

METEOROLOGICAL JOURNAL

KEPT AT THE HOUSE OF

THE ROYAL SOCIETY,

BY ORDER OF THE

PRESIDENT AND COUNCIL.

METEOROLOGICAL JOURNAL

for January 1775.

	Time.	Therm. without	Therm. within.	Barom.	Rain.	Winds.		Weather.
						Points.	Str.	
	H. M.			Inches.	Inch.			
Jan. 1	8 0	34,0	35,5	29,75		NW	1	Fine.
	2 0	41,0	37,0	29,71		NW	1	Fair.
2	8 0	29,0	34,5	30,17	0,062	W	1	Fine.
	2 0	33,0	34,0	30,19		W by N	1	Fine.
3	8 0	39,5	36,5	30,02	0,114	W by N	0	Fog.
	2 0	43,5	37,5	29,91		WNW	1	Fine.
4	8 0	39,5	40,5	29,82	0,016	W	2	Fair.
	2 0	44,0	41,5	29,87		W	1	Fine.
5	8 20	40,0	41,5	30,02		W	1	Fair.
	2 0	45,0	43,0	29,98		WNW	1	Fair.
6	8 0	45,5	44,5	29,93		WNW	1	Fine.
	2 30	48,0	46,0	30,06		WNW	1	Fine.
7	8 0	46,0	45,0	30,06		WNW	1	Fair.
	2 0	50,5	47,0	30,00		WNW	1	Fine.
8	8 0	52,0	49,0	29,92		WNW	2	Cloudy.
	2 0	54,0	50,0	29,91		WNW	1	Fair.
9	8 0	48,5	51,0	30,18	0,034	WNW	1	Cloudy.
	2 10	52,5	52,0	30,21		WNW	1	Fair.
10	8 0	48,5	51,5	30,18	0,010	WNW	1	Cloudy.
	2 0	49,5	51,5	30,11		WNW	1	Fair.
11	8 0	47,0	50,0	29,86		WNW	2	Rain.
	2 0	48,5	50,0	29,73		WNW	2	Rain.
12	8 0	41,0	48,5	29,69	0,086	WNW	1	Fine.
	2 0	47,0	49,5	29,69			1	Fine.
13	8 0	40,5	45,5	29,74	0,030		1	Fine.
	2 30	45,5	47,0	29,75			1	Fine.
14	8 30	45,5	45,0	29,75			1	Cloudy.
	2 10	49,0	40,5	29,72			1	Rain.
15	8 30	46,0	47,5	29,77	0,115		1	Rain.
	2 0	47,0	49,0	29,81			1	Cloudy.
16	8 0	41,5	45,5	29,83			2	Fine.
	2 0	47,0	47,0	29,85			1	Fine.

METEOROLOGICAL JOURNAL

for January 1775.

	Time.		Therm.	Therm.	Barom.	Rain	Winds.		Weather.
	H. M.		without	within.	Inches.	Inch.	Points.	Str.	
Jan. 17	8	0	42,0	45,5	29,84		ESE	1	Fine.
	2	0	48,5	47,0	29,76		E	1	Fine.
18	8	0	34,0	43,5	30,03	0,055	NNW	1	Fog.
	2	0	37,5	43,5	30,04			1	Fog.
19	8	0	35,0	39,5	29,99		NE	1	Fog.
	2	0	36,0	40,0	29,94		NE	1	Fair.
20	8	0	34,0	38,5	29,88		E	1	Fog.
	2	0	33,0	39,0	29,82		ENE	1	Snow.
21	8	0	38,5	39,0	29,66	0,230	ENE	1	Fog.
	2	0	47,5	44,0	29,59		S by E	1	Fair.
22	8	0	42,0	42,5	29,51		SSE	1	Fine.
	2	0	49,5	45,0	29,47		S by E	1	Cloudy.
23	8	0	44,5	45,5	29,54	0,140	E by N	1	Rain.
	2	0	44,5	46,5	29,63		ENE	1	Fair.
24	8	0	32,0	41,5	30,13	0,204	NE	2	Cloudy.
	2	0	32,0	40,0	30,25		E by N	1	Fine.
25	8	0	25,5	33,5	30,38		E	1	Fine.
	2	15	26,5	34,0	30,285		ESE	1	Fair.
26	8	0	26,5	30,5	29,71		E	1	Snow.
	2	0	40,5	33,5	29,60		WSW	2	Fair.
27	8	0	38,5	36,0	29,78	0,098	SE	1	Fair.
	2	0	46,5	39,0	29,62		SSE	2	Fair.
28	8	0	36,0	40,5	29,62	0,127	SW	1	Fair.
	2	10	45,5	42,5	29,70		WSW	1	Fine.
29	8	30	49,0	43,5	29,465	0,323	SSW	1	Fair.
	2	0	52,5	46,0	29,465		SW	1	Fair.
30	8	0	45,0	47,5	29,55		SW	1	Fine.
	2	0	49,5	48,5	29,63		SW	1	Fine.
31	8	0	50,5	49,0	29,32	0,080	SSW	3	Rain.
	2	0	53,5	50,0	29,30		SSW	2	Fair.

METEOROLOGICAL JOURNAL for February 1775.

	Time.		Therm	Therm	Barom.	Rain.	Winds.		Weather.
	H.	M.	without	within.	Inches.	Inch.	Points.	Str	
Feb. 1	8	0	51,5	50,5	29,14	0,097	SSW	2	Rain.
	2	10	54,0	52,0	28,99		SSW	2	Fair.
2	8	0	43,0	48,5	29,52	0,167	SW	2	Fair.
	2	0	47,0	49,5	29,50		SW	2	Rain.
3	8	0	44,5	48,5	29,60	0,165	SSW	1	Rain.
	2	0	52,0	50,0	29,54		SSW	1	Rain.
4	8	0	53,0	51,5	29,565	0,034	WSW	2	Cloudy.
	2	0	55,0	52,5	29,45		WSW	2	Fair.
5	8	0	39,0	49,0	29,89	0,199	N	1	Fine, windy night.
	2	0	41,0	48,0	30,03		WNW	1	Fine.
6	8	0	39,0	44,0	30,26		SE	1	Cloudy.
	2	0	46,0	45,0	30,24		SE	1	Fair.
7	8	0	48,5	46,5	30,02	0,030	WSW	1	Fair, windy night.
	2	0	53,5	49,0	29,92		SW	2	Fair.
8	8	0	51,0	51,0	29,60	0,049	SW	2	Rain, windy night.
9	8	0	41,0	48,0	29,35	0,225	SW	2	Fair, windy night.
	2	0	48,0	49,0	29,35		SW	1	Fair.
10	8	0	37,0	45,0	29,75	0,165	W	1	Fine.
	2	0	48,5	47,0	29,65		W	1	Fine.
11	8	0	42,0	46,5	29,02	0,092	SW	2	Cloudy, windy night.
	2	0	51,0	47,5	28,98		SW	1	Fair.
12	7	45	37,5	44,5	28,94	0,268	SW	1	Fine.
	2	0	43,5	46,0	28,91		SW	1	Fair.
13	7	45	41,0	44,5	28,89	0,095	SW	1	Fair.
	2	10	46,5	45,5	28,935		SW	1	Fair.
14	8	0	40,0	43,5	29,35	0,019	WNW	1	Fair.
	2	0	45,5	45,0	29,50		WNW	2	Fair.
15	8	0	42,0	43,5	29,225	0,221	WSW	1	Cloudy.
	2	0	48,5	45,0	29,44		NNE	2	Fine.
16	8	0	36,5	42,5	29,75		S	1	Fair.
	2	0	47,0	44,5	29,55				

METEOROLOGICAL JOURNAL

for February 1775.

	Time.		Therm.	Therm.	Barom.	Rain.	Winds.		Weather.
	H.	M.	without	within.	Inches.	Inch.	Points.	Str.	
Feb. 17	8	0	38,0	44,5	29,70		WSW	1	Fair.
	2	0	45,5	45,0	29,83		WSW	1	Fine.
18	8	0	35,0	41,5	30,07		WSW	1	Fine.
	2	0	40,5	44,0	30,15		WNN*	1	Fine.
19	8	0	43,5	42,5	30,12	0,018	N by W	1	Fine.
	2	0	48,5	44,5	30,27		N by W	1	Fine.
20	8	0	44,5	43,5	30,37		SSW	1	Fair.
	2	0	53,0	46,5	30,34		SW	2	Fair.
21	8	0	47,5	47,0	30,18	0,010	SW	2	Rain.
	2	0	49,5	49,0	30,17		NNW	2	Rain.
22	8	0	35,5	43,5	30,48	0,016	SSW	1	Fine.
	2	0	48,5	46,0	30,48		WNW	1	Fine.
23	8	0	40,0	43,5	30,30		SSW	1	Fair.
	2	30	48,5	45,5	30,19		SW	1	Fair.
24	8	0	49,0	47,5	30,11	0,058	SW	1	Cloudy.
	2	0	51,5	49,5	30,11		S	1	Fair.
25	8	0	40,0	47,5	30,04		S	1	Fine.
	2	0	50,0	49,0	30,00		SSW	1	Fine.
26	8	0	37,5	45,5	30,08		NE	1	Fair.
	2	0	52,0	47,5	30,08		SSE	1	Fine.
27	7	45	35,0	44,5	30,14		NNE	0	Fair.
	2	0	53,5	46,5	30,14		SW	1	Fine.
28	8	0	39,0	45,0	30,09		S	1	Fair.
	2	0	54,0	47,0	30,07		SSW	1	Fine.

