	10	10	—	9a and 9p * * thawing fast.
26	623	666	33°9	29°1	28°7	35°7	181	156	92	98	SE 6	E 6	10	10	—	Δ before 9p.
27	758	810	28°4	28°1	26°0	31°0	149	151	97	98	E 8	SE 5	10	10	—	* 9p. Δ
28	29°885	29°894	27°9	28°4	25°0	29°0	131	149	86	97	E 6	NE 4	10	10	120	Δ * 9p. ~ before 9p. ←
Means	30°116	30°095	32°6	33°1	27°9	37°7	177	183	94°2	95°6	3°9	3°4	8°7	8°9	2°264	

## OSCOTT.

Height above Mean Sea Level, 460 feet. Long. 1° 51' W. Lat. 52° 33' N.  
FEBRUARY 1875.

1	30°325	30°274	40°6	42°5	35°7	44°4	236	255	93	94	SSW 2	W 2-3	10	10	030	22°
2	30°230	30°106	40°2	39°4	38°0	47°4	245	229	98	95	SW 1	NNW 0-1	10	10	—	22°
3	29°963	29°940	38°6	36°6	37°0	47°6	214	196	92	91	NNW 2-3	NW 2	10	1	—	22°
4	30°058	30°234	29°9	30°8	27°3	42°3	131	148	78	85	N 1	NW 0-1	0	2	—	9a.
5	364	368	31°8	31°3	26°5	40°6	158	162	89	92	NW 0-1	SW 0-1	10	0	—	22°
6	330	182	32°8	35°0	28°3	42°6	172	204	92	100	SW 0-1	E 1	10	10	040	22°
7	146	182	34°4	30°6	32°6	36°6	199	161	100	94	ENE 2	ESE 1	10	10	110	22° a.m. Fine * 2 3.30p and all the evening.
8	237	260	28°7	30°2	28°1	35°3	158	137	100	81	ESE 1	SSE 0-1	10	10	—	* 0 to 10.15a.
9	169	141	25°2	31°0	22°9	35°2	100	156	73	90	SE 2	NE 1	0	10	—	* 0 9a and 1p.
10	211	30°212	30°0	29°9	25°1	32°0	121	117	72	70	ESE 1	S 1	10	10	—	22° till 4p, then * 2 till 5p, then 2
11	30°136	29°873	31°5	37°4	28°3	37°6	137	219	77	98	S 2	S 5-6	10	10	090	Damp 22° in morning.
12	29°835	29°666	43°0	42°0	37°4	49°9	277	245	100	92	WSW 0-1	E 0-1	10	10	070	22°
13	30°037	30°015	39°0	46°3	38°4	48°6	238	285	100	92	S 1-2	SSW 2	10	10	010	22°
14	29°935	30°087	47°3	40°0	39°2	53°0	322	239	99	97	SSW 5	NNW 0-1	10	0	070	22° morning.
15	30°274	462	38°2	39°6	34°9	48°3	218	217	95	89	NW 2	N 2	3	0	010	22° a. U 9p.
16	526	388	33°8	43°4	29°4	44°5	184	253	94	90	NW 1-2	NNW 4	9	10	010	
17	375	326	37°8	37°4	35°9	44°0	203	180	90	81	N 2	NNE 3-4	10	10	—	
18	319	284	35°9	32°7	32°0	38°9	178	174	84	93	NNE 3	NNE 1	9	10	010	Δ 0 11.30a. * 0 p.
19	258	186	30°7	30°0	28°3	33°1	133	167	77	100	NNE 4	NNE-NE 3	10	10	310	* 0 a. * 2 p.
20	101	154	29°4	28°5	27°7	31°0	157	148	97	95	NNE 3-4	ENE-NNE 3	10	10	100	* 2 all day.
21	225	288	30°9	31°0	28°4	38°5	135	138	77	79	ENE 3-4	NNE 4	9	3	—	Orange U 9p.
22	30°265	30°155	30°0	30°0	27°5	38°7	130	123	77	73	NNE 4	ENE 3-4	9	10	—	
23	29°953	29°689	28°7	29°6	26°8	36°3	096	113	61	69	ENE 3-4	ENE 2	9	10	—	
24	423	393	28°0	31°6	26°6	35°0	122	179	80	100	NNE 2	NE 4	9	10	190	22° * 2 1p-6p.
25	465	540	32°1	33°2	30°9	34°4	176	186	86	98	NNE 2-3	ENE 3-4	10	10	080	* 2 in night and a., also about 6p.
26	558	581	35°8	32°0	31°7	39°4	188	157	89	87	ENE 4	ENE 7	10	10	040	9p.
27	708	776	29°9	29°5	29°1	33°3	140	150	84	92	ENE 5-6	ENE 4	10	10	010	in night. * 0 all day.
28	29°853	29°855	28°5	28°9	27°8	30°9	134	132	86	84	NNE 4-6	ENE 2	10	10	020	* 0 9a-9p in fine round particles resembling hail.
Means	30°081	30°068	33°7	34°3	30°8	40°0	175	181	87°1	89°3	2°4	2°3	8°8	8°1	1°200	

NOTE.—Till the 10th the Min. and Max. were read at 9 a.m., from the 11th onward at 9 p.m.

## CARMARTHEN.

Height above Mean Sea Level, 188 feet. Long. 4° 18' W. Lat. 51° 52' N.  
FEBRUARY 1875.

Day.	Barometer.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	
1	ins.	ins.	43°	41°	41°	45°	ins.	ins.	98	95	SW 2	Calm	0	10	5	ins.
2	30°320	30°266	43°9	41°9	41°9	45°3	279	251	98	95	SW 2	Calm	0	10	5	020
3	30°231	30°086	41°6	41°3	40°2	47°1	252	240	96	93	Calm	0	SE 1	2	10	—
4	29°979	29°952	44°1	38°2	38°2	49°4	271	204	93	89	Calm	0	Calm	0	9	0
5	30°044	30°197	32°1	31°0	27°2	43°5	146	137	80	79	Calm	0	E 1	1	0	—
6	328	312	31°5	38°6	27°1	44°7	141	210	79	90	E 1	Calm	0	0	10	—
7	333	308	39°9	44°2	38°6	45°5	235	290	96	100	Calm	0	Calm	0	10	10
8	069	076	43°1	42°4	42°2	45°7	278	260	100	96	Calm	0	Calm	0	10	10
9	191	182	43°6	35°7	35°4	45°8	279	205	98	99	Calm	0	SE 1	1	10	10
10	049	161	32°9	33°9	29°9	36°8	154	154	82	78	E 2	E 2	7	10	10	—
11	176	30°164	33°3	33°2	30°6	37°1	154	160	81	85	E 1	E 1	9	10	10	—
12	30°075	29°857	37°2	44°9	33°1	45°9	180	294	81	99	SE 1	SW 4	9	10	10	560
13	29°829	30°037	47°1	48°6	45°0	53°2	324	335	100	98	Calm	0	W 1	10	10	010
14	30°006	29°991	47°4	47°0	46°6	50°4	325	321	99	99	S 1	S 2	10	10	10	250
15	29°936	30°090	48°5	42°7	42°5	51°7	336	263	99	96	SW 3	NE 1	10	9	9	070
16	29°297	30°090	40°9	40°9	36°9	52°2	256	235	100	92	SE 1	NE 1	10	0	—	—
17	553	448	36°6	44°4	32°2	47°1	196	254	91	87	Calm	0	N 1	4	4	—
18	394	328	41°6	37°5	37°5	46°7	212	182	81	81	E 1	NE 1	1	2	2	—
19	311	235	39°4	33°1	33°0	39°9	186	175	78	94	N 2	NE 1	5	7	—	—
20	218	140	34°8	33°1	32°3	43°0	142	156	70	83	NE 2	NE 2	7	10	—	—
21	183	085	31°8	30°1	29°7	37°2	168	156	94	94	N 1	NE 1	1	10	10	040
22	133	196	33°9	34°1	29°5	38°9	137	137	70	69	NE 2	NE 1	9	3	—	9a and 9p *
23	30°173	30°077	34°1	30°1	30°0	40°5	146	115	74	68	NE 3	NE 2	0	0	—	—
24	29°854	29°661	30°1	30°5	28°5	38°3	134	166	79	98	NE 2	NE 2	10	10	—	—
25	392	310	30°1	33°1	25°3	34°6	115	172	68	91	N 1	NE 1	6	10	10	080
26	393	368	36°0	35°3	29°2	41°8	172	182	81	89	NE 1	NE 2	9	10	10	260
27	404	388	36°7	37°6	32°5	44°5	199	196	92	87	E 1	E 3	10	10	10	280
28	587	833	35°4	31°5	31°0	38°8	179	154	87	87	E 3	E 2	2	10	10	—
29	821	819	31°4	32°1	30°3	34°6	154	163	88	90	E 2	E 2	2	10	10	—
Means	30°046	30°025	37°8	37°4	34°2	43°6	205	206	87°0	89°5	1°2	1°3	7°5	7°5	2°520	



## DARTMOOR.

Height above Mean Sea Level, 1,372 feet. Long. 3° 59' W. Lat. 50° 33' N.

FEBRUARY 1875.

Day.	Barometer.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	
1	ins.	ins.	37°	36°	33°	47°	ins.	ins.	90	94	SW 3	W 1	3	0	ins.	
2	30°455	30°397	37°	36°	33°	47°	201	202	73	94	NW 1	S 2	8	10	—	
3	30°455	30°397	37°	36°	33°	47°	201	202	73	94	NW 1	S 2	8	10	—	
4	30°455	30°397	37°	36°	33°	47°	201	202	73	94	NW 1	S 2	8	10	—	
5	30°455	30°397	37°	36°	33°	47°	201	202	73	94	NW 1	S 2	8	10	—	
6	30°455	30°397	37°	36°	33°	47°	201	202	73	94	NW 1	S 2	8	10	—	
7	30°455	30°397	37°	36°	33°	47°	201	202	73	94	NW 1	S 2	8	10	—	
8	30°455	30°397	37°	36°	33°	47°	201	202	73	94	NW 1	S 2	8	10	—	
9	30°455	30°397	37°	36°	33°	47°	201	202	73	94	NW 1	S 2	8	10	—	
10	30°455	30°397	37°	36°	33°	47°	201	202	73	94	NW 1	S 2	8	10	—	
11	30°455	30°397	37°	36°	33°	47°	201	202	73	94	NW 1	S 2	8	10	—	
12	30°455	30°397	37°	36°	33°	47°	201	202	73	94	NW 1	S 2	8	10	—	
13	30°455	30°397	37°	36°	33°	47°	201	202	73	94	NW 1	S 2	8	10	—	
14	30°455	30°397	37°	36°	33°	47°	201	202	73	94	NW 1	S 2	8	10	—	
15	30°455	30°397	37°	36°	33°	47°	201	202	73	94	NW 1	S 2	8	10	—	
16	30°455	30°397	37°	36°	33°	47°	201	202	73	94	NW 1	S 2	8	10	—	
17	30°455	30°397	37°	36°	33°	47°	201	202	73	94	NW 1	S 2	8	10	—	
18	30°455	30°397	37°	36°	33°	47°	201	202	73	94	NW 1	S 2	8	10	—	
19	30°455	30°397	37°	36°	33°	47°	201	202	73	94	NW 1	S 2	8	10	—	
20	30°455	30°397	37°	36°	33°	47°	201	202	73	94	NW 1	S 2	8	10	—	
21	30°455	30°397	37°	36°	33°	47°	201	202	73	94	NW 1	S 2	8	10	—	
22	30°455	30°397	37°	36°	33°	47°	201	202	73	94	NW 1	S 2	8	10	—	
23	30°455	30°397	37°	36°	33°	47°	201	202	73	94	NW 1	S 2	8	10	—	
24	30°455	30°397	37°	36°	33°	47°	201	202	73	94	NW 1	S 2	8	10	—	
25	30°455	30°397	37°	36°	33°	47°	201	202	73	94	NW 1	S 2	8	10	—	
26	30°455	30°397	37°	36°	33°	47°	201	202	73	94	NW 1	S 2	8	10	—	
27	30°455	30°397	37°	36°	33°	47°	201	202	73	94	NW 1	S 2	8	10	—	
28	30°455	30°397	37°	36°	33°	47°	201	202	73	94	NW 1	S 2	8	10	—	
Means	30°455	30°397	37°	36°	33°	47°	201	202	73	94	NW 1	S 2	8	10	—	

## MARKREE CASTLE.

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

FEBRUARY 1875.

Day.	Barometer.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	
1	30°158	30°180	43°	41°	41°	50°	278	254	99	97	SW 1	Calm 0	10	9	0.021	
2	30°185	30°180	43°	41°	41°	50°	278	254	99	97	SW 1	Calm 0	10	9	0.050	
3	30°185	30°180	43°	41°	41°	50°	278	254	99	97	SW 1	Calm 0	10	9	0.050	
4	30°185	30°180	43°	41°	41°	50°	278	254	99	97	SW 1	Calm 0	10	9	0.050	
5	30°185	30°180	43°	41°	41°	50°	278	254	99	97	SW 1	Calm 0	10	9	0.050	
6	30°185	30°180	43°	41°	41°	50°	278	254	99	97	SW 1	Calm 0	10	9	0.050	
7	30°185	30°180	43°	41°	41°	50°	278	254	99	97	SW 1	Calm 0	10	9	0.050	
8	30°185	30°180	43°	41°	41°	50°	278	254	99	97	SW 1	Calm 0	10	9	0.050	
9	30°185	30°180	43°	41°	41°	50°	278	254	99	97	SW 1	Calm 0	10	9	0.050	
10	30°185	30°180	43°	41°	41°	50°	278	254	99	97	SW 1	Calm 0	10	9	0.050	
11	30°185	30°180	43°	41°	41°	50°	278	254	99	97	SW 1	Calm 0	10	9	0.050	
12	30°185	30°180	43°	41°	41°	50°	278	254	99	97	SW 1	Calm 0	10	9	0.050	
13	30°185	30°180	43°	41°	41°	50°	278	254	99	97	SW 1	Calm 0	10	9	0.050	
14	30°185	30°180	43°	41°	41°	50°	278	254	99	97	SW 1	Calm 0	10	9	0.050	
15	30°185	30°180	43°	41°	41°	50°	278	254	99	97	SW 1	Calm 0	10	9	0.050	
16	30°185	30°180	43°	41°	41°	50°	278	254	99	97	SW 1	Calm 0	10	9	0.050	
17	30°185	30°180	43°	41°	41°	50°	278	254	99	97	SW 1	Calm 0	10	9	0.050	
18	30°185	30°180	43°	41°	41°	50°	278	254	99	97	SW 1	Calm 0	10	9	0.050	
19	30°185	30°180	43°	41°	41°	50°	278	254	99	97	SW 1	Calm 0	10	9	0.050	
20	30°185	30°180	43°	41°	41°	50°	278	254	99	97	SW 1	Calm 0	10	9	0.050	
21	30°185	30°180	43°	41°	41°	50°	278	254	99	97	SW 1	Calm 0	10	9	0.050	
22	30°185	30°180	43°	41°	41°	50°	278	254	99	97	SW 1	Calm 0	10	9	0.050	
23	30°185	30°180	43°	41°	41°	50°	278	254	99	97	SW 1	Calm 0	10	9	0.050	
24	30°185	30°180	43°	41°	41°	50°	278	254	99	97	SW 1	Calm 0	10	9	0.050	
25	30°185	30°180	43°	41°	41°	50°	278	254	99	97	SW 1	Calm 0	10	9	0.050	
26	30°185	30°180	43°	41°	41°	50°	278	254	99	97	SW 1	Calm 0	10	9	0.050	
27	30°185	30°180	43°	41°	41°	50°	278	254	99	97	SW 1	Calm 0	10	9	0.050	
28	30°185	30°180	43°	41°	41°	50°	278	254	99	97	SW 1	Calm 0	10	9	0.050	
Means	30°185	30°180	43°	41°	41°	50°	278	254	99	97	SW 1	Calm 0	10	9	0.050	

## BIRR CASTLE, PARSONSTOWN.

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

FEBRUARY 1875.

Day.	Barometer.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.		
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.			
1	ins.	ins.	43°8	45°2	42°6	50°8	ins.	ins.	100	95	S	0°5	Calm	0	8	10	ins.	before op. ga and op.
2	30°234	30°213	43°8	45°2	42°6	50°8	284	285	100	99	SE	0°5	Calm	0	10	10	0°02	
3	105	101	42°0	42°6	40°9	48°2	267	271	100	99	SE	0°5	Calm	0	10	10	0°02	
4	103	100	42°0	34°4	34°0	45°2	267	189	100	95	NE	0°5	ESE	0°5	10	10	0°02	before ga.
5	104	130	36°6	37°7	32°4	42°5	185	161	85	71	E	0°5	SE	1-3	10	4	—	
6	127	266	41°5	44°7	35°2	47°5	211	279	81	94	SE	1-2	SSE	2-3	10	10	0°50	
7	166	30°145	48°0	38°3	38°2	51°3	327	231	98	100	S	0°5	Calm	0	10	4	0°04	op. ga. ga.
8	058	29°652	38°0	40°0	33°0	45°3	238	247	100	100	SE	0°5	W	0°5	10	8	0°32	
9	242	30°242	32°0	40°2	30°7	47°7	182	220	100	89	Calm	0	SSE	1-2	3	9	0°70	
10	862	1006	42°7	38°4	37°8	44°5	256	188	92	82	SE	1	SE	3	10	4	0°18	op. ga. ga.
11	109	30°058	34°1	39°0	33°4	47°3	187	208	95	88	S	0°5	SE	1-3	2	9	0°04	
12	889	29°782	42°6	47°5	36°0	49°5	252	321	92	88	S	0°5	N	0°5	10	9	0°162	
13	809	906	49°0	51°3	42°2	53°8	348	362	100	97	SW	0°5	W	1-2	10	10	0°37	187 all day
14	895	29°796	49°7	51°5	48°6	55°2	336	342	94	90	SE	1	S	2	9	10	0°187	
15	911	30°140	44°9	39°0	38°9	52°7	288	224	97	94	WSW	0°5	SW	0°5	1	1	0°005	
16	30°347	524	38°4	42°6	34°3	49°5	230	235	99	86	Calm	0	Calm	0	10	7	—	op. ga.
17	607	621	37°3	44°0	33°0	47°4	216	250	97	86	Calm	0	NNW	0°5	5	9	—	
18	549	450	44°1	34°7	34°7	48°9	233	192	80	95	NNW	1	Calm	0	6	0	—	
19	417	281	27°1	37°8	25°4	45°3	145	189	98	83	Calm	0	E	0°5	0	10	—	188 all day
20	266	298	34°8	30°0	29°6	43°2	165	145	81	86	ESE	0°5	ENE	0°5	0	4	0°004	
21	263	199	33°8	34°0	29°7	36°2	186	188	94	96	N	0°5	NE	2-3	10	10	188	
22	260	352	36°0	33°7	33°4	42°1	191	173	90	89	ENE	0°5	NNE	1	10	7	—	p. all day.
23	316	30°191	30°3	32°7	30°3	40°8	171	172	100	92	NNE	0°5	NNE	0°5	3	9	0°002	
24	30°023	29°853	33°6	30°5	28°0	41°5	164	124	85	74	N	0°5	N	1-3	6	0	—	
25	639	546	29°0	34°0	26°0	35°5	133	158	84	80	NNE	1-2	N	3-4	6	10	0°010	all day.
26	497	499	33°7	33°1	32°2	36°5	188	187	95	99	NNW	1	NNE	1-3	10	10	0°187	
27	472	496	36°1	38°4	32°8	42°0	203	216	95	93	NNE	1	ENE	3-4	10	10	0°128	
28	650	847	35°2	36°0	33°4	39°6	194	186	94	87	E	1-2	NE	1	10	10	0°010	—
29	932	29°956	33°8	33°0	32°4	36°8	181	151	92	80	NNE	1	NE	0°5	10	10	—	
Means	30°068	30°051	38°2	38°7	34°3	45°2	222	218	93°5	89°9	0°6		1°2	7°5	7°3	1°175		



## CALCETHORPE.

Height above Mean Sea Level, 379 feet. Long. 0° 7' W. Lat. 53° 23' N.  
MARCH 1875.

Day.	Barometer.		Air Temperature.			Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.		
1	ins.	ins.	31° 0'	31° 3'	29° 2'	33° 2'	ins.	ins.	%	%	ENE 2	ENE 4	10	10	ins. *° all day.
2	29° 861	29° 896	31° 0'	31° 3'	29° 2'	33° 2'	158	161	84	82	ENE 4	ENE 3	10	10	Cold morning ~, * after 2p.
3	29° 999	30° 070	32° 2'	31° 8'	31° 7'	34° 6'	173	143	95	79	ENE 4	ENE 3	10	8	
4	30° 099	30° 091	32° 4'	30° 2'	29° 8'	37° 1'	145	140	79	83	E 3	E 1	9	4	
5	30° 061	29° 966	32° 9'	32° 3'	27° 9'	38° 4'	162	158	87	87	ESE 1	SE 2	7	0	
6	29° 815	29° 807	35° 1'	42° 0'	31° 2'	42° 0'	175	258	85	97	ESE 3	S 4	10	7	
7	29° 807	29° 807	48° 1'	48° 7'	41° 1'	53° 8'	311	336	93	98	SW 5	S 3	7	10	
8	29° 919	29° 919	47° 4'	51° 1'	44° 7'	55° 8'	305	305	94	97	SW 1	SSW 3	6	9	
9	29° 600	30° 275	47° 2'	36° 8'	36° 6'	51° 4'	264	167	82	76	W 8	Calm 0	9	1	
10	30° 458	30° 458	39° 5'	36° 1'	32° 0'	46° 6'	183	208	76	98	N 1	ENE 2	0	0	
11	30° 403	30° 403	36° 8'	33° 6'	31° 1'	42° 5'	189	174	87	90	E 3	ENE 5	6	4	
12	30° 151	30° 151	32° 6'	34° 7'	31° 8'	35° 2'	170	179	92	89	ENE 5	E 3	10	10	
13	30° 088	30° 088	35° 3'	35° 2'	34° 1'	35° 9'	182	193	89	94	E 3	E 2	10	10	
14	30° 192	30° 192	34° 7'	34° 7'	33° 2'	35° 8'	188	187	94	93	ENE 4	NE 1	10	9	
15	30° 239	30° 239	34° 7'	33° 0'	31° 2'	40° 0'	185	179	92	96	NE 1	N 1	10	10	
16	30° 220	30° 220	34° 0'	35° 2'	31° 9'	40° 8'	182	197	92	96	NNW 2	NNW 1	10	10	
17	30° 353	30° 353	37° 9'	33° 2'	31° 8'	40° 5'	216	165	95	87	NNE 4	ENE 2	9	7	
18	30° 668	30° 668	33° 2'	35° 3'	31° 0'	40° 4'	120	159	64	76	E 1	SW 1	9	10	
19	30° 131	30° 131	32° 3'	31° 3'	31° 0'	45° 1'	204	139	82	78	NNE 4	N 1	8	0	
20	30° 125	30° 125	33° 7'	33° 7'	30° 8'	38° 4'	179	175	92	90	NW 2	N 2	10	9	
21	30° 179	30° 179	34° 7'	33° 7'	30° 6'	40° 6'	167	177	82	91	NNW 1	WSW 1	9	1	
22	30° 060	30° 060	43° 7'	37° 3'	30° 7'	45° 2'	251	208	88	94	NNW 2	N 2	9	8	
23	30° 361	30° 361	36° 8'	38° 0'	34° 1'	45° 7'	184	190	79	83	Calm 0	SW 1	8	10	
24	30° 345	30° 345	43° 0'	40° 3'	36° 9'	50° 0'	231	215	83	87	WNW 1	W 1	10	3	
25	30° 308	30° 308	44° 6'	45° 4'	35° 5'	53° 7'	254	231	86	77	W 2	SW 3	8	9	
26	30° 130	30° 130	47° 0'	45° 8'	42° 2'	53° 1'	268	245	84	80	SW 3	WSW 2	10	8	
27	30° 952	30° 952	43° 3'	39° 0'	33° 8'	49° 9'	224	192	80	81	WSW 5	W 6	9	5	
28	30° 187	30° 187	36° 8'	37° 5'	31° 5'	44° 8'	156	186	72	83	N 5	N 1	8	1	
29	30° 425	30° 425	43° 2'	43° 8'	35° 2'	49° 3'	217	244	78	85	NNW 2	NW 2	9	10	
30	30° 480	30° 480	47° 0'	46° 4'	41° 6'	53° 1'	257	262	80	84	N 1	Calm 0	8	10	
31	30° 567	30° 567	47° 1'	43° 5'	42° 9'	52° 1'	267	231	83	82	NNE 1	N 1	9	10	
Means	30° 163	30° 183	38° 7'	37° 6'	33° 8'	43° 8'	204	201	85° 2	87° 3	2° 7	2° 1	8° 6	6° 9	0° 653

## BUXTON.

Height above Mean Sea Level, 987 feet. Long. 1° 54' W. Lat. 53° 14' N.  
MARCH 1875.

1	29° 907	29° 924	28° 9'	27° 4'	26° 2'	31° 0'	156	146	98	98	E 4	SSE 6	10	10	
2	29° 921	29° 989	28° 9'	30° 4'	27° 5'	31° 0'	147	164	93	97	E 8	SE 4	10	10	
3	29° 891	30° 045	30° 7'	29° 9'	28° 0'	31° 7'	163	154	96	94	E 9	SE 3	10	10	
4	30° 087	30° 075	29° 6'	30° 9'	27° 0'	31° 6'	152	170	93	99	SE 8	SE 8	10	10	
5	30° 034	29° 898	31° 4'	32° 7'	27° 2'	37° 0'	144	164	81	89	SE 4	ESE 2	10	8	
6	29° 757	29° 757	33° 1'	40° 9'	31° 4'	41° 2'	182	249	97	98	SE 2	WNW 1	10	10	
7	29° 730	29° 779	47° 1'	45° 4'	40° 2'	50° 9'	288	203	90	96	W 8	E 4	6	10	
8	29° 943	29° 907	46° 5'	50° 2'	42° 3'	53° 9'	279	305	89	84	W 8	W 8	6	10	
9	29° 724	30° 300	41° 7'	36° 4'	35° 5'	50° 3'	239	187	91	88	NW 9	Calm 0	8	0	
10	30° 468	30° 474	35° 1'	34° 1'	25° 5'	46° 6'	148	174	71	88	Calm 0	SE 2	0	0	
11	30° 384	30° 384	32° 4'	31° 4'	29° 1'	42° 2'	179	148	98	84	SE 5	SE 9	9	6	
12	30° 128	30° 128	31° 4'	31° 9'	30° 2'	32° 4'	159	178	91	98	SE 9	SE 5	10	10	
13	30° 084	30° 123	31° 9'	32° 1'	30° 7'	34° 0'	180	179	100	99	E 3	E 3	10	10	
14	30° 204	30° 237	31° 9'	30° 7'	30° 0'	35° 8'	180	158	100	93	E 3	SE 2	10	10	
15	30° 248	30° 270	32° 6'	28° 3'	27° 8'	42° 0'	172	152	93	99	E 4	Calm 0	10	5	
16	30° 247	30° 219	34° 4'	34° 9'	25° 0'	40° 0'	186	201	94	99	NW 1	SE 3	10	10	
17	30° 418	30° 660	35° 1'	30° 9'	30° 0'	37° 0'	179	158	97	92	ENE 1	NE 1	6	0	
18	30° 675	30° 431	31° 6'	34° 6'	22° 1'	40° 2'	163	199	92	99	Calm 0	NW 8	5	10	
19	30° 204	30° 184	37° 1'	31° 9'	30° 9'	44° 0'	196	170	88	95	ENE 2	E 1	10	4	
20	30° 213	30° 241	32° 2'	31° 5'	30° 8'	37° 0'	178	177	98	100	NNE 1	N 2	8	1	
21	30° 225	30° 214	31° 9'	32° 1'	28° 4'	42° 4'	168	170	93	94	Calm 0	N 1	8	10	
22	30° 143	30° 193	41° 6'	38° 6'	32° 1'	47° 7'	237	202	91	87	NNW 5	ENE 5	10	10	
23	30° 355	30° 402	41° 7'	40° 2'	33° 5'	46° 8'	198	213	76	86	SE 1	Calm 0	4	10	
24	30° 437	30° 387	43° 4'	42° 4'	39° 0'	49° 8'	230	218	81	81	NNW 1	NNW 2	10	10	
25	30° 319	30° 209	43° 6'	43° 1'	38° 2'	49° 2'	230	241	81	86	WNW 5	W 7	9	10	
26	30° 140	30° 108	44° 7'	40° 6'	39° 0'	49° 0'	259	232	88	92	W 6	W 4	10	0	
27	30° 039	30° 057	39° 4'	37° 1'	34° 0'	44° 5'	202	172	84	77	WNW 5	WNW 5	10	10	
28	30° 405	30° 414	38° 0'	40° 1'	31° 5'	44° 7'	160	219	69	89	NNW 2	WNW 2	10	10	
29	30° 489	30° 501	39° 9'	41° 1'	35° 5'	44° 5'	215	232	88	90	NW 4	NW 3	10	10	
30	30° 524	30° 565	43° 1'	43° 7'	40° 5'	48° 4'	247	240	89	84	NNW 2	WNW 2	10	10	
31	30° 575	30° 617	47° 9'	42° 6'	41° 0'	51° 1'	241	258	73	94	N 1	Calm 0	8	10	
Means	30° 191	30° 206	36° 7'	36° 1'	31° 9'	42° 2'	195	198	88° 8	91° 9	3° 9	3° 3	8° 6	7° 9	0° 990

## OSCOTT.

Height above Mean Sea Level, 460 feet. Long. 1° 51' W. Lat. 52° 33' N.  
MARCH 1875.

No.	Barometer.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction, and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	
1	ins.	ins.	29° 2'	30° 9'	28° 2'	32° 4'	ins.	ins.	%	%	NNE 2	NNE 4	10	10	ins.	✱° ga-gp. ✱° ga. ✱° in aft. ✱° gp.  ☼<



## STRATHFIELD TURGISS.

Height above Mean Sea Level, 196 feet. Long. 1° 3' W. Lat. 51° 20' N.

MARCH 1875.

Day.	Barometer.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	
1	ins.	ins.	31°	32°	29°	32°	ins.	ins.	88	85	NE 1	NE 1	10	10	ins.	* ga and gp Δ
2	29°789	29°798	31°	32°	29°	32°	153	154	88	85	NE 1	NE 1	10	10	ins.	ga *
3	816	870	31°	33°	30°	33°	165	163	94	87	NE 1	SE 1	10	10	ins.	ga *
4	867	29°935	33°	34°	31°	35°	161	156	84	78	E 1	SE 1	10	10	ins.	ga *
5	998	30°006	33°	35°	29°	40°	172	185	88	89	E 1	SE 1	10	10	ins.	ga *
6	992	29°861	35°	37°	32°	47°	184	177	90	78	E 0-1	SE 1-2	8	3	327	ga *
7	734	668	42°	47°	37°	49°	266	301	99	92	SE 1	S 1	10	10	137	ga *
8	29°863	29°920	51°	49°	47°	54°	342	331	90	96	SW 1	S 1-2	9	10	173	ga *
9	30°045	30°067	52°	50°	49°	55°	371	346	94	96	W 1-2	SW 1	10	10	ins.	ga *
10	29°911	338	52°	40°	37°	54°	289	209	74	85	W 2-3	NW 1	8	0	ins.	ga *
11	30°444	404	37°	36°	27°	52°	160	192	72	80	NW 0-1	NE 1	0	0	ins.	ga *
12	289	30°135	39°	38°	—	46°	191	181	80	77	E 1-2	E 1	0	10	ins.	ga *
13	30°004	29°937	34°	36°	34°	38°	203	192	100	90	E 1	NE 1	10	10	ins.	ga *
14	29°946	29°991	38°	39°	36°	41°	193	211	83	87	NE 1-2	NE 0-1	9	10	ins.	ga *
15	30°084	30°142	30°	33°	33°	48°	218	180	90	95	NE 1	NE 1	10	10	ins.	ga *
16	190	227	35°	35°	31°	46°	184	199	90	96	N 1	NE 1	10	10	ins.	ga *
17	266	191	31°	43°	30°	49°	177	248	100	87	Calm	N 1	10	10	ins.	ga *
18	295	512	36°	36°	36°	44°	192	169	90	79	N 1	NE 1-2	10	9	ins.	ga *
19	601	457	34°	32°	29°	43°	148	162	76	90	E 2	E 0-1	0	8	ins.	ga *
20	200	119	41°	35°	30°	51°	244	207	92	98	NW 1	E 1	10	10	ins.	ga *
21	174	175	39°	35°	29°	43°	166	165	69	79	N 1	NE 1	2	9	ins.	ga *
22	196	204	39°	37°	33°	43°	171	187	71	85	N 1	NE 1	9	9	ins.	ga *
23	125	164	41°	44°	33°	50°	228	244	89	84	NW 1	NE 2	10	10	ins.	ga *
24	347	392	39°	36°	33°	48°	189	186	77	87	NE 1	NE 0-1	0	0	ins.	ga *
25	398	414	41°	46°	33°	53°	208	238	81	75	NW 1	NW 1	10	10	ins.	ga *
26	414	328	46°	45°	36°	55°	238	266	75	87	W 1	W 1	3	10	ins.	ga *
27	280	191	51°	46°	43°	56°	275	289	74	92	W 1-2	W 1	8	10	ins.	ga *
28	148	096	48°	44°	35°	55°	227	225	67	77	NW 1-2	NW 2	2	6	ins.	ga *
29	248	370	41°	43°	35°	48°	179	223	69	80	N 2	N 1	9	10	ins.	ga *
30	490	495	46°	45°	33°	51°	246	230	79	76	N 2	NW 1	0	10	ins.	ga *
31	511	553	48°	47°	41°	55°	281	301	85	92	N 1	Calm	0	10	ins.	ga *
Means	30°169	30°178	40°	40°	34°	47°	216	219	83°	86°	1°	1°	7°	7°	0°	743

\* Mean for 29 days only.

## DARTMOOR.

Height above Mean Sea Level, 1,372 feet. Long. 3° 59' W. Lat. 50° 33' N.

MARCH 1875.

Day.	Barometer.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	
1	29°886	29°879	24°	26°	24°	27°	134	135	100	96	E 2	E 7	10	10	ins.	* before gp.
2	880	913	26°	26°	25°	30°	145	146	100	100	E 7	E 4	10	10	ins.	* before gp.
3	930	944	27°	29°	24°	30°	148	160	100	100	E 2	E 5	10	10	ins.	ga *
4	996	995	30°	32°	28°	33°	168	161	100	87	SE 4	SE 5	10	10	ins.	ga *
5	931	728	34°	36°	30°	39°	189	203	94	93	SSE 5	SSE 8	8	10	ins.	ga *
6	682	633	45°	45°	35°	46°	302	308	100	100	SSE 2	SW 7	10	10	ins.	ga *
7	29°922	29°905	46°	48°	45°	48°	318	335	100	100	SW 4	SW 7	10	10	ins.	ga *
8	30°142	30°071	47°	46°	45°	48°	328	313	100	100	W 4	W 6	10	10	ins.	ga *
9	130	388	41°	36°	35°	46°	243	187	92	87	NW 7	NW 4	9	4	ins.	ga *
10	459	341	37°	34°	29°	46°	193	160	86	79	N 5	E 8	4	0	ins.	ga *
11	30°205	30°060	32°	33°	31°	40°	168	174	91	89	E 9	E 10	10	7	ins.	ga *
12	29°996	29°999	31°	30°	30°	38°	160	168	92	97	E 5	E 4	10	10	ins.	ga *
13	30°023	30°029	32°	34°	30°	42°	169	185	93	94	E 2	E 2	10	10	ins.	ga *
14	116	201	36°	38°	32°	44°	217	220	100	96	E 1	E 2	10	10	ins.	ga *
15	273	264	41°	—	35°	45°	250	—	95	—	NW 1	NW 1	10	0	ins.	ga *
16	329	264	39°	—	32°	51°	193	—	79	—	NW 2	Calm	0	10	ins.	ga *
17	378	490	33°	33°	32°	40°	174	152	89	80	NE 4	E 9	10	9	ins.	ga *
18	628	558	34°	30°	26°	42°	186	122	92	72	E 7	NE 1	5	6	ins.	ga *
19	338	227	40°	41°	29°	45°	255	259	100	100	NW 3	NW 2	10	10	ins.	ga *
20	265	293	33°	31°	30°	46°	156	130	83	72	NW 2	N 1	0	2	ins.	ga *
21	301	306	37°	32°	27°	45°	163	136	72	73	NE 2	W 1	4	0	ins.	ga *
22	270	264	39°	41°	27°	45°	208	225	87	88	NW 1	NE 1	8	7	ins.	ga *
23	422	466	36°	35°	33°	48°	193	176	91	85	NE 2	NE 1	7	0	ins.	ga *
24	485	507	43°	40°	33°	50°	236	207	83	84	E 1	W 1	9	10	ins.	ga *
25	507	423	40°	40°	34°	51°	247	232	100	92	NW 4	W 5	10	10	ins.	ga *
26	363	316	42°	41°	39°	44°	231	259	86	98	NW 5	W 3	8	0	ins.	ga *
27	343	305	40°	37°	35°	46°	224	189	89	84	NW 5	NW 3	7	0	ins.	ga *
28	403	538	37°	35°	33°	44°	150	171	88	82	NE 5	N 2	5	0	ins.	ga *
29	643	649	40°	35°	34°	43°	198	174	80	83	NE 1	N 1	8	0	ins.	ga *
30	620	630	44°	41°	34°	49°	235	223	81	86	NE 1	NE 2	8	10	ins.	ga *
31	30°665	30°654	43°	40°	40°	51°	215	194	76	77	E 1	E 1	10	0	ins.	ga *
Means	30°243	30°235	37°	36°	32°	43°	206	197	90°	88°	3°	3°	8°	6°	3°	630

\* 29 days.

## MARKREE CASTLE.

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

MARCH 1875.

Day.	Barometer.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.		
1	ins.	ins.	33°	35°	32°	36°	ins.	ins.	79	85	N 1	ENE 3	10	10	ins.	✱ 0 for one hour.
2	30°023	30°085	33°7	35°0	32°5	36°7	152	174	79	85	N 1	ENE 3	10	10	ins.	
3	30°122	30°043	35°8	35°1	33°2	39°8	156	164	73	80	NE 3	NE 1	9	8	—	
4	29°983	29°978	35°1	36°8	33°7	38°2	191	191	93	88	E 2	SE 3	10	10	004	
5	951	896	35°5	36°7	35°0	41°4	174	193	84	89	SE 2	SE 4	10	10	—	
6	760	494	38°9	40°5	36°5	45°5	191	200	82	80	SE 5	E 7	10	10	070	
7	301	194	47°1	47°9	37°4	53°4	291	316	90	95	SE 4	SE 5	7	10	271	
8	429	636	49°0	48°1	47°2	56°4	314	316	91	94	SSW 3	SSW 1	10	9	—	
9	29°844	29°397	46°0	51°1	44°0	51°8	294	352	95	94	SW 2	SSW 6	10	10	763	
10	30°027	30°349	44°2	35°4	35°1	51°7	226	194	77	94	NNW 4	E 1	1	1	002	
11	290	117	40°9	42°1	29°4	48°9	216	223	85	83	SE 2	SE 5	0	4	—	
12	995	103	41°2	38°1	37°7	50°0	193	176	75	77	SE 4	SE 4	9	0	—	
13	976	929	39°3	36°0	33°9	41°5	167	192	71	91	ESE 2	E 2	1	10	002	
14	978	110	35°7	36°7	34°9	39°9	198	184	95	84	ESE 1	E 2	10	10	—	
15	147	168	37°1	40°1	36°1	45°2	202	232	91	93	NE 2	ESE 0°	10	10	014	
16	203	224	40°0	39°1	38°1	44°9	217	225	88	94	SE 0°	NE 0°	10	10	—	
17	213	344	40°8	36°9	36°7	46°9	247	196	97	90	SE 1	NE 1	10	0	041	
18	531	665	40°3	36°6	33°2	44°9	229	—	92	—	NE 1	ESE 1	5	10	—	
19	607	394	38°2	44°8	30°2	48°2	—	—	—	—	SW 1	WSW 3	9	10	035	
20	306	230	48°0	45°1	45°0	50°0	—	—	—	—	WNW 2	NW 0°	10	10	076	
21	276	250	42°1	39°9	35°0	51°4	—	—	—	—	E 1	Calm 0	2	4	047	
22	225	278	48°5	45°8	37°6	51°1	—	—	—	—	NW 4	NNE 1	6	10	—	
23	278	321	48°0	44°4	43°7	52°7	—	—	—	—	NNW 2	Calm 0	10	10	003	
24	353	323	45°1	47°1	36°3	54°4	—	—	—	—	Calm 0	Calm 0	7	10	001	
25	267	247	48°2	47°6	43°3	53°9	296	—	90	—	SW 4	SSW 3	10	2	001	
26	018	014	49°3	48°0	45°3	52°3	276	310	79	93	SSW 6	SSW 1	10	10	023	
27	007	040	46°1	42°0	41°1	52°5	260	227	84	86	WSW 3	SW 3	8	2	143	
28	111	281	44°7	42°8	39°1	49°8	242	223	82	81	NW 3	NW 4	1	5	028	
29	458	524	46°0	45°7	41°2	52°2	252	242	82	79	NW 2	WNW 2	10	10	004	
30	544	555	47°1	46°6	43°2	52°7	246	292	76	93	WNW 3	W 3	9	10	007	
31	603	644	47°8	46°1	42°6	51°3	266	278	80	89	WNW 2	NW 0°	9	10	001	
31	30°650	30°626	47°6	47°4	42°9	51°9	223	236	68	73	W 2	Calm 0	10	10	000	
Means	30°154	30°147	42°8	42°1	38°1	48°4	226	235	83°7	87°3	2°4	2°2	7°8	7°9	1°540	



## HAWES.

Height above Mean Sea Level, 800 feet. Long. 2° 11' W. Lat. 54° 18' N.  
APRIL 1875.

Day.	Barometer.		Air Temperature.			Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.		
1	ins.	ins.	44°	42°	41°	45°	ins.	ins.	66	76	NW 1	Calm	5	10	ins.
2	30°592	30°571	44°	42°	41°	45°	190	200	66	76	WSW 1	WSW 2	9	9	100
3	30°597	30°553	45°	41°	39°	47°	242	218	81	85	SW 3	WSW 4	10	4	720
4	29°848	29°451	42°	44°	40°	45°	246	237	92	82	SW 4	Calm	7	10	560
5	512	512	41°	35°	35°	46°	186	179	73	86	WSW 1	SW 2	8	0	410
6	571	188	43°	36°	32°	46°	237	183	84	84	SW 1	SSE 1	10	2	210
7	324	311	41°	40°	35°	48°	207	207	79	84	Calm	Calm	10	8	080
8	354	29°580	40°	39°	35°	50°	193	203	78	85	NE 1	NE 2	10	10	030
9	29°795	30°014	39°	38°	33°	41°	219	224	93	97	NNE 2	E 9	10	10	030
10	30°146	311	39°	39°	38°	41°	222	218	93	92	E 1	ENE 1	10	10	—
11	388	372	38°	39°	37°	41°	215	216	94	91	NE 1	E 1	10	10	—
12	323	328	42°	37°	35°	44°	243	220	90	97	Calm	Calm	10	0	—
13	326	358	40°	37°	35°	49°	220	182	89	83	Calm	Calm	10	0	—
14	359	384	39°	34°	33°	51°	177	168	74	85	Calm	Calm	1	0	—
15	321	405	48°	40°	28°	59°	226	226	66	92	Calm	Calm	10	0	—
16	439	399	44°	45°	35°	57°	252	249	87	83	Calm	Calm	10	10	—
17	344	297	48°	45°	38°	61°	279	254	82	84	Calm	Calm	0	0	—
18	259	191	48°	45°	34°	62°	263	257	79	84	Calm	Calm	0	0	—
19	132	118	49°	48°	35°	68°	293	270	84	81	Calm	Calm	0	0	—
20	161	204	53°	47°	35°	67°	272	248	67	76	Calm	Calm	0	0	—
21	30°141	036	60°	47°	34°	69°	281	218	55	68	Calm	Calm	0	0	—
22	29°932	30°063	51°	36°	36°	58°	280	174	75	80	Calm	E 1	7	10	—
23	29°986	29°939	41°	35°	31°	52°	162	163	62	79	Calm	Calm	0	7	—
24	30°033	30°167	38°	36°	31°	45°	190	174	81	82	Calm	Calm	0	10	—
25	234	270	41°	38°	35°	53°	193	179	75	77	Calm	Calm	0	10	—
26	267	262	47°	39°	26°	56°	208	193	63	70	Calm	Calm	0	4	—
27	30°133	047	49°	48°	28°	56°	210	243	59	73	Calm	SW 1	5	10	020
28	29°998	045	47°	47°	44°	55°	301	292	93	91	WSW 1	W 2	10	7	—
29	30°095	126	52°	46°	43°	58°	296	276	74	87	Calm	W 2	9	5	—
30	060	110	51°	48°	46°	57°	295	305	78	91	W 1	W 1	9	8	—
Means	30°069	30°076	45°	41°	36°	53°	236	222	78°	84°	0°6	0°8	7°1	5°3	2°160

## CALCETHORPE.

Height above Mean Sea Level, 379 feet. Long. 0° 7' W. Lat. 53° 23' N.  
APRIL 1875.

1	30°561	30°540	46°	42°	42°	49°	242	203	78	73	NNW 1	NW 1	10	10	—
2	30°433	30°210	43°	42°	40°	51°	190	199	66	76	WSW 2	SW 1	10	6	018
3	29°930	29°560	47°	40°	39°	51°	273	279	85	87	SW 4	WSW 7	8	10	059
4	561	535	42°	40°	39°	48°	215	198	81	77	WSW 5	ESE 1	9	10	147
5	170	230	45°	41°	39°	53°	272	220	90	84	S 6	S 5	10	1	010
6	394	387	44°	42°	39°	52°	246	218	84	80	SSW 1	S 2	7	5	047
7	365	507	37°	41°	37°	47°	207	256	94	99	WSW 1	NE 1	10	10	163
8	662	29°871	39°	39°	38°	41°	234	238	96	98	NE 3	NE 4	10	10	090
9	29°999	30°190	38°	38°	37°	39°	232	227	99	99	NE 6	NE 4	10	10	154
10	30°281	270	39°	38°	37°	43°	231	213	96	93	NNE 3	NE 3	10	1	—
11	267	278	38°	38°	36°	42°	227	227	99	99	NE 3	NE 2	10	10	—
12	257	260	39°	38°	37°	46°	220	210	91	91	N 3	NE 4	10	7	—
13	325	370	39°	33°	33°	43°	184	169	76	88	NNE 2	Calm	0	10	—
14	344	361	42°	39°	39°	56°	203	222	73	94	W 1	NNE 1	0	0	—
15	444	425	41°	37°	37°	49°	229	202	88	90	NNE 1	Calm	0	9	—
16	379	282	39°	44°	30°	56°	231	269	95	91	SSW 1	WSW 1	0	5	—
17	256	211	51°	37°	36°	56°	303	218	79	99	E 1	SE 2	0	0	—
18	141	108	47°	47°	29°	59°	292	281	91	85	S 1	Calm	0	1	—
19	171	209	52°	46°	37°	59°	299	263	75	83	SE 1	SE 1	0	0	—
20	30°194	016	51°	38°	38°	68°	299	307	79	76	S 2	SSW 1	0	0	—
21	29°867	30°016	62°	38°	37°	64°	343	210	60	92	WSW 2	NE 1	2	8	045
22	29°984	29°934	39°	32°	32°	44°	190	168	77	90	ENE 2	Calm	0	10	—
23	30°009	30°162	41°	32°	30°	43°	208	169	79	91	N 1	Calm	0	10	—
24	254	265	42°	42°	31°	51°	195	212	71	80	SE 1	SW 1	2	10	—
25	264	251	49°	43°	40°	58°	253	259	72	92	WNW 1	E 2	0	10	—
26	175	086	52°	48°	42°	58°	307	270	79	79	SSW 1	S 1	0	8	—
27	039	034	47°	50°	41°	59°	286	279	89	76	SW 2	WNW 1	10	4	—
28	112	131	53°	51°	44°	61°	343	309	83	83	W 1	NNW 1	9	8	—
29	105	086	52°	48°	40°	62°	324	311	83	93	SW 2	Calm	0	7	—
30	30°082	30°056	53°	43°	43°	64°	334	276	82	97	WNW 1	E 2	10	9	—
Means	30°067	30°061	45°	42°	37°	52°	254	236	83°	87°	2°1	1°7	6°4	5°3	0°733

## BUXTON.

Height above Mean Sea Level, 987 feet. Long. 1° 54' W. Lat. 53° 14' N.  
APRIL 1875.

Day.	Barometer.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.	
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.		
1	ins.	ins.	40°	38°	35°	51°	ins.	ins.	70	81	NNW 1	NW 2	8	0	ins.	⚠ before 9p. ✱ before 9a. Hills covered with ✱	
2	30°592	30°599	40°	38°	33°	46°	214	187	88	76	NW 2	WNW 3	10	10	—		
3	30°475	30°230	41°	39°	33°	46°	229	182	99	96	WNW 5	NW 8	7	10	465		
4	29°919	29°593	44°	45°	38°	48°	286	293	84	79	NNW 6	NE 5	10	10	340		
5	629	500	39°	39°	36°	42°	202	193	83	97	SW 5	NW 2	8	9	290		
6	162	226	43°	37°	36°	47°	238	218	74	83	SW 5	NW 1	5	10	190		
7	374	366	44°	39°	31°	47°	214	203	70	87	W 2	NW 1	6	10	130		
8	354	550	40°	37°	34°	48°	179	196	98	97	EbyN 2	NE 3	10	10	050		
9	29°752	29°944	38°	38°	37°	40°	231	225	82	97	NE 4	E 5	9	10	145		
10	30°057	30°234	41°	37°	36°	42°	212	220	97	91	E 6	E 1	10	0	—		
11	284	317	39°	36°	35°	42°	231	195	92	96	E 5	E 2	10	10	—		
12	288	308	39°	37°	35°	42°	218	225	91	87	EbyN 1	NE 2	10	0	—		
13	299	326	39°	35°	33°	50°	221	179	81	89	NE 3	NW 1	10	3	—		
14	335	328	39°	30°	29°	45°	199	149	67	94	E 2	NW 1	6	10	—		
15	353	417	43°	38°	23°	57°	188	218	64	94	E 2	NE 1	0	1	—		
16	410	420	49°	37°	33°	53°	227	214	79	79	EbyN 2	SE 1	2	9	—		
17	422	254	47°	45°	38°	53°	262	239	76	93	Calm	SSW 1	5	10	—		
18	261	174	50°	40°	33°	60°	275	236	57	84	NW 1	S 1	4	0	—		
19	227	145	56°	42°	29°	62°	261	233	57	80	SE 2	Calm	0	0	—		
20	165	227	56°	42°	32°	64°	259	221	54	73	SE 1	E 1	0	0	—		
21	30°150	049	60°	49°	31°	66°	287	253	42	84	SW 2	E 4	1	10	—		
22	29°871	30°015	63°	37°	35°	67°	246	191	70	76	SE 3	E 1	3	10	—		
23	29°991	29°958	37°	37°	33°	48°	154	170	71	78	SE 5	Calm	0	10	—		
24	30°019	30°158	41°	38°	33°	44°	184	179	67	64	NbyE 3	Calm	0	7	—		
25	260	282	39°	43°	34°	49°	160	184	56	74	Calm	0	NE	1	6		—
26	290	273	47°	41°	29°	56°	185	190	49	72	SbyE 3	SW 1	0	10	—		
27	154	070	52°	48°	37°	54°	193	238	93	77	SE 3	NW 2	4	6	—		
28	049	031	46°	49°	41°	58°	288	271	76	75	SE 2	NNW 3	10	10	—		
29	130	30°148	53°	51°	40°	58°	315	285	69	82	NW 3	NNE 1	9	10	—		
30	142	—	50°	48°	43°	61°	256	279	73	62	NNW 1	SE 1	7	10	—		
30	30°091	30°053	53°	48°	46°	60°	299	210	74°3	83°2	2°7	1°9	6°2	6°9	1°610		
Means	30°084	30°076	46°3	41°3	34°8	52°4	230	216	74°3	83°2	2°7	1°9	6°2	6°9	1°610		



## CARMARTHEN.

Height above Mean Sea Level, 188 feet. Long. 4° 18' W. Lat. 51° 52' N.  
APRIL 1875.

