

A
METEOROLOGICAL JOURNAL

FOR THE YEAR 1774.

KEPT

AT THE ROYAL SOCIETY'S HOUSE

BY ORDER OF

THE PRESIDENT AND COUNCIL.

VOL. LXV.

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METEOROLOGICAL JOURNAL
for 1774.

	Time.	Therm. without	Therm. within.	Barom.	Rain.	Winds.		Weather.
						Points.	Str.	
	H. M.			Inches.	Inch.			
Jan.	1 8 0	26,0	36,0	29,57		W	1	Frost.
	2 30	31,5	36,5	29,55				
2	8 30	30,8	34,5	29,44		NW	1	Fair.
3	8 15	26,0	32,5	29,765		NNW	1	Fair.
	2 10	32,5	33,0	29,89				
4	8 40	24,0	31,0	30,015		SW	1	Fine.
	2 0	32,0	32,0	29,995		WSW	1	
5	8 15	25,8	32,0	30,135		SW	1	Fog.
	4 0	30,0	32,0	30,175		SW	1	Fog.
6	8 5	34,7	33,0	29,975		SW	1	Rain.
	2 10	41,0	35,5	29,925		SSW	1	Rain.
7	8 5	35,7	36,5	29,585	0,596	NNW	2	Clear.
	2 0	39,0	38,5	29,67		NW	1	
8	8 15	28,0	36,0	29,93		SSW	1	Fog.
	3 15	36,0	37,0	29,84		E		
9	8 15	37,5	38,0	29,475	0,956	N	1	Rain.
	2 0	33,0	38,5	29,615		N	1	Snow.
10	8 0	30,5	36,5	29,815	0,340	E	1	Clear.
	2 15	31,0	36,5	29,835				
11	8 0	27,0	33,5	29,735		ENE	1	Fine.
	3 0	32,0	34,0	29,70		ENE		
12	8 15	28,0	32,0	29,67		ENE	1	Fair.
	2 0	32,5	33,5	29,64		ENE	1	
13	8 0	30,0	32,0	29,44		E by N	1	Fog.
	2 0	34,0	34,0	29,325				
14	8 10	42,0	38,0	28,79	0,184	SW	2	Rain.
	2 10	46,0	40,5	28,845		SW		Rain.
15	8 0	41,5	41,5	29,20	0,042	SW	1	Cloudy.
	2 0	44,7	43,0	29,33		NW	1	
16	8 15	45,5	44,0	29,265	0,098	SW	1	Cloudy.
	2 10	50,0	45,0	29,22		SW		Cloudy.

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	Time.		Therm.	Therm.	Barom.	Rain.	Winds.		Weather.
	H.	M.	without	within.	Inches.	Inch.	Points.	Str.	
Jan. 17	8	0	48,5	46,0	29,27	0,010	SW	2	Cloudy, windy night.
	2	0	50,5	47,5	28,935		SSW	2	Rain.
18	8	0	34,5	45,0	29,11	0,210	NNE	2	snow, windy night.
	2	0	35,0	50,5	29,34		NE		
19	8	0	27,0	39,0	29,895		W by N	2	Fair, windy night.
	2	10	34,0	39,0	29,92		NW	1	Fair.
20	8	0	29,5	35,5	29,75		E by S	1	Fog.
	2	0	33,0	36,0	29,65		E by S	1	Fair.
21	8	0	30,0	34,5	29,73		E	1	Fair.
	2	5	35,0	35,5	29,83		E	1	Fair.
22	8	0	27,5	33,5	29,76		E by S	1	Fair.
	2	0	36,0	42,0	29,56		SE	1	
23	8	0	40,5	38,5	28,99	0,136	SW	2	Cloudy.
	3	0	41,0	39,0	29,02		SW	1	Fair.
24	8	0	35,0	38,0	28,85		SW	1	Snow.
	3	0	39,0	39,0	28,98		SW	1	Cloudy.
25	8	0	30,5	37,0	29,455		WSW	1	Fair.
	2	0	36,0	38,0	29,53		WSW	1	Fair.
26	8	0	32,5	37,0	29,35	0,058	SW	1	Fair.
	2	30	39,5	39,0	29,46		WSW	1	Fair.
27	8	0	42,0	39,0	29,50	0,117	SW	1	Rain.
	3	0	48,0	41,5	29,34		SW	1	Rain.
28	8	0	36,0	42,0	29,51	0,131	SW	1	Fair.
	2	10	41,0	43,5	29,56		SW	1	Fair.
29	8	0	37,5	41,5	29,58	0,058	SE	1	Rain.
	3	0	42,5	42,0	29,57		W	1	Fog.
30	8	0	31,5	40,0	29,88	0,022	W	1	Fair.
	2	15	41,0	41,0	29,94		NW	1	Fine.
31	8	0	27,0	37,0	30,055		N by E	1	Fair.
	2	0	35,0	38,0	30,07		N	1	Fair.

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	Time.		Therm.	Therm.	Barom.	Rain.	Winds.		Weather.
	H.	M.	without	within.	Inches.	Inch.	Points.	Str.	
Feb. 1	8	0	31,0	36,0	30,20		NE	1	Fair.
	2	0	32,0	36,0	29,87		SW	1	Snow.
2	8	0	24,5	33,0	30,225		NE	1	Fair.
	2	0	33,5	35,0	30,28		NE	1	Fair.
3	8	0	29,0	33,0	30,355		NNE	1	Fair.
	2	0	37,0	36,0	30,36		NE	1	Thaw.
4	8	30	35,5	36,5	30,435	0,114	NE	1	Fog.
	2	10	40,0	38,0	30,46		NNE	1	Thaw.
5	8	0	29,0	36,0	30,44		E	1	Fair.
	2	0	40,0	38,0	30,44		N	1	Fine.
6	8	0	27,5	35,0	30,31		W	1	Fair.
	2	10	36,5	36,5	30,27		WSW	1	Fine.
7	8	0	36,0	36,0	30,04		WSW	1	Fog.
	2	0	46,0	39,0	29,95		SWbyW	2	Fair.
8	8	0	41,0	40,0	29,25	0,211	W	2	Fair.
	2	0	34,0	39,0	29,55		NW	2	Fine.
9	8	0	25,0	35,0	29,92		W	1	Fair.
	3	15	34,0	36,0	29,91		NW	1	Fine.
10	8	0	32,0	35,0	30,00		WSW	1	Fog.
	2	0	38,5	36,5	29,97		S	1	Rain.
11	8	0	45,0	40,0	29,41	0,330	SW	1	Rain, windy night.
	2	0	49,0	42,0	29,30		SW	1	Fine.
12	8	0	40,0	41,5	29,58	0,102	SW	1	Fair.
	3	15	48,5	44,0	29,74		W	1	Fair.
13	8	0	43,5	45,5	29,81	0,040	SW	2	Fair, windy night.
	2	0	51,0	47,0	29,87		SW	1	Fair.
14	8	0	47,0	48,0	29,84		SSW	1	Fair, windy night.
	2	10	52,0	50,0	29,74		SSW	1	Fair.
15	8	0	45,0	48,0	29,74	0,185	SSW	1	Fair.
	2	0	50,0	54,0	29,56		SSW	2	Fair.
16	8	0	48,5	49,0	29,19	0,079	SSW	2	Rain, windy night.
	2	5	47,5	50,0	29,20		SW	2	Rain.