* So it is in the written journal, probably for WNW. S. HORSLEY.

METEOROLOGICAL JOURNAL, &c.

F O R O N E Y E A R,

BEGINNING WITH THE MONTH OF MARCH, 1775.

A Committee of the Society lately appointed to regulate certain matters relating to Meteorology have determined, that the Society's Meteorological Year shall, from this time forward, commence with the month of March; to the end, that every such year may consist of one entire summer and one entire winter, rather than of the pieces of two different winters with the entire summer intervening, as must always be the case when the Meteorological Year, in conformity to the civil reckoning, begins with the month of January.

S. HORSLEY.

METEOROLOGICAL JOURNAL

for 1775.

	Time		Therm.	Therm	Barom.	Rain	Winds.		Weather.
	H. M.		without	within.	Inches.	Inch.	Points.	Str.	
Mar. 1	7	0	38,5	46,0	30,00		SSW	1	Fair.
	2	0	56,0	49,5	29,93		S	1	Fine.
	2	0	43,5	48,5	29,80	0,190	SW	0	Fair.
2	2	0	50,5	50,5	29,75		W by S	1	Fine.
	2	0	39,0	46,5	29,72		SW	1	Fair.
3	2	0	44,0	48,0	29,76		W	1	Rain.
	7	0	38,5	44,0	29,34	0,074	SE	1	Rain.
4	2	0	47,0	46,5	29,07		S	1	Rain.
	7	0	41,0	45,0	29,07	0,095	NE	1	Fair.
5	2	0	43,0	46,5	29,23		N	1	Rain.
	7	0	38,0	44,5	29,54	0,295	SSW	1	Fair.
6	2	0	51,0	47,0	29,53		SSW	1	Fair.
	7	0	38,0	45,5	29,66	0,010	SW	1	Fair.
7	2	0	49,0	47,5	29,66		SSW	1	Fine.
	7	0	35,5	44,0	29,60	0,087	S	1	Fine.
8	2	0	46,0	46,0	29,47		W & W	1	Fair.
	7	0	46,0	44,5	29,75		S by W	1	Cloudy.
9	2	0	54,0	47,5	29,70		S by E	2	Fine.
	7	0	42,0	48,0	29,61	0,169	SW	1	Fair.
10	2	0	50,5	49,5	29,71		W	1	Fair.
	7	0	43,5	47,5	29,865	0,046	SSW	2	Rain.
11	2	0	47,5	48,5	29,57		S & W	2	Rain.
	7	0	46,5	48,5	29,40	0,294	W by S	2	Fair.
12	2	0	50,5	50,5	29,43		W	2	Fine.
	7	0	39,5	46,5	30,02	0,053	W	1	Fair.
13	2	0	47,0	48,0	30,27		NE	2	Fair.
	7	0	33,0	43,0	30,60		SSW	1	Fine.
14	2	0	46,0	44,5	30,61		W by S	1	Fine.
	7	0	33,0	42,0	30,61		WSW	1	Fine.
15	2	10	50,0	44,0	30,58		SW	1	Fine.
	7	0	33,0	42,0	30,52		SSW	1	Fine.
16	2	0	49,0	44,5	30,44		NNW	1	Fine.

METEOROLOGICAL JOURNAL

for 1775.

	Time.		Therm.	Therm.	Barom.	Rain.	Winds.		Weather.
	H.	M.	without.	within.	Inches.	Inch.	Points.	Str.	
Mar. 17	7	0	35,0	43,0	30,45		SSW	1	Fine.
	2	0	52,0	46,0	30,24		SW	1	Fine.
18	7	0	40,0	44,5	30,02		SW	1	Fair.
	2	0	52,5	47,5	29,88		W by S	1	Fair.
19	7	0	39,5	46,5	29,35	0,189	W by S	1	Fair.
	2	0	45,5	48,0	29,42		N by W	1	Rain.
20	7	0	36,0	44,5	29,78	0,065	NW	1	Fine.
	2	0	51,0	47,0	29,79		W by S	1	Fair.
21	7	0	47,0	48,5	29,85		NW	1	Fair.
	2	0	58,0	52,0	30,04		NW	1	Fine.
22	7	0	47,5	50,0	30,10		SW	1	Fair.
	2	0	56,5	53,0	30,05		SW	1	Fine.
23	7	0	46,0	50,5	30,06		NW	1	Fair.
	2	0	54,5	51,5	30,13		N by W	1	Fine.
24	7	0	40,0	48,5	30,14		WSW	1	Cloudy.
	2	0	57,0	52,0	30,04		W	2	Fair.
25	7	0	48,5	50,5	29,80		S by W	2	Cloudy.
	2	0	54,0	52,5	29,68		S by W	2	Cloudy.
26	7	0	37,5	47,5	29,72	0,093	WSW	2	Fine.
	2	0	42,5	48,0	29,66		NNW	2	Rain.
27	7	0	30,5	41,5	29,79		NW	2	Fine.
	2	0	43,5	43,5	29,80	0,041	SSW	2	Fine.
28	7	0	42,5	42,5	29,28	0,025	S, W	2	Rain.
	2	0	38,0	43,0	29,31		NW	2	Fair.
29	7	0	28,5	38,0	29,30	0,079	W	1	Fine.
	2	0	39,0	39,5	29,38		W by N	1	Fine.
30	7	0	30,0	37,5	29,61	0,022	N	1	Fine.
	2	0	42,0	40,5	29,70		NNW	1	Fine.
31	7	0	29,0	37,0	29,81	0,027	NW	1	Fine.
	2	0	47,0	42,5	29,81		SW	1	Fine.

METEOROLOGICAL JOURNAL

for 1775.

	Time.		Therm.	Therm.	Barom.	Rain.	Winds.		Weather.
	H. M.		without	within.	Inches.	Inch.	Points.	Str.	
Apr. 1.	7	0	36,5	40,0	29,94		SW	1	Fair.
	3	0	48,0	43,0	30,07		NE	1	Fair.
2	7	20	37,0	42,0	30,19		SSW	0	Fair.
	2	0	55,0	45,0	30,18		WSW	1	Fine.
3	7	0	38,5	44,5	30,18		WSW	0	Fine.
	2	0	54,5	49,5	30,13		SW	1	Fine.
4	7	0	46,0	48,0	30,00		S by W	1	Fine.
	2	0	53,0	50,0	30,00		W	1	Rain.
5	7	0	39,5	47,0	30,20		NW	1	Fine.
	2	0	54,0	49,5	30,22		NNE	1	Fine.
6	7	0	38,5	47,0	30,23		SSE	1	Fine.
	2	0	54,5	51,0	30,23		NE	1	Fair.
7	7	15	46,0	50,0	30,27		NNE	1	Fair.
	2	0	52,0	51,5	30,31		NE	2	Fair.
8	7	0	45,0	49,0	30,36		NNE	2	Fair.
	2	0	57,5	50,0	30,36		NNE	2	Fair.
9	7	0	42,5	47,5	30,36		N	1	Cloudy.
	2	0	50,5	49,5	30,355		N	1	Fine.
10	7	0	43,0	47,0	30,28		N	1	Fair.
	2	0	50,0	49,5	30,24		N by E	1	Fair.
11	7	0	45,5	48,0	30,16		SW by W	1	Cloudy.
	2	0	57,5	52,0	30,13		W	1	Fair.
12	12	0	45,0	49,0	30,20		NE	1	Cloudy.
	2	0	54,5	51,5	30,22		NE by E	1	Fair.
13	7	0	46,0	50,0	30,26		S	1	Fine.
	2	0	56,0	52,5	30,26		NE	1	Fine.
14	7	0	43,0	49,5	30,21		S	1	Fine.
	2	0	62,0	54,0	30,07		S	2	Fine.
15	7	0	50,0	52,0	29,68		S by W	2	Cloudy.
	2	0	52,5	53,5	29,69		W by S	1	Fair.
16	7	15	47,0	50,5	29,50	0,407	SW	1	Rain.
	2	0	57,5	54,0	29,55		N by W	1	Fair.

METEOROLOGICAL JOURNAL

for 1775.

