

Read April 28, 1768.

XIX. *Observations on the Barometer and Thermometer, and Account of the whole Rain in every Month of the Year 1767, taken at the Royal Hospital near Plymouth: By William Farr, M. D. Transmitted to William Watfon, M. D. F. R. S.*

Month. 1767.	Barometer.	Therm.	Winds from what Quarter highest.	Rain.	General Account of the Weather.
January	Highest state 30 20 Lowest D° 28 67	D° 53 D° 24	E. by N. } S. E. } S. } 3	4 630	First part of the month clear; and frost; remainder much rain and stormy weather. January 1st, remarkable gulf of wind E. by N.
February	H. 30 05 L. 29 04	H. 53 L. 48	S. S. W. } S. W. } 3	7.000	Constant rains, only three fair days during the whole month. High winds on the 11th, 19th, and 26th.
March	H. 30 23 L. 29 28	H. 55 L. 44	N. W. } W. by N. } 3	4.270	Sky serene and clear the greatest part of the month; towards the middle and latter end very heavy rains.
April	H. 30 41 L. 29 05	H. 55 L. 45	S. E. } S. S. E. } 3 2''	2.250	Rain from the 20th to the 27th. Storm 21st S. E. the rest of the month very fine weather. Wind mostly E. and S. E. and sometimes N.
May	H. 30 39 L. 29 25	H. 59 L. 50	W. } N. } 3 N. N. W. } 2''	2.860	First part of the month very fine weather; middle and end showery, with hail storms. Air generally sharp through the whole.
June	H. 30 32 L. 29 44	H. 64 L. 53	E. by S. } E. by N. } 2''	.882	The 8th the first warm day this year; from thence to the 17th very fine weather, and in general through the month; though the air was often sharp. No high Winds this month.

July

1767. Month.	Barometer.	Therm.	Winds from what Quarter highest.	Rain.	General Account of Weather.
July	Highest state 29 98 Lowest D° 29 11	H. 65 L. 60	W. by N. } W. by S. } 3 S. E. } S. W. } 2'''	5.560	Almost constant rains during the month; only five fair days.
August	H. 30 21 L. 29 50	H. 69 L. 61	N. N. W } S. W. } 2'''	3.135	First part of the month very fine weather; calm throughout, except from the 14th to the 16th; towards the latter end sultry; 29th, thunder-storm.
September	H. 30 33 L. 29 49	H. 67 L. 60	N. W. } S. } 2'''	2.531	First part of the month constant rains; from the 18th to the latter end remarkably fine weather, and quite serene.
October	H. 30 23 L. 29 15	H. 61 L. 48	S. W. } W. } 3 S. W. } S. E. } 2'''	3.325	From the 8th to the 15th, weather clear and serene, with sharp frosty mornings; rest of the month rain, or hazy weather.
November	H. 30 37 L. 29 04	H. 10 th 60 L. 42	S. W. 10 th } S. S. W. 13 th } 4 W. by S. 2'''	3.506	Rain frequent till the 21st; from the 8th to the 16th very squally weather; from the 21st to the end of the month fair.
December	H. 30 54 L. 29 02	H. 53 L. 28	E. by S. } N. E. } 3 2'''	1.850	Beginning and latter end frosty weather, with little wind; middle, squally with showers.

Total 41.799, or 41 $\frac{1}{4}$ inches of rain nearly.

For the more particular account of the weather, during the late frost, vide the subsequent pages.

State of the Barometer, Thermometer, Wind, and Rain, from *December 20, 1767, to January 21, 1768.*