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	Time.		Therm.	Therm.	Barom.	Rain.	Winds.		Weather.
	H.	M.	without	within.	Inches.	Inch.	Points.	Str.	
Feb. 17	8	0	40,0	47,0	29,43	0,057	SW	2	Fair.
	2	0	44,5	47,5	29,55		WSW	2	Fine.
18	8	0	30,0	44,5	29,88		SW	1	Fair.
	2	40	48,5	46,5	29,93		W	1	Fair.
19	8	0	40,5	44,5	30,09		SSW	1	Fair.
	2	0	47,5	46,0	29,96		S	1	Fair.
20	8	0	38,5	45,0	29,97	0,200	SW	1	Fair.
	2	0	48,0	47,0	30,04		SW	1	Fine.
21	8	0	43,0	45,5	29,66		S	2	Fair, windy night.
	2	15	45,0	47,0	29,45		WSW	2	Rain.
22	8	0	39,0	44,0	29,90	0,195	SSW	1	Rain.
	2	0	46,0	45,0	29,61		SSW	2	Rain.
23	8	0	45,0	46,0	29,47	0,127	SW	1	Fair, windy night.
	2	40	50,5	48,0	29,39		SSW	1	Rain.
24	8	0	40,5	47,5	29,16	0,170	SW	3	Fair, windy night.
	2	0	49,0	49,0	29,30		WSW	3	Fair.
25	8	0	39,5	46,5	29,26	0,090	E	1	Rain, windy night.
	2	0	40,5	46,0	28,95		N	1	Rain.
26	8	0	34,5	42,0	29,55	0,280	W by N	1	Fair.
	2	0	41,0	43,0	29,68		W by N	1	Fine.
27	8	0	33,0	40,0	30,07		WSW	1	Fair.
	2	0	44,5	41,5	30,15		W	1	Fine.
28	8	0	44,5	44,0	29,80	0,180	SW	2	Rain, windy night.
	2	0	52,0	45,5	29,68		SW	2	Fair.

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	Time.		Therm.	Therm.	Baroni.	Rain.	Winds.		Weather.
	H.	M.	without	within.	Inches.	Inch.	Points.	Str.	
Mar. 1	8	0	37,0	43,5	29,85	0,043	WSW	1	Fair.
	2	0	46,0	46,0	29,93		W	2	Fair.
2	8	0	37,5	42,5	29,57	0,083	SW	1	Fair.
	2	0	40,0	43,5	29,46		WSW	1	Fair.
3	8	0	33,5	40,5	29,56	0,020	W	1	Fair.
	2	0	43,5	43,0	29,615		NW	1	Fair.
4	8	0	37,5	43,5	29,33	0,127	SE	1	Rain.
	2	20	49,0	46,0	29,16		SW	1	Fair.
5	8	0	41,0	44,0	29,155	0,410	SW	1	Fair.
	2	0	45,5	45,0	29,14		SW	1	Rain.
6	8	0	44,0	45,0	29,34	0,142	SW	1	Fair.
	2	40	54,5	48,0	29,44		SW	1	Fair.
7	7	30	50,0	48,5	29,54	0,328	SW	2	Rain, windy night.
	2	0	51,0	51,0	29,61		SW	2	Rain.
8	7	30	52,0	51,5	29,60	0,220	SW	2	Rain.
	2	0	47,5	52,0	29,73		N	2	Rain.
9	7	30	39,5	47,5	29,94	0,387	NE	2	Rain.
	2	40	40,0	46,0	29,81		NE	2	Rain.
10	7	30	35,0	41,5	29,90		NE	2	Fair.
	2	0	39,0	48,0	29,89		NE	2	Fine.
11	7	30	34,0	41,5	29,87		NE	2	Fair.
	2	15	42,0	43,5	29,81		NE	2	Fair.
12	8	0	30,0	39,5	29,74		NE	1	Fair.
	2	0	44,0	42,0	29,74		NE	2	Fine.
13	8	0	36,0	40,0	29,97		ENE	1	Fair.
	2	0	41,0	41,5	30,01		E	1	Fine.
14	7	35	31,5	39,0	30,06		NE	1	Fair.
	15	7	30	31,5	38,0		29,93	NE	1
15	2	0	47,0	40,0	29,88		ESE	1	Fine.
	16	7	35	32,0	40,0		29,765	ENE	1
16	2	0	50,5	50,0	29,69		ENE	1	Fine.

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	Time.	Therm.	Therm.	Barom.	Rain.	Winds.		Weather.
	H. M.	without	within.	Inches.	Inch.	Points.	Str.	
Mar. 17	7 30	37,5	43,0	29,62		ENE	1	Fair.
	2 0	60,0	47,0	29,61		SSW	1	Fine.
18	7 30	48,0	49,0	29,55		S	2	Fair.
	2 0	56,5	52,0	29,52		SSE	1	Fine.
19	7 30	45,5	49,5	29,49	0,010	SE	1	Fair.
	2 0	57,5	54,0	29,55		SE	1	Fine.
20	7 35	45,0	49,5	29,73		NE	1	Fair.
	2 0	55,5	53,5	29,78		E	1	Fine.
21	7 35	41,5	49,5	30,01		NE	1	Fair.
	2 0	54,0	52,0	30,09		N	1	Fine.
22	7 30	40,5	49,0	30,30		NE	1	Fair.
	2 0	50,0	51,0	30,31		NNE	1	Fine.
23	7 40	42,0	48,0	30,30		N	1	Fair.
	2 0	46,5	49,0	30,30		NNE	1	Fair.
24	7 30	41,5	47,5	30,33	0,010	E by N	1	Fair.
	2 15	54,0	57,0	30,33		NE	1	Fine.
25	7 0	37,5	47,5	30,22		NNE	1	Fog.
	2 30	53,0	50,0	30,12		NE	1	Fine.
26	7 25	37,5	47,0	30,065		S	1	Fair.
	2 0	56,5	50,0	30,05		WSW	1	Fine.
27	7 40	41,0	48,0	30,07		SSW	1	Fair.
	2 0	59,0	52,0	30,01		S	1	Fine.
28	7 20	46,0	50,0	29,94		NE	1	Fine.
	2 15	60,0	61,5	29,99		NE	1	Fine.
29	7 25	43,0	44,0	30,10		NE by N	1	Fine.
	2 0	57,0	52,5	30,09		NE by N	1	Fine.
30	7 30	41,5	52,0	30,05		N	1	Fine.
	1 45	55,0	56,0	29,98		SW by S	1	Fine.
31	7 30	38,0	49,0	29,90		NE	0	Fog.
	2 0	59,0	56,0	29,725		SE	0	Fine.