	Time.		Therm.	Therm.	Barom.	Rain.	Winds.		Weather.
	H. M.		without	within.	Inches.	Inch.	Points.	Str.	
Apr. 17	7	0	50,5	53,0	29,625	0,025	WNW	1	Fine.
	2	0	59,0	55,5	29,625		N by W	1	Fair.
18	7	0	47,0	53,0	29,585		W by S	1	Fine.
	2	0	56,5	54,5	29,59		W by S	1	Fine.
19	7	0	41,0	50,0	29,63	0,118	W by N	1	Fine.
	2	0	53,5	52,5	29,725		W by N	1	Fine.
20	7	0	40,0	48,5	29,98		SSW	1	Fine.
	2	0	59,0	51,5	30,02		S	1	Fine.
21	7	0	47,0	49,0	29,99		E	1	Fine.
	2	0	60,0	53,5	29,90		ESE	1	Fine.
22	7	0	50,0	52,0	29,61	0,016	S	0	Rain.
	2	0	59,0	55,5	29,59		SW	1	Fair.
23	7	0	45,5	53,0	29,71		SW	1	Fine.
	2	0	54,0	54,5	29,85		SW	1	Fair.
24	7	0	48,0	53,5	30,02	0,116	SSW	1	Rain.
	2	0	62,0	57,0	30,08		NW	1	Fair.
25	7	0	50,0	55,0	30,19		SW	1	Fair.
	2	0	60,0	57,5	30,20		SSW	1	Fair.
26	7	0	53,5	56,5	30,18		S	1	Fair.
	2	0	72,0	61,0	30,15		S	1	Fine.
27	7	0	52,0	55,5	30,09		ENE	1	Fine.
	2	0	73,0	63,5	30,05		ESE	1	Fine.
28	7	0	55,0	57,5	30,06		NE	1	Fine.
	2	0	79,0	65,0	30,06		SW	1	Fine.
29	7	0	62,0	62,5	30,02		SE	1	Fine.
	2	0	83,5	69,0	30,02		S by E	1	Fine.
30	7	0	62,0	65,5	30,00		SE	1	Fine.
	2	0	74,0	69,0	30,01	0,386	W	1	Fine.

METEOROLOGICAL JOURNAL

for 1775.

	Time.		Therm.	Therm.	Barom.	Rain.	Winds.		Weather.
	H. M.		without	within.	Inches.	Inch.	Points.	Str.	
May	1	7 0	54,5	63,5	30,12		NW	1	Cloudy.
		2 0	62,0	63,0	30,24		N	1	Fair.
	2	7 0	51,5	60,5	30,39		SSW	1	Fair.
		2 0	68,5	63,5	30,40		W	1	Fine.
	3	7 0	53,5	60,5	30,32		SSW	1	Fine.
		2 0	69,0	64,0	30,23		NW	1	Fine.
	4	7 0	50,0	57,5	30,06		NE	1	Fair.
		2 0	73,0	65,5	29,95		S by E	1	Fine.
	5	7 0	57,0	62,0	29,68		WSW	1	Fine.
		2 0	68,0	64,5	29,74		SSW	1	Rain.
	6	7 0	49,5	57,0	29,96	0,232	N	2	Fine.
		2 0	60,5	59,0	30,06		NW	1	Fine.
	7	7 0	56,0	57,5	30,14		SSW	1	Fine.
		2 0	67,0	61,0	30,13		SSW	1	Fair.
	8	7 0	55,5	59,0	30,00	0,039	W	1	Cloudy.
		2 0	63,5	61,5	30,02		W by S	2	Cloudy.
	9	7 0	56,0	59,0	30,08		W by S	1	Cloudy.
		2 0	67,0	63,0	30,08		SSW	2	Fine.
	10	7 0	52,5	60,0	30,05		N	2	Fine.
		2 0	61,0	60,5	30,09		NW	2	Fine.
	11	11 0	49,0	53,0	30,19		N	1	Fine.
		2 0	57,0	57,0	30,18		N	1	Fine.
	12	7 0	48,5	55,0	30,05		W	0	Rain.
		2 0	51,5	56,5	30,02		W	1	Rain.
	13	7 0	49,0	54,5	30,12	0,058	NNE	1	Fair.
		2 0	59,5	56,0	30,15		E by N	1	Fine.
	14	7 0	48,0	54,5	30,26		NNE	1	Fine.
		2 0	64,5	57,0	30,26		NW	1	Fine.
	15	7 0	48,5	58,5	30,17		W by S	1	Fair.
		2 0	66,0	61,5	30,11		N by W	1	Fine.
	16	7 0	52 0	57,5	30,02		WNW	1	Fine.
		2 0	68,5	61,0	29,86		W by S	2	Fine.

METEOROLOGICAL JOURNAL

for 1775.

	Time.		Therm.	Therm.	Barom.	Rain.	Winds.		Weather.
	H.	M.	without	within.	Inches.	Inch.	Points.	Str.	
May 17	7	0	51,5	59,5	29,81		NW	1	Fine.
	2	0	61,0	60,5	29,81		NW	1	Fine.
18	7	0	47,0	54,0	30,06		N	1	Fair.
	2	0	55,0	56,0	30,12		NNE	1	Fine.
19	7	0	46,0	53,0	30,00		WSW	1	Rain.
	2	0	55,0	55,0	29,92		N	1	Rain.
20	7	0	43,0	50,0	30,03	0,171	N	1	Fine.
	2	0	52,5	52,5	30,12		N	1	Fair.
21	7	20	48,5	51,5	30,20		WSW	1	Rain.
	2	0	62,5	55,0	30,21		W by N	1	Fair.
22	7	0	51,5	55,0	30,24		NE	1	Fine.
	2	0	58,0	57,5	30,25		ENE	1	Fair.
23	7	0	50,0	55,0	30,18		NE	1	Cloudy.
	2	0	56,5	66,5	30,11		ENE	1	Fair.
24	7	0	48,0	54,5	29,99		ENE	1	Cloudy.
	2	0	65,0	58,0	29,885		SE	1	Fine.
25	7	0	52,0	57,0	29,83		NNW	1	Fair.
	2	0	55,0	58,0	29,88		N	1	Fair.
26	7	0	51,0	56,0	30,06		N	1	Fair.
	2	0	50,5	57,0	30,14		NE by N	1	Rain.
27	7	0	49,0	55,0	30,24	0,052	NW	1	Fair.
	2	0	64,0	58,0	30,27		NE by N	1	Fine.
28	7	0	55,5	57,5	30,34		W	1	Fair.
	2	0	67,0	60,5	30,37		N	1	Fair.
29	7	0	57,0	60,0	30,43		SW	1	Fine.
	2	0	68,5	63,5	30,41		WNW	1	Fair.
30	7	0	58,5	62,5	30,38		SE	1	Fine.
	2	0	70,0	64,5	30,37		SE	1	Fine.
31	7	0	59,0	62,5	30,34		SSW	1	Fair.
	2	0	74,5	67,0	30,31		NNE	1	Fine.

METEOROLOGICAL JOURNAL for 1775.

	Time.		Therm without	Therm within.	Barom	Rain.	W inds.		Weather.	
	H.	M.			Inches.	Inch.	Points.	Str		
June	1	7	0	57,0	63,0	30,30		ENE	1	Fine.
		2	0	69,0	66,0	30,29		E	1	Fine.
	2	7	0	52,0	60,5	30,27		NNE	2	Fair.
		2	0	68,5	63,0	30,19		NE	2	Fine.
	3	7	0	56,5	61,5	30,18		NE	1	Fine.
		2	0	71,0	64,0	30,15		NE	1	Fine.
	4	7	0	57,5	61,5	30,15		NE	1	Fine.
		2	0	73,0	65,0	30,15		E by N	1	Fine.
	5	7	0	62,0	63,5	30,12		E by N	1	Fine.
		2	0	76,0	67,5	30,065		ESE	2	Fine.
	6	7	30	67,0	67,5	29,985		E by N	1	Fine.
		2	0	81,5	73,5	29,92		E by N	1	Fine.
	7	7	0	66,0	69,5	29,79	0,010	NNE	1	Fair.
		2	0	79,0	73,0	29,76		E by S	1	Fair.
	8	7	0	66,5	71,0	29,78	0,010	ENE	1	Fine.
		2	0	73,5	73,0	29,86		S	1	Fine.
	9	7	0	62,0	68,0	29,98		E by N	1	Fine.
		2	0	77,0	72,0	29,92		SE	1	Fine.
	10	7	0	65,5	70,0	29,71		SSE	1	Cloudy.
		2	0	72,5	72,0	29,82		SE	1	Cloudy.
	11	7	0	56,0	67,0	29,85	0,078	NNE	1	Rain.
		2	0	71,0	69,5	29,85		ENE	1	Fair.
	12	7	0	61,5	67,0	29,845	0,122	SSE	0	Fair.
		2	0	74,0	70,0	29,91		SW	1	Fine.
	13	7	0	62,0	67,0	29,99		ESE	1	Fine.
		2	0	78,0	71,0	30,00		S	0	Fine.
	14	7	0	64,0	68,0	30,00		NE by E	0	Fine.
		2	0	78,0	71,5	29,97		E by N	1	Fine.
	15	7	0	59,0	67,5	30,04		NE	1	Fair.
		2	0	73,5	71,0	30,055		NW	1	Fine.
	16	7	0	59,5	67,5	30,055		N	1	Fine.
		2	0	73,5	69,0	29,99		N	1	Fine.

METEOROLOGICAL JOURNAL
for 1775.