Day.	Barometer.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	
1	ins.	ins.	49.2	39.6	39.1	57.9	ins.	ins.	76	84	Calm	0	N	1	8	0
2	30.494	30.256	43.5	42.3	34.4	52.9	233	246	82	92	Calm	0	SW	1	9	2
3	30.000	29.720	48.5	46.9	42.2	50.4	299	309	89	97	SW	3	SW	1	10	10
4	29.707	33.9	49.1	46.7	41.4	53.9	240	309	69	97	NW	1	W	5	4	10
5	30.84	223	45.2	41.1	41.0	50.0	271	242	90	94	SW	5	NW	2	10	6
6	382	250	49.3	40.9	34.3	54.5	285	235	82	92	W	2	W	4	7	8
7	296	474	42.7	39.9	32.2	44.7	234	219	85	90	SE	2	SE	2	8	1
8	29.674	29.888	45.9	44.9	39.3	47.1	252	255	83	86	NE	4	NE	1	10	10
9	30.038	30.128	44.2	44.1	40.4	48.4	241	266	83	92	NE	1	NE	1	10	10
10	195	158	44.3	45.9	41.9	48.8	253	261	87	86	NE	3	E	3	10	10
11	195	157	44.6	46.8	39.9	48.2	245	281	83	88	NE	1	E	1	10	10
12	220	222	52.6	46.9	42.0	61.0	293	278	74	88	NE	1	N	1	1	0
13	278	296	46.7	40.7	37.3	57.3	231	233	73	92	E	1	NE	1	0	0
14	320	336	49.3	42.7	33.3	59.6	226	224	65	82	E	1	NE	1	0	0
15	374	325	52.8	49.3	35.6	61.0	265	294	67	84	E	1	E	1	0	4
16	326	234	51.8	44.9	39.0	57.3	293	264	76	89	SE	1	E	1	3	0
17	202	082	55.3	49.1	37.1	62.9	295	274	68	79	SE	1	E	1	0	0
18	049	026	61.1	52.0	38.7	65.8	299	278	56	72	E	1	E	1	0	0
19	065	30.095	61.2	54.6	40.3	70.2	316	261	58	62	NE	1	E	1	0	0
20	30.086	29.965	62.6	54.8	44.7	71.5	321	276	56	65	E	1	NE	1	0	0
21	29.829	836	61.6	50.8	45.7	68.1	335	358	61	96	SE	1	E	1	9	10
22	857	29.882	41.3	39.6	37.7	51.6	251	227	97	93	E	1	Calm	0	10	10
23	29.974	30.063	50.6	43.7	30.7	56.3	267	247	72	86	SE	1	SE	1	0	8
24	30.201	225	49.0	48.6	41.4	51.2	271	202	78	59	S	1	W	1	6	2
25	287	212	45.2	44.3	33.8	58.1	271	232	90	80	Calm	0	Calm	0	9	2
26	092	015	48.6	48.2	33.7	58.4	266	315	78	94	SE	3	SW	1	8	10
27	050	103	49.8	47.5	45.1	59.4	319	324	89	99	Calm	0	W	1	10	?
28	175	188	53.1	50.8	45.8	59.6	329	353	81	95	W	1	SW	1	9	10
29	172	30.121	52.6	47.5	47.3	56.2	288	287	73	89	SW	1	S	1	10	10
30	30.080	29.925	53.1	48.4	37.5	62.1	268	293	67	87	SE	1	SE	1	10	0
Means	30.043	30.010	50.2	46.1	39.1	56.8	274	268	76.3	86.3	1.4	1.3	6.0	4.9	3.160	

\* 29 days.

## STRATHFIELD TURGISS.

Height above Mean Sea Level, 196 feet. Long. 1° 0' W. Lat. 51° 20' N.  
APRIL 1875.

1	30.580	30.549	46.0	42.6	42.0	53.1	264	238	86	87	N	1	Calm	0	10	10
2	507	30.275	45.3	44.0	38.3	54.9	221	234	74	81	N	1	W	1	10	10
3	30.093	29.821	43.8	46.6	38.6	52.1	261	285	92	90	SW	1-2	SW	2-3	10	10
4	29.717	584	49.4	47.7	44.2	56.8	284	313	81	95	NW	1	SW	1	4	10
5	279	362	47.1	42.9	42.0	56.4	298	250	92	91	SW	1-2	SW	2	3	5
6	470	397	49.8	40.5	34.6	55.9	267	226	75	90	SW	1-2	NW	1	5	8
7	389	481	44.0	42.4	42.3	55.4	225	253	77	94	NW	1	NW	1	4	9
8	614	29.803	43.9	43.0	37.3	53.1	225	277	78	100	NE	1	NE	1-2	9	10
9	29.927	30.091	40.1	41.4	39.0	43.3	233	254	94	98	NE	2-3	N	1	10	10
10	30.158	156	43.9	41.1	40.2	45.4	256	251	93	97	NE	1	NE	1	10	10
11	155	187	43.1	45.5	40.4	47.2	260	293	93	97	NE	1-2	NE	0-1	10	10
12	236	167	42.0	38.5	38.1	47.7	267	215	100	93	NE	1	NE	1	10	0
13	287	321	41.4	40.3	34.0	50.1	199	233	77	94	NE	1-2	E	1	10	0
14	360	345	37.9	40.5	26.3	56.0	206	225	90	90	SE	1	NE	1	5	0
15	400	401	43.8	40.3	34.4	53.8	261	233	92	94	SE	1	NE	1	0	0
16	401	299	45.0	43.7	35.4	58.1	233	229	78	80	SE	1	SE	1	7	0
17	278	155	51.8	47.0	30.9	63.6	265	294	70	92	SE	0	SSE	0-1	0	0
18	122	087	51.5	47.4	30.3	66.2	270	294	72	90	SE	1	SE	0-1	0	0
19	144	183	58.1	49.5	33.7	71.9	317	289	66	82	NE	0-1	SE	0-1	0	0
20	30.185	30.047	58.9	49.2	34.2	73.0	311	299	63	86	SE	0-1	Calm	0	0	0
21	29.909	29.908	56.4	46.2	36.0	70.5	315	313	69	100	SE	1	NE	1-2	10	10
22	914	29.888	39.4	39.2	32.4	47.8	233	235	97	98	NE	1	NE	1	10	10
23	29.988	30.105	44.5	43.3	35.2	52.1	203	231	70	82	E	1	ENE	1	3	9
24	30.239	280	45.4	36.8	30.3	52.7	208	202	69	93	E	1	NE	1	2	0
25	—	279	49.4	41.3	26.6	60.2	206	209	58	81	N	1	Calm	0	0	0
26	220	114	52.5	47.0	31.4	58.5	259	233	67	73	SE	1	E	0-1	10	9
27	069	085	60.0	54.8	38.8	67.9	318	377	62	88	W	1	W	0-1	0	9
28	186	187	50.6	51.5	43.1	67.6	336	318	92	84	NW	1	NW	1	0	0
29	197	30.120	55.8	47.3	39.2	63.0	315	294	71	91	NW	1	W	1	8	0
30	30.097	29.999	61.5	49.8	35.1	69.7	340	322	54	90	Calm	0	SE	1	1	0
Means	30.073	30.056	48.0	44.4	36.1	57.5	262	264	78.4	90.0	1.0	0.9	5.4	5.0	1.502	

\* 29 days.

## DARTMOOR.

Height above Mean Sea Level, 1,372 feet. Long. 3° 59' W. Lat. 50° 33' N.  
APRIL 1875.

Day.	Barometer.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	
	ins.	ins.					ins.	ins.	%	%						ins.
1	30° 663	30° 645	46° 4	37° 6	36° 8	52° 8	239	186	77	83	E	1	E	1	9	0
2	549	30° 427	46° 2	35° 2	34° 0	50° 8	201	182	65	88	NW	1	NW	3	6	0
3	30° 206	29° 955	40° 8	42° 8	34° 0	45° 6	255	275	100	100	W	5	SW	6	10	10
4	29° 882	613	41° 2	42° 2	38° 4	45° 2	245	269	95	100	W	1	SW	6	10	10
5	367	421	40° 0	38° 8	33° 6	45° 0	210	231	86	99	W	4	W	5	7	10
6	584	472	41° 2	34° 8	34° 8	46° 2	245	202	95	100	W	3	NW	5	8	5
7	465	558	39° 2	35° 4	30° 6	42° 6	208	176	87	85	W	1	N	3	8	4
8	29° 684	29° 926	35° 6	38° 6	32° 8	41° 0	208	234	100	100	N	4	NE	4	10	10
9	30° 058	30° 112	35° 6	36° 6	34° 4	39° 6	200	217	97	100	NE	7	NE	6	10	10
10	240	218	36° 2	38° 2	35° 4	41° 6	214	231	100	100	NE	5	NE	6	10	10
11	222	210	38° 0	39° 2	35° 8	40° 8	229	239	100	100	NE	3	NE	3	10	10
12	272	261	45° 2	41° 8	38° 8	59° 6	302	243	100	92	E	3	E	6	10	7
13	297	360	37° 8	34° 8	31° 2	49° 6	192	179	85	88	E	7	E	4	5	0
14	386	440	43° 6	36° 6	29° 6	51° 2	235	162	83	75	E	4	E	1	4	0
15	443	457	50° 0	40° 0	34° 2	57° 0	212	199	59	81	E	2	Calm	0	0	0
16	429	345	39° 0	34° 6	32° 8	48° 2	230	200	97	100	SE	2	E	1	10	0
17	298	196	42° 6	37° 8	33° 0	50° 6	255	211	93	93	E	4	E	3	6	0
18	145	162	48° 6	39° 6	33° 8	55° 0	231	186	67	76	E	5	SE	1	0	0
19	177	211	54° 5	43° 8	37° 2	62° 8	276	197	65	68	SE	1	Calm	0	0	2
20	30° 183	30° 115	57° 9	48° 2	40° 5	63° 4	330	234	69	70	E by S	1	Calm	0	0	0
21	29° 945	29° 949	58° 3	49° 0	47° 0	62° 8	280	348	58	100	E by S	1	Calm	0	8	10
22	29° 954	29° 956	38° 6	36° 6	36° 0	50° 8	234	217	100	100	E	4	E	4	10	10
23	30° 053	30° 145	38° 0	32° 6	31° 8	47° 8	186	164	81	89	E	5	E	2	7	0
24	284	374	39° 2	36° 0	30° 0	48° 6	200	196	84	93	E	2	Calm	0	10	0
25	384	325	46° 4	35° 6	31° 0	50° 6	189	153	60	73	E	2	E	2	0	0
26	223	120	45° 0	45° 0	31° 6	51° 6	233	212	78	71	SE	4	SE	2	8	10
27	157	213	47° 8	43° 0	32° 0	53° 2	328	246	98	89	Calm	0	NW	1	10	0
28	311	324	48° 4	43° 6	41° 2	55° 4	277	244	82	86	NW	2	NW	1	8	0
29	296	210	51° 2	41° 0	38° 0	55° 4	257	235	68	92	SW	1	Calm	0	5	0
30	30° 144	30° 074	54° 8	45° 6	38° 4	59° 0	273	283	64	93	Calm	0	Calm	0	0	2
Means	30° 143	30° 127	44° 2	39° 5	35° 0	50° 8	239	218	83° 1	89° 5	2° 8		2° 5	6° 6	4° 0	2° 950



## BIRR CASTLE, PARSONSTOWN.

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

APRIL 1875.

Day	Barometer.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	
1	ins.	ins.	45°6'	43°0'	42°7'	50°4'	ins.	ins.	69	82	SW 0.5	Calm 0	10	10	—	
2	30°475	30°217	45°2'	46°5'	41°9'	51°9'	226	259	75	83	WSW 0.5	WSW 1-2	10	10	—	
3	29°821	29°700	48°8'	44°0'	43°6'	52°2'	300	236	86	81	SW 3	WSW 1-3	10	7	0.035	
4	708	329	43°7'	40°0'	34°9'	48°6'	244	228	85	93	SW 0.5	E 0.5	7	9	0.072	
5	059	249	39°7'	39°0'	35°1'	46°7'	214	209	88	88	N 0.5	WSW 1	10	1	0.032	
6	293	243	41°1'	34°1'	33°8'	48°3'	228	181	89	91	WSW 1	WSW 1-3	4	1	0.130	
7	333	29°675	37°4'	39°6'	33°0'	49°5'	214	217	95	89	N 1	NNW 1	10	8	0.005	2 about 9.30p. very faint at 10p. before ga. [scarcely visible at 11p]
8	29°959	30°140	43°9'	46°1'	30°6'	56°0'	225	253	78	82	N 1-3	NNW 3	6	0	—	
9	30°243	294	48°0'	43°7'	40°4'	59°2'	224	227	67	79	NNW 1	NE 1	7	0	—	
10	368	322	43°7'	43°6'	40°5'	54°0'	227	229	79	81	NNE 0.5	NE 0.5	10	0	—	
11	312	241	46°7'	45°8'	39°6'	58°8'	244	266	77	87	NE 0.5	NE 1	2	7	—	
12	279	321	48°0'	38°0'	37°6'	55°4'	285	212	86	93	E 0.5	Calm 0	7	0	—	
13	311	308	40°2'	43°7'	34°0'	64°2'	245	191	98	67	Calm 0	E 0.5	8	0	—	ga and previously.
14	317	330	49°0'	42°0'	31°1'	58°8'	251	195	72	74	SE 0.5	SE 1	0	0	—	
15	346	297	50°6'	43°0'	34°9'	64°9'	242	208	66	75	ESE 1	SE 1-3	0	7	—	
16	263	212	53°5'	43°6'	38°3'	62°7'	287	255	71	89	SSE 0.5	SE 1	0	0	—	gp.
17	177	084	52°8'	39°7'	39°2'	63°9'	272	205	68	84	SSE 0.5	SE 0.5	2	0	—	gp.
18	020	035	56°6'	47°5'	37°8'	65°7'	275	239	60	73	SSE 0.5	Calm 0	0	0	—	
19	056	30°074	57°8'	50°5'	37°8'	70°3'	275	266	58	73	SSE 0.5	S 0.5	0	8	—	
20	30°011	29°944	59°5'	54°0'	38°5'	71°7'	322	271	63	65	SE 1-3	SE 0.5	0	0	0.115	
21	29°849	865	53°0'	49°0'	48°0'	60°5'	371	322	92	93	SE 0.5	E 1	10	10	0.182	
22	29°913	29°972	43°7'	37°7'	37°7'	51°3'	257	197	90	87	E 1-2	Calm 0	10	0	0.002	gp.
23	30°056	30°126	44°7'	46°1'	28°0'	52°7'	227	239	77	77	NE 0.5	Calm 0	7	10	—	
24	206	243	50°0'	44°6'	30°8'	58°8'	219	237	61	80	SSW 0.5	Calm 0	0	0	—	
25	30°251	30°153	51°0'	45°7'	32°4'	58°9'	276	239	74	79	SSE 0.5	SE 1-2	0	10	0.108	before gp.
26	29°919	29°973	49°6'	50°4'	44°0'	57°7'	314	322	89	88	SE 3	WSW 0.5	10	10	0.010	
27	30°023	30°087	57°0'	47°5'	46°7'	63°3'	351	292	75	90	WNW 1	Calm 0	7	1	—	
28	117	135	54°2'	51°6'	40°6'	60°8'	308	292	73	76	SSW 0.5	WSW 1	9	2	—	
29	127	30°077	54°8'	52°2'	50°1'	61°3'	350	320	82	82	SSW 0.5	SW 0.5	10	10	—	
30	30°015	29°922	54°8'	50°0'	46°6'	62°1'	330	309	77	86	SW 0.5	SE 1-2	10	9	0.100	
Means	30°050	30°039	48°8'	44°7'	38°3'	58°0'	267	245	77.3	82.2	0°9	0°9	5°9	4°3	0°791	

## HAWES.

Height above Mean Sea Level, 800 feet. Long. 2° 11' W. Lat. 54° 18' N.

MAY 1875.

1	30°018	29°980	40°8'	43°0'	38°2'	47°8'	255	264	100	95	E 1	E 1	0	10	—	
2	30°033	29°971	43°9'	43°9'	40°9'	54°6'	262	262	91	91	Calm 0	Calm 0	10	0	—	
3	29°894	29°944	59°0'	53°0'	35°2'	64°0'	287	351	57	87	Calm 0	Calm 0	8	10	0.010	2 in afternoon.
4	29°991	30°041	55°5'	49°0'	47°0'	60°0'	353	295	80	85	Calm 0	Calm 0	10	10	0.020	
5	30°023	29°915	54°8'	51°0'	43°0'	61°8'	304	343	71	92	Calm 0	ESE 1	7	10	0.010	
6	29°746	649	52°1'	46°5'	44°8'	63°0'	308	302	79	96	Calm 0	Calm 0	10	7	0.140	
7	478	657	47°2'	44°6'	43°2'	55°8'	294	218	91	74	Calm 0	WNW 1	10	3	0.030	
8	716	670	54°9'	50°6'	37°7'	60°0'	348	315	81	86	Calm 0	SSW 1	9	10	0.150	0 in morning.
9	29°693	29°826	53°4'	50°0'	46°0'	57°7'	304	315	74	87	SW 2	SW 3	6	10	0.060	
10	30°060	30°320	51°0'	45°0'	44°8'	56°3'	255	241	68	81	W 1	SW 1	5	7	—	
11	261	295	47°2'	51°1'	40°2'	51°9'	294	357	91	95	SW 1	SW 2	10	10	0.480	
12	278	274	49°2'	50°4'	47°1'	52°7'	322	361	93	98	SW 2	WNW 2	10	10	0.140	gp
13	254	323	54°7'	49°0'	48°8'	59°8'	335	302	79	87	W 1	SW 2	10	0	—	
14	277	199	58°8'	54°0'	41°7'	60°8'	377	340	76	81	Calm 0	SW 1	10	0	0.030	
15	126	301	54°1'	46°1'	46°0'	61°0'	357	227	85	73	SW 1	SE 1	9	0	—	
16	292	30°235	51°0'	46°3'	39°1'	64°0'	239	240	64	77	NW 1	Calm 0	2	0	—	
17	30°056	29°841	57°0'	48°0'	33°9'	64°4'	270	275	58	83	Calm 0	Calm 0	0	8	0.150	
18	29°553	449	49°9'	44°5'	43°4'	52°7'	311	248	87	85	Calm 0	WSW 2	10	9	0.070	
19	510	639	43°4'	45°8'	39°9'	52°0'	246	251	87	82	WSW 1	SW 2	8	10	0.090	2 and 2 showers 8.40 a-2p.
20	570	606	46°3'	49°9'	44°3'	51°0'	270	311	87	87	SSW 2	SW 2	10	10	0.510	
21	644	496	57°2'	47°0'	44°0'	60°0'	365	271	78	85	S 1	SSW 1	6	3	0.340	T 7.30p.
22	677	29°772	51°0'	46°2'	43°7'	56°2'	238	266	64	86	SW 2	SW 2	8	9	0.260	
23	29°923	30°147	46°2'	47°0'	44°5'	53°3'	257	247	84	77	SW 2	W 3	10	6	0.060	
24	30°300	178	52°1'	51°0'	42°2'	58°1'	290	348	75	93	SW 1	SW 3	10	10	0.190	
25	249	305	53°0'	47°3'	45°1'	57°1'	269	234	67	72	W 2	WSW 1	6	10	—	
26	301	350	49°1'	44°0'	40°7'	59°0'	255	244	74	84	NW 1	S 1	8	10	—	
27	30°249	30°049	51°0'	52°3'	35°3'	54°2'	255	308	68	79	Calm 0	NW 1	10	10	0.160	
28	29°827	29°938	51°7'	43°5'	43°0'	57°3'	334	249	87	88	WSW 1	E 1	10	10	0.060	
29	975	30°026	43°9'	38°8'	38°7'	51°0'	249	203	87	86	NE 1	Calm 0	10	0	—	
30	29°966	29°999	50°6'	48°0'	30°8'	60°6'	278	295	75	89	Calm 0	Calm 0	8	6	—	
31	30°040	30°159	57°9'	53°0'	34°3'	68°9'	297	325	61	81	Calm 0	Calm 0	5	0	—	
Means	29°967	29°986	51°2'	47°7'	41°5'	57°9'	293	284	78°0	85°2	0°8	1°3	7°9	6°6	2°960	

## CALCETHORPE.

Height above Mean Sea Level, 379 feet. Long. 0° 7' W. Lat. 53° 23' N.

MAY 1875.

Day.	Barometer.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	
1	ins.	ins.	42° 9'	42° 0'	40° 7'	44° 8'	ins.	ins.	%	%	E 2	E 1	10	10	ins.	ga and before. ga.
2	29° 022	29° 955	44° 7'	43° 0'	41° 5'	55° 8'	286	267	99	100	NNE 1	Calm 0	10	0	0° 073	
3	29° 948	29° 950	55° 8'	50° 7'	35° 8'	64° 5'	361	304	81	83	S 1	SE 1	1	1	—	
4	30° 001	30° 012	59° 5'	53° 4'	49° 1'	65° 6'	355	335	70	82	SSE 1	WSW 1	1	3	—	
5	30° 009	29° 903	60° 8'	48° 7'	47° 6'	66° 5'	409	323	77	94	S 1	ESE 1	7	7	0° 015	
6	29° 797	685	53° 0'	53° 1'	42° 5'	65° 0'	371	344	92	84	ESE 1	S 3	10	3	0° 067	
7	510	656	50° 2'	46° 5'	46° 5'	55° 7'	305	257	84	82	SSW 3	SW 2	9	3	0° 073	
8	786	732	58° 6'	55° 9'	41° 5'	64° 2'	433	447	88	100	SW 1	SSW 3	8	9	0° 207	
9	29° 803	29° 881	56° 0'	52° 6'	45° 7'	63° 3'	384	308	86	77	SW 3	SW 1	8	8	—	
10	30° 073	30° 316	54° 7'	46° 3'	45° 7'	58° 9'	264	221	62	71	W 3	WNW 1	3	1	—	
11	357	325	50° 7'	55° 6'	38° 0'	63° 3'	268	340	73	77	SW 3	SW 2	10	7	0° 030	
12	287	285	58° 4'	54° 7'	47° 3'	68° 0'	337	358	69	84	SW 2	WSW 1	5	4	—	
13	272	297	59° 2'	52° 7'	51° 0'	65° 9'	360	324	72	81	W 3	WNW 1	4	1	—	
14	276	195	62° 0'	56° 9'	43° 1'	72° 9'	366	356	66	77	N 1	SW 1	0	0	—	
15	114	257	66° 0'	47° 7'	47° 6'	70° 5'	364	259	57	79	SW 1	Calm 0	4	0	—	
16	294	30° 242	52° 3'	43° 2'	39° 7'	57° 9'	224	230	58	82	N 1	E 1	1	0	—	
17	30° 127	29° 893	54° 1'	46° 0'	36° 9'	62° 4'	223	271	53	88	SSE 1	SE 1	1	5	0° 124	
18	29° 589	498	47° 9'	45° 0'	42° 1'	53° 3'	311	256	94	86	SE 1	WSW 1	10	3	0° 223	
19	536	704	48° 0'	46° 0'	40° 7'	54° 7'	251	238	75	77	W 3	WSW 1	9	3	0° 101	
20	670	680	51° 6'	50° 3'	40° 2'	57° 9'	278	285	73	70	S 5	WSW 1	10	2	0° 186	
21	737	558	56° 1'	55° 2'	42° 0'	64° 6'	388	378	86	87	S 3	SSW 5	9	7	0° 053	
22	29° 757	29° 853	56° 9'	50° 0'	46° 6'	61° 3'	312	314	68	87	SSW 5	SSW 3	7	6	0° 103	
23	30° 013	30° 219	53° 1'	49° 3'	41° 4'	59° 6'	286	280	74	83	SW 5	WSW 3	7	3	0° 049	
24	365	246	55° 2'	56° 6'	43° 2'	64° 3'	323	406	74	88	WSW 1	W 2	3	7	—	
25	254	286	57° 9'	46° 7'	46° 7'	61° 8'	335	240	70	76	W 2	WNW 1	8	3	—	
26	244	289	53° 1'	44° 7'	42° 4'	57° 0'	274	220	69	78	N 2	N 1	7	2	—	
27	30° 229	30° 036	50° 0'	47° 7'	40° 7'	56° 2'	257	327	72	99	N 3	SW 2	8	10	0° 107	
28	29° 833	29° 855	52° 0'	45° 0'	45° 0'	57° 1'	353	277	91	93	W 1	NNE 4	10	10	0° 025	
29	895	970	46° 0'	45° 2'	43° 0'	52° 5'	277	254	90	85	NE 3	NNE 2	10	9	—	
30	29° 970	29° 993	49° 9'	47° 1'	36° 4'	59° 9'	230	270	64	84	Calm 0	SSE 1	9	10	—	
31	30° 086	30° 174	54° 0'	45° 3'	45° 3'	59° 9'	283	267	68	89	SE 1	E 1	8	1	—	
Means	29° 994	29° 997	53° 9'	49° 1'	43° 1'	60° 8'	314	298	75° 8'	84° 8'	2° 1'	1° 6'	6° 7'	4° 5'	1° 436	



## OSCOTT.

Height above Mean Sea Level, 460 feet. Long. 1° 51' W. Lat. 52° 33' N.  
MAY 1875.

Day.	Barometer.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	
1	ins.	ins.	48° 5'	46° 1'	45° 1'	55° 2'	ins.	ins.	%	%	E 2	NNE 2	10	10	ins.	ga. 200 in forenoon. Fine in aft.
2	29° 942	29° 918	48° 5'	46° 1'	45° 1'	55° 2'	291	320	96	86	SSE 0-1	SE 2	10	0	—	
3	29° 874	29° 935	57° 2'	54° 5'	43° 3'	60° 8'	342	342	73	81	S 3	SSE 1	9	10	—	
4	30° 012	30° 016	54° 8'	54° 0'	48° 0'	67° 0'	364	363	85	87	S 2	N 2	7	9	—	ga. 200
5	29° 993	29° 881	57° 6'	53° 1'	43° 7'	68° 4'	376	334	79	82	SSE 2	S 2	4	10	—	
6	751	645	55° 8'	53° 1'	46° 0'	63° 1'	357	324	80	80	S 4	S 4	10	10	180	
7	490	680	49° 6'	50° 9'	45° 4'	59° 3'	296	312	83	84	S 4	SW 2	10	5	070	ga. 200
8	775	725	55° 5'	54° 0'	49° 0'	64° 9'	394	406	89	97	S 3	S 5-6	10	10	120	
9	29° 819	29° 902	51° 7'	51° 1'	45° 2'	64° 3'	342	322	89	85	S 4	SW 3	10	0	010	
10	30° 134	30° 346	52° 0'	49° 0'	46° 1'	60° 8'	285	247	73	71	W 5	Calm 0	9	2	—	ga. 200
11	371	367	51° 4'	52° 5'	42° 3'	66° 8'	290	314	77	79	SSW 5	SW 4	10	10	—	
12	323	315	58° 3'	55° 0'	45° 0'	70° 7'	343	372	71	86	SSW 3	WNW 2	2	1	—	
13	313	309	58° 7'	55° 0'	48° 1'	69° 5'	398	372	81	86	NW 3	N 3	8	0	—	ga. 200
14	290	184	60° 2'	63° 9'	45° 1'	73° 7'	370	347	71	58	NW 2	S 0-1	5	0	—	
15	150	278	67° 4'	48° 0'	47° 9'	71° 4'	404	228	60	68	W 3	NNW 3	1	4	—	
16	298	30° 208	53° 7'	50° 9'	40° 0'	65° 7'	257	267	63	72	NNE 2	ENE 0-1	0	0	—	K 2 in past night.
17	30° 096	29° 834	54° 3'	55° 0'	40° 0'	68° 0'	246	282	58	66	ESE 3	SE 2	0	3	400	
18	29° 607	542	50° 9'	45° 1'	44° 6'	59° 1'	362	240	98	80	SW 2	SW 4	10	7	060	
19	583	739	47° 9'	47° 0'	41° 7'	58° 1'	256	239	78	75	WSW 3-4	SW 2	9	5	010	2 in morning.
20	643	716	48° 7'	50° 0'	43° 3'	62° 1'	319	300	93	84	S 6	SSW 2	10	0	210	
21	684	571	58° 1'	49° 7'	44° 4'	65° 4'	382	297	79	84	S 4	S 2	9	2	160	
22	29° 735	29° 870	57° 3'	48° 5'	48° 0'	62° 1'	341	288	73	85	S 5	SW 2-3	6	10	200	T in the S. 4p.-5p.
23	30° 049	30° 255	52° 1'	49° 0'	41° 3'	61° 5'	293	263	76	75	SW 5	WSW 3	9	1	030	
24	383	302	54° 7'	53° 1'	42° 6'	67° 1'	328	324	77	80	SW 4	SW 4	9	9	—	
25	312	333	55° 0'	48° 2'	46° 9'	63° 2'	307	261	71	78	NW 4	NW 1	10	6	—	T towards S.
26	301	298	50° 3'	48° 5'	43° 7'	58° 6'	242	279	67	82	NNW 5	NW 3	9	2	—	
27	30° 268	30° 086	50° 7'	53° 0'	44° 3'	56° 8'	304	332	83	82	NW 3	NW 4	9	10	050	
28	29° 881	29° 838	52° 6'	48° 4'	48° 4'	59° 6'	380	307	96	91	W 2	NNE 4-5	10	10	130	T towards S.
29	885	977	50° 6'	45° 9'	42° 0'	55° 1'	255	286	69	93	NNE 4	NNE 4	9	10	—	
30	29° 963	29° 973	53° 7'	51° 0'	36° 0'	59° 5'	253	326	62	87	NNE 3	NNW 3	2	10	—	
31	30° 059	30° 124	54° 8'	53° 1'	45° 1'	65° 1'	263	303	62	75	SE 2	ENE 1-2	7	0	—	
Means	29° 999	30° 004	53° 9'	51° 2'	44° 4'	63° 3'	321	307	77° 5'	81° 3'	3° 3'	2° 5'	7° 5'	5° 4'	1° 920	

\* 30 days.

## CARMARTHEN.

Height above Mean Sea Level, 188 feet. Long. 4° 18' W. Lat. 51° 52' N.  
MAY 1875.

1	29° 872	29° 916	53° 4'	47° 8'	46° 1'	55° 1'	369	309	90	93	SW 1	W 1	10	0	110	Heavy showers during night.
2	937	899	55° 0'	53° 3'	44° 3'	61° 3'	342	336	79	82	S 1	SE 1	4	10	040	
3	876	29° 907	54° 5'	53° 4'	49° 9'	61° 4'	362	382	86	94	SE 1	Calm 0	10	10	010	
4	986	30° 008	54° 7'	49° 2'	49° 2'	62° 1'	371	319	87	92	N 1	N 1	10	1	030	Heavy showers after 6p.
5	950	29° 814	60° 1'	51° 3'	45° 6'	62° 5'	413	327	80	86	S 1	Calm 0	7	8	170	
6	678	486	54° 3'	51° 4'	48° 7'	60° 4'	381	369	90	97	S 2	SE 1	10	10	610	
7	414	635	50° 8'	52° 1'	45° 6'	57° 8'	327	389	88	100	W 3	SW 1	10	10	330	ppp.
8	695	735	54° 2'	50° 8'	50° 2'	56° 1'	421	358	100	96	SW 2	SW 1	10	10	250	
9	29° 777	29° 943	54° 6'	50° 8'	50° 0'	59° 0'	375	358	88	96	SW 3	S 1	8	9	—	
10	30° 182	30° 369	54° 9'	46° 7'	40° 7'	61° 4'	305	288	71	91	NW 1	Calm 0	4	1	—	ppp.
11	383	406	55° 7'	49° 8'	45° 4'	60° 4'	374	351	85	98	SW 3	SW 1	8	10	—	
12	365	345	59° 6'	49° 2'	48° 5'	62° 2'	406	340	79	98	SW 1	SW 1	4	7	—	
13	349	320	54° 6'	54° 5'	49° 2'	67° 4'	397	399	93	94	SW 1	Calm 0	10	0	—	ppp.
14	282	187	68° 0'	57° 9'	50° 1'	74° 2'	479	434	70	90	Calm 0	Calm 0	0	0	—	
15	166	247	67° 7'	52° 5'	48° 0'	70° 1'	467	295	69	75	W 1	NE 2	1	2	—	
16	262	30° 134	60° 3'	52° 6'	41° 8'	66° 3'	327	306	63	77	E 1	NE 1	0	1	—	Short heavy showers.
17	30° 013	29° 780	64° 4'	56° 4'	46° 0'	69° 5'	290	361	48	80	E 1	SW 1	0	10	140	
18	29° 629	560	53° 4'	44° 9'	44° 3'	58° 9'	325	264	80	89	W 1	SW 1	9	3	010	
19	634	751	52° 8'	46° 9'	40° 2'	60° 2'	271	288	68	91	W 2	W 1	8	2	620	ppp.
20	558	705	52° 6'	50° 8'	45° 2'	60° 4'	388	358	98	96	SW 3	SW 1	10	5	070	
21	558	528	55° 7'	49° 6'	49° 1'	58° 9'	388	322	88	91	SE 2	SW 2	10	1	500	
22	29° 695	29° 872	52° 4'	46° 9'	46° 2'	58° 8'	338	285	86	90	SW 3	SW 1	4	1	120	ppp.
23	30° 086	30° 297	53° 6'	48° 8'	46° 2'	58° 3'	324	312	78	91	NW 2	S 1	5	0	—	
24	402	360	56° 5'	50° 1'	43° 9'	61° 8'	365	345	80	96	SW 1	SW 1	6	1	—	
25	336	352	59° 1'	53° 8'	45° 9'	65° 5'	397	377	80	91	N 1	Calm 0	8	0	—	ppp.
26	339	327	54° 4'	49° 5'	45° 6'	58° 4'	305	268	72	76	N 1	NE 1	9	1	—	
27	30° 296	30° 121	57° 7'	49° 8'	45° 7'	61° 1'	333	319	70	89	N 1	Calm 0	1	1	180	
28	29° 907	29° 795	52° 8'	51° 5'	48° 9'	62° 6'	385	344	96	91	W 1	N 1	10	1	080	ppp.
29	861	937	53° 6'	50° 8'	46° 6'	58° 0'	280	288	68	78	NE 1	NE 2	6	10	—	
30	29° 950	29° 946	58° 4'	50° 9'	41° 4'	65° 3'	305	330	62	89	NE 2	N 1	3	1	—	
31	30° 002	30° 065	62° 3'	55° 7'	46° 5'	66° 2'	346	374	62	85	E 1	N 1	4	0	—	
Means	29° 982	29° 992	56° 5'	51° 0'	46° 4'	61° 9'	360	335	79° 2'	89° 7'	1° 5'	0° 9'	6° 4'	4° 1'	3° 270	

## OBSERVATIONS FROM STATIONS OF THE SECOND ORDER.—MAY.

## STRATHFIELD TURGISS.

Height above Mean Sea Level, 196 feet. Long. 1° 0' W. Lat. 51° 20' N.  
MAY 1875.

Day.	Barometer.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	
1	ins.	ins.	52° 4'	51° 2'	42° 8'	55° 2'	ins.	ins.	%	%	Calm 0	Calm 0	10	10	ins.	ins. 200
2	29° 921	29° 918	52° 4'	51° 2'	42° 8'	55° 2'	358	366	91	98	Calm 0	Calm 0	10	10	—	
3	967	971	50° 5'	51° 5'	49° 0'	63° 4'	333	351	91	92	NW 1	W 1	10	3	—	
4	29° 969	29° 974	61° 4'	54° 4'	37° 5'	66° 8'	355	371	65	88	S 1	SW 1	10	3	—	ins. 200
5	30° 013	30° 026	57° 8'	55° 1'	47° 9'	68° 2'	378	416	79	96	W 0-1	SW 1	10	10	—	
6	29° 939	29° 941	54° 7'	49° 9'	43° 4'	65° 2'	371	312	87	88	W 1	NW 1	4	2	018	
7	29° 812	721	57° 4'	51° 9'	47° 5'	63° 8'	393	352	83	91	SW 1	SE 1	8	10	337	ins. 200
8	582	741	51° 2'	53° 2'	45° 3'	58° 2'	356	388	95	96	SW 1-2	SW 1	10	10	099	
9	856	845	56° 8'	54° 7'	51° 6'	60° 2'	446	425	95	99	SW 1	SE 1	10	10	316	
10	29° 908	29° 974	57° 0'	51° 1'	47° 2'	63° 3'	377	349	81	93	SW 1	W 1	8	2	—	ins. 200



## MARKREE CASTLE.

Height above Mean Sea Level, 131 feet. Long. 8° 27' W. Lat. 54° 11' N.  
MAY 1875.

Day.	Barometer.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	
1	ins.	ins.	49.1	47.0	46.3	59.4	ins.	ins.	93	94	SSE 3	Calm 0	10	1	ins.	D <sup>a</sup> op.
2	29.834	29.891	49.1	47.0	45.3	61.4	325	303	93	94	SE 5	SE 3	8	10	0.009	
3	790	724	54.1	52.1	45.3	61.4	310	378	74	97	S 3	Calm 0	7	10	0.011	
4	29.755	29.903	57.0	50.6	46.5	59.7	345	330	74	90	W 1	Calm 0	10	10	0.084	
5	30.008	30.028	53.2	49.8	48.1	57.5	323	322	80	90	SSW 1	—	8	—	—	
6	29.937	—	55.4	—	—	—	297	—	68	—	—	—	8	—	—	
7	—	29.329	—	50.1	47.3	60.9	—	335	—	93	—	ESE 4	—	10	10	0.140
8	29.413	497	54.1	51.7	44.3	60.2	307	349	74	91	SE 3	S 2	8	1	0.011	
9	469	434	57.0	51.8	47.9	63.4	356	338	76	87	SSW 3	SSW 4	6	10	0.148	
10	29.597	29.874	54.6	46.3	46.3	61.4	325	249	77	80	WSW 3	SW 1	7	1	0.109	
11	30.154	30.172	50.1	50.1	40.3	60.1	254	268	71	75	WSW 1	SSW 3	9	10	0.322	
12	118	188	54.2	54.7	46.9	61.9	400	390	96	91	SW 3	SW 3	10	10	0.119	
13	230	263	56.1	54.2	52.5	65.8	410	374	91	89	SW 2	SW 2	10	10	—	
14	282	284	55.1	55.7	51.3	66.6	360	398	83	90	SW 2	ENE 1	10	8	0.006	
15	197	090	58.5	58.0	50.8	70.0	384	318	79	66	SW 2	SE 0.5	7	4	0.012	
16	282	372	52.2	45.8	45.2	58.8	269	273	70	89	NW 3	Calm 0	9	2	—	
17	338	30.203	54.1	44.9	37.4	61.4	289	261	70	88	NNW 3	Calm 0	6	0	—	
18	30.021	29.779	52.3	48.8	39.3	56.5	287	293	74	85	NW 2	SW 1	10	10	0.013	
19	557	525	47.5	44.1	43.9	53.8	267	248	82	85	NNW 2	SW 1	9	9	0.075	
20	563	583	51.3	44.8	39.9	55.5	250	255	66	86	W 3	SSW 2	8	1	0.155	
21	296	466	53.1	50.0	43.1	60.4	324	299	80	84	W 2	S 4	10	8	0.022	
22	187	257	56.1	42.0	41.7	59.0	377	237	83	89	SE 6	S 2	10	8	0.007	
23	411	29.633	49.3	45.5	40.2	56.6	277	259	80	86	S 5	SSW 4	10	1	0.180	
24	29.909	30.187	50.1	45.8	40.3	56.1	282	274	78	89	SW 2	SW 1	5	6	0.086	
25	30.171	231	56.8	50.3	45.8	65.2	367	314	79	87	WSW 1	WNW 0.5	7	1	0.220	
26	363	415	53.0	50.1	46.3	57.4	304	307	75	85	NW 1	NW 0.5	10	10	—	
27	453	468	53.7	48.1	47.5	57.2	272	261	67	77	NW 1	NW 2	10	0	—	
28	30.391	195	53.1	52.4	41.3	59.6	331	385	81	98	NNW 3	WNW 1	10	10	0.170	
29	29.911	042	49.4	49.1	48.4	61.5	322	278	91	80	NW 2	NNE 3	10	3	0.009	
30	30.091	085	52.5	49.7	44.2	59.7	266	291	68	83	NNW 5	NW 2	7	8	—	
31	040	037	53.4	50.6	48.3	58.6	316	306	77	83	NW 3	NW 2	10	10	—	
Means	30.070	30.155	53.9	52.9	48.1	62.4	277	324	67	81	SSW 1	N 1	10	6	—	
Means	29.925	29.944	53.3	49.6	45.2	60.3	316	307	77.5	86.3	2.6	1.7	8.7	6.3	2.508	

\* 30 days.

## BIRR CASTLE, PARSONSTOWN.

Height above Mean Sea Level, 182 feet. Long. 7° 55' W. Lat. 53° 6' N.  
MAY 1875.

Day.	Barometer.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	
1	29.850	29.923	50.8	47.0	46.1	62.5	351	275	94	86	SSW 0.5	Calm 0	10	10	0.003	before 9a.
2	822	760	56.6	53.0	40.3	62.0	323	377	70	94	SE 2	SE 1-2	8	10	0.021	
3	29.812	29.945	54.8	51.0	46.3	65.0	351	325	82	87	S 0.5	SSE 0.5	7	9	0.035	
4	30.035	30.032	50.7	52.0	50.1	58.5	331	330	89	85	NNW 0.5	SE 0.5	9	10	—	
5	29.938	29.753	54.1	50.0	44.3	61.0	262	275	63	77	SE 0.5	SE 1-3	10	10	0.067	
6	423	353	54.8	48.3	48.4	60.7	390	306	90	91	SE 3	SSE 1-2	10	9	0.070	
7	458	558	52.6	52.5	40.8	63.5	303	374	76	95	SSW 1	Calm 0	9	8	0.048	
8	546	531	58.7	51.7	47.6	65.4	351	320	72	83	SW 1	S 3	5	3	0.062	
9	29.604	29.935	57.5	49.2	48.8	60.3	333	276	70	79	WSW 3	WSW 1-2	4	8	0.022	
10	30.216	30.273	51.0	51.0	39.4	59.7	247	268	66	72	W 0.5	SSW 1-2	5	10	0.036	
11	229	292	58.3	57.4	50.1	68.1	397	390	82	83	WSW 0.5	SSW 1	10	10	—	
12	298	325	57.0	56.1	53.3	62.3	397	410	85	90	W 1	WSW 1	10	10	—	
13	333	327	55.8	54.4	54.4	65.5	367	383	82	91	SW 0.5	Calm 0	9	0	0.003	
14	226	145	57.7	60.0	49.0	74.3	316	412	66	80	SE 0.5	SSE 0.5	10	10	0.095	
15	298	390	53.8	46.7	46.4	61.9	282	249	68	79	NW 1	NE 0.5	7	0	—	
16	359	30.201	53.8	51.0	35.6	64.3	269	288	65	77	NE 0.5	NE 0.5	5	0	—	
17	30.024	29.835	58.0	49.6	41.4	62.1	342	282	71	80	W 0.5	SW 1	4	10	0.048	
18	29.620	571	48.3	43.9	43.5	56.3	268	245	79	85	WSW 1	WSW 0.5	7	7	0.016	
19	623	665	51.5	48.5	39.5	58.3	250	249	66	73	W 1	W 1	6	9	0.266	
20	415	566	49.6	51.6	44.9	59.3	330	314	93	81	W 1-3	S 1	10	7	0.004	
21	287	335	56.2	45.5	45.0	58.7	378	241	84	80	SSE 4-5	SSW 1-3	10	9	0.590	
22	505	29.753	52.6	47.0	39.8	55.1	271	253	69	79	SSE 2	SSW 2-3	7	1	0.338	
23	29.909	30.275	51.7	50.2	42.4	57.0	266	302	70	84	SW 1-2	WSW 1-3	8	10	0.002	
24	30.271	293	58.5	54.0	44.8	66.9	371	409	76	98	SW 1-2	SSW 1-2	4	10	0.078	
25	384	427	54.6	53.5	53.4	61.5	315	331	74	81	WNW 0.5	Calm 0	10	10	—	
26	452	470	53.6	48.4	48.4	60.7	308	281	75	83	NW 0.5	NW 0.5	9	1	—	
27	30.411	30.232	56.0	54.5	44.0	64.5	324	394	71	93	NW 0.5	W 0.5	6	10	0.098	
28	29.923	29.991	52.6	48.7	48.5	59.3	356	301	90	88	NW 0.5	ENE 0.5	9	9	0.033	
29	30.060	30.093	50.8	47.2	42.1	57.8	238	251	64	78	NNW 1	NNW 0.5	6	2	—	
30	060	038	50.4	53.0	43.4	56.3	278	342	77	85	NNW 0.5	NW 0.5	10	10	—	
31	30.094	30.153	54.5	54.6	49.0	61.9	304	350	72	82	N 0.5	Calm 0	10	7	—	9p.
Means	29.954	29.982	54.1	51.0	45.5	61.6	318	316	75.8	83.8	1.1	1.0	7.9	7.4	1.935	

## HAWES.

Height above Mean Sea Level, 800 feet. Long. 2° 11' W. Lat. 54° 18' N.  
JUNE 1875.

Day.	Barometer.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.	
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.		
1	ins.	ins.	61.0	50.0	37.5	67.9	in.	in.	60	79	Calm	SE	1	0	0	ins.	p p p p p on horizon.
2	352	30.274	56.0	47.0	34.7	65.0	295	275	65	86	Calm	Calm	0	1	1	—	
3	30.122	29.992	57.0	53.9	40.1	73.0	351	365	75	88	E	E	1	0	0	—	
4	29.881	983	63.6	49.2	45.7	67.0	443	273	75	78	Calm	W	1	10	8	—	
5	977	894	58.1	48.0	45.0	61.9	274	309	57	93	Calm	WSW	1	1	10	0.080	
6	737	942	56.0	55.0	48.1	58.0	416	397	92	92	SW	WSW	1	10	9	0.120	
7	29.949	29.963	52.8	54.7	49.8	58.1	361	375	90	88	WSW	Wb.S	2	10	10	0.220	
8	30.150	30.168	56.4	48.1	48.1	61.3	290	308	64	92	Wb.N	NW	1	7	0	—	
9	29.836	29.608	56.0	50.4	41.5	59.7	345	329	77	90	Calm	Calm	0	6	6	0.490	
10	569	502	55.0	48.5	46.7	59.3	250	308	58	91	WSW	WSW	2	6	9	0.350	
11	492	577	47.2	46.0	44.8	51.8	296	287	92	93	WSW	WSW	2	10	6	0.390	
12	570	618	49.0	47.9	44.0	58.6	288	289	83	88	Wb.N	W	1	8	8	0.080	
13	640	486	50.0	46.9	45.6	52.5	301	290	84	91	SW	Wb.S	1	10	8	0.190	
14	444	349	52.2	48.2	41.9	58.5	340	260	87	77	Calm	SW	2	10	0	0.420	
15	200	266	54.7	47.2	45.2	56.3	323	273	76	85	Sb.W	SW	2	6	10	0.750	
16	381	548	51.5	49.6	44.1	54.9	306	309	81	88	SW	WSW	2	5	10	0.280	
17	29.781	29.958	53.0	49.5	47.2	57.5	323	321	80	91	WNW	ESE	1	10	10	0.250	
18	30.051	30.146	55.7	49.0	41.0	61.0	322	293	73	85	Calm	SW	1	9	3	—	
19	30.113	29.969	54.4	55.7	40.1	64.7	396	406	70	91	SW	SW	2	1	10	0.060	
20	29.933	867	56.2	46.9	46.8	61.2	303	276	67	87	W	WNW	1	3	8	—	
21	29.826	29.986	54.4	48.9	42.1	61.2	270	287	64	84	Calm	Wb.N	2	9	1	—	
22	30.079	30.097	55.5	52.9	43.0	58.9	296	375	68	94	Wb.S	SW	3	9	10	0.010	
23	161	227	53.7	53.2	52.5	57.1	325	354	78	86	WSW	WSW	2	10	6	—	
24	217	30.156	59.0	54.2	51.2	67.2	357	385	72	92	Wb.S	Calm	0	7	1	—	
25	30.030	29.896	59.6	54.9	49.8	67.3	393	374	77	87	W	WSW	2	5	10	0.040	
26	29.836	998	51.4	47.2	47.0	56.3	294	262	78	82	W	WSW	2	7	3	0.090	
27	974	868	54.5	49.0	38.0	56.4	318	306	75	89	Calm	WSW	1	10	10	0.100	
28	863	940	51.6	54.1	48.2	55.7	364	373	95	89	Calm	Eb.N	1	10	10	0.016	
29	954	960	59.5	54.2	52.3	65.2	386	394	77	94	ENE	NE	1	10	10	0.170	
30	29.866	29.792	52.9	52.0	51.2	55.2	357	366	89	94	NE	Calm	0	10	10	0.290	
Means	29.875	29.879	54.9	50.4	45.1	60.3	327	323	76.0	88.1	0.8	1.4	7.3	6.6	4.390		



## BUXTON.

Height above Mean Sea Level, 987 feet. Long. 1° 54' W. Lat. 53° 14' N.  
JUNE 1875.