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	Time.		Therm.	Therm.	Barom.	Rain.	Winds.		Weather.	
	H.	M.	without	within.	Inches.	Inch.	Points.	Dir.		
Apr. 1	7	20	44,0	50,0	29,65			E	1	Fine.
	2	0	54,0	52,0	29,58			E	2	Fine.
2	7	0	42,0	48,5	29,41			E	1	Fine.
	2	0	53,0	51,0	29,48			E	1	Fine.
3	7	15	46,5	48,5	29,35			S	1	Fine.
	2	0	54,0	52,0	29,33			SSE	2	Fair.
4	7	0	43,0	47,0	29,50	0,415		SW	2	Fine.
	2	0	53,0	52,0	29,68			SW	1	Fine.
5	7	0	42,5	48,0	29,78			SSW	1	Rain.
	2	0	52,5	50,5	29,765			SSW	2	Fine.
6	7	0	43,5	48,0	29,575	0,122		S	2	Rain.
	2	0	50,0	50,0	29,37			S	2	Rain.
7	7	0	44,0	48,5	29,35	0,188		S by W	1	Fair.
	2	0	53,0	51,0	29,36			S	2	Rain.
8	7	0	43,0	48,5	29,39	0,130		S	1	Fair.
	2	15	51,5	51,0	29,45			SSW	1	Fair.
9	7	0	36,5	47,0	29,56			NE	1	Fog.
	2	0	52,0	49,5	29,56			N	1	Fair.
10	7	10	44,0	48,5	29,625			W	1	Fair.
	2	0	60,0	51,5	29,69			SSW	1	Fine.
11	7	0	48,0	50,5	29,805			S	1	Fair.
	2	0	57,5	53,5	29,90			SE	1	Fair.
12	7	0	51,0	53,5	30,05			SSE	1	Fine.
	2	0	65,0	58,0	30,105			SE	1	Fine.
13	7	0	40,0	53,0	30,185			N	1	Fine.
	2	0	62,0	58,0	30,21			ENE	2	Fine.
14	7	0	45,5	51,5	30,24			NE	2	Fair.
	2	0	51,0	53,5	30,21			NE	1	Fine.
15	7	0	45,0	50,0	29,98			NE	1	Fair.
	2	0	48,5	51,0	29,88			NE	2	Fair.
16	7	0	42,5	49,0	29,82			NE	1	Fair.
	2	0	48,5	50,0	29,79			N by E	1	Fair.

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	Time.	Therm.	Therm.	Barom.	Rain.	Winds.		Weather.
	H. M.	without	within.	Inches.	Inch.	Points	Str.	
Apr. 17	7 25	42 0	48,0	29,875		SW	1	Fair.
	2 0	53,0	50,0	29,88		WSW	1	Fair.
18	7 0	47,5	50,0	29,63	0,082	SW	1	Fair.
	2 15	51,5	52,5	29,58		WNW	1	Fair.
19	7 0	38,0	46,0	29,80	0,065	NW	2	Fine.
	2 0	49,0	48,0	29,785		W	2	Fair.
20	7 0	42,0	46,5	29,74		NW	1	Fair.
	2 0	50,0	48,5	29,81		NNE	1	Fine.
21	7 0	38,0	45,0	30,08		W	1	Fine.
	3 0	54,0	49,0	30,08		W	1	Fine.
22	7 0	50,0	50,0	30,04		WSW	1	Fine.
	2 0	57,0	52,5	30,06		WSW	1	Fair.
23	7 0	51,5	53,0	30,11		WSW	1	Fine.
	2 0	67,0	58,0	30,17		WSW	1	Fine.
24	7 30	54,0	55,5	30,175		W	1	Fair.
	2 0	65,5	59,0	30,17		W by S	2	Fair.
25	7 0	51,0	57,5	30,08	0,005	SW	1	Rain.
	2 0	65,0	60,0	29,875		SW	1	Fine.
26	7 0	46,0	56,0	29,65	0,035	W	2	Fine.
	2 0	55,0	56,0	29,615		W	2	Fine.
27	7 0	39,0	50,0	29,605		W	1	Fine.
	2 0	53,0	52,0	29,62		W	1	Fine.
28	7 0	44,5	49,5	29,71		N	1	Fair.
	2 0	43,5	49,0	29,71		N	2	Rain.
29	7 0	46,5	49,5	29,86	0,200	NW	1	Rain.
	2 15	55,5	51,5	29,90		N by W	1	Fair.
30	7 0	50,	53,0	29,925		N	1	Fair.
	2 0	58,5	55,5	29,98		NE	1	Fair.

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	Time.	Therm. without	Therm. within.	Barom.	Rain.	Winds.		Weather.
						Points.	Str.	
	H. M.			Inches.	Inch.			
May 1	7 0	46,0	52,5	30,005		NE	2	Fair.
	2 0	58,0	55,0	29,97		NE	2	Fine.
2	7 0	50,0	53,0	29,58	0,020	NE	1	Cloudy.
	2 30	60,0	56,0	29,43		SSW	2	Cloudy.
3	7 10	51,0	55,0	29,38		NW	1	Cloudy.
	2 0	57,0	56,5	29,46		WSW	1	Rainy.
4	7 0	49,0	54,0	29,635		NE	1	Fine.
	2 6	63,0	60,0	29,65		ENE	2	Fine.
5	7 0	45,0	52,0	29,52	0,140	NE	1	Rainy.
6	7 0	48,0	53,5	29,53	0,043	NE	1	Fine.
	2 0	54,5	55,0	29,58		E	1	Fair.
7	7 0	46,0	51,5	29,84	0,363	NW	1	Fair.
	2 0	56,0	53,5	29,97		W by N	1	Fine.
8	7 30	47,5	51,5	30,13		ENE	1	Fair.
	2 0	63,0	55,0	30,11		SSE	1	Fine.
9	7 0	52,0	54,5	30,105	0,042	E	1	Fair.
	2 0	66,5	58,0	30,09		E	1	Fine.
10	7 0	55,5	56,5	29,96		NE	1	Fair.
	2 0	68,0	60,5	29,91		ENE	1	Fine.
11	7 0	53,0	58,0	29,85	0,048	ENE	2	Rain.
	2 0	60,0	60,5	29,89		NE	1	Fine.
12	7 0	52,5	57,5	29,97	0,088	N	1	Fair.
	2 0	65,5	61,0	30,01		N	1	Fine.
13	7 0	48,0	57,0	30,12		N	1	Fair.
	2 0	64,0	60,0	30,13		N	1	Fine.
14	7 0	52,0	57,5	30,12		NE	1	Fine.
	2 0	69,0	61,5	30,12		NE	1	Fine.
15	7 20	53,0	57,5	30,11		NE	1	Fine.
	2 0	66,5	60,5	30,11		NE	1	Fine.
16	7 0	46,5	56,0	30,175		NE	2	Fine.
	2 15	56,5	57,0	30,175		NE	1	Fine.