	Time.		Therm.	Therm.	Barom.	Rain.	Winds.		Weather.
	H.	M.	without	within.	Inches.	Inch.	Points.	Str.	
June 17	7	0	60,0	65,5	29,855		ENE	1	Fine.
	2	0	78,0	70,0	29,76		SSW	0	Fine.
18	7	0	58,0	66,0	29,78		NE	1	Fair.
	2	0	76,0	69,5	29,83		NNE	1	Fair.
19	7	0	59,0	65,5	30,02		NE	1	Fair.
	2	0	67,5	68,5	30,11		NNE	1	Fair.
20	7	0	62,0	65,0	30,04		SW	1	Fair.
	2	0	77,0	70,5	29,99		WSW	1	Fair.
21	7	0	61,0	66,0	30,11		NW	1	Fine.
	2	0	77,0	69,5	30,11		W	1	Fair.
22	7	0	65,0	69,0	30,065		SW	1	Fair.
	2	0	78,0	73,0	29,93		WSW	2	Fine.
23	7	0	65,5	69,5	29,93		WSW	2	Fair.
	2	0	72,0	72,0	29,86		WSW	2	Fair.
24	7	0	60,5	68,0	29,77		W	1	Cloudy.
	2	0	62,0	68,5	29,72		SW	1	Rain.
25	7	0	56,5	65,0	29,74	0,028	SW	1	Fine.
	2	0	67,0	66,0	29,82		WSW	1	Fair.
26	7	0	58,0	64,0	29,91		NNE	1	Fair.
	2	0	69,5	66,5	29,89		NNE	1	Fair.
27	7	0	57,0	63,5	29,76		NNE	1	Fair.
	2	0	66,0	64,5	29,69		NE	1	Fair.
28	7	0	57,0	61,5	29,62		E by N	1	Fair.
	2	0	59,5	62,5	29,61		SSE	1	Rain.
29	7	0	58,0	52,5	29,70	0,373	SE	1	Fine.
	2	0	63,0	64,0	29,70		SW by W	1	Rain.
30	7	0	59,0	64,5	29,80	0,637	W	1	Fair.
	2	0	67,0	65,5	29,855		SW	1	Fine.

METEOROLOGICAL JOURNAL

for 1775.

	Time.	Therm.		Barom.	Rain.	Winds.		Weather.	
		without	within.			Points.	Str.		
	H. M.			Inches.	Inch.				
July 1	7	0	59,5	64,5	29,92	0,263	WNW	1	Fine.
	2	0	71,0	66,5	29,94		W	1	Fine.
2	7	0	60,0	64,5	29,90	0,053	SW	1	Fair.
	2	0	67,5	66,5	29,85		S	1	Rain.
3	7	0	61,0	64,5	29,70	0,386	SW	1	Cloudy.
	2	0	73,0	67,5	29,72		SW by W	1	Fair.
4	7	0	61,0	66,5	29,98	0,024	W	1	Fair.
	2	0	69,5	67,0	30,03		W	1	Fair.
5	7	0	64,0	66,5	30,05		SW	1	Fair.
	2	0	73,0	69,0	30,04		SW by W	1	Fair.
6	7	0	62,5	67,5	29,72	0,091	NE	1	Rain.
	2	0	68,0	70,5	29,59		N	1	Rain, and thunder.
7	7	0	58,0	67,5	29,69	0,359	NNW	1	Rain.
	2	0	64,0	67,5	29,78		NW	1	Fair.
8	7	0	58,0	65,5	29,84	0,058	SW	1	Cloudy.
	2	0	70,5	68,5	29,85		SW	1	Fair.
9	7	0	61,5	65,5	29,70	0,061	S	1	Rain.
	2	0	72,0	68,0	29,74		SW by S	2	Fair.
10	7	0	64,5	67,5	29,84	0,016	WSW	1	Fair.
	2	0	70,5	68,5	29,84		SW by S	2	Fair.
11	7	0	62,0	66,0	29,87	0,010	SW	1	Fine.
	2	0	68,0	68,0	29,85		SSW	2	Fair.
12	7	0	63,5	66,5	29,85	0,020	SW	1	Fair.
	2	0	59,0	66,0	29,86		SSW	1	Rain.
13	7	0	60,5	65,0	29,89	0,677	SW	1	Fair.
	2	0	68,0	67,5	29,89		SW	2	Fair.
14	7	0	62,0	66,0	29,88	0,077	S by W	1	Fair.
	2	0	64,0	67,5	29,82		NW	1	Rain.
15	7	0	59,5	65,0	29,81	0,145	NW	1	Fair.
	2	0	66,0	66,5	29,88		NW	1	Fair.
16	7	0	59,0	64,0	29,92	0,024	NW	1	Fair.
	2	0	68,5	66,0	29,92		WNW	1	Fair.

METE-

METEOROLOGICAL JOURNAL

for 1775.

	Time		Therm.	Therm.	Barom.	Rain.	Winds.		Weather.
	H.	M.	without	within.	Inches.	Inch.	Points.	Str.	
July 17	7	0	59,0	63,5	30,00		NW	1	Fair.
	2	0	66,5	65,0	30,05		NW	1	Fair.
18	7	0	58,5	61,5	30,16		NNE	1	Fine.
	2	0	73,5	66,5	30,18		NW	1	Fine.
19	7	0	60,0	63,5	30,16		SSW	1	Fine.
	2	0	76,0	68,0	30,14		W by S	1	Fine.
20	7	0	62,0	65,0	30,08		SW	1	Fine.
	2	0	79,5	70,5	30,05		SW by W	1	Fine.
21	7	0	69,0	68,5	29,93		SSE	1	Fine.
	2	0	82,0	74,0	29,91		SSE	1	Fine.
22	7	0	66,0	70,0	29,85		NW	0	Hazy.
	2	0	77,0	73,0	29,84		NW	1	Fine.
23	7	0	63,0	70,0	29,82	0,123	NE	1	Cloudy.
	2	0	75,0	73,0	29,80		WSW	1	Fair.
24	7	0	61,0	67,5	29,77	0,310	ENE	0	Fair.
	2	0	74,0	70,5	29,81		SW	1	Rain.
25	7	0	59,5	67,5	29,92	0,069	WSW	1	Cloudy.
	2	0	76,5	70,0	29,91		SW	1	Fair.
26	7	0	67,0	68,5	29,87		S	1	Fair.
	2	0	76,5	70,5	29,84		SW by W	1	Fair.
27	7	0	67,5	69,5	29,78	0,042	SE	1	Fair.
	2	0	75,5	71,0	29,78		SW	1	Fine.
28	7	0	60,0	68,0	29,78		SSE	1	Fair.
	2	0	72,5	69,5	29,72		S	1	Rain.
29	7	0	59,0	66,0	29,70	1,058	SW	1	Thunder at 12 h. fair.
	2	0	66,0	66,5	29,74		S	1	Fair, much thunder aftern.
30	7	0	60,0	63,5	29,81	0,498	W	1	Fair.
	2	0	69,0	67,0	29,95		WNW	2	Fair.
31	7	0	60,0	63,5	30,04		N	1	Fine.
	2	0	69,5	67,0	30,04		NNW	1	Fine.

METEOROLOGICAL JOURNAL

for 1775.

	Time.		Therm.	Therm.	Barom.	Rain.	Winds.		Weather.
	H.	M.	without	within.	Inches.	Inch.	Points.	Str.	
Aug. 1	7	0	61,0	63,5	29,81	0,038	E	1	Rain.
	2	0	72,5	68,0	29,77		WSW	1	Fair.
2	7	0	61,0	64,0	29,73	0,152	SSW	1	Rain.
	2	0	72,5	68,5	29,69		SSW	2	Fair.
3	7	0	62,5	65,0	29,705	0,154	SSW	1	Fine.
	2	0	72,0	68,0	29,73		SSW	1	Fair.
4	7	0	62,0	65,5	29,715	0,218	S	1	Fine.
	2	0	71,0	68,5	29,74		SSW	2	Fine.
5	7	0	61,0	65,5	29,83	0,032	SW	1	Fair.
	2	0	73,5	68,0	29,85		SSW	1	Fine.
6	7	0	60,0	64,5	29,95		NNE	1	Fine.
	2	0	73,0	69,0	29,96		NNW	1	Fine.
7	7	0	62,0	66,5	30,01		W	1	Fair.
	2	0	74,5	69,5	30,01		NW	1	Fine.
8	7	0	61,0	65,5	30,02		W	1	Fine.
	2	0	75,5	70,5	29,99		NW	1	Fine.
9	7	0	64,0	67,0	29,82		SSW	1	Cloudy.
	2	0	66,0	67,5	29,70		SSE	1	Rain.
10	7	0	58,0	63,5	29,88	0,220	WSW	2	Fine.
	2	0	70,5	65,5	29,95		NW	1	Fine.
11	7	30	59,0	63,0	29,88	0,010	S	1	Rain.
	2	0	66,0	66,0	29,80		SSW	2	Cloudy.
12	7	0	57,0	63,0	29,89	0,048	SSW	1	Fine.
	2	0	68,0	66,0	29,82		SSW	1	Cloudy.
13	7	0	57,0	61,5	29,91	0,118	SSW	1	Fair.
	2	0	68,5	64,0	29,92		W	2	Fair.
14	7	0	54,0	60,0	30,04	0,012	WSW	1	Fine.
	2	0	69,5	65,0	30,07		SW	1	Fine.
15	7	0	54,5	60,0	30,05		SE	1	Fog.
	2	0	69,5	64,5	30,00		SE	1	Fine.
16	7	0	56,0	58,0	29,93	0,043	SSE	1	Fair.
	2	30	68,0	63,5	29,98		N	1	Fine.