Day.	Barometer.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.		
1	ins.	ins.	50°7	50°6	34°5	66°1	ins.	ins.	58	77	Calm	SE 4	0	0	ins.	
2	269	217	57°2	50°4	44°0	66°9	317	307	67	85	E 5	SE 2	1	3	—	
3	30°081	30°038	64°4	48°2	46°3	73°6	362	305	59	91	ESE 3	ESE 3	1	8	1030	☔ before ga.
4	29°899	29°999	64°8	52°6	45°0	65°7	485	356	79	90	NW 2	WNW 4	8	5	—	
5	30°000	896	60°7	52°6	45°4	64°6	324	356	61	90	NNW 1	Calm	4	10	—	
6	29°791	29°994	58°5	54°9	51°4	64°9	386	385	79	90	W 4	W 3	9	6	110	
7	30°003	30°038	56°4	55°0	50°5	65°6	409	352	89	82	W 5	W 3	10	7	060	
8	30°197	30°179	53°7	48°1	47°5	61°1	317	317	77	94	NNW 3	WNW 1	9	7	—	
9	29°823	29°662	60°5	52°9	45°3	62°2	343	290	65	73	SE 5	SW 3	8	6	450	
10	632	555	52°4	49°3	47°4	58°4	303	316	77	90	SW 2	W 2	10	9	200	☔ before ga.
11	527	622	49°3	45°5	44°5	57°3	278	274	80	91	W 4	W 3	8	7	190	☔ before gp.
12	594	668	52°3	47°8	44°2	54°4	277	279	72	84	SW 2	NNW 2	9	7	060	☔
13	697	514	50°9	47°2	42°9	53°9	283	288	77	90	SW 4	NNW 2	10	5	410	
14	496	430	54°1	49°5	44°5	58°1	351	243	84	69	WSW 4	SW 4	10	4	100	
15	275	313	51°6	44°2	43°0	57°7	343	267	90	92	SW 5	SW 2	8	7	530	
16	448	631	54°1	50°7	43°5	57°6	283	290	68	80	SW 5	W 2	6	10	020	
17	29°812	29°953	54°1	50°7	44°0	60°4	308	333	74	90	N 3	E 1	5	9	—	☔ before gp.
18	30°070	30°128	54°2	50°1	45°2	58°0	304	245	72	69	E 1	N 5	9	3	—	
19	30°141	30°044	56°9	55°2	36°7	66°3	303	389	66	90	NbW 3	SW 5	3	10	110	
20	29°946	29°898	55°7	45°8	43°0	59°1	325	250	74	82	NNW 2	Calm	8	4	—	
21	29°833	30°031	54°8	46°6	43°3	60°8	302	264	71	84	NW 1	NNW 1	7	0	—	
22	30°131	146	55°6	53°9	42°3	62°9	322	371	73	90	W 1	W 2	7	8	—	
23	186	266	55°1	52°6	47°1	60°4	345	343	80	86	WNW 2	NNW 2	10	6	—	
24	247	30°171	56°9	57°7	51°2	68°4	349	400	76	84	WNW 2	NW 1	10	3	—	T
25	30°044	29°944	59°8	57°1	48°7	67°1	379	353	74	76	SW 3	W 2	8	10	—	
26	29°883	30°024	53°1	47°3	44°8	58°7	294	266	73	82	W 4	NNW 1	5	1	—	
27	30°078	29°899	47°7	50°3	40°0	58°7	315	323	95	89	W 2	SW 4	9	10	170	
28	29°824	898	53°4	55°4	47°5	56°9	394	409	96	93	S 1	E 1	10	10	120	
29	924	898	58°1	54°4	53°0	61°7	437	399	91	94	E 3	E 3	9	10	460	
30	29°830	29°813	54°3	54°9	49°6	57°7	386	416	92	97	E 2	E 1	10	10	075	
Means	29°898	29°906	55°6	51°0	45°2	61°5	336	322	76°3	85°8	2°8	2°3	7°4	6°5	4°095	

## OSCOTT.

Height above Mean Sea Level, 460 feet. Long. 1° 51' W. Lat. 52° 33' N.  
JUNE 1875.

1	30°223	30°255	55°4	55°0	39°2	71°1	315	330	72	76	NNE 3	NE 3-4	0	0	—	
2	221	30°146	58°9	56°0	45°2	73°0	360	317	73	70	NNE 5	NNE 4	1	0	—	
3	30°018	29°901	61°4	66°5	47°2	78°3	393	487	73	75	NE 4-5	ENE 2	0	2	—	
4	29°883	984	66°0	54°0	53°7	71°8	522	342	82	82	SW 2	NW 2	10	7	—	☁ <sup>2</sup> diminishing in morning.
5	30°008	29°899	59°1	57°3	47°5	73°9	353	338	71	72	SW 1	SSW-S 3	10	10	—	☁ ga.
6	29°897	30°008	62°1	58°8	53°5	72°5	435	419	79	85	SW 4	SW 3	10	9	—	
7	30°033	061	62°3	58°0	53°5	71°3	438	370	79	77	SSW 3	SW 5	10	8	—	☁
8	30°203	30°136	59°4	55°5	54°0	71°9	333	350	66	79	NW 3	NNE 1	1	0	—	
9	29°836	29°664	59°6	56°9	49°3	65°6	381	362	75	78	SE 3	SSW 3	10	10	460	11°15a ☔
10	648	570	57°7	47°7	47°7	60°2	338	301	71	92	SSW 4	SW 2	9	4	270	5°45p T
11	555	643	52°9	45°9	44°6	61°0	331	288	83	94	SW 4	SSW 3	8	0	070	3°45p T
12	626	680	52°8	49°1	44°1	58°4	315	293	79	84	SSW-S 5	SW 2	10	0	310	
13	724	513	53°2	53°1	43°1	54°6	325	393	80	97	SSW 3	WSW 1-2	10	9	330	
14	492	444	56°1	51°8	47°7	63°4	401	195	88	51	SSW-S 4	SSW 6	10	7	020	
15	310	341	56°1	49°9	45°9	61°8	332	338	74	95	S 7	SSW 5-6	7	9	050	☁ all day.
16	498	645	53°0	52°0	48°8	64°3	325	318	81	82	S 4-5	SW 2	9	9	030	
17	29°800	29°914	54°6	50°2	47°5	65°7	329	337	77	93	N 1	NNW 0-1	9	2	070	4°30p-7p ☁ ☔ <sup>0</sup> ☔ <sup>2</sup> 10°30p <
18	30°058	30°134	51°0	52°8	48°5	61°8	353	333	94	83	N 2	N 2	10	7	—	☁ ga.
19	30°151	30°055	56°5	56°0	44°4	70°0	325	422	71	94	S 0-1	SSW 4	0	10	050	
20	29°961	29°851	57°1	54°0	52°8	67°3	376	322	81	77	NW 2	N 1	9	10	—	
21	29°844	29°997	54°8	54°2	46°1	64°1	341	313	80	74	NW 2	N 2	9	9	—	
22	30°133	30°168	60°7	56°1	44°2	70°1	369	390	70	86	SW 3	SW 2-3	9	10	—	
23	176	235	62°0	55°1	52°1	69°0	388	374	70	86	W 3	N 1	9	2	—	
24	234	30°145	60°7	62°4	50°2	73°0	387	218	73	39	W 1	WNW 1	8	8	—	☁ ga.
25	30°052	29°944	64°9	57°9	51°0	72°9	460	411	75	86	S 2-3	SW 3	2	8	—	
26	29°877	30°020	62°0	52°0	51°1	72°9	388	313	70	81	WSW 4	WSW 2	5	1	010	
27	30°010	29°881	59°9	51°6	44°2	63°3	336	369	65	97	S 4	S 3	9	10	320	
28	29°809	849	55°0	58°1	50°4	61°1	433	481	100	99	SE 2	Calm	0	8	520	
29	883	862	57°3	57°0	54°1	63°2	470	446	100	96	NNE 2	NE 2	10	10	880	
30	29°835	29°787	54°1	57°8	50°7	63°3	417	466	99	97	NNE 0-1	S 0-1	10	10	140	
Means	29°900	29°891	57°9	54°8	48°4	67°0	376	355	78°4	82°6	3°0	2°4	7°5	6°3	3°530	

## CARMARTHEN.

Height above Mean Sea Level, 188 feet. Long. 4° 18' W. Lat. 51° 52' N.  
JUNE 1875.

Day.	Barometer.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud, Amount.		Rain.	Remarks.	
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.			
1	ins.	ins.	63° <sup>2</sup>	60° <sup>8</sup>	46° <sup>2</sup>	71° <sup>8</sup>	ins.	ins.	63	76	E 2	E 2	0	0	ins.		
2	30° <sup>155</sup>	30° <sup>156</sup>	66° <sup>8</sup>	61° <sup>4</sup>	52° <sup>2</sup>	75° <sup>5</sup>	397	403	64	66	NE 2	E 2	0	1	—		
3	29° <sup>102</sup>	30° <sup>044</sup>	60° <sup>8</sup>	60° <sup>0</sup>	52° <sup>4</sup>	75° <sup>0</sup>	421	360	64	66	E 1	Calm	0	10	1	—	
4	922	30° <sup>032</sup>	66° <sup>2</sup>	49° <sup>8</sup>	49° <sup>8</sup>	68° <sup>2</sup>	491	456	79	89	NW 1	Calm	0	3	1	—	
5	999	29° <sup>863</sup>	63° <sup>3</sup>	54° <sup>6</sup>	44° <sup>7</sup>	64° <sup>9</sup>	386	424	67	100	SW 1	S 2	1	10	190		
6	29° <sup>869</sup>	30° <sup>058</sup>	56° <sup>5</sup>	54° <sup>8</sup>	54° <sup>4</sup>	61° <sup>4</sup>	441	397	97	92	SW 3	SW 1	10	10	090		
7	30° <sup>047</sup>	113	57° <sup>4</sup>	55° <sup>7</sup>	52° <sup>0</sup>	63° <sup>6</sup>	472	415	100	93	SW 3	SW 2	10	10	—		
8	30° <sup>226</sup>	30° <sup>063</sup>	62° <sup>0</sup>	55° <sup>9</sup>	52° <sup>1</sup>	67° <sup>7</sup>	389	415	71	93	N 1	N 1	5	5	180		
9	29° <sup>740</sup>	29° <sup>631</sup>	55° <sup>3</sup>	54° <sup>6</sup>	52° <sup>8</sup>	62° <sup>3</sup>	413	360	95	84	S 1	SW 1	9	5	060		
10	619	555	55° <sup>0</sup>	49° <sup>5</sup>	49° <sup>5</sup>	67° <sup>2</sup>	378	328	88	94	SW 1	W 1	10	5	080	5p. )	
11	619	656	53° <sup>8</sup>	49° <sup>6</sup>	45° <sup>1</sup>	59° <sup>1</sup>	303	322	73	91	SW 3	W 1	9	1	430	6p. )	
12	556	725	48° <sup>8</sup>	50° <sup>1</sup>	47° <sup>6</sup>	59° <sup>4</sup>	333	340	96	94	W 1	NW 1	10	3	200		
13	632	516	51° <sup>1</sup>	51° <sup>1</sup>	47° <sup>0</sup>	60° <sup>2</sup>	367	362	98	96	S 1	SW 1	10	1	570		
14	428	383	55° <sup>5</sup>	53° <sup>0</sup>	47° <sup>0</sup>	60° <sup>4</sup>	421	348	96	86	SW 3	SW 4	10	8	170		
15	270	391	55° <sup>4</sup>	52° <sup>1</sup>	45° <sup>8</sup>	59° <sup>9</sup>	352	349	81	89	SW 5	SW 4	7	10	240	5p. )	
16	494	637	54° <sup>7</sup>	52° <sup>0</sup>	48° <sup>9</sup>	60° <sup>3</sup>	361	366	85	94	SW 2	SW 1	5	6	040	gp. )	
17	29° <sup>797</sup>	29° <sup>945</sup>	60° <sup>1</sup>	50° <sup>7</sup>	49° <sup>7</sup>	63° <sup>0</sup>	378	338	73	92	N 1	N 1	2	0	—	gp. )	
18	30° <sup>065</sup>	30° <sup>151</sup>	59° <sup>0</sup>	46° <sup>9</sup>	46° <sup>9</sup>	63° <sup>4</sup>	343	293	69	92	N 1	N 1	4	1	—	gp. )	
19	30° <sup>133</sup>	30° <sup>029</sup>	55° <sup>7</sup>	55° <sup>2</sup>	43° <sup>9</sup>	58° <sup>1</sup>	400	436	90	100	SW 1	SW 1	10	10	320		
20	29° <sup>958</sup>	29° <sup>872</sup>	62° <sup>5</sup>	51° <sup>0</sup>	49° <sup>0</sup>	63° <sup>0</sup>	377	345	67	92	NW 1	Calm	0	5	1	gp. )	
21	29° <sup>863</sup>	30° <sup>038</sup>	57° <sup>7</sup>	49° <sup>9</sup>	47° <sup>2</sup>	63° <sup>6</sup>	340	352	71	98	NW 1	Calm	0	4	1	gp. )	
22	30° <sup>150</sup>	152	56° <sup>7</sup>	55° <sup>3</sup>	47° <sup>5</sup>	61° <sup>7</sup>	373	437	81	100	SW 1	SW 1	10	10	010		
23	191	250	61° <sup>9</sup>	56° <sup>2</sup>	54° <sup>5</sup>	64° <sup>5</sup>	428	419	78	93	NW 1	Calm	0	10	10	—	
24	234	30° <sup>170</sup>	61° <sup>6</sup>	55° <sup>9</sup>	54° <sup>6</sup>	65° <sup>4</sup>	473	447	86	100	S 1	SW 1	9	10	—		
25	30° <sup>065</sup>	29° <sup>934</sup>	57° <sup>3</sup>	56° <sup>0</sup>	52° <sup>2</sup>	62° <sup>2</sup>	467	449	99	100	SW 1	SW 1	10	10	050		
26	938	30° <sup>029</sup>	59° <sup>8</sup>	49° <sup>5</sup>	49° <sup>5</sup>	63° <sup>6</sup>	351	344	68	98	W 2	Calm	0	5	0	—	
27	957	29° <sup>767</sup>	55° <sup>4</sup>	53° <sup>0</sup>	45° <sup>2</sup>	58° <sup>3</sup>	352	403	81	100	SW 2	SE 2	10	10	510		
28	769	835	60° <sup>1</sup>	53° <sup>8</sup>	51° <sup>2</sup>	63° <sup>6</sup>	451	371	87	89	Calm	0	NW 1	10	5	090	7p. )
29	868	858	59° <sup>5</sup>	57° <sup>4</sup>	53° <sup>7</sup>	67° <sup>4</sup>	464	456	92	96	Calm	0	Calm	0	10	010	
30	29° <sup>781</sup>	29° <sup>735</sup>	63° <sup>4</sup>	57° <sup>0</sup>	53° <sup>6</sup>	69° <sup>7</sup>	449	480	77	100	S 1	Calm	0	9	10	030	
Means	29° <sup>880</sup>	29° <sup>883</sup>	58° <sup>5</sup>	53° <sup>8</sup>	49° <sup>6</sup>	64° <sup>1</sup>	399	385	81° <sup>6</sup>	92° <sup>7</sup>	1° <sup>5</sup>	1° <sup>1</sup>	7° <sup>2</sup>	5° <sup>5</sup>	3° <sup>370</sup>		



## DARTMOOR.

Height above Mean Sea Level, 1,372 feet. Long. 3° 59' W. Lat. 50° 33' N.  
JUNE 1875.

Day.	Barometer.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	
1	ins.	ins.	60.4	56.8	42.0	68.8	ins.	ins.	0.7	0.7	E 5	E 4	1	1	ins.	
2	30.145	30.170	60.4	56.5	49.0	70.6	352	367	0.7	0.7	E 5	E 2	2	3	—	
3	30.118	30.102	60.4	55.5	50.0	71.6	352	341	1.00	1.00	E 1	NE 3	8	0	—	
4	30.097	30.129	53.0	48.6	48.0	58.6	403	331	1.00	0.97	NW 4	NW 5	10	8	—	ga and before.
5	30.140	30.023	56.5	49.8	45.2	60.0	353	240	0.98	0.98	W 1	S 4	5	10	4.50	ga and before.
6	30.044	30.188	52.7	50.7	45.0	61.1	393	340	0.99	0.92	W 4	W 3	6	10	1.70	ga and before.
7	30.250	30.255	54.0	52.7	47.5	60.6	418	381	1.00	0.95	SW 2	NW 4	10	6	1.00	ga and before.
8	30.348	30.175	53.5	50.5	49.0	64.8	367	360	0.90	0.88	NW 1	E 1	8	4	2.70	ga and before.
9	29.899	29.836	52.5	49.8	45.8	60.6	384	348	0.98	0.97	SW 3	W 5	9	10	0.70	7.30a K
10	30.16	30.175	50.0	46.6	46.4	53.0	356	318	0.99	1.00	S 3	W 1	10	10	0.60	
11	30.26	30.26	48.2	45.6	42.0	54.6	284	268	0.85	0.88	NW 6	W 6	5	10	1.220	K A B 2 showers.
12	30.225	30.208	47.6	46.6	43.4	55.2	330	294	1.00	0.93	SW 6	W 5	10	10	0.30	ga and before.
13	30.34	30.26	50.0	50.5	41.8	53.0	361	307	1.00	1.00	SW 3	SW 5	10	10	1.130	all day.
14	30.659	30.598	50.0	47.6	47.2	53.6	361	330	1.00	1.00	W 5	SW 4	10	10	0.260	till evening.
15	30.545	30.628	48.6	46.6	45.0	54.6	312	298	0.92	0.95	SW 8	SW 5	10	10	0.290	ga and before.
16	30.683	30.748	48.0	46.6	44.0	55.4	299	298	0.90	0.95	W 3	W 3	9	8	0.420	ga and before.
17	30.905	30.920	49.0	47.6	42.6	58.0	311	305	0.90	0.93	NW 2	NW 3	9	2	0.30	
18	30.150	30.207	53.7	44.6	43.6	59.2	287	267	0.91	0.91	NE 1	NW 2	5	0	—	ga and before.
19	30.250	30.217	50.0	51.5	43.4	54.0	381	381	0.90	1.00	W 2	W 2	10	10	0.200	ga and before.
20	30.114	30.013	53.7	46.4	46.0	57.2	333	296	0.80	0.94	NW 2	NW 1	8	10	—	
21	30.978	30.149	52.9	45.0	44.4	57.6	283	285	0.71	0.95	NW 3	NW 1	5	1	—	
22	30.283	30.296	53.1	51.0	44.0	58.8	336	374	0.82	1.00	NW 3	SW 3	9	10	1.100	ga and before.
23	30.323	30.339	52.3	49.6	49.0	58.0	360	344	0.92	0.97	NW 1	NW 1	10	6	—	before ga.
24	30.361	30.290	55.8	53.3	45.6	66.0	361	407	0.81	1.00	N 1	NW 1	9	10	0.010	ga.
25	30.222	30.111	53.7	50.0	49.0	56.0	353	361	0.85	1.00	SW 1	W 3	10	10	0.240	ga.
26	30.138	30.181	54.0	45.6	45.0	57.8	336	281	0.80	0.93	NW 2	NW 2	5	4	—	before ga.
27	30.138	30.140	50.3	51.5	41.4	55.6	296	381	0.82	1.00	S 2	S 4	10	10	0.870	
28	30.895	30.975	52.5	51.5	50.6	59.0	378	381	0.96	1.00	SW 1	NW 2	10	10	0.380	ga and before.
29	30.000	30.976	53.1	50.6	49.0	59.6	360	369	0.89	1.00	W 1	W 1	10	10	0.160	ga and before.
30	30.912	30.841	54.3	55.5	49.0	59.0	422	441	1.00	1.00	E 2	SW 3	10	10	0.230	Wind, ga, E.; Noon, S.; 1p, SW.
Means	30.024	30.018	52.9	49.8	45.8	59.1	351	347	0.875	0.962	2.8	3.0	8.1	7.4	7.650	

\* 29 days.

## MARKREE CASTLE.

Height above Mean Sea Level, 131 feet. Long. 8° 27' W. Lat. 54° 11' N.  
JUNE 1875.

Day.	30.239	30.229	57.7	57.2	45.3	68.9	335	356	70	75	SE 2	ESE 0.5	9	0	—	ga p.
2	30.211	30.105	64.5	59.1	44.2	69.6	357	353	59	71	ESE 3	E 0.5	0	0	—	
3	30.020	29.922	63.4	59.1	54.1	73.6	365	403	63	81	SE 2	NW 3	1	10	0.001	
4	29.955	30.012	59.5	50.5	50.2	62.4	304	305	60	84	WNW 2	WSW (p) 0.5	4	0	—	
5	30.111	29.626	53.1	56.2	38.9	56.6	317	430	78	96	SSE 2	SSW 2	10	10	0.290	
6	30.734	29.931	58.0	53.9	53.4	63.6	393	339	81	82	WNW 1	SW 0.5	10	8	0.333	
7	29.780	30.089	61.7	53.1	49.2	67.2	406	362	75	80	SW 3	WNW 1	7	6	0.070	
8	30.209	30.037	58.3	54.1	45.0	65.9	340	336	71	81	WNW 0.5	NW 1	9	9	0.141	
9	29.549	29.425	53.1	49.2	49.2	61.5	376	312	93	90	SE 2	WSW 2	10	10	0.256	
10	30.487	30.478	51.5	46.9	46.4	58.5	298	302	78	95	SW 0.5	Calm 0	10	10	0.255	
11	30.480	30.249	54.3	46.6	45.0	58.5	296	271	71	86	W 2	Calm 0	7	1	0.405	
12	30.481	30.604	55.6	49.9	40.9	59.4	309	288	70	82	SW 1	SW 1	3	3	0.128	
13	30.542	30.389	49.1	50.1	45.2	59.1	316	338	91	93	Calm 0	SSE 1	10	10	0.401	
14	30.555	30.034	50.1	45.2	44.2	57.5	343	243	95	81	SE 2	SW 2	10	1	0.220	
15	30.073	30.198	54.1	49.7	41.1	57.3	292	330	70	93	SSW 2	WNW 4	7	10	0.605	
16	30.415	29.705	54.2	50.2	47.1	58.4	338	306	80	85	NW 3	NNW 4	10	9	0.179	
17	29.925	30.052	55.8	49.1	48.8	58.5	328	294	73	84	NW 4	Calm 0	7	4	—	
18	30.080	30.067	55.9	54.6	44.6	58.7	339	383	76	90	SW 1	S 2	10	10	0.030	
19	29.909	29.967	57.0	52.1	51.6	62.9	438	314	94	80	SSE 1	WSW 2	10	2	0.041	
20	30.901	29.829	56.2	48.8	43.4	62.3	316	284	70	82	SW 2	Calm 0	9	0	0.086	
21	30.849	30.018	54.4	49.7	41.2	60.2	323	312	76	88	NW 3	Calm 0	8	8	0.018	
22	29.967	30.068	56.4	54.9	45.7	61.2	418	360	92	84	SW 2	WSW 1	10	10	—	
23	30.134	30.209	57.0	55.3	52.7	62.3	387	376	83	86	SW 1	SSW 1	10	9	0.002	
24	30.133	30.053	59.7	57.0	51.6	64.4	457	422	90	91	SW 1	S 2	10	10	0.006	
25	29.845	29.829	57.7	50.9	50.4	59.6	428	310	90	83	S 4	NW 1	10	7	0.026	
26	30.887	30.600	54.3	51.8	44.3	60.1	310	318	74	82	NNW 3	Calm 0	6	10	0.145	
27	30.734	30.640	50.3	55.1	48.2	60.9	345	393	95	90	SE 2	Calm 0	10	9	0.110	
28	30.803	30.911	58.0	57.5	51.5	63.4	418	413	86	87	NW 2	ESE 1	10	10	—	
29	30.899	30.880	59.7	59.7	55.2	66.8	444	438	88	86	E 1	E 2	10	1	—	
30	29.883	29.741	59.8	58.5	57.2	60.3	407	422	79	87	ESE 3	SE 1	8	10	0.011	a, obs. early; p, obs. late.
Means	29.803	29.818	56.3	52.9	47.5	62.3	358	344	79.0	85.5	2.0	1.2	8.2	6.6	3.678	

## BIRR CASTLE, PARSONSTOWN.

Height above Mean Sea Level, 182 feet. Long. 7° 55' W. Lat. 53° 6' N.  
JUNE 1875.

Day.	Barometer.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	
1	ins.	ins.	60°	57°	39°3	71°	ins.	ins.	0°	0°	NW 0-5	ENE 0-5	0	0	ins.	before ga.
2	30°219	30°227	60°7	57°4	39°3	71°3	354	323	0°	0°	SE 0-5	E 0-5	0	2	—	
3	191	0087	64°5	58°5	46°5	74°0	361	387	60	79	NE 0-5	WNW 0-5	2	10	—	
4	026	070	63°2	59°0	51°1	75°4	401	427	69	86	SSW 1	W 0-5	6	3	003	
5	30°000	30°066	60°1	52°2	52°2	65°3	343	318	66	81	S 0-5	SW 1	10	10	252	
6	29°943	29°699	54°8	58°0	41°2	59°7	367	421	86	87	WSW 1	WNW 0-5	10	10	245	
7	780	004	57°6	55°5	55°3	64°2	454	370	95	84	W 3	NW 1	6	9	006	
8	29°878	30°134	61°0	55°8	51°8	63°9	410	384	77	86	NW 0-5	Calm 0	5	8	227	
9	30°245	30°060	58°0	56°0	45°0	67°0	342	394	71	88	ESE 0-5	WSW 3	8	10	318	
10	29°607	29°561	56°7	51°2	50°1	61°4	381	311	83	83	W 0-5	W 0-5	2	10	205	
11	548	543	52°8	48°1	47°3	59°8	301	298	75	89	W 0-5	SW 1	6	9	132	
12	543	599	52°2	47°7	44°7	59°1	291	283	74	86	SW 0-5	SW 0-5	10	5	233	
13	545	602	51°2	49°1	42°1	59°0	297	299	79	86	SE 0-5	Calm 0	9	10	464	
14	574	447	51°6	51°0	46°6	59°5	340	328	89	87	W 0-5	WSW 1	10	7	358	
15	143	192	51°0	48°0	47°8	60°5	358	276	96	83	N 0-5	W 1-2	10	10	071	
16	088	296	45°7	50°0	42°3	58°5	286	331	94	92	NW 1	WNW 0-5	8	1	085	
17	453	248	53°7	48°0	47°4	60°5	307	285	89	86	NNW 1	NW 0-5	9	6	—	
18	29°927	30°059	53°5	48°2	44°2	59°7	341	241	83	72	W 0-5	Calm 0	10	10	071	
19	30°114	30°114	54°5	55°6	43°2	59°0	332	383	79	86	SW 0-5	SW 0-5	8	8	054	
20	30°002	30°026	58°4	53°6	53°2	62°0	464	350	95	85	SSW 1	Calm 0	7	0	—	
21	29°974	29°803	56°0	48°8	44°0	60°5	338	292	75	84	WSW 0-5	SW 0-5	10	8	115	
22	29°868	30°074	55°1	51°1	40°8	63°6	346	320	80	84	SW 1	WSW 0-5	10	10	—	
23	30°065	30°135	55°0	55°3	44°0	61°7	386	389	89	89	SW 0-5	WSW 1	10	10	—	
24	194	269	56°3	54°8	53°2	61°7	377	361	83	84	SW 0-5	SW 0-5	8	10	—	
25	30°208	30°114	60°7	59°9	49°8	70°5	432	449	82	88	ESE 0-5	W 0-5	5	10	118	
26	29°947	29°865	59°7	53°6	53°3	65°5	442	388	87	94	W 0-5	SW 0-5	10	9	124	
27	954	30°010	54°6	53°0	44°2	61°3	327	315	77	78	ESE 0-5	SW 0-5	9	10	122	
28	780	681	51°6	54°8	49°0	60°5	358	390	94	90	NNW 0-5	NNE 0-5	10	10	—	
29	804	900	59°0	59°0	53°8	66°2	404	451	81	91	E 0-5	E 0-5	10	6	—	
30	893	864	63°0	60°5	58°2	68°5	440	449	77	86	ENE 0-5	ENE 0-5	10	9	—	
Means	29°846	29°870	56°3	53°7	47°8	63°3	369	353	81°3	84°8	0°7	0°6	7°6	7°7	3°203	at and before 9p. 9p.



## CALCETHORPE.

Height above Mean Sea Level, 379 feet. Long. 0° 7' W. Lat. 53° 23' N.

JULY 1875.

Day.	Barometer.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	
1	ins.	ins.	63.5	61.4	57.0	66.6	ins.	ins.	89	95	S 2	SE 1	10	10	ins.	
2	29.762	29.770	63.5	58.9	52.0	67.5	332	316	89	89	S 2	SW 1	8	10	—	
3	29.783	30.147	60.8	53.1	53.1	61.2	381	381	87	94	NE 1	NNE 3	10	10	0.07	ga and in aft.
4	30.331	30.6	57.8	48.8	48.8	60.7	353	317	74	92	NE 2	NE 1	8	0	—	
5	370	376	58.7	51.7	45.0	63.5	298	365	60	95	NNE 1	NE 1	1	1	—	before ga.
6	378	392	60.6	53.8	48.8	66.0	266	394	50	95	NNE 1	ENE 1	1	0	—	before ga. and at 9p.
7	371	30.238	57.5	55.0	48.7	61.1	366	400	78	92	E 1	E 1	9	9	—	before ga.
8	30.066	29.900	60.3	55.3	52.1	64.8	364	374	70	86	E 1	E 1	3	10	0.04	
9	29.673	338	55.0	55.1	53.6	58.6	403	425	93	98	SE 1	Calm 0	10	10	2.03	
10	521	592	57.2	54.8	50.8	62.4	346	304	74	71	W 6	SW 3	8	9	4.13	
11	447	29.644	52.7	52.1	45.2	60.6	305	334	77	85	SW 6	SW 4	8	4	0.86	
12	29.902	30.140	49.5	49.9	47.3	58.5	276	335	79	94	WNW 5	NW 1	10	9	1.80	
13	30.200	30.128	55.1	53.3	41.5	64.0	329	346	76	85	SW 1	SW 8	6	10	0.05	
14	30.013	29.901	57.3	53.0	50.4	62.6	356	356	76	88	SSE 1	SE 2	9	10	2.77	
15	29.812	935	55.6	53.1	51.5	57.9	409	367	93	91	E 4	E 4	10	10	0.10	
16	963	997	55.9	54.6	51.6	60.9	382	403	86	95	NNE 5	NE 3	9	8	—	
17	961	873	57.1	56.8	51.8	64.7	407	412	87	89	NE 4	NE 2	9	9	1.359	R after 10p.
18	807	843	58.8	56.7	54.9	62.7	485	447	98	97	ENE 2	ENE 1	10	10	2.00	ga-9p.
19	858	883	63.9	57.6	56.1	71.3	475	400	100	100	ENE 1	ENE 1	8	10	7.13	T in aft.
20	911	911	61.1	57.3	56.9	63.4	531	467	99	99	ENE 1	ENE 1	10	10	6.92	
21	854	809	57.2	56.2	55.6	65.6	444	434	95	96	N 2	NNW 2	10	10	0.31	before ga.
22	728	712	55.7	54.2	52.1	61.7	394	391	89	93	Calm 0	Calm 0	10	3	0.93	9p.
23	653	610	60.0	55.6	50.9	67.3	423	419	82	95	WNW 1	WSW 1	8	9	0.89	in morning.
24	613	29.788	53.1	50.9	50.8	62.8	375	282	93	76	W 2	WSW 1	10	3	0.29	
25	29.896	30.075	56.2	49.7	44.1	63.6	306	289	68	82	WSW 1	SW 1	7	1	3.35	R 2p.
26	30.273	346	55.9	53.7	43.8	64.2	305	367	69	89	W 1	Calm 0	5	2	—	
27	395	393	63.1	56.6	46.9	68.5	407	400	71	87	ENE 1	ESE 1	6	8	—	
28	397	404	62.1	54.3	50.2	64.7	419	404	76	96	ENE 2	E 1	6	1	—	
29	378	225	64.6	58.0	49.7	70.4	473	412	78	85	ESE 1	SSE 1	5	7	—	before ga.
30	089	199	63.0	50.0	49.2	64.9	459	309	78	86	W 3	WSW 1	4	6	—	
31	30.131	30.137	55.0	52.1	46.0	60.3	316	313	73	80	NW 2	N 2	8	9	—	in morning.
Means	29.978	29.993	58.3	54.3	50.2	63.6	392	383	80.2	90.2	2.2	1.6	7.6	7.0	5.228	

## BUXTON.

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

JULY 1875.

1	29.728	29.675	60.7	59.1	54.4	68.6	446	469	85	94	Wb.S 2	Calm 0	9	8	5.10	R ga and before 9p.
2	691	29.818	55.6	54.3	52.4	65.2	422	382	95	90	SW 1	WNW 3	10	10	2.00	
3	29.940	30.249	54.7	49.9	44.4	55.1	493	278	94	79	Wb.N 1	ENE 1	10	6	0.90	
4	30.362	437	58.4	51.6	45.5	64.9	317	351	65	92	NE 4	E 1	1	1	—	
5	373	390	65.2	57.5	43.5	69.4	369	393	59	83	S 2	NNW 1	2	8	—	
6	361	411	67.3	58.1	54.7	70.7	375	393	56	81	E 3	E 2	2	6	—	
7	346	30.256	64.2	55.4	44.5	69.4	419	381	70	87	SE 2	SE 1	1	0	—	
8	30.055	29.850	59.6	57.6	46.5	69.9	421	375	82	79	N 1	NW 1	8	7	—	R ga.
9	29.665	360	55.6	53.9	44.0	57.9	393	410	88	99	NW 2	SW 1	10	10	3.40	T before ga.
10	574	579	50.4	51.1	48.0	58.8	302	308	83	82	NW 5	W 1	8	9	4.10	
11	409	29.718	—	51.2	44.5	54.6	—	343	—	91	Nb.W 5	NW 3	8	8	2.40	
12	29.972	30.128	53.3	50.0	42.5	58.6	276	265	69	75	NW 6	NW 4	6	0	—	
13	30.269	30.134	57.1	50.2	42.5	61.0	295	334	63	93	NW 2	Calm 0	6	10	0.50	
14	29.968	29.856	54.6	49.9	47.2	56.3	304	339	72	95	SSE 4	ESE 2	9	10	7.00	
15	782	29.959	50.0	51.7	48.2	56.1	340	342	94	80	E 7	E 2	10	8	0.80	
16	992	30.055	55.7	50.9	47.5	63.2	316	321	72	86	E 4	E 2	7	4	—	
17	983	29.933	61.0	56.1	47.2	67.5	367	352	69	78	E 4	E 2	2	7	0.20	
18	812	846	56.5	56.9	53.8	64.5	433	449	95	97	E 3	E 3	10	10	2.00	
19	782	770	58.9	61.1	55.8	63.1	487	503	98	94	Sb.E 2	E 2	10	10	1.305	
20	933	970	60.7	54.7	52.5	62.2	487	388	92	91	Calm 0	N 5	10	10	5.00	ga.
21	914	820	63.3	58.9	52.3	68.8	446	366	77	74	NNW 1	NW 1	2	2	0.83	
22	719	710	56.2	56.7	52.0	62.8	355	404	78	88	NW 1	NW 1	10	8	—	
23	607	525	62.0	54.7	52.0	67.9	397	412	72	96	WNW 1	NW 1	0	10	3.63	
24	637	29.750	54.6	52.2	47.2	58.0	304	318	72	81	NW 1	WNW 1	3	10	—	
25	29.841	30.065	55.7	50.9	42.8	57.2	302	296	69	80	WNW 1	NW 1	4	5	2.00	
26	30.196	336	56.6	47.0	42.3	62.7	349	321	76	99	NW 1	WNW 1	5	2	—	
27	371	332	56.9	55.3	38.8	66.9	345	397	75	90	N 1	SE 1	5	8	—	
28	293	322	60.2	51.9	38.8	67.3	410	375	79	98	Calm 0	Calm 0	2	1	—	
29	280	204	64.6	62.2	42.0	72.9	425	416	71	75	SSE 1	W 3	1	8	0.90	
30	181	255	54.6	49.9	48.8	63.9	304	303	72	85	NW 2	NW 2	3	3	—	
31	30.157	30.213	58.1	47.1	46.0	64.0	310	284	67	88	Calm 0	Calm 0	6	0	—	
Means	29.972	29.998	58.1	53.8	47.2	63.5	371	363	77.0	87.4	2.3	1.6	5.8	6.4	6.188	

\* 30 days.

## OSCOTT.

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

JULY 1875.

Day.	Barometer.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	
1	ins.	ins.	63.0	58.0	55.9	70.8	ins.	ins.	82	88	SSE 3	S 2	10	4	ins.	T 3p-4p.
2	29.721	29.660	63.0	58.0	55.9	70.8	471	427	82	88	SSE 3	S 2	10	4	—	
3	29.882	29.802	64.0	55.9	54.4	68.5	464	423	78	95	S 3	NNW 2	8	10	4.70	
4	29.920	30.164	53.5	53.2	51.3	57.2	399	388	98	96	NW 3	NNE 3	10	10	1.40	
5	30.340	385	57.0	56.1	49.9	67.1	346	377	74	83	NNE 3-4	NNE 1	6	0	—	
6	361	357	63.0	58.1	48.1	70.0	384	379	67	79	NNW 3-4	NNE 1	0	5	—	
7	357	350	64.5	59.3	52.5	73.1	382	359	63	72	NNE 2	ENE 3	0	0	—	ga.
8	332	30.197	62.2	59.0	48.1	70.5	424	424	76	86	ENE 3	ENE 1	2	0	—	ga.
9	30.062	29.902	59.3	57.1	49.3	71.9	395	430	79	91	NE 2	NNW 2	9	10	2.90	ga. 4p.
10	29.683	300	56.2	57.0	53.4	58.4	413	443	91	95	SSW 2	SW 2	10	10	3.00	
11	591	604	58.6	53.2	49.3	65.0	367	342	75	84	W 6	S 3	9	9	1.50	
12	407	29.748	55.0	52.0	44.2	61.4	352	338	82	87	SW 3	W 3	10	9	0.80	
13	29.994	30.187	54.0	51.2	49.0	62.7	292	304	70	81	NW 6-7	NW 2	9	0	—	
14	30.206	30.124	57.4	53.2	43.8	64.8	373	347	79	86	SW 2	SSE 1	10	10	—	ga.
15	29.969	29.758	54.2	51.3	48.2	55.7	332	373	79	99	SSE 3	ENE 5-6	10	10	1.290	



## STRATHFIELD TURGISS.

Height above Mean Sea Level, 196 feet. Long. 1° 0' W. Lat. 51° 20' N.

JULY 1875.

Day.	Barometer.		Air Temperature.			Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Amount of Cloud.		Rain-fall.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.		
1	ins.	ins.	64.2	55.4	53.8	68.5	in.	in.	0/0	0/0	S	1	S	1	ins. 0.40
2	29.752	29.714	61.8	58.4	52.0	66.9	4.62	4.47	84	92	SW	1	SW	0-1	0.55
3	754	29.817	61.8	58.4	52.0	66.9	4.62	4.47	84	92	SW	1	SW	0-1	0.55
4	29.913	30.064	55.3	57.5	54.3	63.9	3.99	4.57	91	97	NW	1	N	0-1	0.305
5	30.281	30.360	55.9	53.8	53.4	63.7	4.19	3.85	94	93	NE	1	Calm	0	—
6	352	319	63.6	57.4	44.4	72.4	4.31	4.27	74	90	NE	1-2	NE	1	—
7	331	309	65.9	62.9	53.7	75.2	4.85	5.07	77	89	NE	1	NE	1	—
8	295	30.172	63.0	58.6	52.2	72.2	4.54	4.54	79	92	N	1	E	1	—
9	30.041	29.905	60.1	58.0	53.9	69.9	4.41	4.61	86	95	N	1	Calm	0	—
10	29.765	29.765	57.4	57.0	53.5	68.5	4.28	4.51	91	97	SW	1	W	1	0.542
11	667	727	57.8	54.4	50.3	65.5	3.24	3.77	68	90	SW	1-2	NW	1-2	0.553
12	29.522	29.812	59.1	53.3	45.3	63.2	3.84	3.78	77	93	SW	1-2	W	1	0.015
13	30.025	30.222	55.8	53.0	49.0	65.2	3.55	3.52	80	87	W	2	NW	1	—
14	337	30.164	61.8	52.0	40.2	65.4	4.03	3.56	74	92	NW	0-1	Calm	0	—
15	30.000	29.678	58.8	50.8	43.3	59.1	4.04	3.51	82	94	S	1	SE	1	1.624
16	29.608	29.713	56.8	57.0	50.8	59.9	4.62	4.34	100	93	SE	1	NE	1	0.821
17	804	892	57.0	56.7	54.5	63.0	4.53	4.21	97	91	N	1	NE	2	0.023
18	871	798	58.3	60.1	54.1	61.2	4.41	4.64	91	89	NE	1-2	NE	1	0.258
19	747	808	61.1	60.8	55.9	71.5	5.28	4.72	98	89	E	0-1	S	1	0.060
20	841	876	59.5	58.6	57.5	72.8	4.82	4.67	95	95	N	1	S	1	0.023
21	944	970	62.8	58.0	55.4	68.2	4.82	4.61	84	95	SW	1	NW	1	0.011
22	929	874	56.0	57.0	55.0	67.1	3.89	4.34	87	93	W	1	W	1	1.760
23	818	766	64.1	52.0	51.8	72.7	5.00	3.56	83	92	NW	1-2	W	1	0.114
24	699	672	60.0	57.0	49.4	66.3	4.31	4.51	84	97	W	1-2	W	1	—
25	629	29.712	59.3	53.0	52.3	71.8	4.89	3.52	97	87	SW	1	SW	1	—
26	29.943	30.130	63.1	53.4	43.3	67.7	3.58	3.43	63	84	SW	1	W	1	—
27	—	375	62.4	53.5	41.3	70.2	3.94	3.96	70	97	NW	1	Calm	0	—
28	30.381	342	64.0	57.3	42.8	73.0	3.45	3.44	58	73	SE	1	E	1	—
29	327	331	67.9	60.0	45.8	75.5	4.27	3.95	62	76	NE	1	N	0-1	—
30	354	264	68.4	61.5	45.4	77.8	4.41	4.79	63	88	NE	1	N	1	—
31	160	225	66.0	55.6	49.7	74.3	4.34	3.18	68	72	NW	1	N	1	—
Means	29.972	29.985	60.8	56.3	49.9	68.4	4.29	4.12	81.2	90.3	1.1	0.9	7.7	6.2	5.704

\* 30 days.

## DARTMOOR.

Height above Mean Sea Level, 1,372 feet. Long. 3° 59' W. Lat. 50° 32' N.

JULY 1875.

1	29.758	29.763	56.7	51.7	51.0	60.6	3.96	3.84	86	100	S	3	SW	3	9	10	2.20	at and before op.
2	29.849	29.954	54.1	49.6	49.0	56.6	4.01	3.56	96	100	SW	3	W	2	10	10	5.20	at and before op.
3	30.109	30.220	49.4	51.1	45.0	53.6	3.22	3.75	91	100	N	5	NW	4	9	10	0.10	at and before op.
4	307	438	56.5	51.5	49.2	64.6	3.91	3.55	86	94	NE	4	NE	1	5	0	—	before ga.
5	433	393	63.4	57.0	47.5	70.6	3.51	4.34	60	93	NE	2	N	3	0	0	—	before ga.
6	396	385	63.4	59.4	52.0	70.6	4.49	4.30	77	86	NE	1	NE	1	8	2	—	before ga.
7	315	268	64.6	59.4	54.0	72.0	4.15	4.53	69	90	NE	3	Calm	0	4	10	0.30	ga. and op.
8	30.126	30.028	60.9	52.7	52.2	71.6	4.24	3.93	81	99	NW	1	NW	4	6	10	1.00	ga. and op.
9	29.856	29.579	52.3	52.0	50.0	66.8	3.93	3.88	100	100	SW	5	SW	5	10	10	8.20	ga. and op.
10	885	762	53.3	49.1	48.5	58.1	3.22	3.49	79	100	NW	6	NW	6	6	6	7.30	ga. and op.
11	29.734	29.981	49.5	49.7	42.5	57.6	3.35	3.57	96	100	W	7	NW	5	10	10	2.30	ga. and op.
12	30.225	30.346	51.3	46.6	46.0	59.1	3.33	2.60	88	83	NW	2	NW	1	9	0	—	ga. and op.
13	30.342	30.223	52.7	48.6	44.5	61.6	3.27	3.23	82	95	Calm	0	Calm	0	10	10	5.00	ga. and op.
14	29.956	29.597	50.0	52.7	48.2	61.6	3.46	3.93	97	99	SE	5	SE	8	10	10	4.150	at and before op.
15	557	799	51.7	48.6	48.6	62.4	3.78	3.29	99	97	SE	2	NE	2	10	10	0.90	at and before op.
16	900	996	51.5	54.5	48.6	60.6	3.81	3.81	100	90	NE	8	NE	6	10	10	2.10	all day.
17	987	954	59.4	51.5	51.0	70.6	3.67	3.29	73	87	NE	5	SE	4	6	10	0.20	before ga.
18	821	824	54.5	53.9	50.6	58.8	4.07	4.16	96	100	NE	4	SE	1	10	10	0.20	before ga.
19	29.903	29.987	55.1	52.5	50.8	61.0	4.16	3.96	96	100	S	1	SW	3	10	7	—	before ga.
20	30.075	30.120	52.9	53.1	50.0	62.0	3.73	4.04	93	100	W	2	SW	2	9	10	0.60	at and before op.
21	30.091	30.013	55.9	51.9	48.8	60.6	3.57	3.75	80	98	W	2	NW	5	9	10	—	at and before op.
22	29.974	29.886	53.7	51.9	51.0	62.8	3.84	3.75	93	98	NE	3	NW	4	10	9	—	at and before op.
23	825	784	55.7	53.3	51.6	61.8	4.01	4.07	91	100	W	3	SW	4	8	10	2.10	at and before op.
24	29.823	29.933	54.0	46.6	46.0	59.4	3.36	2.89	80	92	NW	4	W	2	6	2	0.20	at and before op.
25	30.091	30.277	50.1	47.4	44.8	59.8	2.93	2.84	81	87	NW	2	NW	4	7	1	—	at and before op.
26	400	431	56.3	49.6	44.8	63.8	3.34	3.35	74	95	NW	1	Calm	0	5	1	—	at and before op.
27	427	385	56.9	51.3	45.0	65.8	3.51	3.57	76	95	E	3	Calm	0	5	8	—	at and before op.
28	353	401	64.4	57.5	46.8	73.0	4.16	3.79	70	81	E	3	Calm	0	0	0	—	at and before op.
29	401	370	67.6	56.7	52.5	72.5	4.33	3.57	64	78	E	2	Calm	0	0	0	—	at and before op.
30	298	329	58.7	51.5	51.0	66.6	4.73	3.31	97	87	W	1	NE	2	10	6	—	at and before op.
31	30.399	30.223	53.5	48.6	43.6	62.2	2.89	3.17	71	93	NE	4	NE	3	7	0	—	at and before op.
Means	30.083	30.085	55.8	52.0	48.6	63.5	3.74	3.65	84.6	94.1	3.1	2.7	7.3	6.5	7.960			

## MARKREE CASTLE.

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

JULY 1875.

Day.	Barometer.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	
1	ins.	ins.	59.2	54.8	54.4	63.4	in.	in.	0/0	0/0	SE 1	NW 2	10	10	ins. .384	D gp.
2	29.643	29.649	51.8	51.2	50.3	55.5	.358	.286	93	76	NNW 3	NW 3	10	7	.096	
3	30.180	30.346	56.1	53.5	50.8	61.3	.354	.370	78	91	NW 3	NW 2	8	5	.020	D gp.
4	.393	.415	56.4	58.9	51.3	61.4	.385	.466	86	94	SW (?) 1	Calm 0	10	10	.002	
5	.460	.486	55.7	53.1	52.7	61.1	.419	.344	94	84	NW 3	NW 2	10	2	—	D ga and gp.
6	.439	.414	58.8	55.4	48.6	66.4	.395	.430	80	98	NW 2	NNW 1	9	10	—	
7	.369	30.268	57.8	54.4	53.2	67.5	.430	.394	89	93	WNW 1	NW 2	10	10	—	D p.
8	30.124	29.930	58.7	52.4	52.2	62.0	.415	.358	85	91	Calm 0	Calm 0	10	6	.195	
9	29.516	.529	54.8	52.0	50.2	62.4	.353	.356	83	92	SE (?) 1	NW 3	10	8	.184	
10	.609	.383	56.8	48.1	47.9	58.3	.356	.324	76	96	WNW 2	Calm 0	9	10	.552	D a.
11	29.620	29.916	57.7	51.8	47.0	59.9	.348	.340	73	88	NNW 4	NNW 3	6	4	.315	
12	30.145	30.190	55.5	53.1	48.2	62.2	.290	.354	66	87	WNW 2	Calm 0	8	5	.036	D p.
13	30.109	29.944	54.2	55.1	49.9	58.4	.343	.354	81	82	S 2	SE 4	10	10	.026	
14	29.807	29.850	56.1	55.4	52.3	65.8	.390	.345	87	80	ESE 3	NE 2	10	1	—	D gp.
15	29.959	30.033	61.7	56.4	50.8	70.5	.368	.369	68	82	NE 2	NE 1	2	0	—	
16	30.077	30.028	62.5	55.1	45.9	71.2	.396	.376	71	87	Calm 0	Calm 0	1	0	—	D gp.
17	29.984	29.973	63.3	55.6	45.8	71.5	.387	.388	67	88	SSE 2	Calm 0	4	4	—	
18	.920	.849	62.4	56.5	43.5	66.6	.437	.413	78	91	NW 0-5	NNW 3	9	10	.074	D before ga.
19	.826	.869	59.8	62.3	56.3	71.2	.471	.511	92	92	NE 1	Calm 0	10	10	.037	
20	.921	.963	60.0	61.1	57.6	67.4	.477	.504	93	94	Calm 0	NNW 1	10	9	.252	D p.
21	.981	.930	63.0	60.7	58.7	73.4	.504	.454	88	86	ESE 1	WNW 1	10	1	—	
22	.851	.718	59.7	57.1	53.9	62.0	.461	.439	91	93	NW 1	NNW (?) 0-5	10	10	.047	D p.
23	.603	.683	58.0	51.1	50.8	62.6	.421	.395	87	81	NW 2	NW 2	9	4	.091	
24	.724	29.814	57.0	50.1	47.5	60.5	.331	.307	71	85	NNW 3	Calm 0	7	8	.403	D p.
25	29.918	30.138	54.8	47.6	44.8	58.9	.320	.288	75	88	WNW 4	Calm 0	6	0	.013	
26	30.191	.292	57.6	50.8	36.1	65.3	.346	.328	73	88	SW 2	SE 0-5	7	1	.116	D p.
27	.302	.266	59.4	57.1	39.1	66.4	.357	.385	71	83	SE 3	SE 1	2	9	—	
28	.273	.273	61.6	62.0	45.0	73.1	.404	.436	75	79	SE 2	SE 1	7	7	—	D p.
29	.144	.140	63.0	54.8	51.3	71.9	.395	.406	69	94	SE 4	NNW 5	10	10	.315	
30	.366	.384	59.7	53.4	49.3	62.4	.328	.330	64	79	NNW 4	NW 4	5	10	—	
31	30.328	30.292	57.0	52.1	44.2	63.8	.348	.336	74	86	NNW 4	WSW 1	10	0	—	
Means	30.017	30.031	58.4	54.6	49.3	64.7	.387	.376	79.5	87.6	2.0	1.5	8.0	6.2	3.158	



## HAWES.

Height above Mean Sea Level, 800 feet. Long.  $2^{\circ} 11' W.$  Lat.  $54^{\circ} 18' N.$

AUGUST 1875.