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	Time.		Therm.	Therm.	Barom.	Rain.	Winds.		Weather.
	H.	M.	without	within.	Inches.	Inch.	Points.	Str.	
May 17	7	0	48,0	54,0	30,12		NE	1	Fair.
	2	0	52,5	55,0	30,15		NE	1	Fine.
18	7	0	45,0	51,5	30,15		SSE	1	Fine.
	2	0	50,5	51,5	30,15		NE	1	Fair.
19	7	0	47,0	51,0	30,155		SW	1	Fair.
	2	0	61,0	55,0	30,15		N by W	1	Fine.
20	7	0	52,0	54,5	30,15		E	1	Fine.
	2	0	63,0	57,5	30,09		E	1	Fine.
21	7	0	54,0	55,5	29,75		E	1	Fair.
	2	0	59,5	57,5	29,61		E	1	Fair.
22	7	10	58,5	59,0	29,35		SSW	1	Fine.
	2	0	65,0	61,0	29,34		SSE	1	Fair.
23	7	0	53,0	58,5	29,34		S	1	Fair.
	2	0	54,5	59,0	29,34		S by E	1	Rain.
24	7	0	53,5	57,0	29,52	0,156	S by E	1	Rain.
	2	0	64,0	59,5	29,55		SSW	1	Fair.
25	7	0	50,5	57,0	29,74	0,121	NW	1	Fair.
	2	0	58,0	59,0	29,73		NW	1	Cloudy.
26	7	0	47,0	55,0	29,925	0,093	N	2	Cloudy.
	2	0	53,0	55,5	29,99		N	2	Fair.
27	7	0	45,0	51,0	29,96	0,076	NNW	2	Cloudy.
	2	0	56,0	53,5	29,99		NNW	2	Fair.
28	7	0	47,0	51,5	30,05	0,064	NW	1	Fine.
	1	45	55,0	54,0	30,05		NNW	1	Fair.
29	7	15	48,0	52,5	30,02	0,059	NW	1	Cloudy.
	2	0	50,5	53,5	29,92		NW	1	Rain.
30	7	0	47,0	51,5	29,79	0,050	SW	1	Cloudy.
	2	0	61,5	55,0	29,80		SW	1	Fine.
31	7	0	51,5	54,0	29,81	0,050	S by E	1	Rain.
	2	0	66,5	61,0	29,81		SW	1	Fine.

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	Time.		Therm.	Therm.	Barom.	Rain.	Winds.		Weather.
	H. M.		without	within.	Inches.	Inch.	Points.	Str.	
June 1	7	0	55,5	59,0	29,93	0,050	SSW	1	Fine.
	2	0	69,5	63,0	29,95		SSE	2	Fine.
2	7	0	63,0	62,0	29,93	0,046	S	2	Fair.
	2	0	66,0	63,5	29,92		S	2	Fine.
3	7	0	56,0	61,5	29,97	0,854	SW	1	Fine.
	2	15	66,0	63,5	29,88		SW	1	Fair.
4	7	0	52,0	60,0	29,65		WNW	1	Rain.
	4	30	54,5	51,0	29,65		NNE	1	Rain.
5	7	0	57,0	60,0	29,69	0,204	WNW	1	Fine.
	2	0	62,5	62,0	29,74		NW	1	Fine.
6	7	0	56,0	60,5	29,68	0,130	S	1	Fair.
	2	0	67,0	63,5	29,68		E	1	Fine.
7	7	0	54,5	61,0	30,10		NNW	1	Fine.
	2	0	72,0	64,0	30,17		NNW	1	Fine.
8	7	10	57,0	62,0	30,34		SE	0	Cloudy.
	2	0	68,5	64,5	30,34		NW	1	Fine.
9	7	0	65,0	65,0	30,255		W	1	Fair.
	2	0	75,5	68,5	30,24		W	1	Fine.
10	7	0	61,0	66,0	30,21		NE	0	Fine.
	2	0	64,0	67,0	30,18		E	0	Fair.
11	7	0	61,5	64,0	30,04		SW	0	Fair.
	2	0	71,0	67,5	29,95		E	1	Fair.
12	7	0	56,0	62,0	29,75		E	1	Fair.
	2	0	65,0	65,0	29,66		E	1	Cloudy.
13	7	0	59,5	64,5	29,60		N	2	Fine.
	2	0	70,0	66,0	29,74		WNW	2	Fine.
14	7	0	58,0	64,0	29,96		SW	1	Fair.
	2	0	72,0	67,0	29,97		SW	2	Fine.
15	7	0	60,5	67,0	29,85		S	1	Fair.
	2	0	77,0	70,0	29,84		SW	1	Fine.
16	7	0	62,0	68,0	29,96		S	1	Fine.
	2	0	74,5	69,5	29,99		SW	1	Fine.

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	Time.	Therm.	Therm.	Barom.	Rain.	Winds.		Weather.
	H. M.	without	within.	Inches.	Inch.	Points.	Str.	
June 17	7 0	63,0	66,0	29,99	0,060	SE	1	Rain.
	2 0	74,5	71,0	29,93		W	1	Fair.
18	7 0	57,0	65,0	30,01	0,170	SW	1	Fair.
	2 0	70,5	68,5	30,07		W	1	Fine.
19	7 30	60,5	66,0	29,90		SE	1	Fine.
	2 0	74,5	69,0	29,84		S	1	Fine.
20	7 0	60,0	65,5	29,475	0,019	S by W	1	Rain.
	2 0	65,0	67,0	29,47		S by W	2	Cloudy.
21	7 0	56,0	63,5	29,54	0,050	SW	1	Cloudy.
	2 10	61,5	64,0	29,64	0,510	S	1	Rain.
22	7 0	54,0	60,0	29,85		NNE	1	Cloudy.
	2 0	59,5	62,0	29,90		NW	1	Cloudy.
23	7 0	54,0	61,0	29,94	0,037	W	1	Cloudy.
	2 0	61,0	61,5	29,98		SW	1	Cloudy.
24	7 0	60,0	61,5	29,92		WSW	1	Fair.
	2 0	69,0	64,0	29,97		SW	1	Fair.
25	7 0	61,0	63,5	30,03		SSW	1	Fair.
	2 0	72,0	67,0	30,00		SSW	1	Fair.
26	7 0	67,0	66,5	29,92		SW	1	Fine.
	2 0	77,5	70,0	29,92		SW	1	Fine.
27	7 0	62,5	68,5	29,90		SW	1	Fine.
	2 0	69,0	69,5	29,87		SW	1	Fair.
28	7 0	60,5	66,5	29,78	0,026	SSW	1	Cloudy.
	2 30	69	67,5	29,80		SW	2	Fair.
29	7 0	59,5	65,5	29,93	0,028	WSW	2	Fine.
	2 10	67,0	65,0	29,94		SW	2	Fine.
30	7 0	58,5	62,5	29,83	0,089	SW	2	Cloudy.
	2 10	67,0	65,0	29,88		SSW	2	Fair.