METEOROLOGICAL JOURNAL

for 1775.

	Time.		Therm.	Therm.	Barom.	Rain	Winds.		Weather.
	H. M.		without	within.	Inches.	Inch.	Points.	Str.	
Aug. 17	7	0	59,5	62,5	30,02	0,029	S	1	Rain.
	2	0	70,0	65,0	30,02		S by W	2	Cloudy.
18	7	0	66,0	66,0	30,05	0,023	SSW	1	Fair.
	2	0	72,5	69,5	30,06		SSW	1	Fair.
19	7	0	62,0	66,0	29,88		NNW	1	Fair.
	2	0	70,0	68,5	29,80		NW	1	Fair.
20	7	0	57,0	63,5	29,87		SSW	1	Fine.
	2	0	65,5	65,5	29,80		SSE	2	Fair.
21	7	0	52,5	61,0	29,88		SW	0	Fine.
	2	0	65,5	64,0	29,81		S	1	Rain.
22	7	0	59,5	63,0	29,50	0,171	SW by W	2	Fair.
	2	0	69,0	65,5	29,73		W	2	Fine.
23	7	0	56,0	62,5	30,05		SSW	1	Fine.
	2	0	73,0	65,5	30,07		S	1	Fine.
24	7	0	57,0	62,5	30,07		SSW	1	Fine.
	2	0	72,0	66,0	30,04		NW	1	Fine.
25	7	0	55,0	63,0	30,00		NE	1	Fair.
	2	0	74,0	66,0	29,92		E by N	1	Fine.
26	7	0	58,0	64,0	29,74		SE	1	Fair.
	2	0	72,0	67,0	29,66		SSW	1	Fair.
27	7	0	52,5	62,5	29,75	0,358	WSW	1	Cloudy.
	2	0	66,5	65,5	29,76		WSW	2	Cloudy.
28	7	0	60,5	62,5	29,71	0,345	SW	1	Rain.
	2	0	62,5	65,5	29,75		SSW	1	Rain.
29	7	0	56,0	61,0	29,75	0,122	S	1	Fine.
	2	0	67,0	64,5	29,76		S by W	1	Fine.
30	7	0	56,0	61,0	29,77	0,042	SSW	1	Fine.
	2	0	69,0	64,5	29,79		SW	2	Fine.
31	7	0	58,0	62,0	29,54	0,068	SE by E	2	Rain.
	2	0	69,0	66,0	29,52		SSW	2	Fair.

METEOROLOGICAL JOURNAL

for 1775.

	Time.		Therm.	Therm.	Barom.	Rain.	Winds.		Weather.
	H.	M.	without	within.	Inches.	Inch.	Points.	Str.	
Sept.	1	7	56,5	61,0	29,85	0,171	SW	1	Fine.
		2	68,0	64,5	29,89		SSW	1	Fine.
	2	7	63,0	63,5	29,85	0,115	SWbyW	2	Cloudy, much wind last night
		2	67,5	66,5	29,89		SWbyW	2	Cloudy.
	3	7	56,5	63,5	30,00	0,020	WSW	1	Fair.
		2	56,0	63,5	30,05		S	1	Rain.
	4	7	49,5	59,5	30,15	0,170	WSW	1	Fog.
		2	65,0	61,5	30,13		SE	1	Fine.
	5	7	60,5	61,0	29,88	0,045	ENE	1	Fair.
		2	74,5	64,5	29,82		SE	1	Fine.
	6	7	64,0	66,0	29,88		WSW	1	Fair.
		2	70,5	67,5	29,98		SW	1	Fine.
	7	7	63,5	65,5	29,70	0,770	SSW	1	Fair, thunder last night.
		2	75,0	68,5	29,71		SW	1	Fine.
	8	7	63,0	67,5	29,59	0,026	SSW	1	Fair.
		2	65,5	68,5	29,54		SW	1	Rain.
	9	7	59,0	65,0	29,54	0,435	SSW	1	Fine.
		2	67,0	67,0	29,61		SSW	2	Cloudy.
	10	7	57,5	63,5	29,61	0,283	SSE	1	Rain.
		2	68,5	66,5	29,61		SWbyW	1	Fair.
	11	7	53,5	61,0	29,64	1,100	WSW	1	Fine.
		2	60,5	62,5	29,64		SSW	2	Rain.
	12	7	47,0	56,0	29,90	0,097	WSW	1	Fine.
		2	60,5	59,0	29,91		W by S	1	Fine.
	13	7	53,5	67,5	29,57	0,378	W	1	Fair.
		2	59,5	59,5	29,57		NW	1	Rain.
	14	7	52,0	57,0	29,70	0,512	N	1	Rain.
		2	62,0	60,0	29,78		N by E	1	Fair.
	15	7	53,5	56,5	29,68	0,184	NW	1	Fair.
		2	61,5	60,5	29,63		NNE	1	Cloudy.
	16	7	54,0	57,5	29,59	0,497	NNE	1	Fair.
		2	62,0	59,5	29,71		WNW	1	Fine.

METEOROLOGICAL JOURNAL

for 1775.

	Time.		Therm.	Therm.	Barom.	Rain.	Winds.		Weather.
	H.	M.	without	within.	Inches.	Inch.	Points.	Str.	
Sept. 17	7	0	50,5	56,5	29,84		SW	1	Fair.
	2	0	65,0	60,0	29,83		SSW	1	Fine.
18	7	0	58,0	58,0	29,63		SSW	1	Cloudy.
	2	0	63,0	60,5	29,67		S by W	1	Cloudy.
19	7	0	62,0	61,5	29,70	0,282	S	1	Rain.
	2	0	66,0	63,5	29,79		SW by W	1	Cloudy.
20	7	0	61,0	62,5	29,81	0,018	S	1	Fair.
	2	0	71,0	66,0	29,74		S	1	Fine.
21	7	0	61,0	63,5	29,51		S	1	Cloudy.
	2	0	66,5	65,0	29,60		S	2	Fine.
22	7	0	56,0	61,0	29,88	0,089	S	1	Fine.
	2	0	70,5	65,5	29,95		ESE	1	Fine.
23	7	0	56,5	60,5	29,90		ENE	1	Fine.
	2	0	69,5	66,0	29,87		ESE	1	Fine.
24	7	0	58,0	61,5	29,78		NE	1	Fine.
	2	0	71,5	67,0	29,75		ENE	1	Fine.
25	7	0	58,5	62,0	29,73		NE	1	Fair.
	2	0	70,5	66,5	29,72		E	1	Fine.
26	7	0	53,5	60,5	29,69		NNE	1	Fine.
	2	0	70,0	66,0	29,69		SSW	1	Fine.
27	7	0	57,5	62,5	29,79		WSW	1	Fair.
	2	0	64,0	64,0	29,85		W	1	Fair.
28	7	0	47,0	59,0	29,84		SW	1	Fine.
	2	0	63,0	61,5	29,84		SSW	1	Fair.
29	7	0	50,5	59,5	29,84		WSW	1	Fair.
	2	0	63,5	62,0	29,855		W	1	Fair.
30	7	0	50,0	58,5	29,82		SW	0	Fair.
	2	20	63,0	61,0	29,85		N by E	1	Fine.

METEOROLOGICAL JOURNAL

for 1775.

	Time.	Therm. without	Therm. within.	Barom.	Rain.	Winds.		Weather.
						Points.	Str.	
	H. M.			Inches.	Inch.			
O&.	1	7 0	50,0	57,5	29,92	NE	F	Fair.
		2 0	64,5	61,0	29,94	NNE	I	Fine.
	2	7 0	49,5	54,5	29,80	NE	O	Fog.
		2 0	63,5	59,0	29,68	NE by E	I	Fair.
	3	7 0	56,0	58,5	29,40	N	I	Fair.
		2 0	63,0	60,0	29,42	WSW	I	Fine.
	4	7 0	57,5	57,5	29,555	W	I	Cloudy.
		2 0	58,0	58,5	29,68	W	I	Fine.
	5	7 0	40,5	52,5	29,82	SSW	I	Fine.
		2 0	57,0	54,0	29,81	W by N	I	Fine.
	6	7 0	49,0	51,5	29,73	SSW	I	Cloudy.
		2 0	55,5	54,0	29,70	WSW	I	Rain.
	7	7 0	51,0	52,5	29,63	S by W	I	Rain.
		2 0	53,0	54,0	29,76	W	I	Fine.
	8	7 0	42,5	48,5	30,07	SW	I	Fine.
		2 0	57,5	52,5	30,09	WSW	I	Fine.
	9	7 0	59,5	54,5	29,77	SW	I	Rain.
		2 0	66,0	57,5	29,84	SW	I	Fair.
	10	7 0	47,5	55,5	30,00	SW	I	Fine.
		2 0	61,0	58,5	30,05	SW	I	Fair.
	11	7 0	50,5	56,0	30,06	SW	I	Fair.
		2 0	62,5	68,0	30,07	WSW	I	Fine.
	12	7 0	58,5	58,5	29,95	SSW	I	Cloudy.
		2 0	63,5	60,0	29,92	SW	I	Fair.
	13	7 0	56,0	60,5	29,82	SW	I	Fair.
		2 0	63,0	61,5	29,84	WSW	I	Fair.
	14	7 0	46,5	55,0	29,91	SSW	I	Fine.
		2 0	58,0	57,5	29,91	SW	I	Fine.
	15	7 0	43,5	52,5	29,98	SW	I	Fair.
		2 0	57,0	54,5	30,05	W	I	Fair.
	16	7 0	41,0	51,0	30,21	S	I	Fog.
		2 0	57,0	53,5	30,13	SW by W	I	Fine.