Day.	Barometer.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.	
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.			
1	ins.	ins.	54°	48°	45°	59°	395	312	76	92	Calm	0	10	1	ins.	P <sup>ga</sup> . P <sup>2</sup> ☼ 9p.	
2	30°243	30°201	54°	48°	45°	59°	395	312	76	92	Calm	0	5	2	—	P <sup>2</sup> ga. and 9p.	
3	30°252	30°224	56°	53°	37°	68°	358	345	67	85	Calm	0	ENE	1	10	10	P <sup>2</sup> ☼ 11.30a. P <sup>0</sup> 9p.
4	30°166	30°205	58°	52°	40°	66°	384	351	78	90	Calm	0	NW	1	10	9	P <sup>2</sup> 9p.
5	30°202	30°222	54°	47°	54°	59°	333	288	79	87	Calm	0	N	1	10	10	Scotch ☼ 9p.
6	30°172	30°158	54°	44°	40°	58°	353	279	84	90	E-N	1	E	2	10	9	Scotch ☼ ga. and p.
7	30°113	30°142	55°	54°	53°	61°	406	381	93	90	E-N	1	E	2	10	9	☼
8	30°133	30°136	57°	54°	51°	62°	386	394	83	94	Eb.S	2	E-N	2	7	10	370
9	30°128	30°039	55°	52°	53°	60°	412	453	95	97	E	2	E	1	10	10	☼
10	29°857	29°785	58°	56°	56°	64°	475	441	97	97	Eb.N	1	W	1	10	10	1260
11	30°788	30°701	58°	59°	55°	62°	397	467	82	91	sw-SW	1	SW	2	10	10	77p.
12	30°795	30°886	58°	59°	55°	63°	409	409	85	89	SW	2	W	3	10	10	☼
13	30°836	30°742	58°	56°	55°	65°	449	413	93	90	wb.N-E	1	E	1	10	10	☼ aft. and 9p.
14	30°820	30°957	56°	55°	55°	63°	406	443	89	91	E	1	S	1	10	10	☼
15	29°060	30°094	64°	56°	56°	67°	456	388	77	84	SW	1	WSW	2	7	10	—
16	30°097	30°104	64°	60°	55°	70°	456	473	74	91	WSW	1	Calm	0	3	10	—
17	30°994	29°903	66°	59°	57°	74°	503	444	79	88	Calm	0	WSW	2	6	5	040
18	30°886	29°879	62°	59°	57°	66°	524	442	92	89	WSW	1	WSW	3	10	6	180
19	29°940	30°108	58°	55°	55°	64°	394	394	81	90	WSW	3	W	2	7	6	010
20	30°192	30°236	63°	53°	42°	68°	394	297	69	73	Calm	0	Calm	0	5	6	—
21	30°235	30°300	59°	51°	42°	65°	331	338	66	90	Calm	0	W	2	0	1	—
22	30°266	30°283	57°	57°	50°	61°	371	422	80	88	WSW	2	WSW	2	10	10	130
23	30°223	30°151	59°	57°	56°	66°	454	400	92	86	WSW	1	Wb.S	2	10	10	030
24	30°040	29°933	59°	55°	55°	65°	413	388	83	90	SW	2	Calm	0	10	10	030
25	29°812	30°865	57°	49°	49°	65°	427	338	91	94	SW	1	Calm	0	10	0	050
26	30°713	30°720	57°	60°	47°	64°	449	477	93	93	Calm	0	SW	4	10	10	260
27	29°818	29°935	58°	56°	55°	64°	389	386	79	86	WSW	4	WSW	4	10	0	040
28	30°091	30°164	54°	52°	50°	60°	333	351	75	87	WSW	2	WSW	2	10	0	—
29	30°114	30°004	57°	52°	49°	63°	403	364	86	94	Calm	0	Calm	0	10	9	070
30	29°944	29°970	53°	54°	49°	65°	364	369	87	88	Calm	0	Wb.S	1	10	8	—
31	29°977	29°842	54°	53°	50°	57°	338	373	81	92	WSW	1	Wb.S	4	10	10	890
32	29°957	30°167	54°	52°	47°	62°	301	328	72	84	NW	3	Wb.S	1	9	1	—
Means	30°025	30°037	58°	55°	50°	63°	399	389	82°5	89°4	1°1	1°7	8°7	7°2	4°120		

CALCETHORPE.

Height above Mean Sea Level, 379 feet. Long.  $0^{\circ} 7' W.$  Lat.  $53^{\circ} 23' N.$

AUGUST 1875.

1	30°189	30°260	56°2	48°9	47°1	61°0	*311	*323	69	94	NNE 2	NNE 1	6	1	—	before 9a.
2	*274	*224	56°6	51°0	44°0	61°6	*327	*338	71	90	NNE 1	E 1	5	1	—	
3	*159	*174	58°6	50°3	49°4	62°2	*401	*352	82	97	E 1	ENE 1	9	1	—	
4	*150	*147	56°6	48°3	47°3	59°9	*355	*292	77	87	N 1	N 1	9	2	*026	
5	30°077	*025	56°4	56°9	48°3	63°4	*407	*454	90	98	N 1	N 2	9	10	*309	
6	29°091	*045	59°3	56°7	56°5	66°4	*485	*427	96	93	NNE 3	NNE 3	10	7	*053	
7	30°041	*088	60°9	56°9	56°0	63°8	*480	*404	91	100	NNE 3	ENE 2	10	10	*790	
8	30°070	30°013	60°5	57°9	56°4	67°6	*516	*486	98	100	N 1	NE 1	10	10	*055	
9	29°803	29°805	60°4	60°1	53°8	73°6	*512	*454	98	88	E 2	SW 1	10	9	*255	
10	*838	*752	59°3	62°0	55°9	70°4	*469	*492	93	89	SE 1	SW 3	10	9	*014	
11	*817	*894	61°0	58°8	54°1	71°0	*419	*382	79	77	SW 2	Calm 0	9	4	*032	
12	*839	*697	61°8	60°8	54°0	67°3	*477	*503	87	94	SE 1	SSW 1	10	8	1:503	
13	29°767	29°084	57°7	56°8	53°5	61°5	*461	*441	94	95	NNE 2	SE 1	10	9	*003	
14	30°012	30°108	61°5	61°5	55°1	71°4	*494	*461	91	85	S 2	WSW 1	10	9	*030	
15	*126	30°174	63°5	62°5	57°7	73°2	*505	*512	87	91	WSW 3	SW 1	9	6	—	
16	30°056	29°058	69°6	68°1	57°8	80°8	*541	*556	75	81	SSW 4	SSW 2	6	4	—	
17	29°952	29°927	65°9	66°0	55°0	74°3	*469	*516	74	81	SSW 4	SW 4	2	9	—	
18	29°094	30°104	63°8	57°8	56°9	69°5	*436	*404	74	84	WSW 4	SE 1	7	4	—	
19	30°198	*200	62°8	57°6	49°8	70°7	*389	*403	68	84	NNW 1	ESE 1	3	10	—	
20	*216	*308	60°1	56°1	53°0	69°4	*425	*365	83	81	NNE 1	W 1	8	5	—	
21	*320	*300	60°4	60°4	51°4	67°6	*340	*388	64	74	SW 1	WNW 1	5	10	—	
22	*250	30°164	62°8	62°1	54°7	71°0	*410	*422	72	77	WSW 1	NW 1	9	8	—	
23	30°083	29°950	61°2	55°4	51°7	70°3	*378	*349	71	80	SW 1	SW 1	6	0	—	
24	29°865	*863	62°6	60°6	56°5	69°6	*391	*494	69	94	SW 2	SW 1	5	10	*008	
25	*797	*812	63°0	61°2	57°4	69°4	*501	*433	87	81	SW 3	SW 3	9	2	*004	
26	29°912	29°996	62°6	58°5	57°4	70°3	*370	*384	66	79	SW 2	SW 1	9	1	—	
27	30°139	30°180	57°9	52°7	52°5	66°4	*322	*312	67	78	WSW 1	WNW 1	3	1	—	
28	30°113	29°974	60°9	56°6	47°0	65°5	*387	*431	73	94	SW 1	ENE 1	7	10	*109	
29	29°923	*991	60°6	52°9	52°9	64°8	*378	*378	72	95	ENE 1	SW 1	6	0	*126	
30	30°023	29°913	57°0	56°8	48°9	63°7	*382	*328	82	71	WSW 2	WSW 4	10	6	*332	
31	29°925	30°132	56°8	51°3	49°9	62°2	*321	*316	69	83	W 5	WNW 1	5	2	—	
Means	30°030	30°037	60°6	57°5	52°8	67°8	*421	*415	79°7	86°9	1°9	1°5	7°6	5°7	3°649	

T

in aft.

<

in evening.

all day.

before 9a.

10a.

10a.

in aft.

<

in evening.

before 9a.

9p.

before 9a.

9a.

9p.

before 9a.

10.30a.

at noon.

in morning.

9p.

BUXTON.

Height above Mean Sea Level, 987 feet. Long.  $1^{\circ} 54'$  W. Lat.  $53^{\circ} 14'$  N.

AUGUST 1875.

Day.	Barometer.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.		
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.			9 a.m.	
1	ins.	ins.	30°210	30°269	55°4	53°7	44°4	61°6	373	344	86	83	E 3	E 2	6	8	ins.	
2	246	223	64°0	54°9	39°2	66°4	57	66	454	374	76	87	Calm	Calm	0	6	0°39	
3	164	187	54°1	47°6	43°7	58°9	53	52	352	284	84	87	Calm	Calm	0	9	0	
4	184	186	53°1	50°1	40°0	59°9	53	56	336	258	83	72	Nb.E 1	NE 2	9	6	—	
5	149	109	53°3	54°6	42°0	59°1	53	51	331	384	81	90	Wh.N 2	NE 2	10	10	240	
6	028	068	57°3	56°3	54°5	63°2	44	43	443	400	94	87	NE 3	ENE 2	10	4	080	
7	003	102	56°6	51°4	50°5	60°9	42	43	423	366	92	96	E 3	E 2	10	8	1°510	
8	30°084	30°032	58°3	58°3	51°4	66°2	45	49	459	462	94	95	E 1	SE 1	10	10	260	
9	29°797	29°790	57°5	59°3	56°2	64°8	45	43	453	421	96	84	SE 2	W 3	10	8	350	
10	776	752	58°7	60°0	54°2	64°4	46	42	462	439	94	86	S 2	SW 4	7	7	050	
11	798	915	62°0	58°3	52°5	68°4	40	47	407	419	74	87	W 3	NW 2	5	5	460	
12	682	730	59°3	52°9	52°0	65°4	44	41	441	386	88	97	ESE 2	W 2	9	1	508	
13	29°761	29°929	59°6	58°4	48°8	65°2	46	42	462	470	91	97	NW 1	SE 1	8	10	164	
14	30°010	30°072	62°8	58°6	55°5	67°9	43	46	436	443	77	90	WSW 2	W 1	2	10	900	
15	30°119	30°127	62°5	62°1	56°3	70°4	40	47	407	518	83	93	NW 1	Calm	0	4	5	
16	29°990	29°993	69°6	58°0	54°0	75°9	54	55	545	441	75	91	SW 1	E 1	3	5	—	
17	29°942	29°937	65°0	61°0	54°2	69°4	50	51	501	475	82	89	W 3	WNW 4	8	7	160	
18	30°000	30°138	60°2	56°7	54°8	67°2	42	44	424	407	82	88	W 4	W 2	8	2	—	
19	191	220	61°3	58°2	49°8	66°1	39	61	396	313	74	65	NW 1	NW 4	7	7	—	
20	260	338	60°4	48°4	47°5	60°4	34	60	346	319	66	94	Calm	0	NW 1	5	1	—
21	313	332	59°9	57°5	44°0	66°2	36	62	362	362	71	77	W 4	NW 1	3	8	—	
22	172	30°217	64°4	53°6	53°0	68°4	39	63	393	356	64	86	WNW 1	NW 1	2	2	—	
23	30°084	29°937	58°0	57°5	45°0	67°6	38	64	384	404	80	85	W 2	W 3	5	8	—	
24	29°846	842	57°4	51°7	51°2	61°2	39	63	393	375	83	98	W 3	NW 1	9	10	020	
25	749	29°822	59°6	59°6	51°7	67°9	43	61	431	425	85	83	W 5	WNW 5	4	4	050	
26	29°902	30°020	61°8	58°2	52°5	67°7	37	61	371	386	68	80	W 2	W 4	5	2	—	
27	30°144	211	58°0	52°1	48°0	65°7	31	63	313	344	65	88	NW 3	W 2	3	0	—	
28	30°106	30°015	57°7	55°3	43°5	63°4	37	63	377	389	80	89	NW 3	NW 2	7	10	218	
29	29°948	29°948	57°5	52°4	50°0	62°6	39	66	396	374	84	95	NW 2	W 1	6	1	—	
30	30°031	29°920	54°7	55°4	51°0	62°1	34	69	340	385	80	89	WSW 3	NW 5	8	10	280	
31	29°976	30°214	54°3	50°6	49°5	58°9	33	78	330	312	78	85	NW 7	NW 2	5	0	—	
Means	30°023	30°051	59°2	55°6	49°7	65°2	40	66	406	388	81°0	87°5	2°2	2°0	6°6	5°7	5°280	

## OSCOTT.

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

AUGUST 1875.

1	30°107	30°252	56°1	54°1	64°1	*334	*373	74	89	NNE 3	NNW 0-1	4	9	—	☞ <i>ga.</i> T at intervals 10a-2p.	
2	*262	*302	59°6	58°2	48°9	60°0	*351	*387	69	80	ENE 2-3	SW 1	3	10		—
3	*137	*144	58°8	55°0	52°7	64°1	*442	*359	90	83	NNE 2	NNE 2-3	9	6		—
4	*155	*164	58°1	50°0	47°0	61°1	*364	*337	76	94	NNE 3	NNE 1	9	1	—	
5	30°120	*056	53°1	57°8	42°7	62°6	*326	*398	80	83	N 3	NNE 3	9	10	*120	
6	29°086	*014	58°0	60°2	54°9	64°8	*482	*441	100	85	NNE 4	NNE 6	10	10	*160	
7	30°031	30°044	57°6	60°0	55°5	66°5	*454	*545	95	99	NNE 4	NNE 3	10	10	760	
8	30°063	29°074	59°3	62°3	57°4	73°1	*505	*551	100	98	Calm 0	NE 2	10	10	*400	
9	29°773	*819	60°1	59°5	58°1	71°9	*517	*460	99	91	ENE 2	S 2	10	10	—	
10	*769	*777	62°2	60°1	56°2	64°4	*465	*484	83	93	S 4-5	SSW 3-4	10	0	*210	
11	*828	*902	59°5	60°3	54°5	73°2	*503	*475	99	91	SSW 0-1	SW 0-1	10	9	*450	
12	*805	*705	61°4	56°7	56°0	60°0	*545	*442	100	96	S 2	E 0-1	7	*220	—	
13	29°792	29°055	60°5	62°0	54°9	70°9	*478	*487	91	88	NW 2	SW 1	10	9	—	
14	30°000	30°100	66°1	62°9	56°8	74°5	*515	*435	81	77	SSW 3	SW 1-2	9	10	*040	
15	*136	30°160	65°5	63°9	59°3	73°3	*562	*517	89	87	SSW 2	SSW 2	10	1	—	
16	30°021	29°070	62°2	66°6	57°2	82°1	*505	*588	82	90	S 3	SSW 1	9	4	—	
17	29°954	29°063	66°1	62°5	54°1	74°2	*528	*548	83	97	S 6	SSW 5-6	0	10	*010	
18	30°015	30°118	63°1	59°0	54°9	73°2	*448	*439	78	89	SSW 4	SW 1	9	9	*010	
19	*202	*189	61°2	56°8	50°9	69°7	*434	*383	81	83	NW 1	NNW 3-4	8	9	—	
20	*243	*314	60°1	56°1	50°5	60°0	*397	*407	77	90	NW 3	NW 1	4	5	—	
21	*355	*317	60°6	57°3	49°1	71°4	*393	*364	75	78	SW 3	NW 2	8	1	—	
22	*262	30°189	62°8	58°0	51°0	75°5	*411	*399	72	82	NW 1-2	NW 1	2	1	—	
23	30°099	29°956	63°2	57°0	49°7	71°5	*438	*417	76	89	SSW 3-4	SW 1	7	1	—	
24	29°879	*880	61°3	61°8	49°9	72°7	*447	*497	83	90	S 3	SSW 3	8	10	—	
25	*811	29°858	62°0	59°8	58°1	71°5	*494	*438	89	85	SSW 4	SW 4	9	0	—	
26	29°921	30°043	64°9	58°2	56°9	71°7	*419	*401	68	82	SW 4	SW 2	5	0	—	
27	30°163	30°223	60°2	54°0	51°6	70°1	*370	*350	71	84	WSW 3	SSW 1	1	0	—	
28	30°105	29°078	55°5	55°8	50°1	65°8	*378	*425	86	95	NNE 2	SW 1	10	10	*480	
29	29°951	30°022	57°1	54°6	53°2	68°2	*407	*389	87	91	NW 3	NW 2	2	1	—	
30	30°060	*011	58°8	57°5	50°3	66°6	*391	*375	79	80	WSW 4	WSW 5	3	9	*100	
31	30°031	30°191	57°8	63°4	54°1	74°3	*372	*517	78	89	WNW 5	W 1	5	0	—	
Means	30°036	30°048	60°6	58°8	52°9	69°7	*443	*439	83°6	88°0	2°9	2°1	7°2	5°9	2°960	



## CARMARTHEN.

Height above Mean Sea Level, 188 feet. Long.  $4^{\circ} 18' W.$  Lat.  $51^{\circ} 52' N.$   
AUGUST 1875.

Day.	Barometer.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.		
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.			9 a.m.	
1	ins.	ins.	66.6	56.7	0	0	in.	in.	0/100	0/100	Calm	0	Calm	0	1	2	ins.	T at intervals. Frequent $\nabla$ after [8p. till 8a. $\nabla$ 1d. $\nabla$ 8p.
2	30.189	30.200	66.6	56.7	44.7	71.4	.461	.421	71	91	Calm	0	Calm	0	4	5	—	
3	.230	.230	63.9	57.2	49.1	70.4	.459	.456	78	98	SE	1	Calm	0	8	5	—	
4	.117	.098	60.9	55.5	49.3	69.5	.449	.404	85	92	Calm	0	Calm	0	4	0	—	
5	.143	30.133	63.8	54.5	48.7	70.9	.441	.422	75	100	E	1	Calm	0	4	0	—	
6	30.129	—	57.9	57.4	44.3	68.3	.407	.434	85	92	E	1	NW	1	9	1	.110	
7	29.995	29.976	58.7	56.6	52.6	66.2	.479	.526	98	99	N	1	N	1	10	10	1.460	
8	29.988	30.016	58.0	58.2	52.6	69.2	.472	.485	98	100	NE	1	Calm	0	9	0	.050	
9	30.010	29.871	69.3	63.2	54.8	73.2	.574	.554	80	96	Calm	0	N	1	4	10	1.020	
10	29.694	.786	63.7	60.1	59.5	—	.537	.520	91	100	S	1	SW	2	9	9	.420	
11	.611	.772	61.8	59.6	56.2	66.0	.552	.507	100	99	SE	3	SW	1	10	9	.030	
12	.827	.873	65.6	62.0	56.5	69.2	.503	.556	81	100	SW	1	Calm	0	5	10	1.100	
13	.752	.634	63.0	62.5	60.4	72.4	.576	.528	100	93	Calm	0	Calm	0	10	10	.070	
14	29.825	29.901	60.0	61.4	58.2	69.9	.494	.545	96	100	W	1	Calm	0	10	10	.190	
15	30.026	30.063	65.4	60.4	59.1	70.2	.500	.526	81	100	W	1	Calm	0	6	10	.450	
16	30.123	30.098	62.1	61.6	59.1	70.2	.556	.520	100	95	SW	2	Calm	0	10	4	—	
17	29.985	29.947	65.0	60.1	59.8	71.2	.584	.500	95	96	SW	1	SW	1	10	3	—	
18	29.916	29.933	63.1	61.1	59.2	66.5	.566	.528	98	98	SW	2	SW	2	10	9	.500	
19	30.010	30.086	63.1	55.8	55.3	70.9	.496	.446	86	100	SW	1	NE	1	7	5	.100	
20	.181	.170	57.2	57.2	50.6	71.2	.469	.379	100	81	Calm	0	NE	2	10	1	—	
21	.234	.332	68.0	48.0	48.0	72.0	.434	.333	64	99	N	1	Calm	0	0	0	—	
22	.343	.309	63.0	54.7	44.4	69.2	.482	.419	84	98	Calm	0	Calm	0	3	6	—	
23	.264	30.185	64.4	54.7	51.8	71.4	.511	.422	85	99	Calm	0	Calm	0	2	1	—	
24	30.069	29.910	59.6	56.7	48.8	68.8	.494	.454	97	99	Calm	0	?	1	3	3	.140	
25	29.844	.849	58.6	60.3	56.0	68.1	.492	.516	100	99	S	1	Calm	0	10	10	.120	
26	.785	29.835	62.4	62.1	60.1	69.7	.564	.558	100	100	SW	2	SW	3	10	10	.090	
27	29.919	30.033	63.6	57.9	57.1	69.2	.514	.480	88	100	SW	2	Calm	0	9	0	—	
28	30.164	30.165	63.4	54.7	47.1	69.2	.465	.404	80	94	Calm	0	Calm	0	0	2	—	
29	30.059	29.978	55.3	54.4	49.4	67.0	.428	.421	98	99	Calm	0	Calm	0	9	0	—	
30	29.956	30.027	65.6	55.9	48.0	69.4	.503	.447	81	100	Calm	0	Calm	0	1	7	—	
31	30.093	.049	60.8	58.7	50.4	66.1	.433	.477	82	97	W	1	SW	3	3	9	—	
31	30.006	30.207	62.8	58.7	56.8	67.2	.447	.491	79	100	NW	1	SW	1	3	10	.080	
Means	30.016	*30.020	62.5	58.1	53.2	*60.5	.495	.474	88.3	97.2	0.8		0.6	6.4	5.5	5.930		

\* 30 days only.

## STRATHFIELD TURGISS.

Height above Mean Sea Level, 196 feet. Long.  $1^{\circ} 0' W.$  Lat.  $51^{\circ} 20' N.$   
AUGUST 1875.

1	30°182	30°238	56°0	53°9	40°4	71°1	*364	*344	81	83	NE	1	Calm	o	10	0	—
2	*271	*214	60°6	52°5	41°8	60°6	52°5	*379	73	60	NE	1	Calm	o	9	8	—
3	*158	*099	60°0	52°0	46°8	72°2	*407	*356	78	92	Calm	o	Calm	o	8	10	*050
4	*114	30°130	60°8	54°4	47°9	67°6	*415	*369	78	88	NE	1-2	N	1	9	10	—
5	30°088	20°095	56°6	59°3	44°4	67°2	*345	*418	75	83	N	1-2	N	1	3	10	*016
6	20°926	20°958	61°8	62°6	57°4	70°4	*496	*511	90	90	NE	1-2	NE	1	10	10	*137
7	20°979	30°036	61°7	61°6	58°3	66°7	*533	*528	97	96	E	0-1	Calm	o	10	10	*010
8	30°069	20°943	71°0	61°7	50°9	78°5	*526	*526	69	96	SE	1	Calm	o	7	10	*026
9	20°779	*875	66°3	59°9	59°4	75°9	*518	*407	81	79	SW	1	SW	1	10	9	—
10	—	*866	64°9	61°9	57°9	72°2	*475	*494	77	90	S	1-2	SW	1	8	9	*104
11	20°876	*953	62°8	62°0	60°3	73°6	*535	*520	94	94	W	1	SW	0-1	10	10	*032
12	*857	20°742	65°0	63°0	59°4	71°3	*533	*505	87	88	S	1	SW	1	10	10	*264
13	20°802	30°005	64°6	62°0	58°1	72°8	*518	*494	86	89	NW	1	SW	1	7	10	—
14	30°056	*160	63°7	61°1	57°7	74°7	*546	*447	93	84	SW	1	W	1	10	4	—
15	*204	*204	68°5	61°0	57°9	76°8	*526	*501	76	94	W	1	Calm	o	10	5	—
16	*099	*044	75°1	65°0	54°1	83°9	*603	*545	69	88	SW	1	SW	1	8	0	—
17	*035	*038	65°3	63°5	55°0	76°2	*407	*531	76	91	W	1	SW	1-2	0	10	—
18	*090	*159	64°5	61°5	58°0	75°6	*454	*522	75	96	W	1-2	SW	1	10	9	*115
19	*206	*159	60°5	60°3	52°4	71°5	*477	*507	91	97	Calm	o	N	0-1	10	10	*415
20	*231	*318	59°9	59°5	52°6	74°0	*479	*472	94	93	N	0-1	N	0-1	10	0	—
21	*386	*335	63°5	57°1	47°4	72°3	*443	*415	76	88	W	0-1	NW	1-0	9	10	—
22	*298	30°210	60°1	55°0	49°2	74°6	*425	*391	83	91	Calm	o	W	0-1	7	10	—
23	30°129	20°985	66°5	53°9	45°9	74°0	*451	*381	70	92	SW	0-1	SW	0-1	5	0	—
24	20°915	*907	64°0	60°6	45°9	74°6	*431	*447	72	85	W	1	NW	0-1	10	4	—
25	20°900	20°956	65°1	61°1	50°2	73°2	*428	*469	70	87	SW	1	SW	1	10	0	—
26	30°002	30°078	64°6	61°5	50°4	73°9	*518	*522	86	96	SW	1	SW	1	10	10	—
27	*171	30°173	64°7	54°4	48°5	75°3	*451	*396	74	93	N	1	N	0-1	7	3	—
28	30°103	20°958	57°4	57°1	50°2	65°2	*431	*457	92	98	Calm	o	Calm	o	10	10	*180
29	20°949	30°030	58°8	55°5	53°3	71°2	*419	*401	85	91	NW	0-1	NW	1	7	7	—
30	30°113	*100	60°4	54°1	48°4	68°2	*447	*362	86	87	NW	1	W	0-1	10	0	—
31	30°077	30°187	62°7	54°3	51°3	70°8	*351	*338	62	80	NW	1-2	N	1	0	0	—
Means	*30°069	30°067	63°1	58°8	52°0	72°7	*464	*450	80°5	90°2	o°9		o°6	8°2	6°4	1°349	

$\angle p.$   
 $\angle a.$   $\angle p.$

$\angle a.$

$\cup p.$

$\text{---} T a.$   
 $\text{---} ga.$   
 $\bigcirc a.$

$T a.$

$\bigcirc$

$T$  in afternoon.  
 $D^2 a.$

\* 30 days only.

## DARTMOOR.

Height above Mean Sea Level, 1,372 feet. Long.  $3^{\circ} 59' W.$  Lat.  $50^{\circ} 33' N.$   
AUGUST 1875.

Day.	Barometer.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.		
	ins. <sup>060.4</sup> 30° 27.5		60° 4	51° 0	43° 8	66° 3	ins. 348	ins. 366	9/10 93	9/10 93	NE 3	Calm 0	0	0	ins. —	
1	'319	'302	62° 6	52° 0	47° 0	66° 0	'399	'361	71 93	71 93	E 1	W 1	5 3	3	—	Wind changed at Noon to W. Cloud E
2	'238	'207	58° 5	53° 1	49° 0	65° 2	'302	'370	62 91	62 91	E 1	Calm 0	4 9	9	'130	⚡ about 2 miles off at 4p.
3	'233	'217	58° 7	53° 1	48° 8	66° 0	'366	'298	75 74	75 74	E 4	NE 1	5 5	5	—	T distant 4p.
4	'237	'155	54° 3	51° 7	45° 6	62° 6	'340	'357	81 93	81 93	NE 4	NE 2	4 3	3	'020	
5	'105	'076	54° 7	57° 5	47° 8	63° 6	'399	'473	93 100	93 100	NE 3	NE 3	10 10	10	—	⚡ before 9p. < 11p.
6	'100	30° 027	59° 4	55° 5	55° 2	69° 0	'477	'441	95 100	95 100	E 1	Calm 0	10 10	10	'020	⚡ 9p.
7	30° 159	20° 051	56° 9	58° 3	51° 5	68° 8	'434	'456	98 94	98 94	E 1	SW 2	10 10	10	'700	⚡ ga. and previously. ⚡ 11p-1a.
8	'869	'927	56° 7	55° 1	54° 8	61° 4	'439	'434	96 100	96 100	WSW 3	SW 3	10 10	10	'320	⚡ 9p. and before.
9	'791	'919	57° 9	56° 5	54° 0	61° 0	'480	'457	100 100	100 100	SW 5	S 2	10 10	10	'790	⚡ during past night. ⚡ all day.
10	30° 000	'980	57° 1	58° 7	56° 0	62° 6	'467	'494	100 100	100 100	W 2	S 1	10 10	10	'490	⚡ all day.
11	29° 903	20° 706	58° 5	55° 9	55° 6	62° 6	'491	'447	100 100	100 100	SW 1	S 1	10 10	10	'250	⚡ all day.
12	29° 962	30° 061	60° 4	56° 9	54° 2	63° 8	'479	'464	92 100	92 100	W 4	W 1	7 10	10	'510	
13	30° 189	'219	57° 9	58° 3	54° 4	62° 6	'436	'487	91 100	91 100	W 2	W 4	7 10	10	'240	
14	'295	'254	59° 5	56° 9	56° 6	67° 0	'509	'464	100 100	100 100	W 2	Calm 0	4 10	10	—	
15	'111	'116	63° 8	55° 5	55° 0	70° 6	'528	'441	89 100	89 100	SW 4	W 2	5 10	10	'040	Force of wind at 9p. o. At 10p. 6.
16	'107	'128	58° 5	56° 9	53° 5	61° 6	'491	'464	100 100	100 100	W 5	SW 5	10 10	10	'570	
17	'199	'245	56° 5	56° 0	54° 5	62° 6	'457	'449	100 100	100 100	W 3	W 2	10 10	10	'070	all day.
18	'280	'297	59° 7	53° 5	49° 8	63° 8	'428	'381	85 94	85 94	NE 1	NE 1	10 3	3	'090	
19	'333	'439	59° 5	52° 3	49° 0	65° 6	'386	'317	77 80	77 80	NW 3	NW 1	0 1	—	—	before 9a.
20	'462	'416	61° 0	52° 5	47° 5	66° 0	'285	'323	53 82	53 82	Calm 0	NW 1	7 5	—	—	
21	'403	'329	60° 3	52° 5	49° 0	66° 4	'364	'367	70 94	70 94	NW 1	NW 1	5 2	—	—	
22	'204	'083	61° 6	51° 7	46° 8	64° 8	'391	'357	72 93	72 93	W 1	Calm 0	7 0	—	—	
23	30° 010	'010	55° 3	56° 5	50° 0	63° 6	'379	'433	87 95	87 95	W 1	W 3	10 10	10	'160	
24	29° 998	'024	57° 9	57° 7	55° 5	63° 6	'430	'477	100 100	100 100	SW 4	W 4	10 10	10	'510	
25	30° 093	'130	57° 3	53° 5	52° 5	61° 6	'470	'399	100 98	100 98	SW 2	Calm 0	10 0	0	'010	
26	'284	'263	57° 9	50° 6	50° 5	64° 6	'360	'318	75 86	75 86	WNW 1	Calm 0	4 4	—	—	before 9a.
27	'188	'099	54° 5	50° 5	49° 6	58° 0	'353	'356	83 98	83 98	Calm 0	NW 3	10 0	0	'070	
28	'111	'070	57° 9	53° 5	49° 5	62° 6	'401	'399	84 98	84 98	NW 3	Calm 0	5 7	—	—	
29	'252	'256	54° 1	51° 1	50° 0	58° 6	'346	'371	83 98	83 98	NW 3	Calm 0	8 6	—	—	
30	30° 271	30° 336	56° 0	54° 5	49° 5	59° 4	'399	'412	89 98	89 98	W 4	W 5	10 10	10	'050	
Means	30° 161	30° 147	58° 2	54° 5	51° 2	63° 9	'414	'407	85° 8	95° 2	2° 3	1° 6	7° 5	6° 7	5° 040	

## MARKREE CASTLE.

Height above Mean Sea Level, 131 feet. Long.  $8^{\circ} 27' W.$  Lat.  $54^{\circ} 11' N.$   
AUGUST 1875.

1	30°259	30°209	60°7	55°0	42°4	69°5	*366	*371	70	86	WSW	1	N?	0°5	2	3	—
2	*200	*170	60°5	55°4	42°3	66°5	*390	*421	75	96	SW	1	Calm	0	10	10	*294
3	*160	*212	60°8	57°3	54°0	66°4	*447	*439	84	93	NNW	1	WNW	0°5	8	8	*009
4	*210	*208	62°5	55°9	45°4	67°9	*453	*398	81	90	NW	1	NW	1	2	9	*001
5	*199	*188	63°0	54°4	50°8	71°2	*414	*385	72	92	N	1	Calm	0	8	0	*001
6	*168	*144	64°0	59°0	40°4	68°4	*414	*419	69	84	NE	2	Calm	0	2	6	*092
7	*108	30°071	58°4	60°0	55°3	65°6	*457	*456	94	89	ENE	2	E	1	10	10	—
8	31°031	29°031	58°5	61°9	56°1	71°6	*428	*462	88	84	SE	1	E	1	10	10	—
9	29°806	*593	60°0	59°1	54°9	63°3	*446	*479	87	95	ENE	1	S	2	10	10	*220
10	*591	*631	60°7	58°9	55°7	68°0	*457	*438	87	89	SSE	3	SSE	0°5	8	10	*040
11	*747	*824	61°8	56°5	54°6	65°4	*482	*444	88	98	Calm	0	Calm	0	10	0	*260
12	*762	*713	59°4	60°0	51°6	70°3	*477	*460	95	91	NE	1	Calm	0	10	10	—
13	*781	*793	59°6	60°1	54°0	69°7	*471	*509	92	98	SSE	3	SW	1	10	8	*450
14	29°915	*963	56°8	58°6	51°0	67°4	*441	*471	95	95	SSE	1	S	1	10	10	*136
15	30°051	*900	62°7	62°4	56°3	71°4	*479	*493	84	88	SSE	2	SE	5	4	10	*383
16	29°751	*731	64°9	58°7	58°4	67°5	*505	*476	82	97	SSE	5	SSE	1	10	10	*357
17	*765	29°793	62°3	57°0	54°3	70°4	*472	*438	85	94	SSW	2	Calm	0	8	5	*024
18	29°979	30°129	60°3	54°0	53°3	64°0	*401	*374	77	90	NNW	2	ENE(?)	0°5	7	5	—
19	30°204	*226	59°4	53°8	50°0	65°4	*388	*391	77	94	SW	1	NW	0°5	10	8	*030
20	*203	*203	62°3	55°3	45°8	69°1	*426	*384	77	88	SW	2	SSE	3	4	5	*034
21	*194	*226	60°2	60°0	54°1	66°5	*514	*491	99	95	SW	1	SW	1	10	10	*116
22	30°137	30°047	60°3	58°8	58°1	66°6	*482	*451	93	91	SW	2	SSE	1	10	10	*150
23	29°926	29°750	60°5	58°1	57°0	64°2	*454	*466	87	96	S	3	W	1	10	10	*287
24	*814	29°751	60°3	60°0	55°3	68°5	*464	*498	89	96	N	1	SE	2	6	8	*116
25	29°527	—	62°4	57°0	57°1	69°4	*523	*381	93	82	SW	2	SW	2	10	1	*025
26	—	29°929	60°0	54°9	53°7	68°9	*456	*339	89	80	SW	5	SW	2	2	9	—
27	30°083	30°125	59°1	55°9	51°2	62°3	*409	*416	82	93	SW	2	SSW	1	9	10	—
28	30°054	29°952	58°1	55°8	53°1	65°9	*403	*400	83	90	S	2	Calm	0	10	3	—
29	29°928	30°005	58°7	54°2	51°3	64°1	*409	*335	83	80	NW	2	WSW	2	10	10	—
30	29°935	*005	58°6	53°3	52°6	63°4	*430	*346	88	85	WSW	2	WSW	2	10	3	*049
31	30°123	30°142	57°0	58°5	48°1	65°0	*381	*446	82	92	WNW	1	SE	2	10	10	*036
Means	*20.987	29°985	60°4	57°4	52°2	67°2	.443	*429	84°7	90°7	1°8		1°1	8°1	7°5	3°100	

☐ 9p.

☐ during past night.

☐ during past night.

☐ Noon. ☐<sup>2</sup> ☐ before 9a.

☐ 539p.

Upperclouds from W.N.W.inafternoon.

Upper clouds from W.S.W. a.m.

Upper clouds from W. a.m.

\* 30 days only



BIRR CASTLE, PARSONSTOWN.

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

AUGUST 1875.

Day.	Barometer.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.			
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.					
1	ins.	ins.	54°	57°	43°	69°	in.	in.	81°	86°	NNE	0°	5	Calm	0	ins.			
2	30° 270	30° 241	54°	57°	43°	69°	348	399	81	86	SSW	0°	5	WSW	0°	7	10	—	
3	246	207	60°	59°	50°	67°	380	422	73	85	NW	0°	5	NW	0°	5	10	—	
4	169	205	58°	58°	55°	67°	411	433	84	89	ENE	0°	5	NW	0°	5	7	—	
5	226	208	57°	50°	57°	72°	427	417	91	81	Calm	0	5	Calm	0	10	0	—	
6	205	195	56°	54°	50°	71°	422	347	94	82	Calm	0	5	N	0°	5	7	10	—
7	148	121	60°	60°	50°	66°	385	426	73	83	ENE	0°	5	E	0°	5	10	9	—
8	078	30° 067	60°	57°	56°	65°	418	429	80	90	SW	0°	5	NE	0°	5	7	9	331
9	30° 021	29° 936	67°	58°	55°	73°	468	413	69	85	NNE	0°	5	Calm	0	10	10	9	675
10	29° 772	683	58°	56°	56°	61°	465	436	96	96	SSE	0°	5	NE	1	9	9	0°	040
11	613	740	62°	59°	53°	69°	462	429	82	85	E	1	5	SE	0°	5	10	9	—
12	740	824	61°	63°	56°	72°	431	474	79	82	SW	0°	5	Calm	0	9	1	0°	072
13	739	720	65°	60°	—	70°	510	504	82	96	NNW	0°	5	SSW	0°	5	9	9	042
14	796	29° 859	62°	60°	59°	71°	501	482	89	93	NNE	0°	5	S	0°	5	10	9	074
15	978	30° 011	63°	60°	56°	77°	468	483	80	91	NW	0°	5	SSE	2-3	2	10	0°	066
16	30° 068	29° 995	65°	61°	56°	70°	499	485	81	88	NW	0°	5	NW	0°	5	10	10	1046
17	29° 828	776	64°	59°	59°	68°	501	484	82	97	NE	0°	5	SW	0°	5	8	8	135
18	29° 808	29° 846	65°	58°	57°	70°	507	421	82	87	Calm	0	5	NNW	0°	5	6	8	—
19	30° 007	30° 107	60°	55°	52°	68°	449	387	85	83	SSE	0°	5	Calm	0	4	0	—	—
20	223	272	59°	51°	45°	68°	1368	356	72	93	SW	0°	5	Calm	0	8	7	—	—
21	272	293	61°	54°	47°	67°	404	382	75	90	SW	0°	5	WSW	1-2	10	10	—	—
22	278	312	59°	60°	52°	66°	419	453	82	88	SW	0°	5	Calm	0	9	9	—	—
23	30° 221	30° 135	63°	57°	55°	68°	403	414	70	89	SSW	1-3	5	NE	0°	5	9	10	400
24	29° 996	29° 788	62°	61°	53°	66°	416	511	75	95	SW	0°	5	SE	0°	5	9	10	052
25	837	802	62°	60°	58°	66°	480	466	85	89	SW	3-4	5	SW	1-2	8	10	0°	033
26	652	29° 754	64°	58°	57°	66°	460	381	77	79	SW	3-4	5	SW	1	9	0	—	—
27	806	30° 017	62°	54°	54°	68°	399	353	72	83	WNW	1	5	Calm	0	10	10	—	—
28	147	175	59°	57°	50°	62°	364	408	73	88	Calm	0	5	SSW	0°	5	6	7	—
29	079	000	60°	54°	50°	66°	387	398	75	92	W	0°	5	W	0°	5	8	10	—
30	969	065	59°	54°	50°	66°	430	356	85	85	SSW	3-4	5	WSW	1°	5	10	10	024
31	30° 049	044	58°	59°	52°	67°	392	407	80	82	Calm	0	5	SSE	1	5	10	10	078
31	30° 150	30° 194	60°	59°	55°	64°	444	476	86	94									
Means	30° 013	30° 021	61°	58°	55°	67°	433	426	80°	87°	0°	8		0°	6	8°	8°	3°	068

\* 30 days only.

## HAWES.

Height above Mean Sea Level, 800 feet. Long.  $2^{\circ} 11' W.$  Lat.  $54^{\circ} 18' N.$

SEPTEMBER 1875.

1	30°243	30°195	57°0	59°1	37°8	68°7	*338	*454	72	91	Calm	o	Calm	o	5	10	°060	$P^2$ ga.
2	30°128	29°948	59°0	58°5	57°9	66°0	*467	*465	94	95	SSW	1	SSW	2	10	9	1°090	$P^2$ in aft. Morning obsns. at ga. [Evening do. at 10.30p.
3	29°768	29°981	57°0	55°2	52°9	60°0	*415	*345	89	85	WSW	3	Wb.N	2	10	10	°070	
4	30°034	30°075	55°0	55°6	52°0	59°1	*349	*373	81	84	Wb.S	2	WSW	2	10	10	—	
5	*204	*307	58°2	56°6	55°6	66°5	*384	*410	79	89	WNW	1	Calm	o	9	10	—	$P^2$ 9p.
6	*306	30°230	59°4	58°0	55°9	64°4	*428	*447	85	92	WSW	1	Calm	o	10	10	—	$P^2$ ga. and 9p.
7	30°083	29°927	65°1	63°5	54°3	70°9	*425	*421	70	73	Calm	o	SSE	2	1	1	—	$P^2$ ga. $P^2$ 9p.
8	29°938	*850	62°0	55°4	55°3	64°8	*427	*427	77	97	Sh.E	1	sh.E-sw 1	1	9	10	1°350	$P^2$ ga. $P^2$ 9p.
9	*799	29°934	56°7	45°3	45°2	64°4	*319	*281	70	93	W	1	Calm	o	2	0	—	8.30p. $P^2$ 9p.
10	29°981	30°105	60°0	30°0	37°4	65°4	*360	*345	69	96	Calm	o	Nw-sw	1	0	4	—	$P^2$ ga. $P^2$ 9p.
11	30°242	*397	59°9	46°2	38°7	72°0	*356	*287	69	93	Calm	o	Calm	o	0	0	—	$P^2$ ga. and 9p.
12	*415	*430	57°0	50°0	39°1	71°0	*360	*309	77	87	Calm	o	Eb.N	1	0	0	—	$P^2$ ga. and 9p.
13	*373	*399	62°0	49°5	39°4	68°8	*364	*313	66	89	Calm	o	ESE	1	0	0	—	$P^2$ ga. $P^2$ 9p.
14	*380	*369	57°0	54°2	45°8	66°6	*374	*379	80	91	Eb.S	1	E	2	6	10	—	$P^2$ ga. and 9p.
15	*338	*306	57°9	55°0	51°2	63°2	*370	*409	78	94	E	1	Eb.S	1	9	10	—	$P^2$ ga.
16	*238	*218	58°9	51°9	51°2	65°5	*389	*336	79	87	Eb.N	2	ESE	3	4	9	°070	
17	*163	*163	56°0	55°4	51°1	70°0	*413	*427	92	97	ESE	1	ESE	1	10	7	°040	$P^2$ 7.30p. $P^2$ 9p.
18	*197	*200	53°9	52°0	46°9	60°0	*416	*356	100	92	Calm	o	Eb.S	1	10	10	°020	$P^2$ ga. [after part of day.
19	30°122	30°015	58°2	53°1	49°1	66°6	*401	*399	82	98	ESE	1	Calm	o	5	1	°160	$P^2$ ga. S. to W. at 7.30p. Meteors 1.15a-2.30a. Meteors to SW. 9p.
20	29°921	29°932	57°4	52°0	51°7	64°2	*421	*366	89	94	WSW	1	SW	1	10	6	°250	$P^2$ 4.30p. and 9p.
21	*898	29°852	58°2	52°0	51°5	68°7	*421	*385	87	99	Calm	o	E	1	10	10	°100	Scotch $P^2$ 9p.
22	29°842	30°121	50°2	47°0	46°9	53°5	*320	*253	91	79	E	2	Eb.S	2	10	6	—	$P^2$ ga. Earthquake 10p. for 3 [seconds.
23	30°192	30°219	47°8	46°0	38°9	52°1	*288	*262	87	85	Eb.S	1	E	2	10	10	°170	
24	30°168	29°987	48°7	49°9	44°7	51°6	*218	*213	93	88	Eb.S	2	Eb.S	4	10	10	°080	$P^2$ 8p.
25	29°753	*930	58°0	50°2	49°1	60°4	*437	*320	91	91	SSW	2	Calm	o	10	3	°380	Meteors to SE 7.30p.
26	*694	*317	54°8	57°0	48°6	59°0	*377	*374	88	80	SSW	2	S	3	9	9	°370	
27	*278	*594	50°0	47°9	45°3	58°0	*292	*276	81	84	Wb.S	11?	WSW	4	1	9	°850	$P^2$ 1.30a.-8a. $\Delta^2$ $P^2$ in aft. [ $P^2$ 9p.
28	*518	*644	50°7	44°9	44°8	53°1	*284	*251	77	85	Wb.S	4	Wb.N	3	2	0	°030	
29	*727	*719	49°9	48°6	40°6	54°7	*305	*290	86	88	Wb.S	1	W	3	9	9	°030	
30	29°992	29°985	49°9	48°0	43°0	58°7	*266	*306	75	98	W-NW	2	WSW	1	0	4	°010	$P^2$ ga. $P^2$ 9p.
Means	30°031	30°045	56°2	52°2	47°4	62°9	*350	*353	81°8	89°8	1°5		1°7	6°7	6°3	5°130		

CALCETHORPE.

Height above Mean Sea Level, 379 feet. Long.  $0^{\circ} 7' W.$  Lat.  $53^{\circ} 23' N.$

SEPTEMBER 1875.

Day.	Barometer.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.		
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.			9 a.m.	
1	ins.	ins.	30° 236	55° 8	52° 6	45° 1	66° 9	in.	in.	%	%	W	1	SE	1	ins.	D before ga.	
2	30° 260	30° 236	55° 8	52° 6	45° 1	66° 9	335	356	75	90	W	1	SE	1	3	0		
3	30° 166	006	62° 0	61° 6	51° 9	66° 6	480	507	87	93	S	2	S	4	9	7	° 097	
4	29° 870	017	57° 8	52° 8	52° 6	63° 3	421	348	87	86	SW	4	SW	1	10	0	° 354	
5	30° 557	119	58° 6	55° 7	50° 7	63° 4	388	357	79	81	W	2	W	3	8	4	—	
6	30° 201	303	61° 5	56° 5	54° 4	68° 4	447	421	83	92	W	2	Calm	0	9	2	—	
7	333	30° 262	59° 5	56° 1	47° 4	71° 2	441	391	87	87	Calm	0	Calm	0	9	1	—	
8	30° 156	29° 999	62° 0	61° 0	54° 7	71° 6	453	402	82	76	S	1	SSE	4	1	3	—	
9	29° 971	782	60° 6	60° 1	53° 6	64° 9	469	470	89	91	SSW	1	ESE	1	10	2	° 047	
10	835	29° 948	57° 6	53° 4	51° 6	65° 3	378	299	80	73	SSW	2	SSW	1	2	1	—	
11	29° 988	30° 051	56° 2	53° 9	48° 8	60° 8	378	401	84	97	E	1	NE	1	10	10	° 099	
12	30° 219	346	59° 6	52° 9	50° 6	63° 8	393	381	77	95	NNE	1	ENE	1	1	1	—	
13	394	374	57° 1	56° 6	52° 7	62° 4	389	437	84	95	NE	2	NE	2	7	10	—	
14	340	332	61° 1	55° 1	54° 7	65° 1	401	431	76	99	NE	2	ENE	2	0	10	° 028	
15	329	314	58° 9	54° 9	54° 8	63° 0	441	404	90	94	ENE	3	ENE	1	9	1	—	
16	291	257	58° 2	55° 1	53° 6	64° 5	467	422	96	97	NE	1	ENE	2	10	1	—	
17	196	171	60° 7	54° 9	54° 7	63° 6	434	396	83	92	ENE	3	E	1	5	0	—	
18	127	129	60° 9	57° 3	54° 0	68° 2	472	457	89	97	SE	1	NE	1	7	8	° 040	
19	151	30° 147	59° 5	56° 2	51° 9	66° 1	509	446	100	99	NE	1	NE	1	2	0	3	—
20	30° 074	29° 961	64° 8	63° 9	55° 7	70° 5	470	489	77	83	E	3	S	3	3	8	—	
21	29° 932	018	62° 0	58° 2	58° 2	68° 3	473	444	86	91	SW	2	SW	1	7	9	° 100	
22	027	29° 832	56° 1	57° 0	50° 5	63° 6	441	453	98	97	SSW	1	SE	1	10	10	° 600	
23	29° 720	30° 064	55° 6	51° 6	51° 6	57° 1	427	289	97	76	N	2	NE	2	10	9	° 095	
24	30° 212	220	53° 7	50° 9	43° 4	55° 8	284	295	69	80	ENE	1	E	1	9	10	° 193	
25	30° 312	30° 039	51° 8	52° 4	49° 4	56° 3	340	321	88	82	SE	3	ESE	5	10	7	° 115	
26	29° 834	29° 979	56° 8	50° 7	50° 7	65° 7	456	297	98	81	S	3	SW	1	10	3	° 015	
27	825	465	55° 6	56° 3	46° 2	62° 0	393	409	88	90	SSW	6	S	5	9	7	° 015	
28	522	602	53° 8	47° 2	47° 2	59° 1	270	286	65	89	WSW	7	SW	2	6	0	° 052	
29	571	627	54° 6	46° 1	46° 1	58° 0	346	269	81	87	SW	4	WSW	2	10	0	° 054	
30	752	29° 714	49° 9	50° 8	41° 4	55° 8	302	301	85	81	WSW	2	W	3	5	3	° 013	
30	29° 964	30° 016	50° 6	47° 7	46° 4	58° 5	271	306	74	93	NW	3	WSW	1	1	1	° 018	
Means	30° 048	30° 046	57° 8	54° 7	50° 8	63° 7	406	383	84° 5	88° 8	2° 2		1° 8		7° 0	4° 4	1° 935	

BUXTON.

Height above Mean Sea Level, 987 feet. Long.  $1^{\circ} 54'$  W. Lat.  $53^{\circ} 14'$  N.

SEPTEMBER 1875.

1	30°254	30°205	59°8	59°6	42°5	66°9	*374	*456	73	89	NW 2	W 2	7	10	—
2	30°148	*070	59°3	60°6	56°8	62°9	*451	*462	90	88	WSW 2	WNW 6	10	10	*880
3	29°827	*041	56°8	54°8	51°0	60°7	*441	*362	95	84	W 5	WNW 2	4	10	*250
4	30°147	*135	51°9	56°4	51°2	60°9	*378	*356	98	78	NW 2	NW 4	6	4	*800
5	*196	*206	57°1	57°8	53°0	65°0	*439	*437	93	91	NW 1	Calm 0	10	1	—
6	30°215	30°232	60°0	60°3	50°8	68°3	*434	*467	84	90	SW 1	Calm 0	8	5	—
7	29°995	29°955	63°2	59°8	52°5	70°6	*447	*439	78	86	SSE 1	Calm 0	2	0	—
8	*952	*808	56°7	55°4	49°7	60°9	*425	*424	93	96	Calm 0	NE 4	10	10	1220
9	*841	29°933	56°3	47°7	46°1	63°1	*318	*311	71	94	WNW 2	Calm 0	2	10	—
10	29°972	30°099	60°2	49°4	38°7	64°9	*374	*308	72	88	SE 3	NW 1	3	2	—
11	30°236	*362	59°6	46°3	41°0	66°3	*431	*297	85	95	Calm 0	Calm 0	0	0	—
12	*471	*365	60°3	53°1	39°5	65°4	*358	*370	69	91	E 4	E 2	0	4	—
13	*325	*405	58°0	56°2	52°0	67°9	*389	*419	81	93	E 3	E 3	4	10	—
14	*338	*302	55°4	55°1	52°0	65°5	*360	*384	83	88	SE 3	SE 3	7	9	—
15	*278	*233	55°6	53°1	51°0	61°7	*378	*375	85	93	SE 4	SE 2	9	2	—
16	*187	*152	59°3	52°7	50°6	65°9	*373	*365	75	92	SE 3	SE 2	3	2	*120
17	*116	*136	57°3	56°6	49°5	67°1	*361	*437	76	95	SE 2	Calm 0	7	5	—
18	*162	30°142	56°9	55°7	48°2	63°9	*439	*377	95	85	Calm 0	SE 4	10	4	—
19	30°047	29°972	60°8	60°3	52°0	70°4	*461	*473	87	91	ESE 3	NW 2	6	8	*300
20	29°941	*953	60°8	51°9	51°2	64°4	*410	*367	78	95	W 3	Calm 0	4	3	*150
21	*937	29°832	56°7	56°4	42°0	61°2	*421	*439	91	96	WNW 2	SW 1	9	7	*410
22	29°775	30°028	53°1	49°9	49°0	57°4	*399	*285	98	80	E 2	NE 1	10	10	*015
23	30°195	*179	48°1	46°9	42°0	50°1	*261	*223	77	70	ESE 3	ESE 2	10	10	*900
24	30°142	30°016	48°9	50°9	46°0	59°7	*339	*352	98	95	SE 7	NW 2	10	10	—
25	29°867	29°916	59°1	49°9	49°9	60°4	*475	*360	95	100	SW 6	SW 6	10	10	*662
26	*808	*305	55°4	57°8	50°9	59°4	*385	*386	89	82	SW 5	W 8	10	10	*035
27	*504	*656	52°9	49°4	49°4	57°8	*287	*290	72	83	W 8	W 6	10	5	*540
28	*601	*627	51°9	46°9	43°0	53°7	*344	*274	89	86	WNW 8	W 1	10	10	*380
29	29°733	*802	50°5	46°4	43°1	54°6	*313	*292	86	93	WNW 4	NW 2	4	10	*260
30	30°020	29°920	51°4	46°7	42°1	54°7	*305	*299	81	94	NNW 2	Calm 0	3	2	*200
Means	30°041	30°033	56°4	53°5	47°8	62°4	*386	*370	84°6	89°4	3°0	2°2	6°8	6°4	7°122

38974.