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	Time.	Therm. without	Therm. within.	Barom.	Rain.	Winds.		Weather.
						Points.	Str.	
	H. M.			Inches.	Inch.			
July 1	7 0	59,0	63,0	30,00		SW	1	Cloudy.
	2 0	73,5	66,5	30,01		SW	1	Fine.
2	7 0	62,0	65,5	30,10		S	1	Fair.
	2 0	76,0	69,0	29,92		SW	1	Fine.
3	7 0	61,0	67,5	29,71		S	1	Cloudy.
	2 0	75,5	70,5	29,74		SW	2	Fine.
4	7 0	60,0	67,0	29,84		SW	1	Fine.
	2 0	68,5	68,5	29,88		SW	2	Fine.
5	7 0	59,0	65,0	29,98	0,045	SSW	1	Fair.
	2 0	68,0	67,0	29,92		SSW	2	Fair.
6	7 0	58,0	65,0	29,77	0,178	WSW	1	Fine.
	2 0	63,0	65,0	29,75		WSW	2	Fine.
7	7 0	56,0	62,0	30,04	0,208	W	1	Fair.
	2 0	72,5	66,5	30,05		WSW	1	Fine.
8	7 0	64,0	63,0	29,93		SSE	1	Fine.
	2 30	68,5	66,0	29,92		SSE	1	Fair.
9	7 0	57,5	64,5	29,98	0,060	SW	1	Fine.
	2 0	64,5	66,5	29,99		SW	2	Rain.
10	7 20	59,0	63,0	29,99	0,226	SSW	1	Fine.
	2 5	69,0	65,0	29,92		SSW	1	Fine.
11	7 0	59,5	64,0	29,96	0,062	SW	1	Fair.
	2 0	60,5	64,0	29,99		NW	1	Rain.
12	7 0	58,0	63,0	30,03	0,130	SW	1	Fair.
	2 0	67,5	65,0	29,98		SW	2	Fine.
13	7 0	61,0	64,0	29,77	0,053	WSW	1	Fair.
	2 0	68,5	66,0	29,90		WNW	1	Fair.
14	7 0	61,0	64,0	29,61	0,282	SSW	1	Cloudy.
	2 10	63,0	65,0	29,80		NW	2	Fine.
15	7 0	58,5	63,0	30,08	0,039	NW	2	Fine.
	2 0	69,0	65,0	30,19		NW	2	Fine.
16	7 0	56,5	62,0	30,32		NW	1	Fine.
	2 5	71,0	65,5	30,30		NW	1	Fine.

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	Time.	Therm.	Therm.	Barom.	Rain.	Winds.		Weather.
	H. M.	without	within.	Inches.	Inch.	Points.	Str.	
July 17	7 20	60,0	65,0	30,235		WSW	1	Fine.
	2 20	68,5	67,0	30,21		SW	1	Fair.
18	7 0	60,0	65,0	30,19		WNW	1	Fair.
	2 0	68,0	67,0	30,21		WNW	1	Fair.
19	7 0	59,5	63,5	30,16		SW	1	Fair.
	2 0	66,0	65,5	30,05		WSW	2	Fair.
20	7 0	58,5	61,5	29,87	0,168	WNW	1	Fine.
	2 0	64,0	64,5	29,92		NW	1	Fine.
21	7 0	55,5	60,0	30,03	0,063	SW	1	Fair.
	2 0	70,5	64,5	30,03		SW	1	Fair.
22	7 0	57,0	62,5	30,26	0,102	N	1	Fair.
	2 0	67,5	65,0	30,33		N by E	1	Fine.
23	7 0	63,0	65,0	30,36		WSW	1	Fair.
	2 0	77,5	68,0	30,33		S by W	1	Fine.
24	7 0	60,0	66,5	30,22		S	0	Fine.
	2 0	77,5	69,0	30,14		S by W	0	Fine.
25	7 0	63,0	68,5	30,07		S	0	Fair.
	2 0	81,0	72,0	30,05		S by E	0	Fine.
26	7 0	63,0	70,0	29,92		NE	1	Fine.
	2 0	83,5	73,5	29,78		E by S	1	Fine.
27	7 0	61,0	70,0	29,92	0,540	S by W	1	Fine.
	2 0	71,0	70,0	29,95		SW	2	Fine.
28	7 0	58,0	65,0	29,88	0,192	WSW	1	Fine.
	2 0	69,5	68,0	29,92		SW	1	Fine.
29	7 10	62,0	65,0	29,83	0,045	WSW	2	Rainy.
	2 0	68,0	68,0	29,79		SW	2	Fair.
30	7 0	60,5	66,5	29,94	0,045	W	1	Fine.
	2 0	72,5	69,0	30,01		NW	1	Fair.
31	7 15	60,0	66,5	30,01		W by S	1	Fair.
	2 0	70,0	68,0	30,03		NW	1	Fine.

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	Time.	Therm without	Therm. within.	Barom.	Rain.	Winds.		Weather.
						Points.	Str.	
	H. M.			Inches.	Inch.			
Aug 1	7 0	56,5	64,5	30,12	0,068	N by W	1	Fair.
	2 0	69,0	67,5	30,20			NNE	1
2	7 0	53,5	63,0	30,32	30,31	SE	1	Fine.
	2 0	67,0	64,5	30,31			S by W	1
3	7 0	55 0	62,5	30,22	30,15	N	1	Fine.
	2 0	73,0	65,5	30,15			E by N	2
4	7 0	59,0	65,0	29,96	0,030	NE	1	Fair.
	2 0	68,5	68,0	30,02			NE	2
5	7 0	56,5	64,0	29,88	1,002	NW	1	Fair.
	2 0	62,5	65,5	30,00			SW	1
6	7 0	59,0	63,5	30,09	0,042	WSW	2	Fine.
	2 0	73,0	68,0	30,095			WSW	2
7	7 0	63,5	66,0	30,09	30,11	WSW	2	Fine.
	2 0	78,0	70,5	30,11			N	1
8	7 0	61,5	67,0	30,11	30,04	E by S	1	Fair.
	2 0	77,0	73,0	30,04			S	1
9	7 10	67,5	70,5	29,81	29,80	WSW	1	Fine.
	2 0	77,5	74,0	29,80			WSW	1
10	7 0	57,0	68,5	29,88	29,91	W	1	Fair.
	2 0	69,5	68,5	29,91			SW	1
11	7 0	54,0	63,0	30,08	0,138	WSW	1	Fine.
	2 0	69,0	66,0	30,17			SW	1
12	7 0	54,5	62,0	30,22	30,23	NW	1	Fine.
	2 c	69,0	66,5	30,23			SW	1
13	7 0	59,0	62,0	30,20	30,20	W	1	Fine.
	2 30	71,5	68,5	30,20			SW	1
14	7 0	59,0	69,5	30,02	29,92	SW	1	Fine.
	2 0	73,0	68,5	29,92			SSW	1
15	7 0	59,0	65,5	29,68	0,106	SSW	2	Fair.
	2 0	68,0	67,5	29,63			SE	1
16	7 0	59,0	64,5	29,81	0,065	S	2	Fair.
	2 0	70,0	67,0	29,63				