METEOROLOGICAL JOURNAL

for 1775.

	Time.		Therm.	Therm.	Barom.	Rain.	Winds.		Weather.
	H. M.		without	within.	Inches.	Inch.	Points.	Str.	
Oct 17	7	0	55,0	54,0	29,95	0,112	W	0	Fog.
	2	0	62,0	57,0	29,89		SW	0	Fair.
18	7	0	51,0	56,5	29,43	0,612	SW	1	Fair.
	2	0	55,0	57,5	29,48		WSW	2	Fair.
19	7	0	41,5	53,0	29,70	0,208	SSW	1	Fine.
	2	0	53,0	53,5	29,42		S	2	Cloudy.
20	7	0	43,0	50,0	29,16	0,369	S by W	3	Windy night.
	2	0	49,0	50,5	29,23		WSW	2	Fine.
21	7	0	43,0	48,5	29,20		SW	1	Fine.
	2	0	54,5	50,5	29,55		WSW	2	Fine.
22	7	0	43,0	48,5	29,77	0,019	SW	1	Cloudy.
	2	0	44,5	49,0	29,69		ENE	1	Rain.
23	7	0	39,0	46,5	30,09	0,348	NW	1	Fine.
	2	0	51,0	48,5	30,20		NW	1	Fair.
24	7	0	42,5	47,5	30,05		S by W	1	Fair.
	2	0	47,0	49,5	29,98		NW	2	Rain.
25	7	0	37,0	45,0	30,04	0,010	N	1	Fine.
	2	0	44,0	45,5	30,16		NW	1	Fine.
26	7	0	32,0	41,5	30,25		W	1	Fine.
	2	0	46,0	43,0	30,26		NNW	1	Fine.
27	7	0	39,0	43,0	30,24		W	1	Fair.
	2	0	48,0	45,0	30,19		WSW	1	Fine.
28	7	0	44,0	45,0	29,98		SW	1	Cloudy.
	2	0	52,0	47,5	29,91		W	1	Fair.
29	7	0	40,0	46,5	30,00	0,020	N	1	Fine.
	3	30	48,0	47,0	30,07		NNW	1	Fair.
30	7	0	34,0	44,0	30,13		SSW	1	Fair.
	2	0	45,0	44,5	30,14		S	1	Fair.
31	7	0	41,0	44,0	29,94	0,039	E	0	Rain.
	2	0	47,0	45,5	29,80		SSW	1	Rain.

METEOROLOGICAL JOURNAL

for 1775.

	Time.	Therm. without	Therm. within.	Barom.	Rain.	Winds.		Weather.
						Points.	Str.	
	H. M.			Inches.	Inch.			
Nov. 1	8 0	51,0	48,0	29,59	0,985	SSW	0	Rain.
	2 0	55,5	50,5	29,03		WNW	1	Fair.
2	8 0	41,0	46,0	29,75		NE	1	Fair.
	2 0	46,0	48,5	29,81		ENE	2	Fine.
3	8 0	40,0	44,5	29,84		ENE	1	Fair.
	2 0	46,5	46,0	29,84		ENE	1	Fair.
4	8 0	41,5	43,5	29,77		NE	1	Fair.
	2 0	46,0	45,0	29,72		ENE	1	Fair.
5	8 0	42,0	43,5	29,57	0,057	ENE	1	Rain.
	2 0	42,5	45,0	29,50		ENE	1	Rain.
6	8 0	46,0	46,0	29,42	0,133	ENE	1	Rain.
	2 0	48,0	47,5	29,37		ESE	1	Rain.
7	8 0	45,5	48,5	29,33	0,194	NE	1	Rain.
	2 0	47,0	49,0	29,33		NE	1	Rain.
8	8 0	46,0	48,5	29,41		N	1	Cloudy.
	2 0	48,5	49,5	29,49		NNW	1	Rain.
9	8 0	42,0	47,0	29,70		N	1	Fair.
	2 0	46,0	48,0	29,86		N by E	1	Fine.
10	8 0	33,0	44,5	30,00		SW	1	Fair.
	2 0	42,0	45,0	30,00		SW	1	Fair.
11	8 0	38,0	42,5	29,78		E	1	Fog.
	2 0	47,5	44,5	29,68		E	1	Fair.
12	8 0	45,5	45,5	29,49	0,063	ESE	1	Cloudy.
	2 0	57,5	47,5	29,37		SW	1	Rain.
13	8 0	53,5	51,5	29,01	0,119	S by W	2	Rain.
	2 0	55,0	53,0	29,00		WSW	1	Cloudy.
14	8 0	40,0	46,5	29,41	0,211	NW	2	Fine.
	2 0	44,5	46,5	29,57		NW by W	2	Fine.
15	8 0	33,5	42,0	29,69		SW	1	Fair.
	2 0	37,5	42,5	29,62		NW	1	Rain.
16	8 0	31,0	40,0	29,64	0,163	N	1	Fine.
	2 0	40,0	40,5	29,78		N	1	Fine.

METEOROLOGICAL JOURNAL

for 1775.

	Time.		Therm.	Therm.	Barom.	Rain.	Winds.		Weather.
	H. M.		without	within.	Inches.	Inch.	Points.	Str.	
Nov. 17	8	0	37,5	40,0	29,68	0,019	SE	1	Rain.
	2	0	46,5	41,0	29,27		SSW	1	Rain.
18	8	0	41,0	44,0	29,16	0,758	NW	2	Cloudy.
	2	0	41,5	44,0	29,41		N	2	Cloudy.
19	8	0	35,0	40,5	30,05	0,048	N	1	Fine.
	2	0	39,0	41,0	30,14		N	1	Fine.
20	8	0	35,0	39,0	30,15		S by W	1	Fair.
	2	0	41,0	40,5	30,13		SSE	1	Cloudy.
21	8	0	40,0	41,0	30,30	0,072	SE	1	Cloudy.
	2	0	42,5	40,0	30,33		E	1	Fair.
22	8	0	28,0	37,0	30,40		N	1	Fine.
	2	0	36,5	38,0	30,36		NNE	1	Fair.
23	8	0	36,5	38,0	30,17	0,040	SW	1	Fog.
	2	0	40,5	39,0	30,15		NE	1	Cloudy.
24	8	0	36,0	38,0	30,15	0,025	NNE	1	Fair.
	2	0	41,0	39,5	30,12		NE	1	Fair.
25	8	0	36,0	40,0	30,06		NE	1	Fair.
	2	0	40,0	40,5	30,02		NNE	1	Cloudy.
26	8	0	35,5	40,0	30,01	0,025	SE	1	Cloudy.
	2	0	38,0	40,0	30,01		SSE	1	Rain.
27	8	0	37,5	40,0	29,99		E	1	Fog.
	2	0	39,5	40,5	29,94		ESE	1	Fair.
28	8	0	37,5	39,5	29,80		ENE	1	Rain.
	2	0	40,5	41,0	29,77		SE	1	Rain.
29	8	0	45,0	42,5	29,67	0,010	SSE	1	Fair.
	2	0	49,5	44,0	29,55		S	1	Rain.
30	8	0	54,5	48,0	29,89	0,019	SE	1	Fair.
	2	0	57,0	50,0	29,90		SSW	1	Fair.

METEOROLOGICAL JOURNAL

for 1775.