38974.

[F]



## OSCOTT.

Height above Mean Sea Level, 460 feet. Long. 1° 51' W. Lat. 52° 33' N.  
SEPTEMBER 1875.

Day.	Barometer.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	
1	ins.	ins.	56.6	61.0	45.9	69.1	.373	.503	81	94	NW 1	SW 1-2	9	10	ins.	
2	30.266	30.235	56.6	61.0	45.9	69.1	.373	.503	81	94	NW 1	SW 1-2	9	10	ins.	
3	30.156	30.156	56.6	61.0	45.9	69.1	.373	.503	81	94	NW 1	SW 1-2	9	10	ins.	
4	30.283	30.283	56.6	61.0	45.9	69.1	.373	.503	81	94	NW 1	SW 1-2	9	10	ins.	
5	30.102	30.102	56.6	61.0	45.9	69.1	.373	.503	81	94	NW 1	SW 1-2	9	10	ins.	
6	30.248	30.248	56.6	61.0	45.9	69.1	.373	.503	81	94	NW 1	SW 1-2	9	10	ins.	
7	30.232	30.232	56.6	61.0	45.9	69.1	.373	.503	81	94	NW 1	SW 1-2	9	10	ins.	
8	30.101	30.101	56.6	61.0	45.9	69.1	.373	.503	81	94	NW 1	SW 1-2	9	10	ins.	
9	30.053	30.053	56.6	61.0	45.9	69.1	.373	.503	81	94	NW 1	SW 1-2	9	10	ins.	
10	30.072	30.072	56.6	61.0	45.9	69.1	.373	.503	81	94	NW 1	SW 1-2	9	10	ins.	
11	30.060	30.060	56.6	61.0	45.9	69.1	.373	.503	81	94	NW 1	SW 1-2	9	10	ins.	
12	30.219	30.219	56.6	61.0	45.9	69.1	.373	.503	81	94	NW 1	SW 1-2	9	10	ins.	
13	30.330	30.330	56.6	61.0	45.9	69.1	.373	.503	81	94	NW 1	SW 1-2	9	10	ins.	
14	30.310	30.310	56.6	61.0	45.9	69.1	.373	.503	81	94	NW 1	SW 1-2	9	10	ins.	
15	30.300	30.300	56.6	61.0	45.9	69.1	.373	.503	81	94	NW 1	SW 1-2	9	10	ins.	
16	30.242	30.242	56.6	61.0	45.9	69.1	.373	.503	81	94	NW 1	SW 1-2	9	10	ins.	
17	30.143	30.143	56.6	61.0	45.9	69.1	.373	.503	81	94	NW 1	SW 1-2	9	10	ins.	
18	30.092	30.092	56.6	61.0	45.9	69.1	.373	.503	81	94	NW 1	SW 1-2	9	10	ins.	
19	30.111	30.111	56.6	61.0	45.9	69.1	.373	.503	81	94	NW 1	SW 1-2	9	10	ins.	
20	30.008	30.008	56.6	61.0	45.9	69.1	.373	.503	81	94	NW 1	SW 1-2	9	10	ins.	
21	30.065	30.065	56.6	61.0	45.9	69.1	.373	.503	81	94	NW 1	SW 1-2	9	10	ins.	
22	30.091	30.091	56.6	61.0	45.9	69.1	.373	.503	81	94	NW 1	SW 1-2	9	10	ins.	
23	30.022	30.022	56.6	61.0	45.9	69.1	.373	.503	81	94	NW 1	SW 1-2	9	10	ins.	
24	30.154	30.154	56.6	61.0	45.9	69.1	.373	.503	81	94	NW 1	SW 1-2	9	10	ins.	
25	30.098	30.098	56.6	61.0	45.9	69.1	.373	.503	81	94	NW 1	SW 1-2	9	10	ins.	
26	30.074	30.074	56.6	61.0	45.9	69.1	.373	.503	81	94	NW 1	SW 1-2	9	10	ins.	
27	30.074	30.074	56.6	61.0	45.9	69.1	.373	.503	81	94	NW 1	SW 1-2	9	10	ins.	
28	30.040	30.040	56.6	61.0	45.9	69.1	.373	.503	81	94	NW 1	SW 1-2	9	10	ins.	
29	30.084	30.084	56.6	61.0	45.9	69.1	.373	.503	81	94	NW 1	SW 1-2	9	10	ins.	
30	30.033	30.033	56.6	61.0	45.9	69.1	.373	.503	81	94	NW 1	SW 1-2	9	10	ins.	
Means	30.038	30.038	56.6	61.0	45.9	69.1	.373	.503	81	94	NW 1	SW 1-2	9	10	ins.	

\* 29 days.

## CARMARTHEN.

Height above Mean Sea Level, 188 ft. Long. 4° 18' W. Lat. 51° 52' N.  
SEPTEMBER 1875.

Day.	Barometer.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	
1	30.237	30.173	59.6	61.1	55.8	64.4	.511	.539	100	100	Calm	SW 1	10	9	ins.	
2	30.111	30.111	59.6	61.1	55.8	64.4	.511	.539	100	100	SW 2	SW 4	10	10	1.850	
3	30.093	30.093	59.6	61.1	55.8	64.4	.511	.539	100	100	SW 3	SW 1	4	6	—	
4	30.131	30.131	59.6	61.1	55.8	64.4	.511	.539	100	100	SW 1	Calm	9	10	—	
5	30.258	30.258	59.6	61.1	55.8	64.4	.511	.539	100	100	NW 1	Calm	10	0	—	
6	30.272	30.272	59.6	61.1	55.8	64.4	.511	.539	100	100	Calm	Calm	5	0	—	
7	30.010	30.010	59.6	61.1	55.8	64.4	.511	.539	100	100	E 1	SW 1	0	10	.040	
8	30.085	30.085	59.6	61.1	55.8	64.4	.511	.539	100	100	W 1	W 1	10	8	.140	
9	30.085	30.085	59.6	61.1	55.8	64.4	.511	.539	100	100	SE 1	Calm	0	4	.580	
10	30.090	30.090	59.6	61.1	55.8	64.4	.511	.539	100	100	E 1	Calm	0	3	—	
11	30.204	30.204	59.6	61.1	55.8	64.4	.511	.539	100	100	Calm	N 1	0	0	—	
12	30.204	30.204	59.6	61.1	55.8	64.4	.511	.539	100	100	E 2	Calm	0	1	—	
13	30.194	30.194	59.6	61.1	55.8	64.4	.511	.539	100	100	E 2	E 2	0	0	—	
14	30.221	30.221	59.6	61.1	55.8	64.4	.511	.539	100	100	E 2	NE 2	1	2	—	
15	30.152	30.152	59.6	61.1	55.8	64.4	.511	.539	100	100	E 3	Calm	0	0	—	
16	30.050	30.050	59.6	61.1	55.8	64.4	.511	.539	100	100	E 2	NE 1	0	10	.070	
17	30.022	30.022	59.6	61.1	55.8	64.4	.511	.539	100	100	E 1	SE 1	5	9	.520	
18	30.098	30.098	59.6	61.1	55.8	64.4	.511	.539	100	100	E 1	E 1	10	10	.100	
19	30.033	30.033	59.6	61.1	55.8	64.4	.511	.539	100	100	E 1	S 1	10	7	.050	
20	30.033	30.033	59.6	61.1	55.8	64.4	.511	.539	100	100	SW 1	Calm	0	8	—	
21	30.084	30.084	59.6	61.1	55.8	64.4	.511	.539	100	100	SE 1	SE 1	10	10	.720	
22	30.084	30.084	59.6	61.1	55.8	64.4	.511	.539	100	100	E 2	E 2	10	10	.510	
23	30.008	30.008	59.6	61.1	55.8	64.4	.511	.539	100	100	E 2	E 1	10	10	.280	
24	30.084	30.084	59.6	61.1	55.8	64.4	.511	.539	100	100	NW 3	SE 3	10	10	.150	
25	30.084	30.084	59.6	61.1	55.8	64.4	.511	.539	100	100	SW 5	Calm	0	6	—	
26	30.084	30.084	59.6	61.1	55.8	64.4	.511	.539	100	100	NW 4	SW 7	10	10	.140	
27	30.084	30.084	59.6	61.1	55.8	64.4	.511	.539	100	100	W 3	W 4	9	8	.390	
28	30.084	30.084	59.6	61.1	55.8	64.4	.511	.539	100	100	Calm	Calm	0	8	.280	
29	30.084	30.084	59.6	61.1	55.8	64.4	.511	.539	100	100	Calm	NW 3	10	3	.020	
30	30.097	30.097	59.6	61.1	55.8	64.4	.511	.539	100	100	NW 1	Calm	0	5	.180	
Means	30.097	30.097	59.6	61.1	55.8	64.4	.511	.539	100	100	1.6	1.3	6.3	6.2	6.170	

\* 28 days.

## STRATHFIELD TURGISS.

Height above Mean Sea Level, 196 feet. Long. 1° 0' W. Lat. 51° 20' N.  
SEPTEMBER 1875.

Day.	Barometer.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain-fall.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	
1	ins.	ins.	62° 2	61° 1	41° 4	71° 2	.396	.483	71	90	NW 1	W 1-2	10	10	ins.	D p.
2	30° 295	30° 266	62° 2	61° 1	41° 4	71° 2	.396	.483	71	90	NW 1	W 1-2	10	10	—	
3	30° 234	30° 234	62° 5	60° 0	58° 5	71° 7	.485	.437	84	85	SW 0-1	S 1	10	6	—	
4	30° 020	30° 107	62° 5	56° 1	56° 1	69° 4	.487	.388	86	86	S 1-2	NW 1	10	0	126	○ mid-day. ☼ 9p. ☼ 9a and before.
5	30° 134	30° 196	63° 4	55° 5	48° 0	68° 4	.393	.374	87	85	NW 1	NW 1	3	8	—	
6	30° 267	30° 316	61° 3	53° 5	44° 7	71° 3	.427	.370	80	91	N 1	N 0-1	9	0	—	
7	30° 332	30° 256	65° 7	52° 4	45° 6	73° 4	.496	.379	79	96	SE 0-1	Calm 0	0	0	—	○ mid-day. ☼ 9p. ☼ 9a and before.
8	30° 144	30° 009	67° 9	60° 0	44° 9	75° 7	.479	.453	70	88	SE 1	S 0-1	0	0	—	
9	29° 931	29° 773	64° 1	62° 7	50° 3	76° 6	.537	.503	90	89	Calm 0	SE 1	10	10	—	
10	29° 942	29° 946	58° 5	52° 4	49° 0	69° 3	.362	.353	75	89	W 1	SW 1	0	0	012	Fine meteor due N. 8.30p.
11	29° 055	30° 035	55° 0	49° 1	40° 6	68° 6	.375	.333	87	96	NE 0-1	Calm 0	0	10	—	
12	30° 179	30° 205	49° 5	56° 5	40° 0	70° 1	.309	.443	89	97	Calm 0	SE 0-1	10	0	—	
13	30° 329	30° 287	59° 7	57° 6	50° 0	71° 0	.461	.461	91	97	E 1	E 1	10	0	—	☼ 9a. ☼ 9a. ☼ 2 in afternoon. ☼ 9a.
14	30° 264	30° 225	58° 4	62° 2	56° 5	76° 1	.457	.462	94	83	E 1-2	E 1	10	0	—	
15	30° 218	30° 196	64° 7	56° 3	56° 3	72° 0	.459	.394	75	87	NE 1	NE 0-1	5	0	—	
16	30° 174	30° 146	63° 3	53° 4	53° 0	70° 3	.456	.364	79	89	NE 2	E 1	8	0	—	☼ 9a. ☼ 9a. ☼ 2 in afternoon. ☼ 9a.
17	30° 093	30° 088	62° 0	55° 3	42° 4	73° 9	.431	.355	78	81	NE 1	E 1	0	0	—	
18	30° 091	30° 090	63° 9	56° 7	47° 3	77° 5	.505	.454	86	99	E 1	Calm 0	9	1	—	
19	30° 072	30° 030	62° 7	62° 0	51° 0	81° 4	.545	.503	96	91	Calm 0	SE 1	10	1	—	☼ 9a. ☼ 9a. ☼ 2 in afternoon. ☼ 9a.
20	30° 001	30° 010	65° 9	59° 4	54° 0	78° 5	.512	.492	81	98	E 0-1	S 1	10	10	450	
21	30° 014	29° 976	63° 7	56° 7	52° 6	70° 6	.494	.444	85	96	W 1	SW 1	4	5	135	
22	29° 956	29° 823	59° 2	59° 0	55° 5	65° 2	.483	.467	97	94	E 1	SE 1	10	10	524	☼ 9a. ☼ 9a. ☼ 2 in afternoon. ☼ 9a.
23	29° 725	29° 952	63° 8	60° 4	60° 0	72° 4	.533	.511	90	98	W 1	NE 1	10	10	064	
24	30° 123	30° 124	54° 1	53° 5	52° 2	61° 2	.470	.404	98	99	E 0-1	E 0-1	10	10	264	
25	30° 116	29° 980	55° 6	58° 6	51° 6	60° 7	.396	.451	80	92	E 1	SE 1	10	10	024	☼ 9a. ☼ 9a. ☼ 2 in afternoon. ☼ 9a.
26	29° 877	30° 056	62° 7	52° 2	51° 9	68° 5	.529	.369	93	95	SW 1	NW 0-1	10	0	—	
27	30° 940	29° 588	59° 5	63° 0	49° 5	67° 4	.461	.505	91	88	S 1	S 1-2	10	10	035	
28	30° 722	30° 880	56° 9	51° 1	48° 7	63° 5	.353	.329	76	87	W 1	NW 1	4	0	056	☼ 9a. ☼ 9a. ☼ 2 in afternoon. ☼ 9a.
29	30° 771	30° 750	56° 3	52° 0	50° 3	61° 4	.415	.382	91	99	W 1-2	W 1	10	2	254	
30	29° 876	29° 997	56° 1	52° 4	44° 2	63° 6	.334	.325	75	83	W 1	NW 1	0	0	—	
30	30° 038	30° 090	56° 0	49° 4	47° 2	63° 4	.338	.338	75	96	NW 1-2	W 1	1	10	013	☼ 9a. ☼ 9a. ☼ 2 in afternoon. ☼ 9a.
Means	30° 061	30° 052	60° 6	56° 3	49° 8	70° 1	.444	.418	83° 9	91° 5	0° 9	0° 8	6° 8	4° 1	1° 957	



## MARKREE CASTLE.

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

SEPTEMBER 1875.

Day.	Barometer.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain-fall.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.		
1	ins.	ins.	59.7	58.1	56.2	60.9	ins.	ins.	91	88	NNW 0.5	Calm 0	10	9	ins.	
2	29.792	29.805	64.5	60.0	57.1	71.4	59.0	48.8	98	95	SSW 4	SSE 2	10	10	1.46	
3	29.847	30.031	58.3	54.2	49.9	63.4	39.1	37.2	81	89	WNW 3	SW 1	6	9	0.06	
4	30.034	114	58.1	57.8	53.2	61.4	38.5	46.1	80	95	W 1	WSW 1	10	10	0.08	
5	229	232	59.0	58.4	57.1	68.0	45.7	44.4	92	91	WSW 1	SSE 2	10	10	—	
6	30.180	30.055	59.5	57.1	54.1	66.4	40.3	40.7	80	87	SSE 3	S 2	10	10	—	
7	29.875	29.812	63.3	55.9	53.4	66.4	44.5	41.3	77	93	SSE 4	NW(?) 1	6	10	0.36	Double 6.20p.
8	29.897	29.843	57.9	47.5	47.2	65.0	37.8	30.6	79	94	SSE 2	Calm 0	1	0	0.09	9p.
9	29.775	29.770	52.9	52.1	37.7	62.2	35.7	37.3	89	96	SE 0.5	Calm 0	3	9	0.03	9p. 2 during past night.
10	29.900	30.082	49.6	44.6	43.4	59.4	34.1	28.3	97	96	SSE 2	SE 0.5	10	1	0.15	9p. 2 in past night. 2p.
11	30.209	322	53.9	49.8	37.9	67.4	39.3	32.4	95	91	ESE 2	Calm 0	8	1	0.03	9p. 2 in past night. radius about 25°.
12	369	368	59.0	50.6	38.2	69.9	40.4	33.8	81	92	NW 2	Calm 0	0	0	0.03	9p. 2 before 9a. 9p.
13	330	329	60.5	56.4	40.6	74.2	42.7	38.5	82	86	N 1	E 1	0	0	—	9p. 2 in past night.
14	318	295	65.0	56.8	50.0	74.4	41.5	38.4	87	83	NE 1	Calm 0	1	9	—	9p. 2 before 9a. 9p.
15	285	220	59.0	53.2	50.9	66.3	39.4	37.4	79	93	E 3	E 1	4	10	—	
16	172	074	57.9	55.4	53.3	64.4	39.7	37.2	83	86	E 3	NE 2	10	1	0.10	
17	065	066	58.0	58.9	52.5	65.8	42.4	46.2	88	94	ENE 1	Calm 0	10	10	0.04	
18	30.125	30.030	59.0	58.8	54.1	65.4	46.1	46.7	93	94	E 1	ENE 2	10	10	0.20	9a.
19	29.963	29.918	59.7	60.0	57.0	66.9	43.5	49.5	86	96	E 5	E 1	9	10	0.08	
20	289	838	60.1	57.1	56.7	70.4	47.1	43.0	91	91	SE 2	Calm 0	9	2	—	
21	289	681	57.3	59.2	53.7	67.4	43.9	44.3	93	89	E 2	E 4	6	10	0.35	
22	299	077	55.1	54.0	53.3	60.4	39.4	35.8	91	85	ENE 2	E 3	10	10	0.20	
23	237	790	53.1	58.0	52.8	58.9	39.0	46.1	96	95	E 2	SE 6	10	10	0.17	
24	733	449	61.0	62.3	57.8	63.5	51.2	52.2	96	93	SE 5	SSE 5	10	10	0.41	9a and p.
25	717	738	53.6	52.8	52.4	63.0	31.8	34.5	77	86	WSW 2	SSE 3	9	10	0.18	
26	370	326	56.2	50.6	47.7	59.7	41.8	28.6	93	77	SSW 2	NNW 4	10	10	0.90	
27	584	590	52.8	53.9	47.3	57.4	32.0	37.0	80	91	W 4	SW 1	6	10	0.12	in past night.
28	666	771	53.3	46.9	46.4	56.6	32.4	29.3	79	92	WSW 2	Calm 0	9	2	0.09	in past night. Double 9a.
29	29.844	29.900	54.8	53.1	40.5	59.9	33.0	32.1	77	79	NW 4	NW 4	10	0	0.01	in past night and during day.
30	30.035	29.795	52.8	52.6	43.7	61.8	34.5	38.3	86	97	Calm 0	SSE 2	3	10	0.04	in past night.
Means	29.964	29.944	57.5	54.9	49.9	64.9	40.7	39.3	85.9	90.5	2.2	1.6	7.3	7.1	3.615	

## BIRR CASTLE, PARSONSTOWN.

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

SEPTEMBER 1875.

1	30.184	30.087	61.5	62.5	58.3	71.1	59.5	51.3	93	91	Calm 0	S 1	10	9	'171	in after part of day. '460 before ga.
2	29.883	29.871	65.2	62.4	58.9	68.8	58.4	53.6	94	95	SSW 1	Calm 0	10	10	'022	
3	29.909	30.089	58.1	56.2	56.0	66.2	40.3	38.8	83	86	SSW 3	W 1-2	8	10	'022	
4	30.099	186	58.7	58.5	53.8	64.5	40.4	41.4	82	85	W 2	WSW 0.5	9	10	—	before ga. 9p.
5	265	281	60.1	60.0	57.5	64.3	47.4	47.2	91	92	SW 0.5	Calm 0	10	10	—	
6	30.226	30.110	57.5	58.6	51.2	65.1	42.2	42.2	89	86	SSE 0.5	SSW 0.5	10	10	—	
7	29.930	29.858	62.0	57.5	57.3	69.5	47.2	45.8	85	97	SE 0.5	SSW 0.5	8	9	'241	before ga. 9p.
8	937	807	53.7	48.3	48.3	62.8	38.4	32.2	93	95	Calm 0	Calm 0	5	0	—	
9	762	29.778	55.0	47.0	42.9	57.8	34.9	31.0	81	97	Calm 0	SE 0.5	9	0	'373	
10	29.932	30.102	47.0	50.0	37.6	63.8	31.5	34.2	98	95	Calm 0	Calm 0	10	0	—	before ga. 9p.
11	30.230	341	58.7	52.0	40.0	69.2	40.1	35.1	82	90	SSE 0.5	Calm 0	6	0	—	
12	376	358	57.9	56.0	50.1	71.3	40.3	37.8	84	84	E 0.5	N 0.5	0	0	—	
13	294	269	60.5	57.5	45.2	72.8	39.7	37.2	76	79	SE 1	E 1-3	0	0	—	ga. ga.
14	297	271	58.5	57.6	57.3	71.9	44.4	41.2	91	86	E 0.5	NE 1	10	9	—	
15	242	198	60.4	57.0	56.9	66.0	41.8	42.0	80	90	SE 0.5	ENE 0.5	3	10	—	
16	133	048	60.0	55.5	53.5	65.7	39.5	40.0	76	91	SE 0.5	ENE 1	2	9	—	ga.
17	028	30.052	61.2	60.6	54.7	67.4	46.7	47.6	87	90	SSE 0.5	SSE 1	6	9	'090	
18	30.067	29.966	58.6	59.1	56.3	62.7	47.3	46.6	96	93	E 1	ESE 3-4	10	10	'451	
19	29.923	025	58.7	59.8	57.7	66.3	47.2	47.6	96	93	SE 1	SE 1	10	3	'590	ga.
20	874	864	62.2	56.6	56.7	68.9	45.7	42.0	82	91	E 1	SSE 0.5	4	1	—	
21	783	631	61.6	58.7	52.7	63.7	45.0	47.2	82	96	SE 1	ESE 1	9	10	'470	
22	734	944	59.0	56.5	56.1	60.0	47.7	42.7	96	94	SSE 0.5	SE 1-3	10	10	'586	before ga.
23	907	827	57.0	61.3	55.8	64.0	43.1	50.1	92	93	SE 0.5	SE 3	10	10	'081	
24	754	518	65.1	62.2	60.9	66.2	52.9	51.7	86	93	SSE 1-2	SSE 3-4	9	9	'445	
25	796	797	57.6	53.6	53.6	63.5	35.3	38.0	75	93	SW 1	SSE 1-2	4	10	'390	before ga.
26	425	397	61.6	48.5	48.1	62.4	48.8	31.1	89	92	SW 1	WSW 2-3	10	10	1.540	
27	674	688	50.6	54.0	47.2	56.8	32.2	38.0	88	91	W 2-4	WSW 3	6	10	'382	
28	728	29.815	53.7	49.5	49.5	58.3	38.4	33.6	93	96	SW 1	Calm 0	8	0	'116	before ga.
29	29.885	30.058	55.6	50.7	45.0	60.5	34.7	31.6	78	86	W 0.5	WNW 0.5	4	0	—	
30	30.088	29.865	53.6	53.5	55.9	59.4	36.9	39.8	90	98	SSW 0.5	SE 1	4	10	'140	
Means	29.979	29.970	58.4	56.0	52.5	65.0	42.6	41.3	86.9	91.3	0.8	1.1	7.1	6.6	6.548	

## HAWES.

Height above Mean Sea Level, 800 feet. Long. 2° 11' W. Lat. 54° 18' N.

OCTOBER 1875.

Day.	Barometer.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.		
1	ins.	ins.	57.2	51.9	47.8	63.0	ins.	ins.	86	87	WSW 1	WSW 2	10	10	ins.	
2	29.797	29.694	50.9	43.7	41.7	53.1	28.6	24.7	77	86	W 2	Wb.S 2	2	0	0.160	
3	.662	.703	48.9	51.5	42.4	52.5	30.1	32.8	88	87	WSW 2	WSW 2	10	10	.180	
4	.733	.474	51.7	58.0	48.0	60.2	.355	.454	92	94	Wb.S 3	SW 3	10	9	.270	Scotch 9p.
5	.583	.709	53.7	48.5	48.3	58.2	.339	.255	82	75	W 5	WSW 4	10	1	.040	in past night.
6	29.764	29.927	48.7	49.6	46.4	51.0	.273	.281	80	80	W 5	WSW 4	5	2	.040	in past night.
7	30.196	30.225	52.0	52.4	49.0	54.7	.340	.356	87	90	W 6	SW 3	7	10	.120	in past night.
8	.125	30.238	51.9	49.9	49.4	55.0	.339	.288	88	81	SSW 2	S 2	10	8	—	
9	30.050	29.808	43.2	42.9	41.6	50.4	.250	.243	89	88	NW 1	NW 1	10	10	.080	
10	29.719	.754	44.7	44.8	35.5	49.5	.227	.273	77	92	WSW 1	S 3	2	10	.530	9a.
11	.807	.428	44.0	39.5	35.3	49.8	.252	.224	87	93	WSW 2	Wb.N 1	10	8	.010	
12	.177	.256	39.7	39.9	30.3	47.8	.227	19.0	93	94	Calm 0	Calm 0	8	10	—	in past night.
13	.331	.396	34.8	36.0	25.8	49.4	.184	.204	91	96	Calm 0	Calm 0	9	2	—	in past night. 9a.
14	.338	.399	39.8	44.5	32.4	47.4	.229	.275	94	94	WSW 1	E-N 2	10	10	.450	
15	.425	.592	45.2	42.2	42.0		.262	.247	88	92	E-N 2	Calm 0	10	9	.020	
16	.704	.765	45.0	45.7	41.7		.264	.297	89	97	NW 1	Calm 0	10	10	.060	
17	.720	.754	44.9	43.7	41.5	50.3	.272	.269	92	94	ESE-SW 1	ESE 1	10	10	.040	9a. and 9p.
18	.814	.913	43.0	40.1	44.8		.239	.266	94	99	ESE 3	Eb.S 3	10	10	.550	
19	.923	.903	42.0	43.3	42.0	43.5	.248	.278	90	100	Eb.S 3	E 3	10	10	.580	
20	.882	.844	41.0	42.1	40.1	44.8	.230	.266	94	99	ESE 3	E 3	10	10	1.020	
21	.701	.502	42.7	43.3	42.0	43.5	.248	.278	90	100	Eb.S 3	E 3	10	10	.580	
22	.518	.474	47.1	48.1	43.3	54.9	.322	.304	99	91	SE 1	SE 2	8	10	.210	9a.
23	.529	.522	46.9	45.0	44.0	50.3	.293	.295	92	98	ESE 1	ESE 1	10	10	.590	9a.
24	29.526	29.813	48.8	46.2	45.1	50.0	.335	.308	97	99	E 1	E 2	10	10	.290	
25	30.062	30.202	45.9	38.8	37.7	49.4	.265	.219	86	94	Eb.S 1	Calm 0	1	9	—	
26	.220	30.181	37.3	34.9	32.4	51.9	.211	.200	95	99	Calm 0	Calm 0	9	0	—	in morning. 9a.
27	30.067	29.954	44.2	42.0	33.5	46.0	.241	.217	83	82	S-E-N 1	ESE 2	10	9	—	all day. 9p.
28	29.855	29.905	42.3	39.4	39.0	43.3	.225	.214	84	89	ESE 3	Eb.N 3	10	6	—	
29	30.033	30.118	41.3	40.0	38.0	44.3	.230	.237	89	96	ESR-ENE 1	E 2	6	10	.060	
30	.174	30.124	41.3	39.7	39.1	44.3	.238	.230	92	94	ESE 2	E 1	10	10	.050	
31	30.044	29.985	39.6	38.2	38.0	41.0	.204	.210	84	92	ESE 3	E 2	10	10	.040	
32	29.959	29.974	37.5	39.0	36.1	39.2	.220	.221	99	94	Eb.N 1	E 1	10	10	.060	
Means	29.788	29.793	45.3	43.9	40.3	49.7	.271	.266	89.0	91.8	1.9	1.9	8.6	8.2	5.650	



## BUXTON.

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

OCTOBER 1875.

Day.	Barometer.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	
1	ins.	ins.	55°	55°	44°	59°	in.	in.	90	90	W 1	W 2	10	10	ins.	
2	29°827	29°809	55°	55°	44°	59°	430	384	90	90	W 1	W 2	10	10	ins.	
3	29°827	29°809	55°	55°	44°	59°	430	384	90	90	W 1	W 2	10	10	ins.	
4	29°827	29°809	55°	55°	44°	59°	430	384	90	90	W 1	W 2	10	10	ins.	
5	29°827	29°809	55°	55°	44°	59°	430	384	90	90	W 1	W 2	10	10	ins.	
6	29°827	29°809	55°	55°	44°	59°	430	384	90	90	W 1	W 2	10	10	ins.	
7	29°827	29°809	55°	55°	44°	59°	430	384	90	90	W 1	W 2	10	10	ins.	
8	29°827	29°809	55°	55°	44°	59°	430	384	90	90	W 1	W 2	10	10	ins.	
9	29°827	29°809	55°	55°	44°	59°	430	384	90	90	W 1	W 2	10	10	ins.	
10	29°827	29°809	55°	55°	44°	59°	430	384	90	90	W 1	W 2	10	10	ins.	
11	29°827	29°809	55°	55°	44°	59°	430	384	90	90	W 1	W 2	10	10	ins.	
12	29°827	29°809	55°	55°	44°	59°	430	384	90	90	W 1	W 2	10	10	ins.	
13	29°827	29°809	55°	55°	44°	59°	430	384	90	90	W 1	W 2	10	10	ins.	
14	29°827	29°809	55°	55°	44°	59°	430	384	90	90	W 1	W 2	10	10	ins.	
15	29°827	29°809	55°	55°	44°	59°	430	384	90	90	W 1	W 2	10	10	ins.	
16	29°827	29°809	55°	55°	44°	59°	430	384	90	90	W 1	W 2	10	10	ins.	
17	29°827	29°809	55°	55°	44°	59°	430	384	90	90	W 1	W 2	10	10	ins.	
18	29°827	29°809	55°	55°	44°	59°	430	384	90	90	W 1	W 2	10	10	ins.	
19	29°827	29°809	55°	55°	44°	59°	430	384	90	90	W 1	W 2	10	10	ins.	
20	29°827	29°809	55°	55°	44°	59°	430	384	90	90	W 1	W 2	10	10	ins.	
21	29°827	29°809	55°	55°	44°	59°	430	384	90	90	W 1	W 2	10	10	ins.	
22	29°827	29°809	55°	55°	44°	59°	430	384	90	90	W 1	W 2	10	10	ins.	
23	29°827	29°809	55°	55°	44°	59°	430	384	90	90	W 1	W 2	10	10	ins.	
24	29°827	29°809	55°	55°	44°	59°	430	384	90	90	W 1	W 2	10	10	ins.	
25	29°827	29°809	55°	55°	44°	59°	430	384	90	90	W 1	W 2	10	10	ins.	
26	29°827	29°809	55°	55°	44°	59°	430	384	90	90	W 1	W 2	10	10	ins.	
27	29°827	29°809	55°	55°	44°	59°	430	384	90	90	W 1	W 2	10	10	ins.	
28	29°827	29°809	55°	55°	44°	59°	430	384	90	90	W 1	W 2	10	10	ins.	
29	29°827	29°809	55°	55°	44°	59°	430	384	90	90	W 1	W 2	10	10	ins.	
30	29°827	29°809	55°	55°	44°	59°	430	384	90	90	W 1	W 2	10	10	ins.	
31	29°827	29°809	55°	55°	44°	59°	430	384	90	90	W 1	W 2	10	10	ins.	
Means	29°748	29°760	45°	43°	38°	50°	276	258	90°	91°	2°	2°	8°	6°	6°	662

\* 30 days. † 29 days.

## OSCOTT.

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

OCTOBER 1875.

1	29°900	29°804	54°	56°	47°	61°	414	409	98	89	SSW 3	SSW 3	10	9	0°10	ga. 9p. 1.45p.
2	29°895	29°802	54°	56°	47°	61°	414	409	98	89	SSW 3	SSW 3	10	9	0°10	ga. 9p. 1.45p.
3	29°895	29°802	54°	56°	47°	61°	414	409	98	89	SSW 3	SSW 3	10	9	0°10	ga. 9p. 1.45p.
4	29°895	29°802	54°	56°	47°	61°	414	409	98	89	SSW 3	SSW 3	10	9	0°10	ga. 9p. 1.45p.
5	29°895	29°802	54°	56°	47°	61°	414	409	98	89	SSW 3	SSW 3	10	9	0°10	ga. 9p. 1.45p.
6	29°895	29°802	54°	56°	47°	61°	414	409	98	89	SSW 3	SSW 3	10	9	0°10	ga. 9p. 1.45p.
7	29°895	29°802	54°	56°	47°	61°	414	409	98	89	SSW 3	SSW 3	10	9	0°10	ga. 9p. 1.45p.
8	29°895	29°802	54°	56°	47°	61°	414	409	98	89	SSW 3	SSW 3	10	9	0°10	ga. 9p. 1.45p.
9	29°895	29°802	54°	56°	47°	61°	414	409	98	89	SSW 3	SSW 3	10	9	0°10	ga. 9p. 1.45p.
10	29°895	29°802	54°	56°	47°	61°	414	409	98	89	SSW 3	SSW 3	10	9	0°10	ga. 9p. 1.45p.
11	29°895	29°802	54°	56°	47°	61°	414	409	98	89	SSW 3	SSW 3	10	9	0°10	ga. 9p. 1.45p.
12	29°895	29°802	54°	56°	47°	61°	414	409	98	89	SSW 3	SSW 3	10	9	0°10	ga. 9p. 1.45p.
13	29°895	29°802	54°	56°	47°	61°	414	409	98	89	SSW 3	SSW 3	10	9	0°10	ga. 9p. 1.45p.
14	29°895	29°802	54°	56°	47°	61°	414	409	98	89	SSW 3	SSW 3	10	9	0°10	ga. 9p. 1.45p.
15	29°895	29°802	54°	56°	47°	61°	414	409	98	89	SSW 3	SSW 3	10	9	0°10	ga. 9p. 1.45p.
16	29°895	29°802	54°	56°	47°	61°	414	409	98	89	SSW 3	SSW 3	10	9	0°10	ga. 9p. 1.45p.
17	29°895	29°802	54°	56°	47°	61°	414	409	98	89	SSW 3	SSW 3	10	9	0°10	ga. 9p. 1.45p.
18	29°895	29°802	54°	56°	47°	61°	414	409	98	89	SSW 3	SSW 3	10	9	0°10	ga. 9p. 1.45p.
19	29°895	29°802	54°	56°	47°	61°	414	409	98	89	SSW 3	SSW 3	10	9	0°10	ga. 9p. 1.45p.
20	29°895	29°802	54°	56°	47°	61°	414	409	98	89	SSW 3	SSW 3	10	9	0°10	ga. 9p. 1.45p.
21	29°895	29°802	54°	56°	47°	61°	414	409	98	89	SSW 3	SSW 3	10	9	0°10	ga. 9p. 1.45p.
22	29°895	29°802	54°	56°	47°	61°	414	409	98	89	SSW 3	SSW 3	10	9	0°10	ga. 9p. 1.45p.
23	29°895	29°802	54°	56°	47°	61°	414	409	98	89	SSW 3	SSW 3	10	9	0°10	ga. 9p. 1.45p.
24	29°895	29°802	54°	56°	47°	61°	414	409	98	89	SSW 3	SSW 3	10	9	0°10	ga. 9p. 1.45p.
25	29°895	29°802	54°	56°	47°	61°	414	409	98	89	SSW 3	SSW 3	10	9	0°10	ga. 9p. 1.45p.
26	29°895	29°802	54°	56°	47°	61°	414	409	98	89	SSW 3	SSW 3	10	9	0°10	ga. 9p. 1.45p.
27	29°895	29°802	54°	56°	47°	61°	414	409	98	89	SSW 3	SSW 3	10	9	0°10	ga. 9p. 1.45p.
28	29°895	29°802	54°	56°	47°	61°	414	409	98	89	SSW 3	SSW 3	10	9	0°10	ga. 9p. 1.45p.
29	29°895	29°802	54°	56°	47°	61°	414	409	98	89	SSW 3	SSW 3	10	9	0°10	ga. 9p. 1.45p.
30	29°895	29°802	54°	56°	47°	61°	414	409	98	89	SSW 3	SSW 3	10	9	0°10	ga. 9p. 1.45p.
31	29°895	29°802	54°	56°	47°	61°	414	409	98	89	SSW 3	SSW 3	10	9	0°10	ga. 9p. 1.45p.
Means	29°783	29°784	47°	45°	41°	52°	296	285	90°	91°	2°	2°	7°	6°	6°	820

\* 30 days only.

## CARMARTHEN.

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

OCTOBER 1875.

Day.	Barometer.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	
1	ins.	ins.	58°	56°	53°	62°	in.	in.	97	95	SW 2	SW 2	10	10	ins.	< 7p.
2	29°894	29°796	58°	56°	53°	62°	477	433	97	95	NW 2	NW 1	10	0	290	
3	629	898	49°3	49°6	48°9	60°4	331	267	95	75	W 2	SW 3	10	7	160	
4	779	692	53°6	55°3	45°3	61°0	379	353	93	81	W 2	W 3	10	10	599	
5	766	902	59°6	57°0	53°3	63°1	472	457	92	95	W 2	W 2	10	10	040	
6	936	201	50°6	49°8	49°8	63°4	494	307	97	86	W 2	W 2	10	0	020	
7	3434	462	55°0	50°0	46°8	60°4	286	317	67	88	NW 2	Calm 0	0	4	020	
8	379	303	56°2	54°5	49°9	63°1	396	396	88	94	W 1	Calm 0	0	0	110	
9	3064	29772	53°0	53°0	50°4	57°2	382	321	95	79	SW 4	SW 4	10	8	220	
10	29725	852	48°4	44°7	43°2	56°4	290	255	86	86	NW 1	N 1	10	5	150	
11	892	451	48°6	54°0	34°9	54°9	271	397	79	95	SE 1	SW 5	3	10	780	
12	304	287	50°6	41°5	40°7	55°8	247	238	67	92	NW 3	NW 1	4	6	090	
13	356	339	49°8	39°5	36°3	55°1	284	230	80	95	NW 1	E 1	3	10	120	
14	175	315	49°3	43°8	39°5	53°6	296	238	85	83	NE 2	NE 2	8	10	—	< 7p.
15	410	464	44°9	49°4	34°2	54°3	238	254	80	72	Calm 0	NE 4	0	10	—	
16	596	681	50°3	45°9	34°9	55°9	272	263	75	86	NE 2	N 1	0	3	—	
17	724	650	42°9	49°4	32°0	55°5	234	288	84	83	Calm 0	S 1	0	9	300	
18	652	697	54°8	49°3	47°8	57°7	360	330	84	95	NE 1	Calm 0	5	7	110	
19	655	—	53°2	—	—	—	318	—	78	—	SE 3	—	10	10	440	
20	588	536	54°3	49°8	48°5	60°2	365	343	87	95	S 2	E 2	10	10	430	
21	444	387	51°3	48°8	48°5	54°2	357	319	95	93	E 2	E 1	10	10	090	
22	386	403	55°1	49°0	48°2	58°8	361	329	83	95	SE 2	S 1	9	10	1040	
23	338	354	49°7	57°7	46°4	57°8	344	416	97	87	SW 1	E 1	10	10	370	
24	385	29686	48°8	49°8	46°0	57°7	306	324	89	91	NE 1	NE 2	10	0	—	
25	29989	30110	52	6	46°4	44°3	57°6	306	273	77	87	E 1	Calm 0	0	9	—
26	30105	29931	48°6	49°1	43°9	55°0	254	287	74	83	SE 3	?	1	10	9	040
27	29916	717	47°6	45°1	45°0	51°0	245	272	74	90	SE 4	SE 2	10	10	320	
28	522	681	44°4	42°4	41°7	47°8	265	245	91	91	E 4	E 3	10	10	190	
29	878	953	43°1	43°9	42°2	45°9	267	271	96	95	E 1	E 1	10	10	050	
30	3039	936	46°9	44°1	37°2	49°3	309	240	97	82	E 1	E 3	9	10	—	
31	29844	809	43°7	42°4	37°0	49°4	231	229	80	85	E 2	E 2	9	10	080	
Means	29729	29736	50°5	*48°5	*43°7	*56°1	*319	**305	85°5	*88°1	1°8	*1°7	7°7	8°0	6°450	



## DARTMOOR.

Height above Mean Sea Level, 1,372 feet. Long. 3° 59' W. Lat. 50° 33' N.

OCTOBER 1875.

Day.	Barometer.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain-fall.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	
1	ins.	ins.	54.5	56.5	49.0	56.8	425	457	100	100	SW 3	SW 4	10	10	ins.	all day.
2	30.091	29.923	54.5	56.5	49.0	56.8	425	457	100	100	SW 3	SW 4	10	10	ins.	all day.
3	30.087	30.084	43.6	44.4	43.5	56.6	284	273	100	94	NW 5	Calm	10	3	ins.	all day.
4	30.030	29.873	47.6	51.5	42.2	53.4	330	367	100	96	SW 3	W 7	10	10	ins.	all day.
5	29.951	30.087	56.3	53.5	49.0	57.0	454	410	100	100	W 5	SW 4	10	10	ins.	all day.
6	30.125	30.355	56.5	46.6	46.0	56.8	457	270	100	86	SW 2	NW 4	10	2	ins.	all day.
7	58.1	59.7	51.1	43.8	43.0	58.6	297	276	79	97	NW 3	Calm	5	1	ins.	all day.
8	54.9	30.415	49.0	50.3	43.0	55.6	348	357	100	98	W 5	Calm	10	10	ins.	all day.
9	30.236	29.940	48.9	45.6	44.0	52.4	311	281	91	93	S 2	WSW 1	10	6	ins.	all day.
10	29.867	30.010	42.2	41.4	39.5	48.9	257	223	95	86	NW 2	NW 1	10	3	ins.	all day.
11	30.033	29.722	46.6	48.4	38.2	48.4	270	340	86	100	SW 1	SW 8	5	10	ins.	all day.
12	29.514	45.5	46.2	39.6	38.0	51.8	262	224	86	92	NW 3	Calm	6	7	ins.	all day.
13	50.5	53.5	40.0	38.6	36.0	46.6	222	222	90	95	NW 1	Calm	4	8	ins.	all day.
14	51.1	50.3	42.6	45.0	35.5	47.6	231	275	85	92	N 3	N 5	0	10	ins.	all day.
15	67.0	81.1	45.6	39.6	39.0	49.6	277	243	91	100	NE 5	Calm	4	0	ins.	all day.
16	82.9	80.5	46.0	46.0	37.0	50.6	273	301	89	97	W 1	S 4	6	7	ins.	all day.
17	78.9	81.0	42.8	44.6	42.8	52.6	252	290	92	98	E 1	Calm	5	10	ins.	all day.
18	72.9	67.8	48.9	49.5	43.4	51.1	348	355	100	100	E 7	Calm	10	10	ins.	all day.
19	70.5	61.9	52.0	51.1	49.0	57.8	369	375	95	100	SE 1	SE 2	9	10	ins.	all day.
20	57.2	50.5	50.9	49.5	48.8	60.6	374	356	100	100	Calm	SW 5	10	10	ins.	all day.
21	53.8	57.1	50.2	48.4	45.0	50.6	346	340	96	100	S 4	SW 4	10	10	ins.	all day.
22	42.8	47.9	46.6	42.0	41.8	52.0	318	258	100	97	W 2	Calm	10	10	ins.	all day.
23	29.478	29.769	48.0	44.4	39.2	48.4	264	278	79	94	NW 2	NW 2	6	0	ins.	all day.
24	30.071	30.251	45.8	37.6	37.0	49.0	208	215	97	96	NE 3	Calm	5	3	ins.	all day.
25	22.2	30.143	46.6	44.6	36.0	48.6	289	258	92	88	SE 4	SE 6	10	6	ins.	all day.
26	30.069	29.794	42.4	42.6	40.0	44.6	242	273	90	100	SE 8	S 7	10	10	ins.	all day.
27	29.631	29.673	45.6	40.8	40.0	49.6	306	255	100	100	SE 2	NE 5	10	10	ins.	all day.
28	29.974	30.040	41.0	41.8	39.0	47.4	257	265	100	100	NE 1	Calm	10	10	ins.	all day.
29	30.146	30.094	39.6	44.6	37.0	44.6	243	285	100	97	Calm	SE 8	10	10	ins.	all day.
30	29.935	29.893	43.6	43.2	42.0	45.0	284	279	100	100	SE 6	SE 5	10	10	ins.	all day.
31	29.896	29.895	45.0	46.0	42.5	46.6	299	311	100	100	SE 2	SE 2	10	10	ins.	all day.
Means	29.863	29.860	46.7	45.2	41.4	51.1	304	295	94.6	96.5	3.0	2.8	8.2	7.4	9.870	

## MARKREE CASTLE.

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

OCTOBER 1875.

1	29.751	29.651	55.1	45.9	45.5	58.4	354	293	82	95	S 1	SSW 0.5	8	1	0.078	all day.
2	66.9	75.9	52.1	46.9	39.3	59.4	317	291	81	91	SW 1	W 1	3	2	0.099	all day.
3	47.7	54.2	50.8	50.4	45.6	58.4	353	336	95	92	SSE 1	SW 1	10	10	0.159	all day.
4	62.6	29.626	58.7	58.0	49.7	61.5	472	461	96	95	WSW 1	SW 2	10	10	0.189	all day.
5	29.796	30.036	55.0	47.9	47.4	59.2	306	274	72	83	SW 2	WSW 3	7	1	0.032	all day.
6	30.315	29.777	51.1	53.3	45.8	58.2	281	329	75	80	WNW 4	WSW 4	2	10	—	all day.
7	30.255	30.118	56.5	52.4	52.2	62.6	368	366	81	93	W 2	SSE 3	10	1	—	all day.
8	29.716	29.732	55.5	43.1	42.3	56.4	352	260	80	93	S 6	SW 2	9	10	0.366	all day.
9	84.1	90.7	45.0	38.7	32.4	57.4	295	227	98	96	WNW 0.5	WSW 0.5	10	7	0.117	all day.
10	69.5	33.4	45.8	45.8	32.3	54.4	294	279	95	91	S 3	SW 1	10	7	0.210	all day.
11	21.7	27.6	45.1	38.5	38.3	52.4	254	229	85	98	WSW 2	W 0.5	10	10	0.816	all day.
12	36.5	26.0	41.4	41.2	36.8	53.4	254	242	98	94	WSW 0.5	Calm	0	9	0.009	all day.
13	29.9	42.3	41.1	33.6	30.8	55.5	258	188	100	97	Calm	Calm	0	5	0.008	all day.
14	58.0	68.1	49.3	48.8	27.9	57.2	298	314	85	91	N 2	E 2	1	10	—	all day.
15	73.8	75.1	46.1	47.1	39.7	52.5	295	311	95	96	Calm	Calm	0	10	0.035	all day.
16	66.0	53.1	48.0	47.4	44.8	52.8	307	298	92	91	SE 3	SE 4	10	10	0.208	all day.
17	64.6	73.1	47.1	43.1	39.3	54.4	279	263	86	94	SE 1	NE 1	1	9	0.014	all day.
18	66.5	59.0	52.5	50.1	40.2	54.4	357	333	91	89	E 2	E 4	10	10	0.439	all day.
19	56.6	58.1	51.1	51.4	49.0	57.4	349	338	93	89	E 4	E 4	10	10	—	all day.
20	45.8	34.6	52.8	47.3	47.1	55.6	343	295	85	91	E 1	E 1	9	7	—	all day.
21	18.6	27.3	52.9	51.1	46.6	57.6	349	346	87	92	SSE 4	SE 4	0	8	0.043	all day.
22	22.6	44.2	49.7	36.9	36.1	54.3	333	210	91	96	ESE 3	Calm	0	10	0.052	all day.
23	60.3	29.825	38.0	37.6	30.5	56.6	219	217	96	97	Calm	ESE 0.5	1	0	0.005	all day.
24	97.7	30.008	42.0	50.1	31.0	52.1	256	340	96	94	SSE 2	SE 3	10	9	—	all day.
25	91.4	29.762	50.3	50.9	47.3	55.2	317	322	88	86	ESE 4	SE 6	8	10	0.250	all day.
26	69.0	63.3	52.0	48.3	48.1	53.1	361	309	93	92	SE 3	SE 4	10	10	0.261	all day.
27	65.5	81.7	47.1	44.2	44.1	49.4	306	269	95	93	Calm	Calm	0	10	0.163	all day.
28	91.6	99.6	44.2	44.1	43.0	47.4	271	248	94	85	E 2	E 3	10	7	0.016	all day.
29	96.6	84.6	45.5	45.0	43.3	49.3	278	241	91	81	ESE 3	ESE 5	10	7	0.084	all day.
30	71.4	73.3	46.1	45.9	44.5	48.4	291	282	93	92	SE 6	ESE 4	10	10	0.014	all day.
31	29.754	29.744	46.7	47.1	45.4	49.7	288	299	91	93	E 4	ESE 3	10	10	0.056	all day.
Means	29.676	29.685	48.9	46.2	41.5	55.0	311	290	89.7	91.6	2.2	2.2	8.1	7.3	3.723	

## BIRR CASTLE, PARSONSTOWN.

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

OCTOBER 1875.