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	Time.		Therm.	Therm.	Barom.	Rain.	Winds.		Weather.
	H.	M.	without	within.	Inches.	Inch.	Points.	Str.	
Aug. 17	7	0	58,0	64,0	29,68	0,048	W by S	2	Fine.
	2	0	69,5	66,0	29,84		W	2	Fine.
18	7	0	56,5	63,5	29,97		WSW	1	Fine.
	2	0	57,0	64,0	29,99		SW	1	Fine.
19	7	0	55,5	62,5	30,19		N by E	1	Fair.
	2	0	71,5	66,5	30,21		SE	1	Fine.
20	7	0	60,0	63,5	30,14		E by N	1	Fine.
	2	0	71,5	69,0	30,10		ESE	2	Fine.
21	7	0	62,5	66,0	30,04		SE	1	Fine.
	2	0	77,0	68,5	30,03		SE	1	Fine.
22	7	0	61,0	66,5	29,98		ENE	1	Cloudy.
	2	0	69,5	68,5	30,00		NNE	1	Fair.
23	7	0	59,0	66,0	30,11		N	1	Cloudy.
	2	0	68,0	68,0	30,15		N	1	Fair.
24	7	0	56,0	64,5	30,17		NNE	1	Cloudy.
	2	0	65,0	65,0	30,16		N by E	1	Cloudy.
25	7	0	57,5	63,0	29,93		E by N	1	Fair.
	2	0	73,0	66,5	29,795		S	1	Fine.
26	7	0	59,0	65,0	29,55	0,544	W by S	1	Fair.
	2	0	70,5	67,5	29,62		SW	1	Fine.
27	7	0	55,5	64,0	29,56	0,291	W by S	1	Fine.
	2	0	63,0	66,0	29,64		NW	1	Thunder.
28	7	0	57,0	52,5	29,535	0,293	S by E	1	Cloudy.
	2	0	62,5	63,5	29,38		W by S	2	Fair.
29	7	0	52,0	60,5	29,64	0,453	SSW	1	Fine.
	2	30	57,0	61,5	29,72		S by W	1	Fair.
30	7	0	58,0	60,5	29,80	0,165	S by W	1	Rain
	2	0	67,0	63,0	29,62		SW	2	Cloudy.
31	7	0	63,5	64,0	29,82	0,095	S by W	2	Cloudy.
	2	0	67,0	66,0	20,86		SSW	2	Fair.

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	Time.		Therm.	Therm.	Barom.	Rain.	Winds.		Weather.
	H.	M.	without	within.	Inches.	Inch.	Points.	Str.	
Sept. 1	7	0	64,5	66,5	30,01	0,022	SSW	1	Cloudy.
	2	0	67,5	69,5	30,02		SW	2	Fine.
2	7	0	64,0	67,5	29,825		S	1	Fair.
	2	0	68,0	69,0	29,90		W	1	Fair.
3	7	0	53,0	64,5	30,09	0,045	SSW	1	Fair.
	2	0	70,0	67,0	29,96		SSW	1	Fine.
4	7	0	61,5	64,0	29,85		SW	1	Fine.
	2	0	73,0	68,0	29,81		SW	1	Fine.
5	7	0	52,0	61,5	30,00	0,041	W by N	1	Fine.
	2	0	68,0	64,5	30,035		W	1	Fine.
6	7	0	60,5	62,5	29,83	0,068	S by W	1	Cloudy.
	2	0	70,0	67,0	29,90		WNW	1	Fair.
7	7	0	54,0	61,0	30,05	0,346	NW	1	Cloudy.
	2	0	62,0	62,5	30,11		NNW	1	Fair.
8	7	0	45,5	53,5	30,27		NNE	1	Fine.
	2	0	57,0	56,5	30,28		N by E	1	Fine.
9	7	0	42,5	49,5	30,15		NNE	1	Fine.
	2	0	60,0	55,5	30,08		N by E	1	Fine.
10	7	0	50,5	54,5	30,06		E by N	1	Fine.
	3	0	67,0	58,5	30,04		SSW	1	Fair.
11	7	0	52,5	57,5	30,01	0,116	WSW	1	Fine.
	2	0	60,0	61,0	30,01		W by S	1	Fine.
12	7	0	53,0	60,0	29,625	0,176	SSW	1	Fine.
	2	0	59,0	61,5	29,55		W by S	1	Cloudy.
13	7	0	54,0	59,0	29,405		SE	1	Cloudy.
	2	0	56,0	61,0	29,58		E by N	1	Rain.
14	7	0	51,5	57,0	29,77	0,097	NNW	1	Cloudy.
	2	0	61,0	64,0	29,80		NW	1	Cloudy.
15	7	0	55,0	58,5	29,80		N	1	Cloudy.
	2	0	61,5	60,5	29,87		N by E	2	Fine.
16	7	0	50,0	57,0	29,83		W	1	Fair.
	2	0	58,0	58,5	29,82		N	1	Fine.

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	Time.		Therm.	Therm.	Barom.	Rain.	Winds.		Weather.
	H. M.		without	within.	Inches.	Inch.	Points.	Str.	
Sept. 17	7	0	51,0	56,5	29,92	0,179	N	1	Fine.
	2	0	61,5	59,5	29,95		N by E	1	Fine.
18	7	0	53,0	57,5	30,03		NNE	1	Fair.
	2	0	61,5	60,0	30,08		NE	1	Fine.
19	7	0	43,5	54,5	29,98		NE	1	Fine.
	2	30	64,0	58,5	29,87		S	1	Fair.
20	7	0	48,5	56,0	29,68	0,309	WNW	1	Fine.
	2	0	59,5	58,5	29,75		W by N	1	Fine.
21	7	0	52,0	56,0	29,68		SSW	1	Fair.
	2	0	58,0	58,0	29,565		SSE	2	Rain.
22	7	0	48,0	55,5	29,48	0,468	SSE	1	Fine.
	2	0	59,5	58,0	29,29		S by W	2	Fair.
23	7	0	54,0	57,0	29,11	0,244	S by W	2	Fine.
	2	0	58,5	59,0	29,28		S	2	Fine.
24	7	0	55,0	58,0	29,40	0,235	SSE	1	Fine.
	2	0	64,0	60,0	29,42		SE	1	Fair. Thunder about 9 P.M.
25	7	30	53,5	58,5	29,50	0,695	W	1	Rain.
	2	0	59,5	60,5	29,53		W	1	Rain.
26	7	0	53,5	59,0	29,56	0,108	SSW	1	Cloudy.
	2	0	58,5	60,0	29,64		WSW	1	Fair.
27	7	0	47,0	57,0	29,87	0,076	NNE	1	Fog.
	2	0	59,5	59,0	29,90		E	1	Fine.
28	7	0	53,0	56,5	29,78	0,018	S by E	1	Rain.
	2	40	56,0	57,5	29,71		SE	1	Rain.
29	7	0	50,0	56,0	29,68	0,236	S	1	Fine.
	2	0	62,0	59,0	29,65		E	1	Fair.
30	7	0	53,5	58,0	29,53	0,264	S	1	Fine.
	2	0	56,0	59,5	29,53		S by W	1	Rain.