	Time.		Therm.	Therm.	Barom.	Rain.	Winds.		Weather.
	H.	M.	without	within.	Inches.	Inch.	Points.	Str.	
Dec. 1	8	0	55,0	54,5	30,18		S	1	Fair.
	2	0	58,0	55,0	30,19		S	1	Fine.
2	8	0	51,0	54,0	30,20		SW	1	Fair.
	2	0	53,5	56,0	30,18		SW	1	Fine.
3	8	0	50,0	53,0	30,21		SW	1	Fair.
	2	0	55,5	54,5	30,22		WSW	1	Fair.
4	8	0	52,0	54,5	30,33		WSW	1	Fog.
	2	0	53,0	54,0	30,30		WSW	1	Cloudy.
5	8	0	47,5	53,5	30,41		WSW	1	Cloudy.
	2	0	49,5	53,0	30,40		SW	1	Cloudy.
6	8	0	42,0	48,0	30,46		N	1	Fine.
	2	0	47,0	50,0	30,48		N	1	Fine.
7	8	0	38,0	46,5	30,57		SSW	1	Fog.
	2	0	44,0	46,5	30,53		N by W	1	Fair.
8	8	0	45,0	46,5	30,45		WSW	1	Fog.
	2	0	49,0	47,5	30,40		SW	1	Cloudy.
9	8	0	37,0	44,0	30,45		N	1	Fine.
	2	0	41,5	44,0	30,49		N	1	Fine.
10	8	0	33,0	40,0	30,55		NNE	1	Fine.
	2	0	38,5	40,5	30,57		NNE	1	Fine.
11	8	0	32,5	37,5	30,51		SW	1	Fog.
	2	0	41,0	39,0	30,48		SSW	1	Fine.
12	8	0	34,5	38,0	30,45		SSW	1	Fine.
	2	0	40,0	40,0	30,42		S	1	Fine.
13	8	0	27,0	35,5	30,33		SW	1	Fine.
	2	0	40,0	37,0	30,26		SW	1	Fair.
14	8	0	46,5	40,0	30,20	0,030	W	0	Fog.
	2	0	48,0	43,0	30,24		N	1	Fair.
15	8	0	33,5	40,5	30,33		ENE	1	Fair.
	2	0	36,0	41,0	30,32		NNE	1	Fair.
16	8	0	34,5	38,0	30,40		NE	0	Foggy.
	2	0	41,0	39,0	30,41		NE	1	Foggy.

METEOROLOGICAL JOURNAL
for 1775.

	Time.		Therm.	Therm.	Barom.	Rain	Winds.		Weather.
	H.	M.	without	within.	Inches.	Inch.	Points.	Str.	
Dec. 17	8	0	30,5	36,5	30,45		E	1	Fine.
	2	0	34,0	37,0	30,55		SE	1	Fine.
18	8	0	31,0	34,0	30,535		ENE	1	Fair.
	2	0	35,5	34,5	30,47		NE	1	Fine.
19	8	0	29,0	34,0	30,32		NE	1	Fair.
	2	0	37,5	35,0	30,29		ENE	1	Fog.
20	8	0	35,0	34,0	30,12		E	1	Fog.
	2	0	36,0	37,0	29,98		SE	1	Fair.
21	8	0	37,5	37,0	29,38		SSE	1	Fog.
	2	0	46,5	39,0	29,21		SSW	1	Fair.
22	8	0	41,0	42,5	29,30	0,050	SW	1	Fog.
	2	0	46,0	43,5	29,41		SW	1	Fine.
23	8	0	48,5	45,5	29,13	0,146	SSW	2	Rain.
	2	0	51,0	47,0	29,06		SSW	2	Fine.
24	8	0	45,0	46,0	28,80	0,114	SE by E	2	Rain.
	2	0	47,0	47,0	28,60		SSW	2	Rain.
25	8	0	38,5	44,0	28,97	0,035	SSE	1	Fine.
	3	0	45,5	47,0	28,99		SW	1	Fair.
26	8	0	40,0	43,0	29,42		WSW	0	Fair.
	2	0	43,5	43,5	29,50		SW	1	Fine.
27	8	0	33,0	41,5	29,80		SSW	1	Fog.
	2	0	40,0	42,0	29,86			1	Fair.
28	8	30	29,0	38,5	29,96		NNE	1	Foggy.
	2	0	38,0	39,0	29,86		SSE	1	Fair.
29	8	0	39,0	39,5	29,68	0,144	SSW	1	Rainy.
	2	0	43,5	41,5	29,81		NNW	1	Fair.
30	8	0	30,5	38,0	29,96		NNE	1	Foggy.
	2	0	40,0	39,0	29,91		S	1	Fine.
31	8	0	32,0	38,0	30,12	0,057	SSW	1	Fair.
	2	0	38,5	38,5	30,14		S	1	Fair.

METEOROLOGICAL JOURNAL

for January 1776.

	Time.		Therm.	Therm.	Barom.	Rain.	Winds.		Weather.
	H.	M.	without	within.	Inches.	Inch.	Points.	Str.	
Jan. 1	8	0	38,5	39,0	29,94		SE	1	Cloudy.
	2	0	41,0	40,0	29,82		S	1	Fine.
2	8	0	41,0	41,5	29,50	0,075	NNW	1	Rain.
	2	0	40,5	41,5	29,69		NNW	1	Cloudy.
3	8	0	36,0	39,5	30,09	0,065	NE	1	Cloudy.
	2	0	37,0	40,5	30,14		E	1	Fine.
4	8	0	39,0	38,5	29,77	0,031	SSE	1	Rain.
	2	0	44,0	40,0	29,50		S	2	Rain.
5	8	0	44,5	43,5	29,40	0,444	SW	1	Fair.
	2	0	48,5	45,5	29,48		WSW	1	Cloudy.
6	8	0	36,0	43,5	29,63		WSW	1	Fine.
	2	10	41,5	44,0	29,57		E by N	1	Fair.
7	8	30	33,0	39,5	29,245	0,153	ENE	1	Rain.
	2	0	31,0	38,0	29,35		ENE	2	Snow.
8	8	0	30,0	34,0	29,46	0,229	NE	1	Much snow last night.
	2	0	32,0	35,5	29,49		N	1	Fair.
9	8	0	30,0	34,5	29,63	0,079	N	1	Cloudy.
	2	0	28,5	33,5	29,67		ENE	1	Cloudy.
10	8	0	30,5	33,5	29,73		NNE	1	Cloudy.
	2	0	33,0	34,0	29,73		NW	1	Cloudy.
11	8	0	30,0	31,5	29,57		E	1	Cloudy.
	2	0	35,0	33,5	29,41		SE	1	Cloudy.
12	8	0	30,0	33,0	29,21	0,091	E	2	Much snow and wind last nt.
	2	0	32,0	34,0	29,21		ENE	2	Snow.
13	8	0	30,0	32,5	29,32		NE	2	Much snow and wind last nt.
	2	0	29,0	32,0	29,36		NE	2	Cloudy.
14	8	0	25,0	30,0	29,45		ENE	2	Snow.
	2	0	26,0	29,0	29,49		NE	2	Snow.
15	8	0	26,0	29,0	29,70		N	1	Cloudy.
	2	0	29,0	30,5	29,70		ENE	1	Snow.
16	8	0	25,5	29,0	29,71		NNE	1	Snow.
	2	0	30,5	30,5	29,70		NE	1	Snow.

METEOROLOGICAL JOURNAL

for January 1776.

	Time.		Therm.	Therm.	Barom.	Rain.	Winds.		Weather.
	H.	M.	without	within.	Inches.	Inch.	Points.	Str.	
Jan 17	8	0	28,0	29,5	29,74		NNE	1	Cloudy.
	2	0	30,5	30,5	29,74		NNE	1	Cloudy.
18	8	0	33,0	32,0	29,87		ENE	1	Cloudy.
	2	0	30,0	31,5	29,90		ENE	1	Cloudy.
19	8	0	27,0	30,5	29,90		NE	1	Snow.
	2	0	27,0	31,0	29,85		NE	1	Fair.
20	8	0	23,5	29,0	29,70		N	1	Fair.
	2	0	24,0	29,0	29,70		N	1	Fine.
21	8	0	22,0	27,0	29,62		SSW	1	Cloudy.
	2	0	28,5	27,5	29,55		SSW	1	Fine.
22	8	0	30,5	28,5	29,41		E	1	Fair.
	2	0	33,5	30,5	29,39		NE	1	Fine.
23	8	0	25,0	28,5	29,53		NE	1	Fair.
	2	0	33,0	30,0	29,58		NNE	1	Snow.
24	8	0	30,0	30,0	29,81		ENE	0	Cloudy.
	2	0	35,0	31,5	29,84		NE by E	1	Fair.
25	8	0	29,0	31,5	29,87		NE	1	Cloudy.
	2	0	33,0	32,5	29,85		SE	1	Fair.
26	8	0	26,0	30,5	29,82		E	1	Cloudy.
	2	0	26,0	30,5	29,82		SSE	2	Fine.
27	8	0	19,5	26,0	29,80		ENE	2	Snow.
	2	0	20,5	25,5	29,79		ENE	2	Snow.
28	8	0	18,5	22,5	29,94		E	2	Snow.
	2	0	22,0	23,0	30,00		E	2	Fine.
29	8	0	14,5	20,0	29,91		SE	1	Fine.
	2	0	24,0	21,5	29,88		SE by E	1	Fair.
30	8	0	15,0	19,5	29,97		NE	1	Fair.
	2	0	21,0	20,5	30,02		E	1	Fine.
31	8	0	13,5	19,5	30,09		NE	1	Fair.
	2	0	23,5	20,5	30,07		E	1	Fine.