Day.	Barometer.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	
1	ins.	ins.	56.8	51.5	49.7	62.7	in.	in.	90	91	SE 0.5	WSW 1	10	10	ins.	before ga. before ga.
2	29.829	29.722	56.8	51.5	48.0	57.4	417	346	90	91	SE 0.5	SW 0.5	4	9	0.73	
3	74.8	86.0	51.0	48.0	43.6	57.4	316	309	84	93	SW 1	WSW 1	10	10	1.87	
4	58.0	63.6	50.2	52.8	46.8	59.3	354	351	98	87	SW 1	WNW 0.5	10	10	0.16	
5	71.2	29.754	59.1	59.4	52.2	66.7	473	446	94	89	W 0.5	SSW 2-3	SW 2-3	4	3	0.97
6	29.905	30.174	53.8	49.1	48.2	61.1	324	275	78	79	SSW 2-3	SW 0.5	1	10	0.53	
7	30.410	30.6	52.2	52.5	46.1	57.7	310	342	80	87	SW 0.5	SSE 0.5	10	2	0.14	
8	30.352	30.219	55.6	51.3	51.3	61.5	419	344	95	91	WSW 0.5	SSW 4	SSW 0.5	10	10	3.10
9	29.854	29.793	56.2	43.2	43.1	57.9	357	275	79	98	SSW 4	SW 0.5	0	0	—	
10	85.8	95.3	43.0	39.6	34.7	53.7	270	229	98	94	Calm	SW 0.5	0	0	—	
11	77.8	41.5	44.6	48.1	36.3	54.8	269	313	92	93	SE 0.5	WSW 0.5	10	3	0.14	
12	29.99	33.0	44.9	39.5	38.9	50.6	249	224	84	93	W 1	W 0.5	9	2	0.13	
13	39.8	29.4	44.1	43.0	35.9	52.4	249	244	85	88	SSW 0.5	SSE 0.5	0	10	—	
14	31.0	41.9	35.5	36.7	33.4	50.6	200	212	98	98	Calm	SE 0.5	10	8	—	
15	57.9	67.0	37.3	47.0	29.5	53.2	216	306	97	95	WNW 0.5	NE 0.5	4	10	0.01	
16	73.9	76.6	44.7	47.6	39.1	54.5	279	315	94	96	NW 0.5	Calm	0	10	0.15	
17	67.5	53.3	48.6	48.0	40.8	54.6	297	309	87	93	SSE 0.5	SE 1-2	9	10	1.75	
18	65.5	71.3	45.4	41.4	37.3	55.3	278	240	92	92	SE 0.5	SE 0.5	0	9	0.06	
19	61.2	52.4	50.2	50.3	34.9	54.6	345	338	96	93	E 0.5	E 1	10	10	2.59	
20	53.1	54.6	54.4	52.8	50.1	60.6	367	364	88	91	SSE 1	ESE 1-3	4	9	0.60	
21	43.5	31.0	54.0	51.2	50.1	59.0	360	345	86	92	SE 2-3	ESE 0.5	9	10	0.24	
22	21.9	30.7	54.0	49.4	49.2	59.3	363	335	87	95	SSE 1-2	SE 0.5	8	0	1.28	
23	25.5	41.3	49.0	43.6	42.2	54.6	291	248	84	87	SSE 0.5	ENE 0.5	2	9	—	
24	58.4	29.833	42.1	41.4	37.0	55.5	266	252	99	97	WNW 0.5	Calm	0	7	—	
25	98.8	30.021	43.2	52.0	36.0	54.0	275	351	98	90	Calm	SE 1-3	10	10	—	
26	94.6	29.813	53.2	52.4	49.2	56.1	344	356	85	90	SE 1-2	SE 3-4	10	10	5.81	
27	71.8	62.7	52.6	50.0	49.9	54.5	375	322	95	90	SSE 1-2	SE 2-3	10	10	2.19	
28	61.7	80.2	47.0	44.5	44.2	50.8	308	282	96	96	E 0.5	Calm	0	10	1.89	
29	90.1	98.5	44.9	45.7	42.9	48.0	292	286	99	94	SE 0.5	ESE 0.5	10	10	0.77	
30	97.2	82.7	48.2	47.0	44.9	50.6	307	259	92	81	SE 0.5	ESE 1-3	10	10	2.39	
31	71.7	70.9	50.0	48.5	47.0	52.0	326	308	91	91	SSE 2-3	SE 2-3	10	10	1.11	
Means	29.717	29.720	48.8	50.0	47.5	52.1	310	334	90	93	SE 1-3	SE 1-2	10	10	0.67	
	29.706	29.712	48.9	47.7	43.0	55.7	316	305	90.7	91.5	1.0	1.0	7.5	8.1	3.048	



## CALCETHORPE.

Height above Mean Sea Level, 379 feet. Long. 0° 7' W. Lat. 53° 23' N.  
NOVEMBER 1875.

Day.	Barometer.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.		
1	ins.	ins.	40°	38°	38°	40°	ins.	ins.	83	82	E 1	SE 1	10	10	ins.	
2	29°973	29°953	40°	38°	38°	40°	205	188	83	82	SE 2	SSE 4	10	10	086	
3	29°956	29°958	42°	44°	38°	44°	221	277	84	93	SE 2	S 3	10	10	017	ga. and before.
4	29°981	29°980	47°	47°	44°	49°	305	321	95	99	S 1	SSW 1	7	10	006	ga. and before.
5	29°985	29°986	47°	49°	46°	54°	331	345	100	99	S 1	SW 1	6	8	494	ga. and before.
6	29°994	29°993	47°	52°	44°	53°	334	381	100	97	N 1	W 1	10	10	538	ga. and before.
7	29°982	29°981	49°	45°	45°	53°	357	285	100	93	WSW 3	WSW 1	4	8	—	
8	29°988	29°987	41°	37°	37°	47°	196	204	77	90	WSW 3	W 3	10	10	015	
9	29°988	29°987	36°	33°	32°	41°	198	174	93	80	SW 1	SSE 4	2	10	635	ga. and before.
10	29°988	29°987	36°	33°	32°	41°	198	174	93	80	SW 1	SSE 4	2	10	635	ga. and before.
11	29°988	29°987	36°	33°	32°	41°	198	174	93	80	SW 1	SSE 4	2	10	635	ga. and before.
12	29°988	29°987	36°	33°	32°	41°	198	174	93	80	SW 1	SSE 4	2	10	635	ga. and before.
13	29°988	29°987	36°	33°	32°	41°	198	174	93	80	SW 1	SSE 4	2	10	635	ga. and before.
14	29°988	29°987	36°	33°	32°	41°	198	174	93	80	SW 1	SSE 4	2	10	635	ga. and before.
15	29°988	29°987	36°	33°	32°	41°	198	174	93	80	SW 1	SSE 4	2	10	635	ga. and before.
16	29°988	29°987	36°	33°	32°	41°	198	174	93	80	SW 1	SSE 4	2	10	635	ga. and before.
17	29°988	29°987	36°	33°	32°	41°	198	174	93	80	SW 1	SSE 4	2	10	635	ga. and before.
18	29°988	29°987	36°	33°	32°	41°	198	174	93	80	SW 1	SSE 4	2	10	635	ga. and before.
19	29°988	29°987	36°	33°	32°	41°	198	174	93	80	SW 1	SSE 4	2	10	635	ga. and before.
20	29°988	29°987	36°	33°	32°	41°	198	174	93	80	SW 1	SSE 4	2	10	635	ga. and before.
21	29°988	29°987	36°	33°	32°	41°	198	174	93	80	SW 1	SSE 4	2	10	635	ga. and before.
22	29°988	29°987	36°	33°	32°	41°	198	174	93	80	SW 1	SSE 4	2	10	635	ga. and before.
23	29°988	29°987	36°	33°	32°	41°	198	174	93	80	SW 1	SSE 4	2	10	635	ga. and before.
24	29°988	29°987	36°	33°	32°	41°	198	174	93	80	SW 1	SSE 4	2	10	635	ga. and before.
25	29°988	29°987	36°	33°	32°	41°	198	174	93	80	SW 1	SSE 4	2	10	635	ga. and before.
26	29°988	29°987	36°	33°	32°	41°	198	174	93	80	SW 1	SSE 4	2	10	635	ga. and before.
27	29°988	29°987	36°	33°	32°	41°	198	174	93	80	SW 1	SSE 4	2	10	635	ga. and before.
28	29°988	29°987	36°	33°	32°	41°	198	174	93	80	SW 1	SSE 4	2	10	635	ga. and before.
29	29°988	29°987	36°	33°	32°	41°	198	174	93	80	SW 1	SSE 4	2	10	635	ga. and before.
30	29°988	29°987	36°	33°	32°	41°	198	174	93	80	SW 1	SSE 4	2	10	635	ga. and before.
Means	29°988	29°987	36°	33°	32°	41°	198	174	93	80	SW 1	SSE 4	2	10	635	ga. and before.

## BUXTON.

Height above Mean Sea Level, 987 feet. Long. 1° 54' W. Lat. 53° 14' N.  
NOVEMBER 1875.

1	29°883	29°921	38°	37°	37°	41°	205	190	89	86	SE 1	E 2	8	10	—	
2	29°893	29°907	39°	37°	36°	43°	208	252	85	92	SSW 2	NE 1	8	10	550	before ga.
3	29°904	29°918	40°	38°	37°	44°	211	274	86	96	S 1	NW 1	10	10	070	till evening.
4	29°914	29°928	41°	39°	38°	45°	214	287	87	96	SW 2	SW 1	7	10	160	
5	29°924	29°938	42°	40°	39°	46°	217	300	88	99	SW 4	SW 4	10	10	700	
6	29°934	29°948	43°	41°	40°	47°	220	313	89	99	NW 3	SW 5	10	10	1040	
7	29°944	29°958	44°	42°	41°	48°	223	326	90	99	SW 3	SW 1	3	5	050	
8	29°954	29°968	45°	43°	42°	49°	226	339	91	99	NW 3	W 1	3	10	—	at intervals.
9	29°964	29°978	46°	44°	43°	50°	229	352	92	99	NW 3	W 1	3	10	—	during past night. * p. ▲
10	29°974	29°988	47°	45°	44°	51°	232	365	93	99	NW 3	W 1	3	10	—	during past night. * p. ▲
11	29°984	29°998	48°	46°	45°	52°	235	378	94	99	NW 3	W 1	3	10	—	in past night. * p. Thaw.
12	29°994	29°108	49°	47°	46°	53°	238	391	95	99	NW 3	W 1	3	10	—	in the evening. < ▲
13	29°104	29°118	50°	48°	47°	54°	241	404	96	99	NW 3	W 1	3	10	—	in past night. * p. <
14	29°114	29°128	51°	49°	48°	55°	244	417	97	99	NW 3	W 1	3	10	—	in past night. * p. <
15	29°124	29°138	52°	50°	49°	56°	247	430	98	99	NW 3	W 1	3	10	—	in past night. * p. <
16	29°134	29°148	53°	51°	50°	57°	250	443	99	99	NW 3	W 1	3	10	—	in past night. * p. <
17	29°144	29°158	54°	52°	51°	58°	253	456	99	99	NW 3	W 1	3	10	—	in past night. * p. <
18	29°154	29°168	55°	53°	52°	59°	256	469	99	99	NW 3	W 1	3	10	—	in past night. * p. <
19	29°164	29°178	56°	54°	53°	60°	259	482	99	99	NW 3	W 1	3	10	—	in past night. * p. <
20	29°174	29°188	57°	55°	54°	61°	262	495	99	99	NW 3	W 1	3	10	—	in past night. * p. <
21	29°184	29°198	58°	56°	55°	62°	265	508	99	99	NW 3	W 1	3	10	—	in past night. * p. <
22	29°194	29°208	59°	57°	56°	63°	268	521	99	99	NW 3	W 1	3	10	—	in past night. * p. <
23	29°204	29°218	60°	58°	57°	64°	271	534	99	99	NW 3	W 1	3	10	—	in past night. * p. <
24	29°214	29°228	61°	59°	58°	65°	274	547	99	99	NW 3	W 1	3	10	—	in past night. * p. <
25	29°224	29°238	62°	60°	59°	66°	277	560	99	99	NW 3	W 1	3	10	—	in past night. * p. <
26	29°234	29°248	63°	61°	60°	67°	280	573	99	99	NW 3	W 1	3	10	—	in past night. * p. <
27	29°244	29°258	64°	62°	61°	68°	283	586	99	99	NW 3	W 1	3	10	—	in past night. * p. <
28	29°254	29°268	65°	63°	62°	69°	286	599	99	99	NW 3	W 1	3	10	—	in past night. * p. <
29	29°264	29°278	66°	64°	63°	70°	289	612	99	99	NW 3	W 1	3	10	—	in past night. * p. <
30	29°274	29°288	67°	65°	64°	71°	292	625	99	99	NW 3	W 1	3	10	—	in past night. * p. <
Means	29°819	29°839	38°	38°	34°	43°	214	223	89°	91°	2°	2°	7°	8°	6°	575

\* 29 days.

## OSCOTT.

Height above Mean Sea Level, 460 feet. Long. 1° 51' W. Lat. 52° 33' N.  
NOVEMBER 1875.

Day.	Barometer.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.		
1	ins.	ins.	39°	40°	35°	45°	ins.	ins.	95	86	ENE 2	E 3	9	10	ins.	D 9a.
2	29°916	29°887	39°	40°	35°	45°	226	218	95	86	ENE 2	E 3	9	10	080	
3	29°866	29°885	41°	48°	48°	48°	237	337	90	100	SE 3	SSE 2-3	10	10	010	9p.
4	29°742	29°777	51°	52°	52°	54°	377	395	100	99	SSE 2-3	SSE 1-2	10	10	010	ga and in afternoon.
5	29°764	29°872	50°	47°	46°	59°	354	322	97	99	SSW-S 2	SW 0-1	9	3	—	ga and 9p.
6	29°825	29°803	48°	52°	46°	55°	331	375	96	94	SW 3	SW 2	10	0	580	ga.
7	29°149	29°230	48°	48°	47°	53°	325	281	94	85	W 2	WSW 5	9	10	070	
8	29°415	29°431	42°	40°	38°	50°	222	218	83	87	WSW 3	NW 0-1	2	10	040	
9	29°364	29°380	37°	34°	32°	46°	192	166	87	84	WNW 4	SW 1	0	0	—	
10	29°441	29°461	32°	30°	30°	43°	175	269	96	100	SE 1	SSE 1	10	10	870	[the afternoon.
11	29°782	29°806	41°	38°	36°	45°	255	227	99	99	NNW 3	ENE 1	9	10	320	ga. 2.15p and all
12	29°147	29°157	38°	36°	36°	44°	209	226	91	92	NNW 5	SW 6-7	10	10	—	9p.
13	29°814	29°848	39°	41°	35°	49°	220	239	91	92	W 2	N (?) 0-1	10	10	180	ga. 2.15p.
14	29°712	29°721	39°	40°	37°	48°	228	335	96	98	ENE 4	S 3	10	10	620	
15	29°020	29°051	44°	39°	38°	52°	277	210	93	86	S 2	NW 3-4	10	7	020	9p.
16	29°195	29°224	35°	37°	32°	47°	195	202	94	92	W 1	S 0-1	1	9	—	ga. 5p.
17	29°034	29°047	42°	44°	36°	46°	245	287	91	99	S 3	SW 2	9	0	180	
18	29°006	29°009	43°	53°	38°	54°	276	364	99	88	SW 3	SW 5	10	9	110	ga.
19	30°050	30°036	53°	50°	49°	58°	346	329	85	92	WSW 3	SSW 2-3	8	4	050	
20	29°577	29°923	49°	45°	44°	53°	288	245	82	82	W 8	NW 7	9	9	040	ga.
21	30°121	30°134	33°	32°	31°	46°	143	138	73	75	NNW 4	NW 5	0	0	—	
22	29°066	29°081	35°	36°	30°	42°	173	204	84	94	N 3	NNE 2	10	10	—	
23	29°262	29°267	36°	37°	33°	39°	198	202	91	92	NNE 2	NNE 2-3	10	10	010	
24	29°281	29°249	36°	38°	35°	39°	205	218	95	96	NNE 3	NNE 2	10	10	—	
25	29°264	29°201	36°	34°	34°	38°	207	184	96	92	NNE 2	NNW 1	10	10	040	0 at 2.30p. [1p. 9p.
26	29°120	29°088	33°	30°	28°	36°	184	164	94	96	NNE 1	NNE 2	9	10	—	0 in past night. 0 9.30a. & noon-
27	29°025	29°055	28°	33°	27°	34°	148	173	96	92	N 0-1	Calm 0	9	10	010	ga. 3p. 9p. in aft.
28	29°119	29°198	32°	35°	31°	36°	186	204	99	98	NNE 1	NNE 2-3	10	10	060	before 9a, turning to 0 abt. noon.
29	29°330	29°138	34°	34°	32°	35°	189	164	96	83	NNE 3	NNE 3	9	10	060	0 nearly all the aft.
30	29°104	29°060	33°	32°	32°	34°	163	174	83	95	NNE 2	NNE 3	10	1	040	0 9a, 10a, & noon. Meteor SSE-SW 9p.
30	29°092	29°065	31°	29°	29°	34°	172	131	96	77	NNE 1	NNE 2	10	10	010	0 6.45a-10a. 0 12.15p and 3p.
Means	29°810	29°841	39°	40°	36°	45°	232	240	92	91	2°6	2°5	8°4	7°7	3°400	



## STRATHFIELD TURGISS.

Height above Mean Sea Level, 196 feet. Long. 1° 0' W. Lat. 51° 20' N.  
NOVEMBER 1875.

Day.	Barometer.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	
1	ins.	ins.	41°	42°	30°	46°	ins.	ins.	95	85	NE 0-1	E 1	10	10	ins.	
2	29°897	29°894	41°5	42°8	30°1	46°6	248	231	95	85	SE 1-2	S 1	10	10	0°70	
3	29°880	29°829	45°3	52°1	41°5	52°2	246	375	82	96	SE 1	S 1	10	10	0°63	
4	29°793	29°845	54°0	54°3	52°1	55°1	412	413	99	98	SW 1	S 0-1	10	10	—	
5	29°852	29°915	52°9	48°3	45°0	59°1	396	331	99	98	Calm	W 0-1	10	9	0°454	
6	29°928	29°909	50°7	56°3	43°2	57°1	356	430	96	95	W 2-3	W 1-2	9	0	0°256	in morning.
7	29°214	29°282	53°4	49°1	42°4	57°5	343	308	84	89	W 1-2	W 1	4	10	0°423	
8	29°496	29°226	44°6	44°4	37°6	50°4	260	280	89	96	NW 1-2	N 1	0	0	—	
9	29°362	29°634	40°3	35°6	33°6	47°3	209	184	84	89	NE 0-1	SW 1	10	9	0°374	in morning.
10	29°458	29°187	33°5	50°2	29°4	52°4	189	336	99	93	NW 1-2	E 1	10	10	0°507	in evening.
11	29°710	29°034	46°9	44°5	44°0	54°6	304	284	95	97	NW 1-2	NW 1	10	10	—	in evening.
12	29°104	29°640	41°8	39°3	37°0	46°7	247	207	94	87	W 1-0	SE 1	4	4	0°353	in evening.
13	29°851	29°974	38°9	37°3	36°5	51°4	225	213	95	95	SE 1	SW 2-3	10	10	0°477	
14	29°670	29°413	43°9	53°6	35°4	57°1	271	397	95	97	W 2-3	NW 2-1	10	0	0°023	
15	29°060	29°839	47°4	44°4	30°8	57°0	262	280	81	96	Calm	0	0	0	—	
16	29°226	29°223	35°4	34°4	31°7	49°0	199	199	96	100	SE 1	SW 1	6	5	0°313	
17	29°104	29°914	44°7	48°3	31°5	52°4	254	327	86	97	SW 0-1	NW 1	10	10	0°076	
18	29°083	29°026	43°7	53°4	42°9	55°2	273	388	96	95	NW 1	W 1	8	10	0°008	
19	29°115	29°140	53°0	53°1	52°6	58°3	353	334	87	82	W 2-3	NW 2-3	9	10	—	
20	29°749	29°841	53°8	48°1	45°6	54°8	325	306	78	91	NW 1-2	N 1-3	2	10	—	
21	29°065	29°078	36°9	33°9	33°9	48°1	145	144	68	74	N 1-2	N 1	10	10	—	
22	29°000	29°115	36°6	37°9	33°6	43°4	180	189	84	83	N 1	N 1	10	10	—	
23	29°186	29°183	37°5	36°0	35°4	42°2	203	174	91	82	NE 1	NE 1	10	0	—	
24	29°232	29°197	37°7	38°8	36°0	44°1	216	211	96	90	NE 1	NE 1	7	10	—	
25	29°206	29°131	37°9	35°6	33°7	41°3	209	172	92	83	NE 1	NE 1	10	10	—	
26	29°073	29°049	35°0	26°5	23°3	38°9	163	111	79	79	NE 1	NE 1	10	0	—	
27	29°001	29°041	32°4	31°4	26°0	36°4	176	167	97	95	NE 1	N 1	10	10	—	
28	29°035	29°110	33°5	36°0	31°4	36°8	168	192	88	91	N 1	N 1	9	10	0°025	
29	29°153	29°119	34°0	33°7	33°0	36°0	189	162	97	84	NE 1	NE 1-2	10	10	—	
30	29°016	29°054	34°0	30°0	29°0	36°1	146	145	74	86	NE 1-2	NE 1	9	5	—	
Means	29°814	29°846	41°8	41°9	36°2	48°3	244	254	89°4	90°4	1°2	1°1	8°2	7°4	3°423	

## DARTMOOR.

Height above Mean Sea Level, 1,372 feet. Long. 3° 59' W. Lat. 50° 33' N.  
NOVEMBER 1875.

1	29°894	29°844	45°6	48°6	45°0	48°6	306	343	100	100	SE 2	SE 3	10	10	7°00	all day.
2	29°840	29°801	51°5	54°5	48°0	54°6	381	425	100	100	Calm	0	10	10	1°280	all day.
3	29°773	29°924	51°5	49°5	48°8	54°5	381	355	100	100	W 2	SW 4	10	10	2°10	all day.
4	29°951	29°006	50°0	48°6	48°0	52°6	361	343	100	100	W 2	W 3	10	9	0°010	morning and afternoon.
5	29°062	29°853	48°2	52°9	46°4	53°6	338	401	100	100	SW 4	W 5	10	10	1°400	morning and afternoon.
6	29°490	29°588	47°6	43°6	43°0	53°0	325	252	99	89	NW 8	NW 8	10	9	0°270	
7	29°689	29°192	43°4	46°0	38°0	48°0	238	311	84	100	NW 3	NW 3	9	10	0°910	9p. and before.
8	29°673	29°742	38°4	34°6	33°0	46°0	179	166	78	82	N 4	NW 1	4	4	0°010	
9	29°445	29°209	40°8	46°6	33°5	48°0	234	318	92	100	SE 3	SW 3	10	10	0°530	in past night.
10	29°112	29°868	42°4	43°6	41°8	49°0	258	279	95	98	SE 9	SE 9	10	10	1°030	before 9p.
11	29°377	29°780	38°6	37°6	34°0	47°0	226	186	97	83	NW 2	NW 3	8	4	0°050	1a.—3a.
12	29°986	29°994	42°0	40°6	35°6	44°6	249	231	94	92	NW 1	Calm	0	4	0°900	
13	29°679	29°426	51°5	51°3	39°0	52°8	381	378	100	100	S 1	S 10	10	10	1°890	9a and before 9p.
14	29°350	29°075	40°8	39°2	39°0	51°3	246	235	97	98	NW 10	NW 3	10	5	0°300	before 9a and in afternoon.
15	29°323	29°256	38°2	42°6	33°6	44°6	194	226	85	83	Calm	0	5	8	0°060	Lunar ☾. ☽. ☽. ☽. ☽.
16	29°082	29°040	45°4	42°0	40°6	49°2	304	258	100	97	SE 2	Calm	0	10	0°110	
17	29°186	29°225	44°6	49°5	41°2	50°6	295	355	100	100	W 4	SW 7	10	10	0°090	
18	29°310	29°251	49°2	48°0	47°4	49°6	334	299	96	90	NW 7	W 9	9	10	0°330	
19	29°020	29°081	48°0	44°2	43°4	49°6	319	255	96	88	W 9	NW 8	5	7	0°090	
20	29°260	29°286	36°4	29°6	29°0	44°2	163	112	76	69	N 2	N 1	7	0	—	
21	29°182	29°183	33°6	32°6	28°0	38°6	135	163	70	89	NE 4	NE 4	0	4	—	
22	29°334	29°293	33°2	34°0	31°5	36°6	173	168	91	85	NE 4	NE 3	10	8	—	
23	29°327	29°271	32°6	34°6	30°6	34°6	163	181	89	90	NE 5	NE 6	3	10	0°010	
24	29°261	29°301	35°0	31°6	30°8	37°6	199	178	98	100	NE 5	NE 5	5	5	—	
25	29°157	29°129	29°6	27°6	27°6	31°6	158	151	97	100	E 4	E 1	10	2	—	
26	29°126	29°136	26°6	22°6	22°5	32°6	145	121	100	100	E 1	Calm	0	6	0	—
27	29°173	29°209	26°4	29°8	22°0	31°5	129	159	92	96	NE 1	NE 5	3	10	—	
28	29°195	29°113	29°6	28°8	27°5	30°6	148	152	90	97	NE 6	NE 9	10	10	—	
29	29°104	29°029	27°6	29°6	26°0	31°6	138	158	92	97	NE 8	NE 8	10	10	—	
30	29°030	29°038	27°4	25°2	24°5	31°2	149	136	100	100	NE 6	NE 6	10	10	0°010	9p. Rain freezing on the ground.
Means	29°946	29°933	39°9	39°7	36°0	44°3	242	243	93°6	94°1	3°9	4°6	7°9	7°5	10°190	

## MARKREE CASTLE.

Height above Mean Sea Level, 131 feet. Long. 8° 27' W. Lat. 54° 11' N.  
NOVEMBER 1875.

Day.	Barometer.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain-fall.	Remarks.	
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.		
1	ins.	ins.	29° 50' 7"	47° 8'	46° 9'	51° 3'	ins.	ins.	95	98	ESE 3	SE 5	10	10	ins.		
2	29° 668	29° 507	47° 8'	50° 4'	46° 9'	51° 3'	317	358	95	98	SSE 2	SSE 3	10	10	0.441		
3	410	435	50° 3'	56° 4'	50° 3'	58° 6'	444	433	98	95	SSE 1	SSW 1	10	10	0.390		
4	421	562	54° 7'	51° 8'	51° 3'	57° 5'	410	361	96	93	SSE 1	SSW 1	10	10	0.335		
5	621	854	51° 6'	46° 2'	45° 3'	55° 8'	369	304	97	98	Calm	ENE 0.5	10	10	0.100		
6	592	440	50° 2'	51° 4'	46° 3'	59° 0'	439	345	98	91	SW 1	SW 2	10	9	0.617		
7	174	465	50° 8'	43° 1'	43° 0'	53° 1'	345	249	93	89	NW 3	NW 4	10	10	0.212		
8	456	386	43° 9'	37° 3'	33° 9'	46° 2'	221	199	77	90	NNW 2	Calm	0	10	7	135	
9	534	550	38° 7'	31° 9'	31° 3'	45° 3'	217	169	92	95	Calm	E 0.5	1	4	0.256	▲ 2 during past night.	
10	342	132	27° 7'	35° 2'	24° 9'	37° 9'	148	173	100	85	Calm	0	NNE 2	10	10	0.017	▲ 2 in past night. Sleet 2.50p. 3p.
11	146	107	36° 4'	26° 8'	25° 8'	47° 9'	194	146	90	100	Calm	0	NNE 1	1	3	0.035	☾ a. ☉ 9p.
12	299	577	36° 3'	39° 3'	22° 6'	46° 6'	204	225	95	94	SSW 3	SW 1	3	7	0.145	☾ p.	
13	892	915	40° 0'	39° 2'	35° 7'	50° 2'	233	218	94	91	Calm	0	Calm	0	8	—	☾ in past night. ▲ p.
14	553	29° 015	40° 4'	37° 6'	36° 3'	42° 4'	220	214	88	95	ENE 5	NE 3	10	10	—	▲ before 9a. ☼ 9a.	
15	29° 490	30° 017	44° 1'	37° 9'	37° 0'	50° 0'	231	204	79	90	NNW 6	Calm	0	9	6	0.556	☾ in past night. ☾ 3p. ☉ 6.30p.
16	30° 131	29° 888	29° 8'	43° 0'	27° 3'	43° 8'	157	245	96	88	Calm	0	SE 4	8	10	0.100	☾ a.
17	29° 575	680	48° 6'	43° 6'	42° 6'	53° 4'	310	259	91	91	S	3	SSW 1	10	0	0.100	
18	732	831	46° 1'	54° 4'	41° 6'	55° 2'	297	385	96	92	SSE 1	WSW 4	10	10	0.302	☾ during day.	
19	962	29° 725	53° 6'	55° 1'	53° 1'	56° 6'	361	407	88	93	SW 4	SW 4	7	10	0.339	☾ during day.	
20	29° 882	30° 280	49° 7'	41° 3'	41° 0'	55° 6'	294	198	83	77	NNW 7	N 2	9	7	—	☾ during past night.	
21	30° 362	358	40° 7'	38° 4'	36° 4'	44° 7'	200	169	79	74	N 3	N 2	7	6	—		
22	298	350	37° 3'	30° 4'	29° 3'	47° 4'	192	152	87	89	Calm	0	NNE 1	5	0	—	
23	390	392	27° 7'	34° 7'	23° 4'	44° 4'	146	174	96	86	Calm	0	Calm	0	9	0.004	☾ a.
24	392	342	36° 6'	31° 1'	30° 6'	43° 7'	188	155	87	89	Calm	0	Calm	0	10	0.001	☾ p.
25	284	215	37° 1'	37° 5'	29° 0'	44° 1'	203	177	92	79	NNE 1	ENE 3	9	10	—	☾ p.	
26	168	166	36° 8'	28° 4'	28° 3'	41° 5'	190	139	87	89	ENE 3	N 1	10	0	—	☾ p.	
27	139	113	27° 4'	26° 1'	23° 4'	45° 0'	140	125	94	88	Calm	0	NE 1	1	0	0.004	☾ a. ☾ 2 p.
28	193	220	33° 8'	23° 8'	23° 8'	41° 4'	166	190	86	89	ENE 2	E 3	0	9	0.003	☾ in past night.	
29	248	263	37° 1'	35° 1'	34° 4'	42° 6'	185	174	84	85	ENE 4	NE 1	4	5	—		
30	231	202	36° 2'	34° 5'	31° 7'	44° 1'	178	175	84	88	NE 2	Calm	0	6	10	—	
Means	29° 824	29° 836	41° 2'	39° 5'	35° 2'	48° 2'	245	229	90° 3'	89° 5'	1° 9'	1° 7'	7° 4'	6° 9'	4° 122	✱ 0 (for 15 minutes) p. ☾ p.	



## HAWES.

Height above Mean Sea Level, 800 feet. Long. 2° 11' W. Lat. 54° 18' N.

DECEMBER 1875.

Day.	Barometer.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	
1	ins.	ins.	31° 9	32° 2	31° 2	32° 7	159	160	88	88	ENE 3	NE 1	10	10	ins.	* (small) ga. * during day.
2	29° 984	29° 965	32° 5	32° 0	29° 8	33° 0	148	172	81	95	Nb.E 2	NE 1	10	10	050	* ga. * on hills, and * during day.
3	29° 927	29° 843	32° 6	31° 0	27° 1	33° 7	163	146	89	84	NNE 1	WSW 1	10	3	010	* in night and ga. * during day.
4	29° 935	30° 132	32° 0	29° 5	27° 9	33° 9	167	124	92	76	NE 1	NE 1	9	4	060	* ga. and before. * showers in day.
5	30° 192	239	27° 5	25° 2	21° 5	30° 2	135	088	85	65	Eb.N 1	Eb.N 1	10	2	210	* in night and ga. * during day.
6	348	489	29° 2	29° 3	25° 3	30° 1	136	127	84	78	ENE 1	ENE 2	10	10	010	* in night and at ga. * on hills.
7	525	503	31° 0	31° 3	28° 0	32° 4	107	146	62	84	NNE 1	NNW 1	9	10	—	* in night and at ga. * on hills.
8	526	477	29° 7	31° 9	29° 0	32° 4	127	175	77	97	NW 1	NW 1	10	9	010	* on hills during day.
9	475	442	32° 0	37° 0	27° 0	37° 5	158	187	87	85	WSW 1	Wb.N 1	1	8	010	* in past night, and during day.
10	330	180	37° 5	40° 0	32° 0	40° 0	189	211	85	86	Wb.N 1	WNW 2	10	10	130	
11	119	101	40° 9	41° 1	39° 4	42° 6	238	211	94	82	WNW 2	Wb.N 1	10	8	010	
12	083	121	41° 2	40° 2	40° 0	43° 0	218	228	85	92	W 2	Calm 0	10	10	—	
13	154	189	41° 0	38° 9	38° 1	42° 0	235	184	92	79	Wb.S 1	Wb.N 1	10	10	010	
14	150	129	33° 7	27° 2	27° 1	41° 2	160	122	82	84	SW 1	Calm 0	0	0	—	in valley. — gp.
15	152	126	20° 3	33° 1	18° 6	33° 1	085	182	78	97	Calm 0	SW 1	0	10	—	— gp. and during day. Scotch
16	30° 100	30° 059	34° 5	33° 1	31° 9	38° 7	191	186	96	99	Calm 0	Calm 0	10	2	—	ga. and before. [gp.
17	29° 966	29° 843	31° 6	41° 2	31° 2	41° 2	173	255	97	98	Calm 0	Calm 0	10	10	040	all day.
18	693	767	42° 0	39° 4	39° 2	44° 2	241	233	91	97	SSW 2	ESE 2	10	10	060	
19	486	456	43° 3	39° 2	37° 1	44° 0	254	206	91	86	SSW 2	SSW 2	10	2	380	
20	453	334	40° 1	43° 6	35° 4	49° 6	227	248	92	87	SSW 3	SW 4	10	1	490	ga. afternoon and evening.
21	724	427	39° 4	47° 2	37° 2	47° 7	212	301	88	93	WSW 4	SW 3	4	10	1700	in past night gp.
22	320	561	45° 7	41° 1	38° 0	51° 7	266	211	87	82	SW 4	SW 6	10	9	140	in past night and during day.
23	769	925	42° 2	43° 4	36° 8	43° 4	223	231	84	82	WSW 5	WSW 5	10	5	300	in evening. gp. 10p.
24	29° 829	29° 925	45° 7	41° 0	39° 0	47° 7	272	221	89	86	SW 6	WSW 6	10	9	550	ga. and showers during in past night. [gp.
25	30° 169	30° 364	40° 6	42° 9	38° 9	43° 0	219	254	87	92	Wb.S 4	Wb.S 3	3	10	010	
26	379	373	45° 1	44° 0	41° 7	46° 2	286	270	95	94	Wb.S 2	Wb.S 2	10	9	010	
27	397	372	41° 9	42° 0	39° 4	44° 8	257	231	97	87	SSW 1	SW 2	10	8	030	
28	458	365	40° 3	44° 4	40° 4	44° 4	239	278	96	95	Calm 0	SW 2	10	10	380	ga. Scotch during day.
29	286	263	44° 0	44° 8	43° 7	45° 0	284	271	98	92	WSW 3	WSW 3	10	10	100	Scotch during day.
30	30° 194	30° 138	44° 4	42° 7	42° 0	45° 0	269	238	92	86	WSW 3	SW 3	10	10	070	
31	29° 962	29° 739	40° 3	45° 5	40° 0	47° 2	214	278	86	93	SW 3	SW 4	10	10	280	Scotch 11a. gp.
Means	30° 071	30° 063	37° 2	37° 9	33° 9	40° 7	201	206	88° 0	87° 7	2° 0	2° 1	8° 6	7° 7	5° 660	

## CALCETHORPE.

Height above Mean Sea Level, 379 feet. Long. 0° 7' W. Lat. 53° 23' N.

DECEMBER 1875.

1	30° 006	29° 986	34° 7	33° 7	32° 9	34° 0	137	151	69	79	ENE 3	NE 4	9	10	031	Squalls * * p.
2	29° 889	29° 846	34° 1	33° 9	31° 9	34° 9	154	150	77	79	NE 2	NE 3	10	10	039	Squalls * * p.
3	878	29° 800	33° 9	30° 8	30° 8	35° 2	133	145	68	84	NE 1	WNW 1	9	2	023	
4	29° 804	30° 044	33° 8	30° 9	27° 0	34° 3	172	143	88	82	ENE 2	NE 2	9	4	188	* before ga. * p.
5	30° 093	122	29° 5	28° 6	25° 1	32° 2	114	108	71	69	NE 2	NE 1	9	7	242	* p
6	244	424	31° 5	31° 6	28° 2	33° 1	170	125	97	70	NE 4	ENE 2	10	10	033	* in past night. * ga. * p.
7	450	416	31° 6	32° 0	30° 6	34° 0	135	172	76	95	W 1	NNW 2	9	7	045	* p.
8	422	391	32° 3	32° 7	30° 7	33° 9	174	142	96	76	NW 2	NW 2	9	9	008	
9	405	388	31° 2	35° 0	28° 7	35° 9	172	186	98	91	NW 1	NW 1	7	10	025	* in past night. ∞ ga. ∞ gp.
10	204	139	34° 8	37° 2	34° 0	37° 7	174	212	86	95	WNW 1	W 1	10	10	007	∞ all day. ∞
11	087	062	40° 1	41° 9	36° 7	42° 4	227	246	92	93	WNW 1	NW 2	10	10	075	
12	042	102	40° 2	39° 1	37° 6	43° 4	220	223	89	93	NW 1	W 1	9	9	—	∞ ga. and gp.
13	178	220	40° 1	38° 2	38° 2	41° 2	204	213	82	92	W 1	WSW 1	10	10	—	∞ a. and p. ∞ mid-day.
14	194	143	32° 1	28° 3	28° 3	39° 7	168	148	93	97	Calm 0	SW 2	1	0	—	∞ ga. ∞ gp.
15	163	140	30° 2	32° 1	28° 1	32° 1	162	174	97	96	S 2	SW 2	10	10	—	all day, diminishing in evening.
16	30° 118	30° 064	34° 2	34° 9	31° 8	35° 9	191	186	97	92	SW 1	WSW 1	10	10	—	all day.
17	29° 982	29° 909	33° 7	39° 0	33° 7	39° 4	191	238	99	100	SW 1	SW 2	10	10	032	all day, rather lighter in afternoon.
18	810	813	39° 1	41° 1	38° 1	42° 2	237	253	99	98	S 4	S 3	10	10	003	ga. ∞ in aft. ∞ gp.
19	592	569	41° 4	38° 5	38° 5	44° 1	252	227	97	98	SSE 5	SW 1	10	0	057	ga. and before.
20	582	407	39° 2	49° 1	34° 2	49° 9	230	328	96	94	SSW 3	WSW 3	10	6	023	a. p.
21	790	616	39° 5	45° 3	39° 5	49° 6	196	288	81	96	W 1	SSW 2	2	10	155	p.
22	463	29° 694	48° 4	41° 9	41° 9	53° 5	297	216	88	83	SSW 2	WSW 4	9	0	—	p.
23	913	30° 090	38° 9	39° 5	37° 3	46° 0	205	228	87	94	SW 5	SW 3	0	0	—	a. and p.
24	29° 995	29° 972	44° 3	44° 2	38° 2	48° 3	251	223	86	76	WSW 7	WSW 5	8	0	055	a. and p.
25	30° 224	30° 376	38° 1	40° 2	36° 9	48° 2	204	230	88	92	WSW 3	W 2	3	0	025	
26	421	411	42° 7	43° 0	38° 7	49° 2	270	270	98	98	W 1	W 1	4	10	—	p.
27	410	423	42° 9	41° 2	41° 2	44° 7	272	241	99	94	SW 2	SW 2	10	4	—	a. and p.
28	485	435	38° 9	41° 2	35° 3	43° 3	229	252	97	97	SW 1	SW 1	7	9	008	a. and p.
29	364	313	40° 4	39° 3	38° 2	44° 3	244	238	98	100	SW 1	SW 1	9	0	—	all day.
30	266	30° 225	41° 3	43° 0	38° 8	45° 3	251	246	97	89	SW 1	SW 1	9	10	—	
31	30° 096	29° 873	38° 8	43° 5	38° 7	43° 9	218	264	93	94	SSW 3	SSW 5	7	10	153	p.
Means	30° 086	30° 078	37° 2	37° 8	34° 5	41° 1	202	209	89° 6	89° 8	2° 1	2° 2	8° 0	6° 7	1° 317	

## BUXTON.

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

DECEMBER 1875.

Day.	Barometer.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	
1	ins.	ins.	31° 7	30° 6	29° 0	32° 4	in.	in.	°/6	°/6	E 4	NE 5	8	10	ins.	* ga. and before. * evening.
2	30° 014	30° 054	31° 7	30° 6	29° 0	32° 0	155	155	90	91	NE 1	NE 3	10	10	—	* ga. and before, and in aft.
3	29° 982	29° 912	31° 7	29° 0	29° 0	32° 0	174	154	98	94	NNW 2	N 4	5	10	—	
4	928	29° 860	30° 6	31° 8	28° 8	33° 0	160	140	94	77	NNW 2	N 4	5	10	—	
5	29° 804	30° 105	30° 1	26° 9	26° 2	32° 8	159	133	96	92	N 1	NE 2	10	3	090	Sleet in afternoon.
6	30° 129	201	26° 9	23° 7	22° 2	31° 5	146	102	100	81	E 1	NE 1	10	6	075	* a. and p.
7	217	453	28° 9	28° 4	23° 8	29° 5	159	143	100	93	E 3	NNE 4	10	10	—	* all day.
8	526	420	30° 4	31° 7	28° 0	33° 8	158	176	94	99	Calm 0	W 4	8	10	—	U
9	440	461	31° 9	31° 7	26° 0	32° 2	173	167	96	94	NW 1	WNW 1	8	8	—	
10	426	454	31° 7	34° 9	31° 5	39° 2	162	193	91	95	NW 3	WNW 3	5	9	—	General thaw.
11	306	210	36° 5	38° 7	32° 0	38° 7	176	218	82	93	NW 3	WNW 4	10	10	460	
12	113	142	39° 0	39° 9	37° 4	40° 8	236	225	99	92	NW 2	NW 3	10	9	175	* all gone.
13	116	162	40° 1	39° 9	39° 0	41° 2	243	219	98	90	NW 3	NW 2	10	10	015	
14	206	220	39° 3	37° 4	35° 0	41° 5	203	178	85	80	W 1	Calm 0	8	10	—	
15	148	144	31° 4	30° 9	24° 7	41° 2	145	162	81	94	WSW 1	SW 2	10	10	—	at night.
16	143	162	28° 4	29° 9	27° 5	31° 0	152	157	98	95	SW 1	Calm 0	10	10	—	in past night. 1 ga. 29p
17	30° 117	30° 078	34° 1	33° 9	29° 5	35° 8	193	172	98	88	W 1	NW 1	10	4	—	
18	29° 964	29° 870	35° 9	40° 4	32° 0	40° 7	211	240	100	96	NW 1	WNW 2	10	10	—	
19	762	768	40° 7	43° 6	38° 8	44° 0	237	263	93	93	WSW 4	Calm 0	10	10	115	all day.
20	499	530	42° 4	39° 4	37° 5	43° 6	264	202	98	84	SW 3	W 5	10	4	080	at night.
21	507	444	39° 4	44° 6	35° 5	49° 0	235	274	98	93	WSW 6	W 5	10	4	195	afternoon and night.
22	778	531	39° 9	47° 4	36° 7	47° 7	189	309	77	94	W 4	W 8	5	10	615	all day.
23	398	29° 654	47° 7	39° 1	38° 0	51° 9	283	187	86	79	W 6	W 8	8	10	140	all day.
24	922	30° 094	38° 6	41° 1	37° 5	44° 5	208	222	89	86	W 7	W 4	4	0	050	afternoon and night.
25	29° 971	30° 044	44° 9	42° 4	40° 7	48° 0	246	199	83	74	W 9	NW 7	7	3	530	a. and p.
26	30° 275	30° 407	38° 4	41° 4	37° 8	48° 0	199	210	86	85	WNW 4	W 4	6	0	—	a.
27	424	387	46° 3	43° 6	40° 2	48° 0	270	257	87	90	SW 1	WNW 1	7	10	—	a.
28	428	430	43° 3	41° 2	39° 4	44° 0	218	221	78	86	SW 2	WSW 2	5	10	—	
29	490	438	41° 4	42° 9	38° 2	44° 0	237	258	91	94	NW 3	SW 1	7	10	070	a
30	364	327	41° 6	43° 4	41° 2	44° 2	237	233	91	82	W 2	W 2	10	10	—	
31	252	30° 181	42° 6	41° 9	41° 0	44° 7	249	231	91	89	W 4	NW 4	6	10	—	
Means	30° 087	30° 100	36° 9	37° 3	33° 6	40° 6	203	203	91° 6	89° 4	2° 8	3° 2	8° 2	8° 0	2° 700	* at night.



## CARMARTHEN.














Height above Mean Sea Level, 188 feet. Long. 4° 18' W. Lat. 51° 52' N.  
DECEMBER 1875.

Day.	Barometer.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.		
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.			
1	ins.	ins.	32°	35°	30°	39°	in.	in.	%	%	E	2	E	2	2	6	ins	✱ op. ✱ ga. ✱<

\* 30 days. † 20 days.

## STRATHFIELD TURGISS.

Height above Mean Sea Level, 196 feet. Long. 1° 0' W. Lat. 51° 20' N.  
DECEMBER 1875.

1	29°908	29°900	29°5	32°0	27°8	34°4	*148	*153	92	85	E	1	NE	1-2	10	10	—	 p.
2	*739	*770	32°0	30°7	29°0	36°0	*181	*136	100	78	N	1	N	1	3	10	*319	 op.
3	*849	*865	30°8	27°7	26°2	32°2	*152	*132	90	88	N	1	Calm	0	10	10	—	 * a and p.
4	*830	29°983	31°0	24°5	19°2	35°1	*153	*111	88	80	Calm	0	N	1	10	10	—	 * p.
5	29°983	30°088	28°4	22°0	19°0	31°3	*140	*095	91	83	N	1	N	1	0	10	*050	 p.
6	30°112	*299	31°4	28°5	21°4	32°2	*158	*139	89	90	N	1	N	1-3	10	10	*160	 * ga.  p.
7	*422	*431	29°9	31°0	28°3	34°3	*144	*145	87	82	NE	1	N	1	10	4	—	
8	*451	*439	33°8	28°0	27°9	36°6	*149	*131	77	86	N	0-1	N	1	10	10	—	
9	*412	*444	32°5	30°0	25°3	37°0	*148	*145	82	86	NW	1	NW	1	10	6	—	
10	*365	*261	34°9	36°4	29°0	41°4	*153	*192	75	90	W	1	W	1	3	10	—	
11	*177	*168	37°9	40°5	35°3	42°4	*206	*225	90	90	NW	0-1	NW	1	10	10	—	
12	*150	*196	40°8	40°1	29°3	45°3	*231	*209	92	85	W	1	NW	1	10	10	—	
13	*232	*236	33°0	27°7	26°6	44°4	*171	*132	91	88	SW	1	N	1	8	10	—	
14	*191	*135	33°6	35°3	26°4	38°1	*137	*184	71	90	SE	0-1	SE	1	10	10	—	 a.
15	*168	*173	35°8	38°4	33°4	40°5	*193	*214	93	93	SE	1	SE	1	10	10	—	
16	*150	30°098	35°5	37°0	35°3	39°6	*208	*210	100	96	SE	0-1	E	1	10	10	—	 ga.
17	30°012	29°949	38°0	41°5	35°4	48°0	*220	*257	96	98	SE	1	SE	1-0	3	10	—	
18	29°865	*812	41°0	43°4	40°0	46°5	*239	*270	94	96	Calm	0	S	1	10	10	*093	
19	*059	*685	45°4	39°6	38°6	48°0	*304	*235	100	97	S	1	S	1	10	5	*029	
20	*748	*608	46°4	49°0	37°6	51°5	*259	*331	83	96	SW	1-2	SW	1	10	0	*094	 p.
21	*931	*759	42°7	48°0	40°6	53°9	*238	*317	86	95	W	1	SW	2-3	0	10	*307	 a.
22	29°658	29°903	52°6	43°9	40°0	52°6	*353	*264	98	92	SW	2-3	SW	1-2	10	0	*023	
23	30°113	30°289	41°9	42°0	41°8	49°1	*225	*225	85	85	SW	1	W	1	0	0	*020	
24	*255	*144	45°7	48°0	37°9	51°1	*271	*335	89	100	W	1-2	SW	1	2	10	*017	
25	*393	*490	40°0	41°8	37°8	48°0	*226	*265	92	100	SW	0-1	Calm	0	0	10	—	
26	*484	*457	—	43°5	40°6	47°4	—	*267	—	94	NW	0-1	Calm	0	10	10	*010	 ga and before.  p.
27	*474	*487	43°0	42°8	41°3	45°1	*264	*225	95	93	SW	0-1	Calm	0	10	10	—	
28	*533	*519	42°3	42°6	41°2	45°3	*252	*258	94	94	SW	0-1	W	0-1	10	10	—	
29	*450	*396	42°0	43°0	41°0	46°7	*247	*262	93	94	SW	0-1	Calm	0	10	10	—	
30	*337	*305	42°5	42°6	40°0	47°3	*250	*258	92	94	W	0-1	SW	0-1	10	10	—	
31	30°184	30°063	41°3	43°4	40°8	47°7	*242	*270	94	96	S	1	S	1-2	10	10	—	
Means	30°137	30°140	*37°9	37°6	33°2	42°9	*209	*213	*89°7	90°8	0°9	0°9	7°7	8°5	1°052			

\* 30 days.

## DARTMOOR.

Height above Mean Sea Level, 1,372 feet. Long. 3° 59' W. Lat. 50° 33' N.  
DECEMBER 1875.

Day.	Barometer.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain-fall.	Remarks.		
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	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.	24°	29°	24°	28°	in.	in.	%	%					ins.			
1	30°006	30°004	24°	29°	24°	28°	1.130	1.146	100	100	NE	5	NE	6	10	4	* before ga.	
2	30°016	29°917	29°	27°	26°	34°	1.162	1.129	100	88	NE	2	N	3	4	0	* ga.	
3	29°954	30°021	27°	28°	21°	30°	1.151	1.128	100	82	NE	5	Calm	0	10	0	* ga and before.	
4	29°994	051	28°	26°	26°	33°	1.145	1.134	93	95	N	1	N	7	0	10	* showers a.	
5	30°176	206	24°	21°	21°	29°	1.127	1.108	95	95	NE	6	NE	4	4	0	—	
6	280	307	25°	24°	19°	28°	1.136	1.133	100	100	NE	5	NE	9	10	10	* op and before.	
7	490	505	22°	26°	19°	27°	1.103	1.112	88	79	NE	7	NE	3	10	9	—	
8	601	559	30°	29°	26°	32°	1.142	1.164	84	100	Calm	0	Calm	0	10	10	—	
9	554	562	28°	32°	24°	35°	1.102	1.172	67	95	NE	1	Calm	0	4	0	—	
10	516	429	34°	34°	27°	39°	1.170	1.189	91	94	NE	1	Calm	0	5	7	—	
11	387	340	35°	37°	33°	38°	1.186	2.01	91	90	NW	1	Calm	0	8	10	—	
12	334	316	38°	37°	35°	41°	1.188	1.199	82	90	W	1	Calm	0	10	10	* before ga.	
13	319	259	37°	37°	35°	39°	1.182	1.170	80	75	S	1	S	2	10	9	—	
14	144	121	36°	36°	34°	37°	1.177	2.17	84	100	E	5	E	7	1	10	—	
15	186	206	34°	37°	33°	38°	1.195	2.20	100	100	E	3	E	2	10	10	—	
16	195	30°094	35°	41°	33°	41°	2.08	2.03	100	100	E	1	Calm	0	10	10	—	
17	30°040	29°957	42°	43°	33°	44°	2.73	2.70	100	100	S	1	S	4	10	10	—	
18	29°885	789	44°	46°	40°	45°	2.93	2.95	100	100	S	3	S	6	10	10	—	
19	738	789	38°	37°	34°	44°	2.23	2.18	96	97	SW	4	SW	3	10	0	—	
20	29°770	778	45°	44°	36°	48°	2.90	2.95	100	100	SW	4	NW	4	10	10	—	
21	30°034	29°818	41°	49°	36°	50°	2.50	3.36	95	100	SW	1	NW	9	10	10	—	
22	29°769	30°037	46°	46°	36°	49°	2.53	2.32	97	92	SW	6	SW	4	10	10	—	
23	30°229	341	39°	41°	36°	45°	2.25	2.55	95	98	W	4	SW	1	1	10	—	
24	319	281	43°	45°	40°	46°	2.84	2.99	100	100	W	6	W	6	10	10	—	
25	472	536	40°	46°	39°	45°	2.53	2.53	100	100	W	3	W	3	10	0	—	
26	522	485	42°	41°	40°	43°	2.73	2.65	100	100	W	1	W	1	10	10	—	
27	442	513	40°	37°	37°	41°	2.44	2.15	97	95	S	2	Calm	0	10	0	—	
28	563	550	38°	38°	35°	39°	2.18	2.34	95	100	Calm	0	S	1	9	10	—	
29	497	449	39°	41°	37°	41°	2.43	2.57	100	100	S	1	SW	2	10	10	—	
30	464	320	40°	39°	38°	41°	2.53	2.30	100	97	SW	2	SW	3	10	10	—	
31	30°157	30°035	41°	44°	36°	44°	2.65	2.95	100	100	S	7	S	6	10	10	—	
Means	30°227	30°212	36°	36°	32°	39°	2.207	2.215	94°	95°	2°	9	3°	1	8°	3	4°	100



## BIRR CASTLE, PARSONSTOWN.

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

DECEMBER 1875.