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	Time.	Therm. without	Therm. within.	Barom.	Rain.	Winds.		Weather.
						Inches.	Inch.	
	H. M.							
Oct. 1	7 0	49,0	57,5	29,47	0,347	S	1	Fine.
	2 0	58,5	61,0	29,44		SW	1	Rain.
2	7 20	53,5	57,5	29,40	0,354	SW	1	Fine.
	2 0	57,0	59,0	29,52		NW	1	Fair.
3	7 0	42,5	53,5	30,12	0,054	W	1	Fine.
	2 0	56,0	55,5	30,22		NW	1	Fine.
4	7 0	43,5	52,0	30,38		SW	1	Fine.
	2 0	59,0	55,0	30,41		S by W	1	Fine.
5	7 0	50,5	54,0	30,43		S	1	Fine.
	2 0	60,5	57,5	30,42		S by W	1	Fine.
6	7 0	52,0	54,0	30,27		SE	1	Rain.
	2 0	64,0	58,0	30,23		SW	1	Fine.
7	7 0	53,0	57,5	30,32		WSW	0	Fair.
	2 0	64,5	60,5	30,37		W	0	Fine.
8	7 0	44,5	56,0	30,57		S	0	Fine.
	2 0	57,5	57,5	30,57		NE	1	Fine.
9	7 40	43,0	53,0	30,49		NE	1	Fair.
	2 20	57,5	55,0	30,38		S	1	Fine.
10	7 0	47,0	54,0	30,22		SW	1	Fine.
	2 0	59,0	56,0	30,18		W	1	Fine.
11	7 0	42,5	52,5	30,27		N by E	0	Fine.
	2 0	57,5	55,0	30,27		WSW	1	Fine.
12	7 0	48,5	54,0	30,29		WSW	1	Fair.
	2 0	59,0	56,0	30,30		NW	2	Fine.
13	7 0	50,5	55,0	30,40		W	0	Fair.
	2 0	58,5	57,0	30,43		N by E	1	Fair.
14	7 0	52,0	54,5	30,46		NE	1	Fair.
	2 0	58,0	57,5	30,46		NE	1	Fine.
15	7 0	41,5	52,0	30,44		NE	1	Fine.
	2 0	55,0	54,0	30,40		E	1	Fine.
16	7 20	44,0	51,5	30,395		ENE	1	Fine.
	2 0	57,0	53,5	30,24		SE	1	Fine.

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	Time.		Therm.	Therm.	Barom.	Rain.	Winds.		Weather.
	H.	M.	without	within.	Inches.	Inch.	Points.	Str.	
Oct. 17	7	0	42,5	51,5	30,12		ENE	1	Fog.
	2	0	54,0	53,5	30,14		S by E	1	Fine.
18	7	0	47,0	52,5	30,26		S by W	1	Fog.
	2	0	58,5	55,0	30,23		SW	1	Fair.
19	7	0	52,0	54,5	30,27		WSW	1	Fair.
	2	0	59,0	56,5	30,27		SW	1	Fair.
20	7	0	48,5	55,0	30,31		SSW	1	Fine.
	2	0	60,5	59,0	30,28		S	1	Fine.
21	7	0	44,5	53,5	30,24		N	1	Fair.
	2	0	60,5	56,0	30,22		S by E	0	Fine.
22	7	0	50,0	54,5	30,15		S by W	0	Fair.
	2	20	60,5	57,5	30,05		SW	1	Fair.
23	8	0	52,0	56,0	29,95	0,089	NW	1	Rain.
	2	0	50,0	55,0	29,95		SE	1	Rain.
24	7	0	45,0	52,5	29,80	0,246	NW	1	Fair.
	2	20	54,5	53,0	29,80		S by W	1	Fine.
25	7	0	41,0	50,0	29,87		SW	1	Fine.
	2	0	51,5	51,5	29,92		NW	1	Fine.
26	7	0	36,0	47,5	30,10		SW	1	Fine.
	2	15	51,5	49,0	30,15		NW	1	Fine.
27	7	0	38,5	46,5	30,15		N	1	Fine.
	2	0	52,0	48,5	30,12		N by E	1	Fine.
28	7	0	38,5	45,5	30,11		NNE	1	Fine.
	2	0	49,0	48,5	30,08		NE	1	Fair.
29	7	0	39,0	45,5	29,87	0,076	NE	1	Cloudy.
	2	0	45,0	47,0	29,74		E by N	1	Fair.
30	8	0	44,5	45,5	29,54	0,010	E by N	1	Rain.
	2	0	49,5	47,5	29,53		E by N	1	Fair.
31	7	0	48,5	49,0	29,50	0,172	E	2	Cloudy.
	2	20	54,0	51,0	29,54		ESE	1	Rain.

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	Time.	Therm. without	Therm. within.	Barom.	Rain.	Winds.		Weather.
						Inches.	Inch.	
	H. M.							
Nov. 1	7 0	51,5	52,0	29,75	0,082	NE	0	Fog.
	2 0	58,5	54,0	29,86		SSE	1	Fair.
2	7 30	49,0	53,0	30,00	0,030	E by N	1	Fog.
	2 0	53,0	53,5	30,00		E by N	1	Fair.
3	7 30	52,5	54,0	29,97		SE	0	Fog.
	2 0	58,0	50,0	29,98		SSW	1	Fair.
4	7 30	47,5	53,5	30,01		E by N	1	Fog.
	2 20	54,0	54,5	29,96		ENE	1	Fair.
5	7 30	48,5	52,5	29,71		SE	1	Fair.
	2 0	50,0	52,5	29,56		E	1	Fair.
6	8 10	47,0	51,0	29,17	0,580	E by N	2	Rain.
	2 15	48,5	51,5	29,20		E	2	Rain.
7	7 30	41,5	47,5	29,51	0,313	E by N	1	Fair.
	2 0	44,0	48,0	29,57		NE	1	Fair.
8	7 30	40,0	45,0	29,455		NNE	1	Fair.
	2 0	44,0	46,0	29,44		N	2	Fair.
9	7 30	39,0	43,5	29,50		NNE	1	Fair.
	2 30	42,0	44,5	29,53		ENE	2	Rain.
10	7 30	33,0	42,0	29,945	0,034	N	1	Fair.
	2 0	41,5	43,0	30,125		N	1	Fine.
11	7 30	35,0	40,5	30,05		NE	1	Fair.
	2 0	40,0	41,5	29,92		ENE	1	Little snow.
12	7 30	32,5	39,0	29,935	0,063	SW	1	Fog.
	2 0	41,0	41,0	29,86		SW	1	Fair.
13	7 35	33,0	38,0	30,18		N	1	Fine.
	2 0	40,5	40,0	30,225		NNW	1	Fine.
14	7 30	34,0	37,5	30,18		SW	0	Rain.
	2 0	41,0	41,0	30,19		SW	1	Fair.
15	7 30	42,5	42,0	30,11		S by W	1	Fair.
	2 0	49,0	44,5	30,07		WSW	1	Rain.
16	7 40	47,5	46,5	30,06	0,010	SSW	1	Fine.
	2 0	56,0	49,0	30,07		W by S	1	Fair.