METEOROLOGICAL JOURNAL

for February 1776.

	Time.		Therm.	Therm.	Barom.	Rain.	Winds.		Weather.
	H.	M.	without	within.	Inches.	Inch.	Points.	Str.	
Feb. 1	8	0	14,5	19,0	29,97		NE	1	Fair.
	2	0	31,5	31,5	29,86		E	1	Cloudy.
2	8	0	37,0	28,5	29,78		NE	0	Cloudy.
	2	0	40,5	31,0	29,57		SE by E	1	Fair.
3	8	0	37,0	34,5	29,34	0,093	SSE	1	Fog.
	2	0	44,0	36,0	29,51		S by W	1	Fine.
4	8	20	44,0	38,5	29,22		SW	2	Cloudy.
	2	0	48,0	41,0	29,22		SW	1	Cloudy.
5	8	0	40,5	42,0	29,16	0,153	WSW	2	Fine.
	2	0	48,0	44,0	29,11		SWbyW	2	Fine.
6	8	0	37,0	42,5	28,98	0,221	WSW	2	Fine.
	2	0	45,0	44,0	29,02		WSW	2	Fine.
7	8	0	43,0	42,0	28,91		SWbyW	2	Fair.
	2	0	47,5	43,5	29,07		SW	2	Fair.
8	8	0	40,0	42,5	29,66	0,190	SW	1	Rain.
	2	0	49,5	44,5	29,62		SSW	2	Cloudy.
9	8	0	41,0	44,5	29,78	0,190	SSW	1	Fine.
	2	0	45,5	45,5	29,58		S	2	Cloudy.
10	8	0	42,0	46,0	28,99	0,524	SWbyW	2	Rain.
	2	0	48,0	47,0	28,97		SW	2	Fair.
11	8	0	42,5	45,0	28,84	0,275	SW	2	Fair.
	2	0	45,5	46,0	28,84		SSW	2	Rain.
12	8	0	34,0	42,0	29,10		SSW	1	Fair.
	2	0	46,0	44,0	29,24		WSW	1	Fine.
13	8	0	36,5	42,5	29,68		SW	1	Fine.
	2	0	47,0	44,0	29,71		WSW	1	Fine.
14	8	0	47,0	45,0	29,51	0,163	SW	2	Fair.
	2	0	51,0	48,0	29,53		S by W	1	Fine.
15	8	0	38,0	44,5	29,90		SSW	1	Fine.
	2	0	48,0	46,5	29,91		SSW	2	Fair.
16	8	0	42,0	46,0	29,75	0,085	SW	1	Fine.
	2	0	49,5	47,5	29,78		SW	1	Fair.

METEOROLOGICAL JOURNAL

for February 1776.

	Time.		Therm.	Therm.	Barom.	Rain.	Winds.		Weather.
	H.	M.	without	within.	Inches.	Inch.	Points.	Str.	
Feb. 17	8	0	36,0	43,0	29,68	0,021	ENE	1	Rainy.
	2	0	43,5	42,5	29,53		E	1	Fair.
18	7	0	35,5	42,0	29,43	0,270	SSW	1	Fair.
	2	0	39,5	42,0	29,25		NE	1	Cloudy.
19	7	0	38,5	42,0	29,34	0,140	SW	1	Rainy.
	2	0	41,5	41,5	29,62		NW	1	Fair.
20	7	0	41,5	40,5	29,775	0,089	S	1	Rainy.
	2	0	50,0	44,0	29,80		W by S	1	Fine.
21	7	0	49,5	45,5	29,58		WSW	2	Cloudy.
	2	0	54,5	49,0	29,50		WSW	2	Fair.
22	7	0	36,5	44,0	29,62	0,412	SW	1	Fine.
	2	0	45,0	45,0	29,41		SSE	3	Rain.
23	7	0	35,0	40,5	29,38	0,148	WSW	1	Fine.
	2	0	45,5	44,0	29,50		WSW	2	Fair.
24	7	0	39,0	41,0	29,25	0,079	SSE	1	Rain.
	2	0	46,0	48,0	29,10		WSW	1	Rain.
25	7	0	37,0	40,0	29,50	0,102	N	1	Cloudy.
	2	0	43,0	41,5	29,55		SSW	1	Fair.
26	7	0	46,0	43,5	29,18		SSW	1	Cloudy.
	2	0	53,0	46,5	29,13		S by W	2	Cloudy.
27	7	0	39,5	43,0	29,155	0,149	SSW	2	Cloudy.
	2	0	48,0	45,0	29,26		WSW	2	Fair.
28	7	0	43,0	43,5	29,11	0,140	SSW	2	Fair.
	2	0	47,0	45,5	29,17		SW	2	Fair.
29	7	0	38,0	43,0	29,35	0,066	SSW	1	Fine.
	2	0	48,0	45,0	29,35		WSW	1	Fine.

1775.	Thermometer without.			Thermometer within.			Barometer.		
	Greatest Height.	Least Height.	Mean Height.	Greatest Height.	Least Height.	Mean Height.	Greatest Height.	Least Height.	Mean Height.
January,	54,0	25,5	42,7	52,0	30,5	43,5	30,38	29,30	29,84
February,	55,0	35,0	44,5	52,5	41,5	45,7	30,48	28,89	29,24
March,	58,0	28,5	43,9	53,0	37,0	46,1	30,61	29,07	29,67
April,	83,5	36,5	52,8	69,0	40,0	52,7	30,36	29,50	30,026
May,	74,5	43,0	57,8	67,5	50,0	58,5	30,43	29,68	30,12
June,	81,5	52,0	66,3	73,5	60,5	67,3	30,30	29,61	29,91
July,	82,0	58,0	66,1	74,0	61,5	67,3	30,18	29,59	29,88
August,	75,5	52,5	64,3	70,5	58,0	64,8	30,07	29,50	29,86
September,	75,0	47,0	61,1	68,5	56,0	62,6	30,15	29,51	29,756
October,	66,0	32,0	50,5	68,0	41,5	52,4	30,26	29,16	29,86
November,	57,0	28,0	42,5	53,0	37,0	43,7	30,36	29,16	29,76
December,	58,0	27,0	41,2	56,0	34,0	43,0	30,57	28,60	30,06
1776.									
January,	44,5	13,5	29,3	43,5	20,5	31,8	30,14	29,21	29,687
February,	49,5	14,5	42,6	46,0	19,0	42,4	29,97	28,84	29,408
Whole year, beginning with March 1775.			51,5			52,7			29,833

VARIATION-NEEDLE.

	7 h. A.M.	12 h. M.	2 h. P.M.	10 or 11 h. P.M.	Daily Mean.
June 18	21 34	21 48	21 45	21 36	21 41
19	21 31	21 53	21 55	21 38	21 46
20	21 35	21 53	21 50	21 41	21 45
21	21 39		21 50	21 41	21 43
22	21 39	21 50	21 50	21 40	21 45
23	21 37	21 47	21 50	21 41	21 44
24	21 44	21 45	21 52	21 47	21 47
25	21 40	21 45	21 46	21 40	21 43
26	21 40	21 47	21 47	21 30	21 41
27	21 30	21 46	21 46	21 43	21 41
28	21 37	21 47	21 47	21 40	21 43
29	21 38	21 39	21 45	21 38	21 40
30	21 37	21 43	21 47	21 40	21 44
July 1	21 34	21 44	21 47	21 38	21 41
2	21 37	21 47	21 48	21 36	21 42
3	21 42	21 45	21 48	21 40	21 44
4	21 37	21 47	21 45	21 42	21 43
Means,	21 37	21 47	21 48	21 39	
Mean of all 21 43.					

DIPPING-NEEDLE.

		7 h. A.M.	12 h. M.	2 h. P.M.	11 h.	Mean.
Divided face of instrument to the West,	June 19	72° 30'	72° 33'	72° 28'	72° 32'	72° 32'
	20	72° 30'	72° 28'	72° 32'	72° 30'	
	21	72° 38'		72° 32'	72° 25'	
	22	72° 27'	72° 38'	72° 32'	72° 30'	
	23	72° 26'	72° 30'	72° 28'	72° 32'	
	24	72° 38'	72° 28'	72° 30'	72° 26'	
	25	72° 34'	72° 37'	72° 40'	72° 32'	
East.	26	72° 33'	72° 33'	72° 34'	72° 24'	72° 32'
	27	72° 28'	72° 33'	72° 32'	72° 33'	
	28	72° 35'	72° 35'	72° 34'	72° 32'	
	29	72° 32'	72° 30'	72° 44'	72° 33'	
June 29, Poles changed, marked end points upwards.						
East,	June 29			72° 44'	72° 33'	72° 40'
	30	72° 35'	72° 45'	72° 45'	72° 45'	
West,	July 1	72° 33'	72° 45'	72° 45'	72° 32'	72° 17'
	2	72° 24'	72° 15'	72° 17'	72° 20'	
	3	72° 14'	72° 13'	72° 12'	72° 15'	
	4	72° 17'	72° 18'	72° 18'	72° 18'	
Mean of the four means, or the true dip, 72° 30'.						