Day.	Barometer.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	
1	ins.	ins.	34° 1'	35° 2'	31° 1'	37° 7'	in.	in.	90	73	NNE 0.5	NNE 1	10	10	ins.	* ga. and before. op.
2	30° 086	30° 162	34° 1'	35° 2'	31° 1'	37° 7'	185	151	94	73	WSW 0.5	N 0.5	6	10	—	
3	30° 093	30° 004	27° 7'	29° 0'	25° 0'	36° 7'	145	160	96	100	Calm 0	NNW 0.5	5	10	—	* op.
4	30° 046	30° 142	27° 5'	26° 0'	24° 0'	38° 1'	145	127	96	90	WNW 0.5	NNW 0.5	0	0	—	
5	30° 171	30° 232	25° 7'	24° 0'	21° 4'	33° 5'	115	114	89	89	Calm 0	NE 0.5	7	0	—	* op.
6	30° 368	30° 468	23° 8'	30° 1'	20° 8'	31° 7'	121	159	94	96	ESE 0.5	NNE 0.5	0	10	0.06	
7	30° 526	30° 583	31° 7'	32° 0'	29° 7'	33° 6'	158	172	89	95	NE 0.5	Calm 0	10	10	—	* op.
8	30° 617	30° 591	26° 2'	26° 0'	25° 3'	34° 2'	129	127	91	90	E 0.5	E 0.5	2	8	—	
9	30° 595	30° 561	19° 6'	23° 1'	17° 8'	33° 9'	99	124	91	100	Calm 0	Calm 0	2	0	—	* before ga. U op.
10	30° 499	30° 392	23° 9'	28° 0'	20° 1'	35° 5'	128	146	100	96	SSE 0.5	SW 0.5	10	4	—	
11	30° 313	30° 263	35° 8'	35° 2'	27° 7'	41° 8'	195	194	93	94	S 0.5	SSW 0.5	9	8	0.001	* op.
12	30° 198	30° 139	40° 7'	40° 3'	33° 2'	43° 3'	239	227	94	92	SSE 0.5	S 0.5	10	10	—	
13	30° 079	30° 039	41° 8'	43° 6'	39° 6'	47° 3'	229	248	87	87	SE 1	SSE 1	10	10	—	* op.
14	29° 966	29° 912	41° 9'	42° 5'	39° 2'	45° 7'	226	220	86	82	SE 0.5	SE 3-4	8	7	—	
15	29° 968	30° 032	43° 7'	46° 0'	37° 0'	48° 3'	260	287	91	93	SSE 1-2	SSE 1	10	10	—	* op.
16	30° 011	29° 950	45° 7'	44° 4'	43° 3'	48° 6'	286	262	94	90	E 0.5	SE 0.5	10	9	0.008	
17	29° 780	30° 566	45° 5'	48° 6'	41° 8'	50° 3'	289	327	95	96	SE 0.5	SE 1	9	10	0.386	* op.
18	30° 658	30° 637	41° 1'	40° 6'	39° 0'	49° 7'	248	232	96	92	W 0.5	SE 0.5	4	10	0.068	
19	30° 377	30° 494	37° 7'	40° 4'	35° 8'	45° 2'	218	242	97	97	S 0.5	WSW 1	4	7	0.107	* op.
20	30° 301	30° 452	51° 2'	42° 5'	40° 1'	54° 4'	353	230	94	85	SSW 1-3	WSW 2-3	10	4	0.102	
21	30° 669	30° 237	42° 0'	50° 2'	37° 0'	55° 3'	235	344	89	96	SE 2-3	WSW 2-3	10	10	429	* op.
22	30° 302	30° 676	41° 7'	37° 0'	36° 0'	51° 3'	213	200	81	91	SSW 1-3	WSW 1-2	4	2	0.231	
23	30° 868	30° 999	41° 8'	46° 7'	36° 3'	48° 4'	234	251	88	79	WNW 3-4	SW 3	0	9	0.016	* op. and before.
24	29° 871	30° 139	50° 8'	42° 0'	41° 7'	51° 7'	348	212	93	80	SSW 0.5	WSW 1-2	10	1	0.108	
25	30° 329	30° 380	41° 0'	46° 6'	36° 9'	50° 3'	242	303	94	96	SW 0.5	SSE 0.5	6	2	0.013	* op.
26	30° 355	30° 289	45° 8'	47° 6'	39° 8'	50° 4'	296	282	96	86	SSW 0.5	SSW 1	10	10	—	
27	30° 197	30° 366	47° 0'	42° 2'	42° 1'	50° 8'	298	254	93	94	SE 0.5	Calm 0	9	8	0.048	* op.
28	30° 397	30° 353	46° 4'	45° 8'	45° 9'	49° 9'	301	193	96	63	WSW 0.5	S 0.5	10	9	0.020	
29	30° 130	30° 203	46° 9'	45° 7'	45° 7'	50° 9'	283	274	89	90	Calm 0	S 1	10	10	0.001	* op.
30	30° 130	29° 959	46° 7'	47° 3'	45° 7'	50° 3'	272	294	86	91	SSE 0.5	SSE 1	10	10	0.104	
31	29° 670	29° 873	51° 1'	39° 4'	39° 3'	53° 8'	350	208	93	87	SW 3-4	WSW 0.5	10	9	0.200	
Means	30° 059	30° 069	38° 4'	38° 8'	34° 2'	44° 7'	225	218	92° 4'	89° 9'	0° 8'	1° 0'	7° 3'	7° 3'	1° 964	

## OBSERVATIONS FROM STATIONS OF THE SECOND ORDER.

## APPENDIX I. A.

## MONTHLY SUMMARIES FROM STATIONS OF THE SECOND ORDER.

The following is the list of Stations the returns from which are published as Monthly Means and Summaries on the Form B. proposed by the Permanent Committee of the Vienna Congress.

It will be noticed that the nine Stations, the observations from which are given in the preceding pages *in extenso* on Form A., are included in this list.

The hours of observation were 9 a.m. and 9 p.m. at all the stations excepting Durham and Hastings. At Durham the hours were 10 a.m. and 10 p.m. throughout; at Hastings 10 a.m. and 10 p.m. till July 31st, but from August 1st 9 a.m. and 9 p.m.

An asterisk prefixed to any station indicates that the returns have been furnished by the Meteorological Society.

		Observers.
Sandwich, Orkney	-	Rev. C. Clouston, LL.D.
Seaham Harbour	-	G. H. Aird, Esq.
Durham	-	G. A. Goldney, Esq.
*Hawes	-	Rev. J. D. Parker, LL.D.
Hull	-	Rev. W. P. Mackay, D.D.
*Calcehorpe	-	D. G. Briggs, Esq.
*Llandudno	-	J. Nicol, M.D.
*Buxton	-	E. J. Sykes, F.R.A.S.
*Hillington	-	Rev. H. Ffolkes.
Leicester	-	W. J. Harrison, F.G.S.
Norwich	-	J. Quinton, Jun., Esq.
Oscott	-	Rev. S. Whitty, B.A.
*Cheadle	-	J. C. Phillips, Esq.
*Audley End	-	Mr. J. Bryan.
*Carmarthen	-	G. J. Hearder, M.D.
Chigwell Row	-	J. Campbell, M.D., R.N.
*Marlborough	-	Rev. T. A. Preston, M.A.
Chatham	-	Capt. J. Fellowes, R.E.
*Bath	-	C. S. Barter, M.B.
*Strathfield Turgiss	-	Rev. C. H. Griffith.
*Crowborough Beacon	-	C. L. Prince, M.R.C.S.
Hastings	-	A. E. Murray, F.M.S.
*Dartmoor	-	R. E. Power, L.R.C.P.
Markree Castle	-	A. Doberck, for Col. Cooper.
Dublin	-	J. W. Moore, M.D.
Parsonstown (Birr Castle)	-	J. Dreyer, M.A., for Earl of Rosse.



## SANDWICK

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

Months.	Mean Pressure.	Air Temperature.								Tension of Vapour.			Relative Humidity.		
		Means of			Absolute Min. and Max.					9 a.m.	9 p.m.	Mean.	9 a.m.	9 p.m.	Mean.
		9 a.m.	9 p.m.	Mean.	Min.	Max.	Min.	Day.	Max.	Day.					
January	ins. 29.577	39.1	39.2	39.2	36.0	43.3	24.8	1st	48.9	27th	in. 219	in. 224	in. 222	% 92	% 93
February	30.085	36.8	36.1	36.5	34.7	40.3	28.0	24th	48.0	1st	195	192	194	90	90
March	30.118	40.2	39.3	39.8	36.8	44.0	31.8	4th	51.0	24th	213	211	212	86	88
April	29.991	45.0	42.7	43.9	39.9	49.0	33.6	13th	57.9	19th	255	246	251	86	89
May	794	49.6	47.4	48.5	44.1	53.5	39.2	1st	60.8	22nd	296	288	292	83	89
June	742	53.9	51.4	52.7	48.0	58.7	43.7	13th	65.2	4th	334	331	333	80	88
July	961	55.4	53.1	54.3	49.4	60.1	41.2	14th	70.3	21st	341	341	341	78	84
August	932	55.9	54.3	55.1	51.0	60.7	43.2	14th	68.8	5th	359	354	357	80	83
September	932	53.3	51.9	52.6	47.4	58.0	36.8	22nd	65.0	8th	336	329	333	82	86
October	756	46.7	45.6	46.2	43.6	50.6	35.8	13th	57.5	8th	266	266	266	84	87
November	821	39.0	38.9	39.0	36.2	43.2	28.0	28th	52.9	4th	210	214	212	89	91
December	29.840	41.1	40.2	40.7	36.4	44.5	28.0	7th	50.2	24th	226	216	221	88	88
Year	29.879	46.3	45.0	45.7	—	—	—	—	—	—	271	268	270	84.8	88.0

NOTE.—Min. therm. read at 9 a.m., Max. therm. at 9 p.m.

## SEAHAM.

Long. 1° 19' W. Lat. 54° 50' N. Height above Mean Sea Level, 100 feet.

Months.	Mean Pressure.	Air Temperature.								Tension of Vapour.			Relative Humidity.		
		Means of			Absolute Min. and Max.					9 a.m.	9 p.m.	Mean.	9 a.m.	9 p.m.	Mean.
		9 a.m.	9 p.m.	Mean.	Min.	Max.	Min.	Day.	Max.	Day.					
January	ins. 29.781	40.4	40.1	40.3	35.9	45.1	10.0	1st	54.0	14th	in. 230	in. 229	in. 230	% 92	% 93
February	30.103	36.9	36.7	36.8	33.4	40.3	28.0	6th & 8th	54.0	1st	194	196	195	89	90
March	168	41.6	40.0	40.8	35.8	45.7	30.5	5th	56.0	8th & 26th	220	218	219	84	89
April	30.061	47.2	43.8	45.5	39.6	53.1	32.0	13th & 14th	72.5	20th	282	257	270	88	90
May	29.947	54.8	49.7	52.3	44.2	61.4	38.0	3rd & 29th	71.5	13th	359	331	345	84	93
June	851	58.3	53.4	55.9	48.2	64.7	40.0	11th	78.5	25th	397	388	393	81	95
July	29.978	58.6	55.2	56.9	50.6	64.1	44.0	13th	72.5	29th	399	410	405	81	94
August	30.004	61.0	56.3	58.7	53.6	65.9	45.0	2nd	74.5	16th	458	433	446	86	95
September	30.010	57.5	54.6	56.1	51.1	62.1	44.0	1st, 20th, & 30th	70.5	7th	433	413	423	91	97
October	29.768	49.4	48.1	48.8	44.2	54.2	32.0	13th	68.0	1st	307	306	307	88	91
November	29.800	41.9	42.0	42.0	37.7	46.3	30.0	9th	57.5	5th	239	237	238	91	89
December	30.013	40.0	40.1	40.1	36.6	44.3	28.5	16th	54.3	21st	230	233	232	94	94
Year	29.957	49.0	46.7	47.9	—	—	—	—	—	—	312	304	308	87.4	92.5

## DURHAM.

Long. 1° 35' W. Lat. 54° 46' N. Height above Mean Sea Level, 335 feet.

Months.	Mean Pressure.	Air Temperature.								Tension of Vapour.			Relative Humidity.		
		Means of			Absolute Min. and Max.					9 a.m.	9 p.m.	Mean.	9 a.m.	9 p.m.	Mean.
		9 a.m.	9 p.m.	Mean.	Min.	Max.	Min.	Day.	Max.	Day.					
January	ins. 29.762	39.4	39.4	39.4	34.3	43.9	7.3	1st	53.1	18th	in. 227	in. 223	in. 225	% 94	% 93
February	30.085	35.5	34.1	34.8	31.7	39.3	24.0	6th	52.1	1st	184	176	180	88	90
March	156	41.3	38.2	39.8	34.3	45.3	27.5	5th	58.2	30th	193	196	195	74	85
April	30.032	48.9	42.3	45.6	37.7	54.9	28.3	14th	72.1	20th	255	226	241	74	84
May	29.934	55.5	47.5	51.5	42.4	62.6	33.3	8th	76.8	14th	324	282	303	73	86
June	834	59.2	51.3	55.3	46.4	66.0	40.8	19th	77.9	25th	361	336	349	72	89
July	974	60.9	53.8	57.4	49.8	67.7	42.4	13th	77.6	7th	402	378	390	75	91
August	29.989	61.3	55.2	58.3	52.1	67.7	42.2	2nd	79.5	15th	426	387	407	78	89
September	30.006	58.3	53.0	55.7	48.8	63.5	41.1	13th	71.2	7th	400	372	386	82	92
October	29.771	48.0	44.6	46.8	41.7	52.9	37.8	12th	67.9	1st	291	280	286	87	92
November	29.812	40.8	38.9	39.9	34.9	44.8	28.5	9th	59.0	5th	228	216	222	89	91
December	30.015	38.8	38.5	38.7	34.8	42.4	25.3	16th	52.9	22nd	212	211	212	90	91
Year	29.948	49.0	44.8	46.9	—	—	—	—	—	—	292	274	283	81.3	89.4

NOTE.—No observation 9 a.m. 1st.  
Till February 13th, minimum thermometer read at 10 a.m., after that date at 10 p.m.

† No observation 9 p.m. 11th.

## SANDWICK

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

Months.	Amount of Cloud.			Rainfall.			Weather, No. of Days of							Wind, No. of Observations of									
	9 a.m.	9 p.m.	Mean.	Total.	Max.	Day.	Rain.	Snow.	Hail.	Thunder- storms.	Clear SKY.	Overcast.	Gales.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Calm.	
				ins.	ins.																		
January -	7.9	7.9	7.9	5.020	1.140	24th	27	5	0	0	0	21	10	4	2	2	15	19	6	8	2	4	
February -	5.8	6.1	6.0	1.990	.420	11th	20	6	1	0	4	13	7	6	2	4	11	10	5	5	5	8	
March -	6.4	6.0	6.2	0.830	.160	26th	14	3	0	0	4	12	7	3	3	4	14	6	7	12	10	3	
April -	6.3	6.0	6.2	2.610	.800	28th	13	0	0	0	6	10	1	*6	5	2	7	5	2	14	7	11	
May -	6.1	6.1	6.1	1.510	.460	27th	17	1	0	0	1	6	4	2	1	1	9	12	10	19	6	2	
June -	4.6	4.4	4.5	1.450	.420	14th	14	1	0	0	5	2	0	2	1	3	9	9	11	14	5	6	
July -	5.2	4.3	4.8	2.940	.660	11th	13	0	0	0	9	7	1	†5	4	2	13	9	3	10	9	5	
August -	8.0	7.5	7.8	2.680	.450	29th	16	0	0	0	1	15	0	*3	8	8	4	6	9	11	5	7	
September -	6.6	6.1	6.4	2.860	1.500	26th	13	0	0	0	2	8	4	*2	5	6	10	10	5	8	7	6	
October -	7.1	7.1	7.1	3.760	.650	6th	24	0	0	0	1	13	7	0	0	9	28	6	4	8	3	4	
November -	6.2	6.8	6.5	4.050	.920	18th	21	4	3	1	6	13	4	10	5	2	12	5	3	5	4	14	
December -	6.8	6.8	6.8	3.360	.500	23rd	23	0	1	2	2	14	6	8	1	0	3	12	16	14	5	3	
Year -	6.4	6.3	6.4	33.060	—	—	215	20	5	3	41	134	51	51	37	43	135	109	81	128	68	73	

\* 1 observation lost. † 2 observations lost.

## SEAHAM.

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

January	-	7.0	5.7	6.4	ins. '670	ins. '160	1st	20	4	0	0	1	5	1	2	1	0	5	26	17	6	3	2
February	-	7.8	7.5	7.7	1.160	.160	17th	15	8	3	0	2	18	0	3	9	11	1	11	5	9	3	4
March	-	8.2	6.7	7.5	0.590	.140	6th	9	4	1	0	1	15	1	6	5	14	3	6	6	9	10	3
April	-	5.6	4.6	5.1	0.770	.170	{ 4th & 5th }	7	0	0	1	5	5	1	11	7	2	2	7	9	7	3	12
May	-	5.5	4.6	5.1	0.920	.240	28th	11	0	0	3	8	7	0	7	1	2	5	13	12	7	4	11
June	-	4.4	4.6	4.5	2.420	.600	29th	16	0	0	3	8	3	0	4	1	0	0	11	14	9	2	19
July	-	5.6	5.3	5.5	4.020	.900	18th	16	0	0	5	5	7	0	12	6	1	0	5	6	3	5	24
August	-	7.0	4.1	5.6	3.260	1.720	7th	14	0	0	2	4	9	0	9	4	0	0	7	17	4	0	21
September	-	5.3	4.6	5.0	1.610	.420	24th	11	0	0	2	7	6	2	2	10	2	3	6	7	7	1	25
October	-	5.6	6.5	6.1	3.560	.610	20th	18	0	0	0	4	12	2	1	7	13	11	9	11	5	1	4
November	-	6.7	5.7	6.2	6.670	1.830	13th	24	4	3	0	4	9	2	2	20	5	2	9	8	7	5	2
December	-	6.3	5.2	5.8	1.640	.350	1st	14	5	4	0	3	8	0	0	8	2	0	16	11	13	5	7
Year	-	6.3	5.4	5.9	29.160	—	—	175	25	11	16	52	104	9	59	79	52	32	126	123	86	42	131



## HAWES.

Long. 2° 11' W. Lat. 54° 18' N. Height above Mean Sea Level, 800 feet.

Months.	Mean Pressure.	Air Temperature.								Tension of Vapour.			Relative Humidity.			
		9 a.m.	9 p.m.	Mean.	Means of		Absolute Min. and Max.				9 a.m.	9 p.m.	Mean.	9 a.m.	9 p.m.	Mean.
					Min.	Max.	Min.	Day.	Max.	Day.						
January - -	ins. 29.810	40.2	40.7	40.5	35.3	44.2	5.5	1st	49.5	14th, 15th, & 19th	*in. 240	in. 242	in. 241	% 95.0	% 94.2	% 94.6
February - -	30.109	33.3	33.1	33.2	30.4	37.8	21.5	5th	48.3		*163	166	165	82.8	86.4	84.6
March - -	188	37.1	36.6	36.9	32.8	42.5	24.0	21st	51.0	31st	186	189	187	82.8	84.9	83.9
April - -	30.073	45.4	41.5	43.4	36.1	53.2	26.3	25th	69.8	20th	236	222	229	78.2	84.0	81.1
May - -	29.977	51.2	47.7	49.5	41.5	57.9	30.8	30th	69.8	14th	293	284	288	78.0	85.2	81.6
June - -	29.877	54.9	50.4	52.6	45.1	60.3	34.7	2nd	73.0	3rd	327	323	325	76.0	88.1	82.1
July - -	30.003	58.5	54.1	56.3	47.9	65.0	37.4	26th	75.7	7th	360	356	358	73.6	84.7	79.2
August - -	031	58.1	55.0	56.6	50.8	63.9	37.6	2nd	74.2	16th	399	389	394	82.5	89.4	86.0
September -	30.038	56.2	52.2	54.2	47.4	62.9	37.4	10th	72.0	11th	370	353	362	81.8	89.8	85.8
October - -	29.790	45.2	43.9	44.5	40.3	49.7	25.8	13th	63.0	1st	271	266	268	89.0	91.8	90.4
November -	29.837	38.5	37.7	38.1	34.0	42.5	24.0	9th	54.3	5th	214	211	213	88.3	90.1	89.2
December -	30.067	37.2	37.9	37.6	33.9	40.7	18.6	15th	51.7	22nd	201	206	203	88.0	87.7	87.9
Year -	29.983	46.3	44.2	45.3	39.6	51.7	—	—	—	—	272	267	269	83.0	88.0	85.5

\* One observation lost.

† Two observations lost.

‡ Three observations lost.

## HULL.

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

	ins.										in.	in.	in.	%	%	%
January - -	29.852	40.8	40.9	40.9	36.7	46.0	14.0	1st	57.2	5th	246	238	242	97	94	96
February - -	30.090	35.6	35.8	35.7	32.9	40.3	25.0	6th	51.7	14th	195	195	195	93	93	93
March - -	172	41.4	39.0	40.2	35.3	46.3	29.0	{ 5th & 11th }	59.5	30th	256	236	246	99	99	99
April - -	30.059	47.7	43.4	45.6	38.6	55.7	28.5	14th	71.5	20th	285	253	269	87	90	89
May - -	29.978	56.4	51.1	53.8	44.6	64.2	37.0	30th	75.5	14th	355	308	332	78	81	80
June - -	879	60.7	55.5	58.1	48.9	68.7	41.0	1st	77.5	{ 4th & 25th }	395	384	390	75	87	81
July - -	29.979	60.4	57.3	58.9	51.0	67.3	43.0	{ 5th & 13th }	75.5	8th	412	404	408	79	86	83
August - -	30.030	63.2	59.5	61.4	54.2	69.8	43.0	2nd	82.5	16th	460	432	446	79	86	83
September -	30.040	59.4	56.2	57.8	50.8	65.1	41.0	29th	74.5	7th	453	410	432	90	91	91
October - -	29.790	48.7	47.7	48.2	43.6	53.6	31.0	12th	65.0	4th	311	307	309	91	93	92
November -	29.803	41.6	41.2	41.4	37.6	45.4	30.5	26th	56.5	18th	242	240	241	93	93	93
December -	30.069	38.9	39.7	39.3	36.2	42.3	29.5	5th	52.5	22nd	219	224	222	93	92	93
Year -	29.978	49.6	47.3	48.5	—	—	—	—	—	—	319	303	311	87.8	90.4	89.1

## CALCETHORPE.

Long. 0° 7' W. Lat. 53° 23' N. Height above Mean Sea Level, 379 feet.

Monthly Mean Sea Level, 175 Feet																
Months.	Mean Pressure.	Air Temperature.								Tension of Vapour.			Relative Humidity.			
		9 a.m.	9 p.m.	Mean.	Means of		Absolute Min. and Max.			9 a.m.	9 p.m.	Mean.	9 a.m.	9 p.m.	Mean.	
	ins.										in.	in.	in.	%.	%.	%.
January -	29.872	39.1	39.8	39.5	35.1	44.6	7.0	1st	52.1	14th	226	232	229	93.0	93.3	93.1
February -	30.087	33.5	34.1	33.8	31.4	38.3	23.3	6th	51.0	14th	172	175	173	88.2	87.4	87.8
March -	173	38.7	37.6	38.1	33.8	43.8	27.9	5th	55.8	8th	204	201	203	85.2	87.3	86.3
April -	30.064	45.5	42.1	43.8	37.5	52.8	29.6	18th	68.0	20th	254	236	245	83.0	87.8	85.4
May -	29.996	53.9	49.1	51.5	43.1	60.8	35.8	3rd	72.9	14th	314	298	306	75.8	84.8	80.3
June -	892	58.2	53.3	55.8	47.3	64.5	40.1	1st	76.0	4th	355	339	347	73.3	83.7	78.5
July -	29.986	58.3	54.3	56.3	50.2	63.6	41.5	13th	71.3	19th	392	383	387	80.2	90.2	85.2
August -	30.033	60.6	57.5	59.0	52.8	67.8	44.0	2nd	80.8	16th	421	415	418	79.7	86.9	83.3
September	30.047	57.8	54.7	56.3	50.8	63.7	41.4	29th	71.6	7th	406	383	395	84.5	88.8	86.7
October -	29.797	47.8	46.2	47.0	42.7	52.7	32.9	13th	64.4	4th	294	285	289	87.6	89.9	88.8
November	29.806	40.0	39.5	39.7	36.0	44.4	27.4	26th	54.5	18th	223	227	225	88.1	90.9	89.5
December	30.082	37.2	37.8	37.5	34.5	41.1	25.1	5th	53.5	22nd	202	209	206	89.6	89.8	89.7
Year	29.986	47.6	45.5	46.5	41.3	53.2	—	—	—	—	289	282	285	84.0	88.4	86.2

## HAWES.

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

Months.	Amount of Cloud.			Rainfall.			Weather, No. of Days of							Wind, No. of Observations of								
	9 a.m.	9 p.m.	Mean.	Total.	Max.	Day.	Rain.	Snow.	Hail.	Thunder Storms.	Clear Sky.	Overcast.	Gales.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Calm.
January -	9.1	8.7	8.9	ins. 10.060	ins. 1.790	18th	25	4	1	2	0	26	1	0	0	5	7	5	21	9	4	11
February -	9.2	7.5	8.4	1.390	2.270	11th	17	15	0	0	0	18	0	3	0	17	0	1	4	1	1	29
March -	9.7	8.2	8.9	1.660	5.40	8th	15	10	1	0	0	24	0	1	4	17	2	1	9	5	3	20
April -	7.1	5.3	6.2	2.160	7.20	3rd	9	2	1	2	5	13	1	0	4	6	0	1	7	7	1	34
May -	7.9	6.6	7.2	2.960	5.10	20th	20	0	1	2	1	16	0	0	1	3	2	3	20	7	4	22
June -	7.3	6.6	7.0	4.390	7.50	15th	20	0	0	1	3	11	0	0	2	4	2	1	15	20	2	14
July -	6.2	6.8	6.5	3.610	6.00	{ 1st & 19th }	18	0	0	1	4	11	0	2	6	9	2	0	4	13	5	21
August -	8.7	7.2	7.9	4.120	1.260	9th	19	0	0	3	1	19	0	2	3	8	0	2	13	15	2	17
September -	6.7	6.3	6.5	5.130	1.350	8th	18	0	1	3	6	14	1	0	0	16	3	5	6	14	1	15
October -	8.6	8.2	8.4	5.650	1.020	19th	24	0	0	0	1	22	0	0	2	20	6	3	7	12	3	9
November -	7.6	6.8	7.2	7.810	2.470	13th	29	13	0	0	4	15	0	5	10	15	3	1	8	13	2	3
December -	8.6	7.7	8.2	5.660	1.700	21st	26	6	2	1	1	19	0	2	7	4	1	2	19	16	3	8
Year -	8.1	7.2	7.6	54.600	—	—	240	50	7	15	26	208	3	15	39	124	28	25	133	132	31	203

## HULL.

Thermometers 5 feet above ground. Rain-gauge 10 inches above ground till October 1st, then 6 feet 10 inches.

January	-	-	8.3	7.5	7.9	ins. 2.050	ins. .330	3rd	22	2	0	0	1	0	2	2	1	1	4	6	12	20	13	3	
February	-	-	7.8	8.1	8.0	0.950	.300	24th	10	3	3	0	2	0	1	3	4	8	10	6	3	10	9	3	
March	-	-	8.6	6.7	7.7	0.560	.150	2nd & 7th	10	3	0	0	0	0	16	2	6	7	10	10	5	3	8	11	2
April	-	-	7.0	4.4	5.7	0.380	.110	7th	6	0	0	0	3	9	1	4	8	9	2	2	5	13	13	4	
May	-	-	7.1	4.7	5.9	1.270	.240	20th	14	0	0	2	2	6	0	2	4	4	3	4	7	20	15	3	
June	-	-	6.4	5.6	6.0	1.500	.590	29th	12	0	0	0	2	6	1	4	5	6	3	1	4	18	16	3	
July	-	-	7.2	6.6	6.9	3.670	.950	17th	17	0	0	1	1	12	1	8	10	11	8	4	3	6	10	2	
August	-	-	7.7	6.3	7.0	2.210	.900	9th	10	0	0	3	0	11	3	3	9	7	1	4	10	15	13	0	
September	-	-	6.4	4.1	5.3	2.390	.640	24th	11	0	0	1	4	6	2	5	10	11	3	3	7	9	8	4	
October	-	-	7.6	6.2	6.9	4.500	1.050	20th	18	0	0	1	2	15	4	4	6	9	12	7	8	12	4	0	
November	-	-	7.6	6.5	7.1	5.180	.730	13th	24	5	3	0	3	15	1	6	10	11	7	4	5	7	8	2	
December	-	-	8.0	6.0	7.0	1.160	.140	5th	19	3	0	0	3	16	1	7	5	4	2	1	15	18	10	0	
Year	-	-	7.5	6.1	6.8	25.820	—	—	173	16	6	8	23	112	19	54	79	91	65	47	82	156	130	26	



## LLANDUDNO.

Long. 3° 50' W. Lat. 53° 20' N. Height above Mean Sea Level, 89 feet.

Months.	Mean Pressure.	Air Temperature.									Tension of Vapour.			Relative Humidity.		
		Means of			Absolute Min. and Max.						9 a.m. 9 p.m. Mean.			9 a.m. 9 p.m. Mean.		
		9 a.m.	9 p.m.	Mean.	Min.	Max.	Min.	Date.	Max.	Date.	9 a.m.	9 p.m.	Mean.	9 a.m.	9 p.m.	Mean.
January	ins. 29.793	45.3	45.7	45.5	41.0	51.6	25.7	1st	61.8	19th	2.59	2.59	2.59	86	85	86
February	30.073	38.9	38.7	38.8	35.5	43.2	29.5	10th	55.5	13th	2.01	2.04	2.02	85	87	86
March	178	42.3	41.4	41.9	37.6	47.8	30.9	20th	56.6	8th	2.18	2.10	2.14	81	80	80
April	30.050	51.1	46.2	48.6	41.8	56.8	35.0	14th	70.0	19th	2.50	2.37	2.44	67	76	72
May	29.980	56.2	51.4	53.8	47.5	63.1	38.5	1st	72.9	14th	3.17	3.07	3.12	70	81	75
June	859	59.6	55.2	57.4	51.1	65.9	45.4	1st & 2nd	74.9	3rd	3.56	3.46	3.51	70	79	75
July	29.998	60.8	56.4	58.6	52.6	66.9	47.2	13th	77.0	29th	3.74	3.74	3.74	70	82	76
August	30.019	63.8	59.4	61.6	55.5	69.0	47.5	20th	76.2	12th	4.27	4.22	4.24	72	83	77
September	30.002	60.5	58.1	59.3	54.0	66.3	47.7	11th	78.0	7th	3.97	4.06	4.02	75	84	80
October	29.749	50.2	49.1	49.6	45.3	55.1	36.4	14th	66.5	1st	2.93	2.85	2.89	80	82	81
November	29.811	44.2	44.0	44.1	40.5	48.3	32.8	27th	61.1	3rd	2.39	2.41	2.40	82	84	83
December	30.067	43.1	42.8	43.0	38.5	47.8	28.6	5th	58.0	20th	2.27	2.26	2.27	82	82	82
Year	29.965	51.3	49.0	50.2	45.1	56.8	—	—	—	—	2.97	2.93	2.95	76.7	82.2	79.4

\* Four p.m. observations lost, 8th, 15th, 16th, and 22nd.

## BUXTON.

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

Months.	Mean Pressure.	Air Temperature.									Tension of Vapour.			Relative Humidity.		
		Means of			Absolute Min. and Max.						9 a.m. 9 p.m. Mean.			9 a.m. 9 p.m. Mean.		
		9 a.m.	9 p.m.	Mean.	Min.	Max.	Min.	Date.	Max.	Date.	9 a.m.	9 p.m.	Mean.	9 a.m.	9 p.m.	Mean.
January	ins. 29.866	39.9	40.7	40.3	35.7	44.9	20.2	1st	51.5	14th	2.31	2.32	2.31	92.1	90.5	91.3
February	30.105	32.6	33.1	32.9	27.9	37.7	13.5	24th	49.3	14th	1.77	1.83	1.80	94.2	95.6	94.9
March	198	36.7	36.1	36.4	31.9	42.2	22.1	18th	53.9	8th	1.95	1.98	1.97	88.8	91.9	90.4
April	30.080	46.3	41.3	43.8	34.8	52.4	23.4	14th	67.9	21st	2.30	2.16	2.23	74.3	83.2	78.8
May	30.011	51.7	47.9	49.8	41.6	59.9	31.5	30th	72.2	14th	2.96	2.83	2.89	77.7	84.5	81.1
June	29.902	55.6	51.0	53.3	45.2	61.5	34.5	1st	73.6	3rd	3.36	3.22	3.29	76.3	85.8	81.1
July	29.985	58.1	53.8	55.9	47.2	63.5	38.8	27th & 28th	72.9	29th	3.71	3.63	3.67	77.0	87.4	82.2
August	30.037	59.2	55.6	57.4	49.7	65.2	39.2	2nd	75.9	16th	4.06	3.88	3.97	81.0	87.5	84.3
September	30.037	56.4	53.5	55.0	47.8	62.4	38.7	10th	70.6	7th	3.86	3.70	3.78	84.6	89.4	87.0
October	29.754	45.2	43.3	44.2	38.8	50.1	27.0	14th	59.7	1st	2.76	2.58	2.67	90.2	91.4	90.8
November	29.829	38.4	38.8	38.6	34.6	43.0	22.8	26th	54.4	5th	2.14	2.23	2.18	89.3	91.6	90.5
December	30.093	36.9	37.3	37.1	33.6	40.6	22.2	5th	51.9	22nd	2.03	2.03	2.03	91.6	89.4	90.5
Year	29.991	46.4	44.4	45.4	39.1	51.9	—	—	—	—	2.77	2.70	2.73	84.8	89.0	86.9

\* One observation lost.

† Three observations lost.

## HILLINGTON, NORFOLK.

Long. 0° 33' E. Lat. 52° 48' N. Height above Mean Sea Level, 89 feet.

Months.	Mean Pressure.	Air Temperature.									Tension of Vapour.			Relative Humidity.		
		Means of			Absolute Min. and Max.						9 a.m. 9 p.m. Mean.			9 a.m. 9 p.m. Mean.		
		9 a.m.	9 p.m.	Mean.	Min.	Max.	Min.	Date.	Max.	Date.	9 a.m.	9 p.m.	Mean.	9 a.m.	9 p.m.	Mean.
January	ins. 29.872	41.1	41.1	41.1	35.5	46.4	7.0	1st	54.9	18th & 20th	2.31	2.32	2.31	92.1	90.5	91.3
February	30.049	35.2	35.2	35.2	31.2	39.6	23.5	6th	52.0	14th	1.77	1.83	1.80	94.2	95.6	94.9
March	122	40.7	38.7	39.7	33.6	47.2	26.9	10th	60.2	8th	2.08	2.05	2.06	82	87	85
April	054	47.8	43.1	45.5	36.6	55.8	25.2	24th	71.5	20th	2.43	2.29	2.36	73	82	78
May	30.016	57.1	50.6	53.8	42.4	63.9	33.2	17th	77.7	15th	3.27	3.09	3.18	70	84	77
June	29.906	61.6	55.8	58.7	47.9	71.2	37.1	27th	82.1	3rd	3.96	3.75	3.86	72	84	78
July	29.978	60.9	55.3	58.1	50.1	67.0	38.7	13th	76.5	29th	4.34	4.07	4.20	81	93	87
August	30.047	64.4	58.1	61.3	52.2	73.0	44.1	3rd & 4th	86.2	16th	4.79	4.37	4.58	79	90	85
September	30.053	61.4	55.8	58.6	50.6	68.9	44.1	29th	81.9	19th	4.49	4.13	4.31	82	93	88
October	29.794	49.4	46.2	47.8	41.5	55.7	29.6	14th	65.9	1st	3.17	2.81	2.99	90	90	90
November	29.827	41.6	40.5	41.0	35.9	47.2	26.2	26th	57.8	18th	2.38	2.35	2.37	90	93	92
December	30.076	37.8	38.3	38.1	34.0	43.1	18.9	4th	56.2	22nd	2.09	2.15	2.12	92	93	92
Year	29.983	49.9	46.6	48.2	41.0	56.6	—	—	—	—	—	—	—	—	—	—

## LLANDUDNO.

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

Months.	Amount of Cloud.			Rainfall.			Weather, No. of Days of								Wind, No. of Observations of								
	9 a.m.	9 p.m.	Mean.	Total.	Max.	Day.	Rain.	Snow.	Hail.	Thunder Storms.	Clear Sky.	Overcast.	Gales.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Calm.	
January -	7.6	7.3	7.4	ins. 3.028	ins. 4.14	19th	21	1	1	0	1	17	0	1	0	2	2	17	21	16	3	0	
February -	7.3	6.9	7.1	2.137	4.36	20th	16	5	0	0	4	14	0	3	8	18	0	9	5	11	2	0	
March -	7.6	7.0	7.3	0.890	2.10	25th	9	2	0	0	4	17	0	5	2	15	8	4	8	11	9	0	
April -	4.8	4.6	4.7	0.944	3.00	4th	6	0	0	0	8	7	1	9	5	11	2	7	5	15	1	5	
May -	7.2	5.7	6.5	1.459	4.30	27th	12	0	0	0	3	12	0	7	9	7	0	6	10	20	3	0	
June -	6.2	6.6	6.4	1.814	3.27	14th	16	0	0	1	4	13	0	2	3	6	0	1	14	28	6	0	
July -	6.1	5.7	5.9	3.471	1.115	14th	15	0	0	1	7	11	0	9	6	9	1	2	5	19	11	0	
August -	5.8	5.1	5.4	2.003	3.90	8th	13	0	0	2	7	10	0	4	4	6	3	2	11	30	2	0	
September -	6.3	5.6	6.0	4.650	8.50	2nd	16	0	0	3	7	11	0	1	5	14	4	4	9	20	3	0	
October -	7.3	5.8	6.5	5.300	8.50	11th	20	0	2	1	2	13	0	2	4	5	20	8	2	19	2	0	
November -	7.6	7.0	7.3	4.248	1.080	13th	16	2	4	0	1	14	0	6	5	21	1	6	5	12	4	0	
December -	7.5	*6.1	*6.8	1.406	*6.10	21st	7	2	0	0	4	17	0	*0	5	10	0	0	4	37	2	0	
Year	6.8	6.1	6.5	31.350	—	—	167	12	7	8	52	156	1	49	56	124	41	66	99	238	48	5	

\* Four p.m. observations lost, 8th, 15th, 16th and 22nd.

## BUXTON.

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

January	-	7.8	8.7	8.3	ins. 5.245	ins. 6.70	24th	23	6	0	2	0	20	6	3	0	2	8	6	15	20	5	3
February	-	8.7	8.9	8.8	2.264	6.05	11th	12	12	3	0	0	22	4	5	8	15	6	2	4	4	10	2
March	-	8.6	7.9	8.2	0.990	3.00	7th	9	6	0	0	1	19	10	6	3	11	15	1	0	9	10	7
April	-	6.2	6.9	6.6	1.610	4.65	3rd	7	1	1	0	3	12	1	3	8	13	8	2	5	2	14	5
May	-	7.2	4.4	5.8	3.035	6.00	9th	12	0	3	1	2	4	1	8	3	3	3	6	13	17	8	1
June	-	7.4	6.5	6.9	4.095	1.030	3rd	16	0	0	6	1	7	0	7	0	9	4	1	11	16	9	3
July	-	5.8	6.4	6.1	6.188	1.305	19th	17	0	0	3	3	10	1	5	1	13	5	3	2	6	20	7
August	-	6.6	5.7	6.2	5.280	1.510	7th	16	0	0	4	1	9	1	1	3	7	4	1	3	19	18	6
September	-	6.8	6.4	6.6	7.122	1.220	8th	16	0	0	2	2	10	4	1	2	6	12	1	5	11	11	11
October	-	8.3	6.7	7.5	6.662	1.420	19th	21	0	0	0	0	14	3	1	5	11	11	3	3	10	12	6
November	-	7.4	8.0	7.7	6.575	1.040	6th	23	12	3	0	1	18	5	6	9	12	4	1	11	8	7	2
December	-	8.2	8.0	8.1	2.700	6.15	21st	14	6	0	0	0	17	4	3	6	3	0	0	9	21	16	4
Year	-	7.4	7.0	7.2	51.766	—	—	186	43	10	18	14	162	40	49	48	105	80	27	81	143	140	57



## LEICESTER.

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

Months.	Mean Pressure.	Air Temperature.								Tension of Vapour.			Relative Humidity.		
		9 a.m.	9 p.m.	Mean.	Means of		Absolute Min. and Max.			9 a.m.	9 p.m.	Mean.	9 a.m.	9 p.m.	Mean.
					Min.	Max.	Min.	Day.	Max.	Day.					
January	ins. 29.886	42.0	42.4	42.2	38.1	46.5	10.7	1st	54.8	15th	in. 235	in. 241	in. 238	% 89	% 89
February	30.076	34.1	35.7	34.9	31.9	40.0	25.6	22nd	53.1	14th	177	186	182	89	89
March	179	40.0	40.3	40.2	35.3	45.6	26.8	5th	56.3	31st	196	202	199	79	81
April	064	46.9	46.6	46.8	39.3	55.2	30.0	14th	70.5	20th	230	239	235	73	76
May	30.000	55.4	53.6	54.5	45.2	63.2	38.3	3rd	73.6	14th	308	308	308	70	75
June	29.895	59.4	57.2	58.3	49.6	66.5	40.6	1st	77.7	3rd	376	378	377	74	81
July	29.980	60.1	58.3	59.2	51.8	66.6	43.6	13th	74.4	29th	400	409	405	77	83
August	30.041	62.1	61.2	61.7	53.7	69.3	44.3	2nd	83.2	16th	429	443	436	77	82
September	30.042	58.9	57.5	58.2	51.8	66.2	44.5	10th	78.1	19th	408	405	407	82	85
October	29.790	48.3	47.3	47.8	42.9	54.0	31.5	13th	65.6	4th	292	287	290	87	89
November	29.820	41.0	41.8	41.4	38.3	46.8	30.2	26th	59.3	18th	223	238	231	87	90
December	30.108	38.9	40.0	39.5	35.9	43.2	24.6	5th	54.7	22nd	212	218	215	90	89
Year	29.990	48.9	48.5	48.7	—	—	—	—	—	—	291	296	294	81.2	84.0

NOTE.—Minimum and maximum temperatures read at 9 a.m. till January 31st, then at 9 p.m.

## NORWICH.

Long. 1° 18' E. Lat. 52° 37' N. Height above Mean Sea Level, 23 feet.

Months.	Mean Pressure.	9 a.m.	9 p.m.	Mean.	Means of		Absolute Min. and Max.			9 a.m.	9 p.m.	Mean.	9 a.m.	9 p.m.	Mean.
					Min.	Max.	Min.	Day.	Max.	Day.					
					Min.	Max.	Min.	Day.	Max.	Day.					
January	ins. 29.920	41.1	41.2	41.2	35.7	46.1	10.5	1st	55.0	20th	in. 249	in. 248	in. 249	% 97	% 97
February	30.059	35.0	34.4	34.7	30.4	38.5	23.5	23rd	50.5	14th	198	193	196	97	97
March	158	40.4	38.4	39.4	34.1	45.3	28.5	23rd	57.2	8th	222	218	220	89	94
April	054	47.9	43.1	45.5	36.8	55.5	28.5	14th & 25th	66.5	30th	269	248	259	81	89
May	30.003	57.7	51.7	54.7	44.9	64.6	38.0	31st	80.8	15th	395	355	375	82	92
June	29.902	63.5	56.3	59.9	49.2	71.0	42.0	17th	85.0	4th	470	407	439	80	89
July	957	61.6	57.1	59.4	52.9	66.7	44.0	13th	75.5	3rd	454	433	444	83	92
August	29.988	64.5	59.9	62.2	55.3	71.4	47.5	2nd	78.0	8th & 9th	505	480	493	84	94
September	30.044	61.8	57.5	59.7	53.6	67.6	43.8	29th	80.0	8th	476	443	460	86	94
October	29.797	49.6	47.7	48.7	43.7	54.3	33.5	12th	67.5	5th	332	321	327	94	97
November	29.790	42.2	41.7	42.0	38.0	46.4	30.0	26th & 30th	57.5	18th	252	256	254	93	96
December	30.097	38.5	38.8	38.7	35.1	42.1	22.0	4th	55.5	22nd	219	226	223	94	96
Year	29.981	50.3	47.3	48.8	—	—	—	—	—	—	337	319	328	88.3	93.9

\* January, mean pressure is obtained from observations at 10 a.m., 3 p.m., and 9 p.m. each day, but 9 p.m. obs. are missing on the 3rd, 10th, 17th, 24th, and 31st.  
 † Minimum and maximum read at 9 a.m. till January 31st; from February 1st at 9 p.m. ‡ 23 days only. No observations 14th–21st August.

## OSCOTT.

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

Months.	Mean Pressure.	9 a.m.	9 p.m.	Mean.	Means of		Absolute Min. and Max.			9 a.m.	9 p.m.	Mean.	9 a.m.	9 p.m.	Mean.
					Min.	Max.	Min.	Day.	Max.	Day.					
					Min.	Max.	Min.	Day.	Max.	Day.					
January	ins. 29.880	40.9	41.8	41.4	37.6	46.4	14.8	1st	54.0	15th	in. 242	in. 249	in. 246	% 93.2	% 92.9
February	30.075	33.7	34.3	34.0	30.8	40.0	22.9	9th	53.0	14th	175	181	178	87.1	89.3
March	179	39.0	38.5	38.8	34.3	45.7	26.0	5th	56.2	8th	204	208	206	83.7	87.3
April	060	46.4	45.3	45.9	38.5	55.6	30.6	14th	72.7	20th	243	237	240	77.6	79.4
May	30.002	53.9	51.2	52.6	44.4	63.3	36.0	30th	73.7	14th	321	307	314	77.5	81.3
June	29.896	57.9	54.8	56.4	48.4	67.0	39.2	1st	78.3	3rd	376	355	366	78.4	82.6
July	29.985	58.7	56.3	57.5	50.2	66.4	43.8	13th & 26th	76.8	29th	401	393	397	81.3	86.5
August	30.042	60.6	58.8	59.7	52.9	69.7	42.7	5th	82.1	16th	443	439	441	83.6	88.0
September	30.037	57.5	55.7	56.6	50.9	66.1	42.4	29th	75.8	7th	414	393	404	87.3	88.0
October	29.784	47.0	45.7	46.4	41.4	52.7	27.6	13th	66.6	5th	296	285	291	90.6	91.8
November	29.826	39.7	40.6	40.2	36.6	45.9	27.4	26th	59.0	4th	232	240	236	92.1	91.5
December	30.110	37.4	38.5	38.0	34.4	42.4	21.5	6th	53.2	22nd	207	217	212	90.2	90.3
Year	29.990	47.7	46.8	47.3	—	—	—	—	—	—	296	292	294	85.2	87.4

\* 30 days.

## LEICESTER.

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

Months.	Amount of Cloud.			Rainfall.			Weather, No. of Days of							Wind, No. of observations of								
	9 a.m.	9 p.m.	Mean.	Total.	Max.	Day.	Rain.	Snow.	Hail.	Thunder Storms.	Clear Sky.	Overcast.	Gales.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Calm.
January	8.2	8.2	8.2	ins. 2.600	ins. 4.00	29th	22	0	2	1	0	20	1	2	0	3	9	15	25	8	0	0
February	8.4	8.4	8.4	1.040	2.30	19th	15	9	0	0	1	20	0	5	21	4	5	3	8	4	0	6
March	8.8	7.5	8.2	0.620	2.00	6th	9	2	0	0	1	19	1	14	16	11	1	2	10	3	2	3
April	8.1	6.2	7.2	1.250	3.10	6th & 7th	10	0	0	0	2	13	1	6	10	10	4	2	16	8	1	3
May	7.5	5.0	6.3	1.900	3.30	20th	14	0	1	2	1	9	1	2	4	4	4	4	17	11	4	12
June	7.1	6.0	6.6	4.460	1.770	29th	16	0	2	4	4	14	2	4	9	1	2	3	26	4	3	8
July	7.7	6.8	7.3	6.410	2.180	20th	17	0	1	3	2	16	0	4	10	11	0	3	9	11	5	9
August	7.7	6.8	7.3	2.650	7.90	7th	15	0	0	4	1	12	0	5	10	1	0	2	17	8	1	18
September	6.9	4.7	5.8	2.770	7.80	21st	18	0	0	1	6	7	1	0	16	1	4	8	11	9	0	11
October	8.2	6.2	7.2	5.670	2.170	9th	19	0	0	0	2	16	1	2	10	14	3	5	12	8	1	7
November	8.3	8.0	8.2	3.560	7.60	13th	23	4	0	0	1	20	1	5	17	3	1	6	10	10	3	5
December	8.9	8.2	8.6	1.420	3.20	31st	14	5	0	0	1	22	0	8	7	0	2	10	22	8	3	2
Year	8.0	6.8	7.4	34.350	—	—	192	20	6	15	22	188	9	57	130	63	35	63	183	92	23	84

## NORWICH.

Thermometers 4 feet 6 inches above ground. Rain-gauge 30 feet above ground.