1767. Day.		Bar.	Ther. within doors.	Ther. with- out.	Wind.	Rain	Weather, with miscellaneous remarks.
20	9 a. m.	29 2	50		S. E.	2'''	Fair
	11 p. m.	29 27	50		S. E.	2''	D°
21	9 a. m.	29 56	50		E. b. S.	2'''	Clear
	11 p. m.	29 70	41		E.	2''	D°. N. B. Frost set in this evening
22	9 a. m.	29 80	40		E. b. N.	2''	Frost air very sharp
	11 p. m.	29 86	39		N. E.	2'''	D°
23	9 a. m.	29 90	39		D°	2'''	D°
	11 p. m.	29 93	38		D°	2'''	D°
24	9 a. m.	30 1	35		D°	2'''	D°
	11 p. m.	30 0	35	30	D°	2''	Cloudy, with frost
25	9 a. m.	29 93	35	30	N. N. E.	1	Clear and serene
	11 p. m.	29 75	33	28	D°	2	Cloudy
26	9 a. m.	29 66	33		D°	2'	Sleet at times
	11 p. m.	29 60	31	27	N.	1	Clear
27	9 a. m.	29 44	30		N.	0	Clear and serene in the morning
	11 p. m.	29 41	29		N.	0	Snow since the afternoon
28	9 a. m.	29 44	29		N.	0	Clear; snow lies on the ground about 4 inches deep
	11 p. m.	29 55	30		N.	1	Clear
29	9 a. m.	29 77	31		N.	1	Clear and serene
	11 p. m.	29 74	33		S. E.	1	Cloudy; in the night showers
30	9 a. m.	29 76	34		D°	1	.18c Clear and frost
	11 p. m.	29 74	36		D°	1	D°
31	9 a. m.	29 80	35		D°	2	Fair and frost; towards noon thaw
	11 p. m.	29 41	36		D°	2'''	.220 Rain with sleet; and in the night snow
1768.							
January.							
1	9 a. m.	29 0	36		D°	2''	.350 Rain, heavy at times, through the forenoon
	11 p. m.	29 30	34		N. E.	2'''	Clear and frost
2	9 a. m.	29 60	33		N.	2''	D°
	11 p. m.	30 0	33		N.	2	D°
3	9 a. m.	30 10	29	20	N.	2	D° { N. B. 20 was the lowest state of the therm. ob-
	11 p. m.	30 31	30	21	D°	2	l served in these parts, without doors.

1768. Day. January.		Bar.	Ther. within doors.	Ther. with- out.	Wind.	Rain	Weather, with miscellaneous remarks.
4	9 a. m.	30 2	30	20	N.	2''	Fair and frost
	11 p. m.	29 92	30	22	D°	2'	Cloudy, with D°
5	9 a. m.	29 90	30		D°	2'	Clear and frost
	11 p. m.	29 80	30		D°	2'	Cloudy
6	9 a. m.	29 66	32	30	D°	2'	Snow
	11 p. m.	29 60	32		N. E.	2	Hail and sleet, with frost
7	9 a. m.	29 54	32		E.	2	Cloudy
	11 p. m.	29 49	34		E. b. S.	2	D°
8	9 a. m.	29 26	35		S. E.	2''	Rain constant, with thraw through the day
	11 p. m.	29 20	35		D°	2''	700 D°
9	9 a. m.	29 10	36		D°	2''	Rain at times
	11 p. m.	29 14	36		E.	2'''	Rain constant
10	9 a. m.	29 34	37		N. W.	2''	.560 Snow, with rain at times
	11 p. m.	29 56	37		N.N.W.	2''	Cloudy
11	9 a. m.	29 60	36		D°	1	Fair and frost
	11 p. m.	29 68	36		W. b. N.	1	Thaw, with frow; now frost again
12	9 a. m.	29 66	36		S. E.	2	Rain from 11 a. m. constant through the day
	11 p. m.	29 50	39		D°	2	D°
13	9 a. m.	29 47	48		S.	2	Cloudy
	11 p. m.	29 36	48		S. W.	2'''	Rain since 2 p. m.
14	9 a. m.	29 30	48		D°	2''	Cloudy, with rain
	11 p. m.	29 16	49		D°	2	.480 Cloudy
15	9 a. m.	29 25	48		W.	2	Rain heavy till noon
	11 p. m.	29 50	47		W. b. S.	1	Fair
16	9 a. m.	29 80	46		D°	0	Fog in the morning; afterwards clear and serene
	11 p. m.	29 87	45		S. W.	1	.600 Clear
17	9 a. m.	29 87	45		E.	2	Close and cloudy, with small rain
	11 p. m.	29 78	45		S. W.	1	Cloudy
18	9 a. m.	29 46	45		W. b. S.	1	Rain heavy till the afternoon
	11 p. m.	29 65	44		N. W.	1	Cloudy
19	9 a. m.	29 67	44		D°	1	Clear and serene
	11 p. m.	29 56	44		D°	2''	.775 Rain since 4 p. m.
20	9 a. m.	29 60	44		N.N.W.	4	Fair with flying clouds. N. B. Hurricane from
	11 p. m.	29 75	44		D°	2	4 to 8 a. m.; when the Fame Man of War

was driven from her mooring in Hamoaze; together with the steer-hulk on the rocks, by Saint Nicholas Island.

N. B. The thermometer within doors is kept in an airy open stair case, and not affected by any fire in the Houfe; that without was in a shed under the North wall.

N. B. From the 2d to the 7th of February was a frost, and since that time incessant rain to March 1.