January	February	March	April	May	June	July	August	September	October	November	December	Year
7.4	7.8	6.6	5.5	6.5	8.2	8.0	6.9	7.7	8.2	7.3	—	
6.4	6.0	5.7	3.5	5.0	7.0	4.6	4.0	6.6	8.4	7.2	—	
6.9	6.9	6.2	4.5	5.8	7.6	6.3	5.5	7.2	8.3	7.3	—	
ins. 2.260	ins. 1.260	ins. 0.440	ins. 0.640	ins. 1.390	ins. 1.650	ins. 5.340	ins. 1.040	ins. 2.250	ins. 3.300	ins. 5.280	ins. 1.700	ins. 26.550
3rd	11th	7th	8th	1st	17th	21st	13th	21st	1st	10th	7th	—
19	12	8	5	11	14	14	9	13	21	21	12	159
0	6	2	0	0	0	0	0	0	0	3	6	17
0	0	0	0	0	0	0	0	1	1	1	0	2
0	4	3	4	6	5	4	1	4	2	1	3	9
—	16	15	11	4	10	2	1	9	15	21	17	—
—	0	0	0	0	0	0	0	0	0	0	0	—
†1	2	4	9	4	1	6	5	5	2	8	2	39
2	6	7	3	3	5	6	3	9	3	4	2	56
3	8	0	2	7	4	9	1	5	11	5	1	63
12	0	2	6	7	6	3	2	3	4	4	14	51
15	2	4	2	7	11	4	7	5	5	4	11	78
16	1	1	5	13	12	3	14	11	12	9	11	111
9	2	1	4	7	6	8	5	5	0	4	9	60
2	5	6	3	6	3	6	5	11	3	5	4	50
†2	30	38	26	8	12	17	20	13	22	19	15	222



## CHEADLE, STAFFORD.

Long. 1° 57' W. Lat. 52° 28' N. Height above Mean Sea Level, 646 feet.

Months.	Mean Pressure.	Air Temperature.									Tension of Vapour.			Relative Humidity.		
		9 a.m.	9 p.m.	Mean.	Means of		Absolute Min. and Max.				9 a.m.	9 p.m.	Mean.	9 a.m.	9 p.m.	Mean.
					Min.	Max.	Min.	Day.	Max.	Day.						
January -	ins. 29.831	39.9	40.8	40.4	36.3	44.7	13.4	1st	51.5	19th	in. 232	in. 239	in. 236	% 92	% 92	% 92
February -	30.059	33.5	34.0	33.8	30.6	38.4	22.2	9th	50.0	14th	170	174	172	86	87	86
March -	167	38.5	37.7	38.1	34.1	44.7	27.0	5th	54.4	8th	203	200	201	85	86	86
April -	30.063	45.8	43.8	44.8	38.1	53.8	30.2	14th	68.0	20th	226	224	225	73	78	76
May -	29.998	52.1	49.4	50.7	43.3	60.0	37.0	30th	71.8	14th	301	284	293	77	79	78
June -	890	55.9	53.0	54.5	48.0	62.7	41.8	13th	76.0	3rd	342	336	339	77	83	80
July -	29.988	57.2	54.9	56.0	49.8	64.2	42.2	{ 13th & 26th	73.5	29th	373	365	369	79	85	82
August -	30.036	59.1	57.8	58.5	52.1	66.3	42.7	5th	77.8	16th	408	405	406	81	85	83
September -	30.032	56.2	55.1	55.7	50.4	62.9	42.2	29th	74.2	19th	393	385	389	87	89	88
October -	29.782	45.6	44.8	45.2	41.0	51.7	32.2	12th	63.3	4th	280	271	276	92	91	91
November -	29.807	38.9	39.8	39.3	35.7	44.6	26.0	26th	57.9	4th	217	227	222	92	93	93
December -	30.096	37.0	37.9	37.5	34.0	41.3	23.0	6th	53.1	22nd	200	206	203	91	90	90
Year	29.979	46.6	45.8	46.2	41.1	52.9	—	—	—	—	279	276	278	84.3	86.5	85.4

## AUDLEY END, ESSEX.

Long. 0° 13' E. Lat. 52° 1' N. Height above Mean Sea Level, 162 feet.

January	ins. 29.938	41.9	42.1	42.0	37.9	46.3	7.0	1st	54.0	19th	in. 246	in. 246	in. 246	% 90	% 90	% 90
February	30.073	33.6	34.2	33.9	29.4	39.6	18.6	24th	50.7	14th	173	179	176	88	89	88
March	179	40.3	38.8	39.5	33.4	47.0	23.6	5th	57.0	7th & 8th	210	204	207	82	84	83
April	076	48.2	42.9	45.6	36.0	56.7	24.0	23rd	70.3	30th	256	241	249	75	86	80
May	30.031	57.8	51.0	54.4	43.8	65.1	33.2	31st	79.5	15th	343	314	328	71	83	77
June	29.933	62.0	56.0	59.0	48.4	69.2	40.3	19th	81.0	4th	398	381	390	71	84	78
July	29.986	60.8	55.8	58.3	50.9	67.3	42.0	26th	77.0	29th	430	411	420	81	92	86
August	30.062	64.6	58.3	61.4	51.9	72.4	39.2	2nd	85.0	16th	461	438	450	76	90	83
September	30.061	61.5	56.3	58.9	51.8	68.4	43.2	5th	79.2	19th	433	404	418	79	89	84
October	29.817	49.7	46.6	48.2	41.1	54.3	29.0	13th	68.6	5th	313	293	303	88	92	90
November	29.813	42.0	40.7	41.3	36.1	46.5	27.0	26th	58.0	18th	238	238	238	89	94	91
December	30.117	37.7	38.0	37.9	32.7	41.8	10.7	5th	54.6	22nd	206	218	212	91	95	93
Year	30.007	50.0	46.7	48.4	41.1	56.2	—	—	—	—	309	297	303	81.7	89.0	85.3

## CARMARTHEN.

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

January	ins. 29.833	45.2	45.8	45.5	*42.1	*49.5	30.0	1st	53.4	{ 15th & 30th }	in. 288	in. 292	in. 290	% 94.5	% 93.6	% 94.1
February	30.036	37.8	37.4	37.6	34.2	43.6	25.3	24th	53.2	12th	205	206	205	87.0	89.5	88.3
March	150	42.8	40.7	41.8	36.4	48.3	27.8	21st	57.8	31st	228	222	225	81.4	85.9	83.7
April	30.027	50.2	46.1	48.1	39.1	56.8	30.7	23rd	71.5	20th	274	268	271	76.3	86.3	81.3
May	29.987	56.5	51.0	53.8	46.4	61.9	40.2	19th	74.2	14th	360	335	348	79.2	89.7	84.5
June	881	58.5	53.8	56.1	49.6	64.1	43.9	19th	75.5	2nd	399	385	392	81.6	92.7	87.2
July	29.969	60.8	56.5	58.7	51.5	67.0	40.6	26th	76.3	7th	434	420	427	81.8	91.9	86.9
August	*30.018	62.5	58.1	60.3	53.2	*69.5	44.3	5th	73.2	8th	495	474	484	88.3	97.2	92.8
September	29.993	60.3	57.8	59.0	53.1	†67.8	43.7	9th	75.2	7th	458	450	454	87.8	93.4	90.6
October	*733	50.5	*48.5	*49.5	*43.7	*56.1	32.0	16th	64.2	1st	319	*305	*312	85.5	*88.1	*86.8
November	29.811	43.4	43.2	43.3	39.1	50.2	23.3	27th	60.6	3rd	247	255	251	84.5	86.4	85.5
December	*30.111	40.1	40.3	40.2	36.1	45.7	23.1	6th	54.9	22nd	237	239	238	92.2	92.5	92.4
Year	29.962	50.7	48.3	49.5	43.7	56.7	—	—	—	—	329	321	325	85.0	90.6	87.8

\* One observation lost.

† Two observations lost.

## CHEADLE, STAFFORD.

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

Months.	Amount of Cloud.			Rainfall.			Weather, No. of Days of								Wind, No. of Observations of									
	9 a.m.	9 p.m.	Mean.	Total.	Max.	Day.	Rain.	Snow.	Hail.	Thunder Storms.	Clear Sky.	Overcast.	Gales.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Calm.		
January -	8.0	8.1	8.0	ins.	ins.	29th	28	4	1	2	0	18	1	1	2	4	5	12	20	9	4	5		
February -	7.9	8.1	8.0	1.540	.350	11th	17	10	0	0	2	19	0	7	17	10	4	3	4	1	5	5		
March -	7.3	6.5	6.9	0.730	.190	5th	12	6	0	0	1	13	2	6	11	11	2	0	8	6	13	5		
April -	5.0	5.1	5.0	0.430	.110	4th	10	0	1	0	6	8	0	3	13	6	5	4	5	5	7	12		
May -	6.5	3.9	5.2	1.630	.300	1st	15	0	2	1	5	7	0	7	3	4	5	4	10	8	12	9		
June -	7.2	5.9	6.6	3.130	.530	29th	17	0	0	7	2	9	0	3	8	3	2	5	17	5	9	8		
July -	7.1	6.0	6.5	6.970	1.380	14th	19	0	1	6	2	13	1	9	7	5	4	2	1	4	14	16		
August -	6.8	5.0	5.9	2.500	.610	11th	15	0	0	4	2	5	0	4	3	6	2	3	14	4	4	22		
September -	6.3	6.0	6.2	4.620	.870	8th	18	0	1	3	4	9	1	1	2	16	5	7	6	7	4	12		
October -	7.3	5.7	6.5	6.390	1.580	19th	18	0	1	1	2	13	0	2	6	14	9	4	9	5	4	9		
November -	7.7	7.9	7.8	4.170	.860	13th	20	5	3	0	1	17	1	10	11	4	7	5	6	4	7	6		
December -	8.3	7.4	7.8	1.660	.480	31st	16	7	0	0	2	19	0	9	7	0	1	5	19	4	5	12		
Year -	7.1	6.3	6.7	37.350	—	—	205	32	10	24	29	150	6	62	90	83	51	54	119	62	88	121		

## AUDLEY END, ESSEX.

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

January	7.5	7.5	7.5	ins. 2.240	ins. 3.10	{ 1st & 29th }	19	1	0	1	3	19	0	0	4	0	6	15	21	3	6	7
February	7.4	6.7	7.1	0.870	1.200	11th	13	4	0	0	2	14	0	2	19	4	4	0	8	0	6	13
March	7.7	6.1	6.9	0.570	1.150	6th	14	5	1	1	3	15	0	4	23	3	5	0	7	2	14	4
April	6.1	4.5	5.3	1.090	1.460	9th	9	0	0	0	8	9	0	2	15	1	5	0	10	4	10	13
May	5.7	2.6	4.1	1.800	1.530	7th	10	0	0	4	5	5	0	0	2	3	4	0	24	5	17	7
June	5.9	4.4	5.2	2.900	1.540	10th	18	0	1	9	4	6	0	1	7	3	2	3	27	3	6	8
July	7.8	6.4	7.1	4.940	1.850	{ 14th & 21st }	18	0	0	3	1	14	0	2	9	1	4	2	7	6	14	17
August	7.2	4.1	5.6	1.010	1.350	28th	11	0	0	1	0	6	0	7	0	0	0	4	14	1	10	26
September	6.8	4.2	5.5	3.030	1.000	21st	15	0	0	3	3	9	0	2	6	0	5	0	13	2	10	22
October	7.1	6.6	6.9	3.150	1.700	2nd	16	0	0	1	3	15	0	0	4	0	16	0	15	3	3	21
November	7.8	8.2	8.0	3.890	1.020	10th	19	3	0	0	0	19	0	0	9	0	9	1	5	4	15	17
December	7.8	8.2	8.0	0.960	1.210	2nd	16	8	0	0	2	19	0	0	1	0	5	4	14	2	14	22
Year	7.1	5.8	6.4	26.450	—	—	178	21	2	23	34	150	0	20	99	15	65	29	165	35	125	177



## CHIGWELL ROW.

Long. 0° 6' E. Lat. 51° 37' N. Height above Mean Sea Level, 186 feet.

Months.	Mean Pressure.	Air Temperature.										Tension of Vapour.			Relative Humidity.		
		9 a.m.	9 p.m.	Mean.	Means of		Absolute Min. and Max.				9 a.m.	9 p.m.	Mean.	9 a.m.	9 p.m.	Mean.	
					Min.	Max.	Min.	Day.	Max.	Day.							
January	ins. 29.970	42.5	42.4	42.5	38.4	46.2	17.3	1st	52.4	18th	25.4	25.0	25.2	94	92	93	
February	30.085	34.5	35.2	34.9	31.6	39.2	25.3	24th	49.0	14th	18.2	18.2	18.2	91	88	90	
March	196	40.2	39.6	39.9	34.1	45.9	27.3	23rd	55.5	7th & 8th	21.1	20.6	20.9	85	85	85	
April	102	47.6	45.3	46.5	38.3	54.8	30.3	14th	68.0	20th	26.0	25.0	25.5	79	83	81	
May	30.063	56.1	53.2	54.7	45.8	62.6	37.3	31st	76.0	15th	34.7	33.0	33.9	76	81	79	
June	29.962	59.5	57.3	58.4	49.6	66.4	43.8	1st	76.6	3rd & 28th & 29th	37.9	38.0	38.0	74	80	77	
July	30.010	59.7	57.8	58.8	51.6	64.9	43.1	13th	73.0		41.1	40.4	40.8	80	84	82	
August	091	63.4	60.9	62.2	55.1	70.1	45.3	2nd	83.0	16th	44.1	44.0	44.1	76	83	80	
September	30.092	61.3	58.2	59.8	52.2	67.4	43.9	30th	79.0	18th	42.7	41.2	42.0	79	85	82	
October	*29.821	†49.5	†48.3	48.9	43.2	†56.1	32.3	12th	†68.5	6th	†30.6	†29.9	†30.3	†87	†89	88	
November	29.820	41.9	42.5	42.2	36.6	49.3	27.3	27th	57.0	19th	23.0	23.8	23.4	88	87	88	
December	30.054	37.9	38.2	38.1	34.3	42.1	23.3	6th	54.0	22nd	21.3	21.2	21.3	94	93	94	
Year	30.022	49.5	48.2	48.9	—	—	—	—	—	—	30.5	30.0	30.3	83.6	85.8	84.7	

\* 3 obs. lost, viz., 17th, 9 p.m.; 18th, 9 a.m. and 9 p.m. † No observation on the 18th. ‡ No observation on the 17th.

## MARLBOROUGH, WILTS.

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

		ins.									in.	in.	in.	%	%	%	
January	-	29.934	42.6	43.3	43.0	39.5	47.6	28.5	22nd	52.7	18th	25.5	26.2	25.9	92	92	92
February	-	30.067	33.0	34.7	33.8	30.8	40.0	23.6	9th	52.4	14th	17.1	18.8	17.9	88	91	89
March	-	182	39.2	39.6	39.4	34.4	46.9	27.7	16th	55.2	31st	20.5	21.2	20.9	83	85	84
April	-	075	47.4	44.5	46.0	37.1	55.7	28.5	14th	71.0	20th	24.9	25.4	25.1	75	86	81
May	-	30.038	55.3	51.0	53.1	44.5	63.4	38.0	3rd	79.2	15th	33.1	31.9	32.5	75	85	80
June	-	29.935	59.6	54.7	57.2	48.8	67.0	40.5	22nd	79.9	3rd	39.3	37.3	38.3	77	86	82
July	-	29.998	59.4	56.0	57.7	50.3	66.6	39.6	13th	76.7	29th	40.9	40.6	40.8	81	90	85
August	-	30.064	62.7	58.0	60.3	52.6	70.8	41.2	1st	81.9	16th	44.6	43.2	43.9	78	90	84
September	-	30.060	59.8	56.3	58.1	50.8	68.2	41.2	11th	78.0	18th	44.7	41.5	43.1	87	91	89
October	-	29.800	48.0	46.0	47.0	42.3	54.0	31.9	12th	67.6	5th	30.3	29.5	29.9	90	95	93
November	-	29.842	40.4	41.2	40.8	37.0	47.0	25.8	26th	59.4	4th	23.4	24.7	24.0	93	95	94
December	-	30.148	37.1	37.7	37.4	33.7	42.2	19.0	6th	52.9	22nd	20.5	21.3	20.9	93	94	93
Year	-	30.012	48.7	46.9	47.8	41.8	55.8	—	—	—	—	30.4	30.1	30.3	84.3	90.0	87.2

## CHATHAM.

Long. 0° 32' E. Lat. 51° 24' N. Height above Mean Sea Level, 114 feet.

		ins.										in.	in.	in.	%	%	%
January	-	29.943	43.2	42.6	42.9	38.6	47.2	14.5	1st	52.5	19th	26.3	25.7	26.0	94	94	94
February	-	30.026	35.1	35.9	35.5	30.6	40.9	23.8	24th	50.0	{ 15th & 16th }	18.9	19.7	19.3	93	93	93
March	-	098	41.1	41.1	41.1	34.0	45.7	26.0	5th	56.5	9th	21.4	23.2	22.3	83	90	87
April	-	048	48.5	44.8	46.7	38.1	55.1	30.0	8th	70.6	27th	26.7	25.3	26.0	78	85	82
May	-	30.010	58.5	53.6	56.1	47.9	64.5	43.0	3rd & 17th	80.0	15th	35.2	34.4	34.8	72	83	78
June	-	29.870	62.3	58.0	60.2	52.0	68.7	47.0	1st & 18th	79.0	4th	40.7	40.1	40.4	72	83	78
July	-	29.953	60.9	59.4	60.2	54.5	65.8	48.0	13th	73.0	{ 18th & 20th }	42.4	42.2	42.3	79	83	81
August	-	30.033	65.0	63.0	64.0	56.9	72.1	47.0	5th	85.0	16th	47.9	47.4	47.7	78	82	80
September	-	30.044	63.1	63.1	63.1	55.7	70.4	50.0	16th	80.0	{ 8th & 20th }	46.1	43.9	45.0	80	76	78
October	-	29.789	50.9	49.8	50.4	44.1	59.0	34.0	30th	66.0	6th	32.8	31.3	32.1	88	87	88
November	-	29.807	43.0	43.3	43.2	34.1	51.5	29.0	{ 29th & 30th }	59.5	9th	25.5	25.9	25.7	92	93	93
December	-	30.134	39.2	39.5	39.4	33.1	42.8	25.0	6th	54.0	22nd	23.4	23.2	23.3	98	96	97
Year	-	29.980	50.9	49.5	50.2	—	—	—	—	—	—	32.3	31.9	32.1	83.9	87.1	85.5

NOTE.—Min. and Max. therms. read at 9 a.m. till March 31st, but at 9 p.m. from April 1st.

## CHIGWELL ROW.

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

Months.	Amount of Cloud.			Rainfall.			Weather, No. of Days of							Wind, No. of Observations of								
	9 a.m.	9 p.m.	Mean.	Total.	Max.	Day.	Rain.	Snow.	Hail.	Thunder Storms.	Clear Sky.	Overcast.	Gales.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Calm.
January	8.5	8.0	8.3	ins. 2.380	ins. 5.10	30th	14	8	0	0	2	22	0	2	4	5	13	15	19	3	1	0
February	8.3	7.2	7.8	0.860	3.20	12th	7	6	3	0	1	15	0	9	18	5	4	3	4	5	8	0
March	7.9	7.7	7.8	0.580	2.20	27th	5	7	4	0	2	20	0	12	20	4	0	1	11	4	10	0
April	6.5	4.7	5.6	1.310	7.40	8th	5	0	2	0	7	9	0	10	13	10	3	7	6	8	3	0
May	6.8	5.4	6.1	1.580	5.90	1st	8	0	1	1	0	6	0	8	6	6	5	10	20	4	3	0
June	7.5	6.2	6.9	2.810	6.00	28th	11	0	1	5	2	9	0	4	8	2	3	11	19	9	3	1
July	7.7	7.1	7.4	4.980	1.300	14th	12	0	0	2	1	12	0	9	9	7	3	7	12	9	3	3
August	7.3	4.8	6.1	1.090	5.30	19th	4	0	0	3	1	5	0	4	6	6	2	16	13	7	6	2
September	7.0	4.6	5.8	2.810	7.70	21st	10	0	0	4	2	7	0	4	14	5	7	9	9	7	2	3
October	*7.6	*6.9	*7.3	3.220	7.30	8th	15	*0	*2	*1	*1	*12	*0	*2	5	10	4	6	14	4	4	2
November	8.3	7.5	7.9	3.660	7.00	10th	14	4	0	0	0	15	2	11	9	2	5	3	8	7	8	7
December	9.0	7.5	8.3	0.930	2.20	2nd	9	6	0	0	1	21	0	7	5	3	6	8	16	10	7	0
Year	7.7	6.5	7.1	26.210	—	—	114	31	13	16	20	153	2	82	117	65	55	96	151	77	58	18

\* No observations 9 p.m. 17th–9 p.m. 22nd inclusive, Dr. Campbell ill.

## MARLBOROUGH, WILTS.

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

January	-	-	8.4	8.6	8.5	ins.	ins.	1st	23	2	1	1	2	23	1	0	0	2	2	7	6	9	0	15
February	-	-	6.9	6.6	6.8	4.532	5.62	6th	13	8	1	0	4	15	0	2	3	19	2	1	2	1	0	24
March	-	-	6.9	7.2	7.0	1.334	5.75	6th	8	2	3	0	3	16	0	4	6	14	2	2	4	6	2	22
April	-	-	6.0	4.7	5.4	1.642	3.40	6th	11	0	3	0	9	9	0	2	7	13	1	2	6	6	1	22
May	-	-	6.9	3.6	5.2	2.513	5.79	28th	13	0	0	1	6	10	0	3	5	1	3	3	10	11	4	22
June	-	-	7.6	5.1	6.4	2.781	5.42	13th	18	0	1	2	2	8	0	1	4	1	0	2	15	12	1	24
July	-	-	8.3	5.8	7.0	5.599	2.322	14th	13	0	0	0	2	14	0	1	9	6	2	2	3	11	3	25
August	-	-	6.7	5.9	6.3	2.118	.965	12th	13	0	0	3	4	10	0	1	1	3	2	5	5	10	4	31
September	-	-	6.8	5.3	6.1	3.781	.825	21st	17	0	0	1	4	11	0	1	3	10	2	3	5	8	1	27
October	-	-	8.2	6.9	7.5	7.644	1.315	9th	17	0	0	1	3	19	0	2	2	11	10	4	5	10	1	17
November	-	-	8.2	7.9	8.1	4.329	.791	13th	18	7	0	0	1	20	0	6	4	12	3	2	3	18	2	10
December	-	-	8.4	7.1	7.7	1.313	.350	2nd	16	4	0	0	2	18	0	4	3	3	1	7	5	12	1	26
Year	-	-	7.4	6.2	6.8	39.711	—	—	180	23	9	9	42	173	1	27	47	95	30	40	69	114	20	265



## BATH.

Long. 2° 24' W. Lat. 51° 23' N. Height above Mean Sea Level, 144 feet.

Months.	Mean Pressure.	Air Temperature.									Tension of Vapour.			Relative Humidity.		
		Means of			Absolute Min. and Max.											
		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.
January	ins. 29.882	45.2	46.0	45.6	40.1	49.7	18.6	1st	55.1	14th	in. 27.5	in. 28.4	in. 28.0	% 89	% 90	% 90
February	30.012	35.1	37.1	36.1	32.5	41.8	25.7	5th	55.5	14th	189	206	197	90	90	90
March	124	42.3	42.3	42.3	36.4	48.5	29.3	16th	57.2	31st	219	232	226	79	83	81
April	30.020	49.7	46.4	48.0	39.4	57.4	32.7	14th	73.0	20th	254	241	247	71	75	73
May	29.984	57.0	54.9	56.0	46.4	65.1	41.8	11th & 27th	77.5	15th	351	356	354	75	82	78
June	878	60.9	58.8	59.8	50.4	67.5	42.1	22nd	80.8	3rd	412	434	423	76	87	82
July	29.981	60.1	60.1	60.1	51.9	68.4	43.0	13th	77.0	29th	419	479	449	81	92	86
August	30.075	63.3	63.1	63.2	54.9	71.4	44.2	1st	82.5	16th	481	518	499	83	90	86
September	30.005	60.6	60.0	60.3	52.8	67.9	43.8	11th	78.0	18th	453	476	465	86	92	89
October	29.741	49.2	48.1	48.6	43.6	54.3	35.0	15th	66.7	5th	324	327	325	92	97	94
November	29.855	42.9	43.7	43.3	38.6	48.6	27.6	26th	60.6	3rd	254	275	265	92	96	94
December	30.102	39.1	39.5	39.3	35.4	44.1	23.2	5th	55.3	21st	225	228	226	95	94	95
Year	29.972	50.4	50.0	50.2	43.5	57.1	—	—	—	—	321	338	330	84.1	89.0	86.5

## STRATHFIELD TURGISS.

Long. 1° 0' W. Lat. 51° 20' N. Height above Mean Sea Level, 196 feet.

Months.	ins.	9 a.m.	9 p.m.	Mean.	Min.	Max.	Min.	Day.	Max.	Day.	in.	in.	in.	%	%	%
January	29.947	43.3	42.2	42.8	37.8	48.3	10.3	1st	53.3	19th	266	257	262	93.5	94.0	93.8
February	30.056	34.5	34.8	34.6	30.4	40.5	23.0	6th	50.8	14th	180	188	184	88.4	91.1	89.8
March	174	40.7	40.3	40.5	34.5	47.8	27.3	10th	57.1	31st	216	219	217	83.8	86.2	85.0
April	*064	48.0	44.4	46.2	36.1	57.5	26.3	14th	73.0	20th	262	264	263	78.4	90.0	84.2
May	30.038	57.3	52.2	54.8	43.8	65.5	34.7	17th	80.1	15th	361	349	355	76.9	89.1	83.0
June	29.937	60.2	55.8	58.0	48.2	68.6	40.0	22nd	82.4	3rd	410	397	404	79.0	88.9	84.0
July	*29.979	60.8	56.3	58.5	49.9	68.4	40.2	13th	77.8	29th	429	412	420	81.2	90.3	85.8
August	*30.068	63.1	58.8	61.0	52.0	72.7	40.4	1st	83.9	16th	464	450	457	80.5	90.2	85.4
September	30.057	60.6	56.3	58.4	49.8	70.1	40.0	11th	81.4	18th	444	418	431	83.9	91.5	87.7
October	29.803	49.5	46.7	48.1	41.3	55.2	29.4	12th	69.5	5th	321	307	314	89.0	94.2	91.6
November	29.830	41.8	41.9	41.9	36.2	48.3	23.3	25th	59.1	4th	244	254	249	89.4	90.4	89.9
December	30.138	*37.9	37.6	*37.8	33.2	42.9	19.0	5th	53.9	21st	*209	*213	*211	*89.7	90.8	*90.3
Year	30.007	49.8	47.3	48.6	41.1	57.2	—	—	—	—	317	311	314	84.5	90.6	87.5

\* One observation lost.

† Two observations lost.

## CROWBOROUGH BEACON, SUSSEX.

Long. 0° 10' E. Lat. 51° 3' N. Height above Mean Sea Level, 776 feet.

Months.	ins.	9 a.m.	9 p.m.	Mean.	Min.	Max.	Min.	Day.	Max.	Day.	in.	in.	in.	%	%	%
January	29.978	41.7	40.7	41.2	37.3	44.9	22.3	1st	49.7	28th	252	247	249	94	95	94
February	30.053	33.2	33.3	33.2	30.0	37.4	22.1	23rd	47.1	1st & 15th	179	180	180	93	93	93
March	170	38.8	37.8	38.3	33.6	43.4	26.6	19th	54.9	27th	202	198	200	83	85	84
April	071	46.9	42.0	44.5	38.4	52.9	31.6	24th	76.8	21st	239	226	232	73	84	79
May	30.044	55.4	49.6	52.5	45.3	60.6	38.2	31st	74.2	15th	326	310	318	73	86	79
June	29.946	58.4	53.2	55.8	48.7	63.6	44.4	17th	77.5	3rd	385	367	376	78	90	84
July	29.979	59.4	55.2	57.3	51.5	63.9	45.3	13th	72.4	29th	405	393	399	80	90	85
August	30.066	62.1	57.5	59.8	54.0	67.7	45.6	5th	77.6	16th	440	430	435	79	91	85
September	30.060	60.0	56.2	58.1	52.5	65.3	45.4	29th	75.7	18th	432	414	423	83	91	87
October	29.810	48.8	45.8	47.3	42.7	52.1	37.0	12th	62.6	4th	309	296	303	90	96	93
November	29.817	40.7	41.0	40.8	36.8	45.2	26.0	30th	55.1	18th	237	246	241	93	96	94
December	30.145	37.0	36.7	36.9	33.4	39.4	20.4	6th	50.1	22nd	210	213	212	95	98	97
Year	30.012	48.5	45.7	47.1	42.0	53.0	—	—	—	—	301	293	297	84.5	91.2	87.8

## BATH.

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

Months.	Amount of Cloud.			Rainfall.			Weather, No. of Days of								Wind, No. of Observations of									
	9 a.m.	9 p.m.	Mean.	Total.	Max.	Day.	Rain.	Snow.	Hail.	Thunder Storms.	Clear Sky.	Overcast.	Gales.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Calm.		
January	-	8.0	7.7	7.9	ins. 4.990	.880	2nd	24	1	2	1	1	20	10	0	2	2	8	6	19	7	0	18	
February	-	7.3	7.9	7.6	2.708	.850	25th	13	9	0	0	2	16	7	6	18	8	1	1	6	1	1	14	
March	-	7.5	7.2	7.3	1.110	.485	7th	12	5	0	0	4	16	11	3	15	10	1	2	6	8	8	9	
April	-	6.2	4.6	5.4	1.699	.330	7th	9	2	4	0	6	10	8	2	16	7	4	1	8	4	3	15	
May	-	5.3	3.4	4.4	2.307	.540	6th	15	0	2	1	7	4	6	2	8	2	3	2	14	24	2	5	
June	-	6.7	5.5	6.1	3.697	1.025	10th	17	0	3	5	4	9	5	1	3	2	0	3	17	17	3	14	
July	-	6.4	5.4	5.9	5.785	2.710	14th	18	0	0	1	2	9	4	6	7	4	3	1	7	7	4	23	
August	-	6.6	7.0	6.8	1.262	.450	28th	10	0	0	2	1	13	0	7	2	2	1	6	10	5	6	23	
September	-	6.8	5.6	6.2	3.802	.850	21st	16	0	1	4	4	10	6	0	7	12	5	2	7	9	4	14	
October	-	8.5	7.1	7.8	6.542	.950	9th	23	0	0	0	0	19	7	3	4	14	7	2	9	4	10	9	
November	-	8.1	7.9	8.0	4.443	.770	13th	20	3	1	0	0	19	8	4	11	3	0	4	5	11	6	16	
December	-	7.9	6.3	7.1	1.466	.380	2nd	14	4	0	0	1	13	6	4	4	0	1	8	6	4	2	33	
Year	-	7.1	6.3	6.7	39.811	—	—	191	24	13	14	32	158	78	38	97	66	34	38	114	101	49	193	

## STRATHFIELD TURGISS.

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

Months.	ins.	9 a.m.	9 p.m.	Mean.	Min.	Max.	Min.	Day.	Max.	Day.	in.	in.	in.	%	%	%
January	29.947	43.3	42.2	42.8	37.8	48.3	10.3	1st	53.3	19th	266	257	262	93.5	94.0	93.8
February	30.056	34.5	34.8	34.6	30.4	40.5	23.0	6th	50.8	14th	180	188	184	88.4	91.1	89.8
March	174	40.7	40.3	40.5	34.5	47.8	27.3	10th	57.1	31st	216	219	217	83.8	86.2	85.0
April	*064	48.0	44.4	46.2	36.1	57.5	26.3	14th	73.0	20th	262	264	263	78.4	90.0	84.2
May	30.038	57.3	52.2	54.8	43.8	65.5	34.7	17th	80.1	15th	361	349	355	76.9	89.1	83.0
June	29.937	60.2	55.8	58.0	48.2	68.6	40.0	22nd	82.4	3rd	410	397	404	79.0	88.9	84.0
July	*29.979	60.8	56.3	58.5	49.9	68.4	40.2	13th	77.8	29th	429	412	420	81.2	90.3	85.8
August	*30.068	63.1	58.8	61.0	52.0	72.7	40.4	1st	83.9	16th	464	450	457	80.5	90.2	85.4
September	30.057	60.6	56.3	58.4	49.8	70.1	40.0	11th	81.4	18th	444	418	431	83.9	91.5	87.7
October	29.803	49.5	46.7	48.1	41.3	55.2	29.4	12th	69.5	5th	321	307	314	89.0	94.2	91.6
November	29.830	41.8	41.9	41.9	36.2	48.3	23.3	25th	59.1	4th	244	254	249	89.4	90.4	89.9
December	30.138	*37.9	37.6	*37.8	33.2	42.9	19.0	5th	53.9	21st	*209	*213	*211	*89.7	90.8	*90.3
Year	30.007	49.8	47.3	48.6	41.1	57.2	—	—	—	—	317	311	314	84.5	90.6	87.5

## CROWBOROUGH BEACON, SUSSEX.

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

		ins.		ins.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
--	--	------	--	------	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--



## HASTINGS.

Long. 0° 38' E. Lat. 50° 52' N. Height above Mean Sea Level, 179 feet.

Months.	Mean Pressure.	Air Temperature.										Tension of Vapour.			Relative Humidity.		
		9 a.m.	9 p.m.	Mean.	Means of		Absolute Min. and Max.				9 a.m.	9 p.m.	Mean.	9 a.m.	9 p.m.	Mean.	
					Min.	Max.	Min.	Day.	Max.	Day.							
January -	ins. 29.988	43.9	43.3	43.6	*40.2	46.7	*23.4	1st	50.1	18th	.265	.263	.264	92	94	93	
February -	30.041	36.0	36.0	36.0	32.6	40.1	25.5	23rd	49.5	15th	*180	*184	*182	85	87	86	
March -	.159	41.0	39.5	40.3	35.6	45.5	26.9	19th	54.6	30th	*207	*204	*206	81	84	83	
April -	.063	48.9	43.6	46.3	40.0	52.5	33.0	{ 24th & 25th	68.0	20th	*253	*230	*242	73	81	77	
May -	30.043	56.3	50.6	53.5	47.3	60.4	38.8	31st	71.2	15th	*336	*323	*330	74	88	82	
June -	†29.949	†59.8	55.3	57.6	†52.2	64.0	†46.9	1st	77.1	3rd	†396	*380	*388	77	87	82	
July -	29.975	62.4	57.1	59.8	54.3	65.8	46.3	13th	75.1	29th	*424	*408	*416	75	87	81	
August -	30.068	63.3	60.0	61.7	56.2	69.2	47.7	2nd	78.1	16th	*468	*450	*459	80	87	84	
September	30.064	61.3	59.0	60.2	54.7	67.0	46.8	29th	76.1	8th	*444	*433	*439	82	87	85	
October -	29.818	51.0	49.6	50.3	45.2	54.9	39.0	10th	63.9	4th	*315	*309	*312	84	87	86	
November	29.821	42.9	43.2	43.1	\$38.5	48.2	\$27.9	27th	57.2	{ 13th & 18th	*243	*257	*250	88	92	90	
December	30.140	38.3	38.6	38.5	35.5	41.4	22.3	7th	50.5	22nd	*210	*217	*214	91	93	92	
Year -	30.011	50.4	48.0	49.2	—	—	—	—	—	—	*312	*305	*309	81.8	87.8	84.8	

NOTE.—The observations were taken at 10 a.m. and 10 p.m. till July 31st, then at 9 a.m. and 9 p.m.

\* No observation on January 18th. † No observation at 10 a.m. 1st June. ‡ No observation on June 21st. § No observation on November 6th.

## DARTMOOR.

Long. 3° 59' W. Lat. 50° 33' N. Height above Mean Sea Level, 1,872 feet.

January -	ins. 29.997	42.2	43.3	42.8	37.8	47.6	28.0	1st	50.6	20th	in. 265	in. 277	in. 271	% 97.3	% 97.5	% 97.4
February -	30.112	34.0	33.4	33.7	30.0	40.3	21.0	25th	50.2	15th	*190	*186	*188	94.2	94.2	94.2
March -	239	37.5	†36.5	†37.0	32.6	43.7	24.8	1st & 3rd	51.8	16th	*206	†197	†202	90.3	†88.8	†89.6
April -	135	44.2	39.5	41.9	35.0	50.8	29.6	14th	63.4	20th	*239	*218	*229	83.1	89.5	86.3
May -	112	*51.5	47.0	*49.3	40.7	61.3	35.4	21st	73.8	15th	*317	*299	*308	*83.8	92.2	*88.0
June -	*021	52.9	49.8	51.3	45.8	59.1	41.4	27th	71.6	3rd	*351	*347	*349	87.5	96.2	91.9
July -	084	55.8	52.0	53.9	48.6	63.5	42.5	11th	73.0	28th	*374	*365	*369	84.6	94.1	89.4
August -	154	58.2	54.5	56.4	51.2	63.9	43.8	1st	70.6	16th	*414	*407	*411	85.8	95.2	90.5
September -	30.118	56.3	53.9	55.1	50.5	61.6	41.8	10th	68.6	7th	*418	*405	*411	92.1	96.7	94.4
October -	29.862	46.7	45.2	45.9	41.4	51.1	35.5	14th	60.6	20th	*304	*295	*300	94.6	96.5	95.6
November -	29.939	39.9	39.7	39.8	36.0	44.3	22.0	27th	54.6	2nd	*242	*243	*242	93.6	94.1	93.9
December -	30.220	36.0	36.6	36.3	32.2	39.7	19.0	6th	50.8	21st	*207	*215	*211	94.5	95.5	95.0
Year -	30.083	46.3	44.3	45.3	40.1	52.2	—	—	—	—	*294	*288	*291	90.1	94.2	92.2

\* One observation lost.

† Two observations lost.

## MARKREE CASTLE.

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

January -	ins. 29.628	43.6	44.0	43.8	39.8	49.4	29.0	21st	54.0	13th	in. 273	in. 273	in. 273	% 94.7	% 93.5	% 94.1
February -	30.068	37.9	38.1	38.0	34.2	45.0	27.0	24th	53.2	13th	*211	*209	*210	90.8	89.4	90.1
March -	151	42.8	42.1	42.5	38.1	48.4	29.4	10th	56.4	7th	*226	*235	*231	*83.7	*87.3	*85.5
April -	30.022	49.7	45.9	47.8	39.5	59.0	29.4	13th	74.0	20th & 21st	*275	*254	*265	77.2	81.9	79.6
May -	†29.935	†53.3	†49.6	†51.5	†45.2	†60.3	†37.4	16th	†70.0	14th	†316	†307	†311	†77.5	†86.3	†81.9
June -	29.811	56.3	52.9	54.6	47.5	62.3	38.9	5th	73.6	3rd	*358	*344	*351	79.0	85.5	82.3
July -	30.024	58.4	54.6	56.5	49.3	64.7	36.1	26th	73.4	21st	*387	*376	*382	79.5	87.6	83.6
August -	†29.986	60.4	57.4	58.9	52.2	67.2	40.4	6th	71.6	8th	*443	*429	*436	84.7	90.7	87.7
September -	954	57.5	54.9	56.2	49.9	64.9	37.7	9th	74.4	14th	*407	*393	*400	85.9	90.5	88.2
October -	681	48.9	46.2	47.6	41.5	55.0	27.9	14th	62.6	7th	*311	*290	*301	89.7	91.6	90.7
November -	29.830	41.2	39.5	40.4	35.2	48.2	22.6	11th	59.0	5th	*245	*229	*237	90.3	89.5	89.9
December -	30.011	37.1	38.0	37.6	32.5	45.3	16.3	9th	54.4	21st	*212	*218	*215	92.3	91.7	92.0
Year -	29.925	48.9	46.9	47.9	—	—	—	—	—	—	*305	*296	*301	85.4	88.8	87.1

\* 7 days missing, 9 p.m. 17th.—9 a.m. 24th.

† 30 days only.

## HASTINGS.

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

Months.	Amount of Cloud.			Rainfall.			Weather, No. of Days of								Wind, No. of Observations of								
	9 a.m.	9 p.m.	Mean.	Total.	Max.	Day.	Rain.	Snow.	Hail.	Thunder Storms.	Clear Sky.	Overcast.	Gales.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Calm.	
January -	8.3	6.9	7.6	ins. 4.010	ins. 4.990	1st	21	0	1	1	1	18	4	1	3	0	3	22	22	7	4	0	
February -	7.0	6.1	6.6	0.955	1.55	11th	15	4	4	0	4	13	1	11	21	6	2	4	6	3	3	0	
March -	7.3	7.3	7.3	0.845	2.90	7th	8	4	2	0	5	18	3	16	20	5	1	3	8	4	4	1	
April -	6.3	3.3	4.8	1.260	4.70	8th	10	0	0	0	10	8	3	5	23	9	3	3	8	6	3	0	
May -	5.4	4.5	5.0	0.890	3.00	1st	6	0	1	1	7	9	2	6	11	2	5	9	16	7	3	3	
June -	6.3	5.0	5.7	1.875	5.80	10th	14	0	0	2	8	12	4	3	7	3	1	8	32	3	3	0	
July -	7.3	6.0	6.7	2.210	7.70	14th	14	0	0	0	4	12	2	8	16	3	3	5	15	6	5	1	
August -	7.9	3.9	5.9	2.375	1.030	28th	11	0	0	3	2	7	0	10	11	3	1	4	22	8	3	0	
September -	6.5	4.0	5.3	3.455	1.100	27th	16	0	0	2	6	6	1	3	14	11	4	5	6	12	5	0	
October -	7.1	6.6	6.9	4.715	6.90	3rd	21	0	0	1	4	16	1	5	10	11	5	6	9	12	4	0	
November -	8.2	8.3	8.3	6.100	1.160	10th	22	3	3	1	2	21	11	12	10	3	3	6	8	9	7	2	
December -	8.3	7.3	7.8	1.515	3.15	20th	18	6	1	0	1	19	2	12	8	2	2	11	10	9	5	3	
Year -	7.2	5.8	6.5	30.205	—	—	176	17	12	11	54	159	34	92	154	58	33	86	162	86	49	10	

NOTE.—The observations were taken at 10 a.m. and 10 p.m. till July 31st, then at 9 a.m. and 9 p.m.

## DARTMOOR.

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

January	-	9.4	9.4	9.4	ins. 16.850	ins. 2.010	13th	29	1	1	1	0	26	8	1	0	2	7	13	20	11	6	2
February	-	8.4	7.6	8.0	4.710	1.800	11th	17	8	0	0	2	19	5	1	5	26	3	2	4	5	4	6
March	-	8.0	6.3	7.2	3.630	1.530	7th	12	3	0	0	1	17	10	4	10	20	3	2	3	6	13	1
April	-	6.6	4.0	5.3	2.950	.950	4th	13	2	2	0	6	11	2	2	7	21	6	0	3	6	6	9
May	-	6.2	4.3	5.2	4.690	.920	6th	15	0	1	0	6	10	3	9	7	0	2	6	12	6	12	8
June	-	8.1	7.4	7.8	7.650	1.220	11th	21	0	1	2	1	17	1	1	2	7	0	4	12	15	19	0
July	-	7.3	6.5	6.9	7.960	4.150	14th	17	0	1	0	3	15	3	2	15	3	5	2	7	7	14	7
August	-	7.5	6.7	7.1	5.040	.790	10th	19	0	0	3	2	15	0	0	8	5	0	3	8	18	9	11
September	-	7.9	5.9	6.9	7.970	2.000	21st	21	0	0	2	0	13	8	0	1	15	6	5	8	9	5	11
October	-	8.2	7.4	7.8	9.870	1.310	18th	27	0	2	0	0	15	5	2	5	3	11	4	10	5	9	13
November	-	7.9	7.5	7.7	10.190	1.890	13th	21	1	0	1	0	16	9	3	16	3	6	4	4	6	13	5
December	-	8.3	7.4	7.8	4.160	.940	21st	18	5	0	0	0	19	6	3	12	5	0	11	10	8	3	10
Year	-	7.8	6.7	7.3	85.670	—	—	230	20	8	9	21	193	60	28	88	110	49	56	101	102	113	83



DUBLIN.

Long. 6° 16' W. Lat. 53° 21' N. Height above Mean Sea Level, 51 feet.

Months.	Mean Pressure.	Air Temperature.										Tension of Vapour.			Relative Humidity.		
		9 a.m.	9 p.m.	Mean.	Means of		Absolute Min. and Max.				9 a.m.	9 p.m.	Mean.	9 a.m.	9 p.m.	Mean.	
					Min.	Max.	Min.	Day.	Max.	Day.							
January	ins. 29.734	46.2	46.5	46.4	42.2	51.0	31.1	22nd	56.5	27th	in. 27.2	in. 27.4	in. 27.3	% 87	% 86	% 87	
February	30.077	40.2	41.1	40.7	37.4	44.6	29.0	24th	54.3	13th	21.7	22.2	22.0	87	86	87	
March	179	43.5	44.0	43.8	39.9	47.8	34.0	1st	56.2	7th	23.1	23.6	23.4	82	82	82	
April	30.059	47.6	46.7	47.2	41.4	54.5	33.1	14th	69.4	20th	25.4	25.4	25.4	77	80	79	
May	29.973	55.8	53.1	54.5	47.7	62.0	40.7	19th	72.8	14th	31.6	31.7	31.7	71	78	75	
June	29.858	58.3	54.9	56.6	50.0	63.0	43.2	18th	71.4	24th	36.2	36.2	36.2	74	84	79	
July	30.030	59.0	56.7	57.9	51.7	64.6	43.9	26th	74.3	29th	38.6	38.3	38.5	77	83	80	
August	30.024	60.7	59.7	60.2	55.2	67.0	46.6	5th	73.4	25th	42.0	43.2	42.6	79	84	82	
September	29.991	58.3	57.1	57.7	52.7	63.3	42.0	12th	71.4	2nd	41.6	41.1	41.4	85	88	87	
October	730	49.7	49.0	49.4	45.6	54.6	34.9	14th	66.7	4th	31.3	30.9	31.1	88	89	89	
November	29.840	43.4	44.1	43.8	40.2	48.3	30.9	9th	60.3	3rd	24.9	25.0	25.0	89	87	88	
December	30.070	40.4	41.4	40.9	37.0	45.3	26.7	9th	56.0	21st	21.8	22.5	22.2	87	86	87	
Year	29.964	50.3	49.5	49.9	—	—	—	—	—	—	30.5	30.6	30.6	81.9	84.4	83.2	

BIRR CASTLE, PARSONSTOWN.

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

January	ins. 29.698	44.6	45.3	45.0	40.0	50.8	26.5	22nd	54.9	14th	in. 28.0	in. 27.9	in. 28.0	% 93.8	% 91.3	% 92.6
February	30.060	38.2	38.7	38.5	34.3	45.2	25.4	18th	55.2	13th	22.2	21.8	22.0	93.5	89.9	91.7
March	171	42.4	42.4	42.4	37.6	48.7	29.3	21st	55.5	7th	23.5	23.7	23.6	86.0	86.4	86.2
April	30.045	48.8	44.7	46.8	38.3	58.0	28.0	23rd	71.7	20th	26.7	24.5	25.6	77.3	82.2	79.8
May	29.968	54.1	51.0	52.6	45.5	61.6	35.6	16th	74.3	14th	31.8	31.6	31.7	75.8	83.8	79.8
June	29.858	56.3	53.7	55.0	47.8	63.3	39.3	1st	75.4	3rd	36.9	35.3	36.1	81.3	84.8	83.1
July	30.038	58.6	55.7	57.2	*50.2	66.3	*41.3	26th	74.0	28th	38.2	38.4	38.3	77.7	85.7	81.7
August	30.017	61.2	58.1	59.7	†53.7	67.9	†43.7	1st	73.1	8th	43.3	42.6	43.0	80.3	87.9	84.1
September	29.975	58.4	56.0	57.2	52.5	65.0	37.6	10th	72.8	13th	42.6	41.3	42.0	86.9	91.3	89.1
October	709	48.9	47.7	48.3	43.0	55.7	29.5	14th	66.7	4th	31.6	30.5	31.1	90.7	91.5	91.1
November	29.846	41.1	41.5	41.3	36.7	47.8	23.6	27th	59.9	2nd	24.5	24.6	24.6	90.3	89.4	89.9
December	30.064	38.4	38.8	38.6	34.2	44.7	17.8	9th	55.3	21st	22.5	21.8	22.2	92.4	89.9	91.2
Year	29.954	49.3	47.8	48.6	—	—	—	—	—	—	31.0	30.3	30.7	85.5	87.8	86.7

\* Three days missing. † One day missing.

DUBLIN.

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

Months.	Amount of Cloud.			Rainfall.			Weather, No. of Days of							Wind, No. of Observations of								
	9 a.m.	9 p.m.	Mean.	Total.	Max.	Day.	Rain.	Snow.	Hail.	Thunder Storms.	Clear Sky.	Overcast.	Gales.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Calm.
January	7.3	6.7	7.0	ins. 2.141	ins. 2.79	17th	23	0	5	1	0	10	3	0	0	0	9	19	12	16	2	4
February	8.5	7.4	8.0	2.477	7.02	20th	17	6	5	0	0	16	3	2	7	16	7	1	5	11	4	3
March	7.5	7.5	7.5	1.040	5.35	5th	14	2	3	0	0	16	0	4	5	10	8	3	4	13	9	6
April	5.6	4.7	5.2	1.008	5.63	26th	12	0	0	0	8	6	0	1	10	13	10	3	1	13	1	8
May	6.0	5.3	5.7	1.071	2.31	21st	15	0	2	0	0	2	0	2	4	5	5	3	12	19	10	2
June	7.2	5.9	6.6	2.989	6.36	11th	20	0	3	4	1	7	0	1	2	7	2	2	11	27	5	3
July	6.9	5.5	6.2	2.751	5.06	14th	18	0	2	4	0	8	0	5	11	6	5	3	5	10	12	5
August	6.3	6.1	6.2	1.883	7.48	9th	14	0	1	0	1	7	0	1	7	5	5	4	9	22	4	5
September	6.5	5.9	6.2	3.180	6.10	21st	14	0	0	0	2	8	1	0	3	14	5	4	6	12	4	12
October	7.0	7.0	7.0	7.049	1.355	26th	26	0	0	0	1	13	1	0	5	7	16	3	5	17	5	4
November	7.5	7.3	7.4	3.051	9.43	13th	19	4	9	0	1	15	2	3	5	14	3	5	5	13	7	5
December	5.9	5.8	5.9	1.310	4.40	21st	13	2	5	0	1	6	3	1	2	3	1	7	9	24	8	7
Year	6.9	6.3	6.6	29.950	—	—	205	14	35	9	15	114	13	20	61	100	76	57	84	197	71	64

BIRR CASTLE, PARSONSTOWN.

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

January	7.4	7.5	7.5	ins. 4.854	ins. 5.25	17th	30	0	0	0	1	14	0	1	0	2	25	12	14	7	1	0
February	7.5	7.3	7.4	1.175	1.88	20th	20	3	0	0	1	14	0	10	9	6	10	6	2	3	1	9
March	8.2	8.7	8.5	1.051	3.92	8th	14	1	0	0	0	22	0	3	4	10	12	7	8	5	6	7
April	5.9	4.3	5.1	0.791	1.82	21st	11	0	1	0	6	9	0	5	6	5	14	5	11	4	2	8
May	7.9	7.4	7.7	1.935	5.90	21st	21	0	0	0	0	16	0	3	3	1	9	9	12	11	9	5
June	7.6	7.7	7.7	3.203	4.64	13th	19	0	0	0	2	15	0	2	3	6	4	2	17	14	8	4
July	7.8	6.5	7.2	2.594	5.55	1st	15	0	1	1	1	11	0	4	4	4	7	8	9	5	14	7
August	8.4	8.0	8.2	3.068	1.046	16th	14	0	0	0	0	20	0	4	6	3	4	5	15	4	8	13
September	7.1	6.6	6.9	6.548	1.540	26th	17	0	0	0	2	14	0	1	2	7	17	8	8	6	1	10
October	7.5	8.1	7.8	3.048	5.81	25th	25	0	0	0	1	18	0	0	1	6	23	6	11	6	3	6
November	7.5	7.6	7.6	2.620	6.11	2nd	21	1	0	0	3	18	0	3	7	8	11	4	8	9	7	3
December	7.3	7.3	7.3	1.964	4.29	21st	18	2	0	0	1	14	0	3	4	3	14	12	11	6	2	7
Year	7.5	7.3	7.4	32.851	—	—	225	7	2	1	18	185	0	39	49	61	150	84	126	80	62	79