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	Time.		Therm.	Therm.	Barom.	Rain.	Winds.		Weather.
	H.	M.	without	within.	Inches.	Inch.	Points.	Str.	
Nov. 17	7	3	48,0	50,0	30,07		SW	1	Fair.
	2	0	52,5	51,0	29,97		SW	1	Fine.
18	8	0	51,0	51,5	29,55	0,115	W by S	2	Fair.
	2	15	44,0	50,0	29,66		W by N	2	Fair.
19	7	40	34,5	43,5	29,81		NW	2	Fine.
	2	0	39,5	43,0	29,82		W by N	1	Fine.
20	8	30	33,0	40,0	29,96		N	1	Fine.
	2	0	39,0	41,0	30,00		N	1	Fine.
21	7	30	33,5	38,5	30,11	0,024	N	1	Fair.
	2	0	36,5	39,0	30,07		N	1	Fair.
22	7	30	33,0	37,5	30,00		W by S	1	Snow.
	2	0	34,5	37,5	29,74		SSW	1	Snow and Rain.
23	7	30	35,5	39,0	29,865	0,181	E	1	Fair.
	2	20	38,0	40,5	29,865		W by S	1	Fair.
24	7	30	40,0	41,0	29,465	0,081	N by W	2	Fair, much wind last night.
	2	15	35,0	41,0	29,38		N	2	Rain and Snow.
25	8	0	32,5	37,5	29,635	0,094	NNE	1	Snow, windy night.
	2	0	36,0	39,0	29,76		N	2	Fair.
26	8	0	32,5	37,5	29,94	0,020	N	1	Fair.
	2	0	35,5	38,5	29,98		N	1	Fine.
27	8	0	31,5	36,0	30,14		N	2	Fair.
	2	0	35,0	36,5	30,11		N	1	Fair.
28	8	0	32,5	34,5	29,74		S	1	Snow.
	2	0	41,0	36,5	29,48		S	1	Fair.
29	8	0	33,0	36,5	29,28		SW	1	Fair.
	2	0	39,0	37,5	29,24		SW	1	Fair.
30	8	0	32,5	36,0	29,31		SW	1	Fine.
	2	30	38,5	37,5	29,40		SW	1	Fine.

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	Time.		Therm.	Therm.	Barom.	Rain.	Winds.		Weather.
	H.	M.	without	within.	Inches.	Inch.	Points.	Str.	
Dec. 1	8	0	31,0	36,5	29,57		W by S	1	Fair.
	2	0	38,5	37,5	29,62		NW	1	Fine.
2	8	0	34,0	36,5	29,45		SE	1	Fair.
	2	20	40,0	39,5	29,25		SSE	1	Rain.
3	8	0	45,5	40,5	29,11	0,283	SE	1	Rain.
	2	0	48,0	43,0	29,15		SSE	1	Rain.
4	8	0	44,5	45,5	29,48	0,068	E	1	Fair.
	2	0	49,0	47,0	29,68		SE	1	Fair.
5	8	0	43,0	47,0	29,84	0,075	ENE	1	Fair.
	2	0	47,0	47,5	29,90		E	1	Fine.
6	8	0	39,0	43,5	30,13		E	1	Fog and Rain.
	2	0	35,5	41,5	30,18		NE	2	Fine.
7	8	0	31,0	36,5	30,39		NE	1	Fair.
	2	0	32,0	36,5	30,35		NE	1	Fine.
8	8	0	28,5	33,5	29,99		N	1	Fine.
	2	0	29,5	34,0	29,88		N	1	Fine.
9	8	0	25,0	32,5	29,61		NW	1	Fair.
	2	0	27,0	32,5	29,61		NW	1	Snow.
10	8	0	29,0	30,5	29,34		NE	1	Fair.
	2	0	34,0	33,5	29,32		E by N	1	Rain.
11	8	0	45,5	37,5	29,40	0,327	S	2	Rain.
	2	0	51,5	41,0	29,54		S	2	Fair.
12	8	0	50,5	44,5	29,71		SSW	1	Fair.
	2	0	53,5	46,5	29,71		SE	1	Fine.
13	8	0	44,0	47,5	30,08		S	1	Fine.
	2	0	49,5	48,5	30,10		SW	1	Fine.
14	8	0	47,5	48,5	30,02	0,089	W by S	0	Fog.
	2	0	50,0	49,0	29,98		SW	0	Rain.
15	8	0	42,0	48,0	29,935	0,927	SW	1	Fog.
	2	0	48,5	49,0	30,09		W by N	1	Fine.
16	8	0	37,5	45,5	30,22		NE	1	Fog.
	2	0	43,5	40,5	30,16		SE	1	Fair.

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	Time.		Therm.	Therm.	Barom.	Rain.	Winds.		Weather.
		H. M.	without	within.	Inches.	Inch.	Points.	Str.	
Dec. 17	8	0	40,5	44,5	30,08		E	0	Fog.
	2	30	44,0	46,5	30,09		ENE	1	Fog. small rain.
18	8	0	42,5	44,5	30,22		W	0	Fog.
	2	30	47,0	45,5	30,26		SW	1	Fair.
19	8	0	45,0	46,0	30,31		NW	1	Fog.
	2	0	47,5	47,0	30,31		NW	1	Fair.
20	8	0	39,5	45,5	30,30		NE	1	Fog.
	2	0	40,0	45,0	30,30		NE	1	Fair.
21	8	0	37,0	42,5	30,21		NNE	0	Fog.
	2	0	38,5	42,5	30,19		NNE	0	Fog.
22	8	0	34,0	40,5	30,35		NNE	1	Fine.
	2	0	40,5	41,0	30,42		NNE	1	Fine.
23	8	0	37,0	40,5	30,65		N	0	Fog.
	2	0	40,0	41,0	30,70		N	1	Fair.
24	8	0	39,5	33,5	30,70		N	1	Fair.
	2	10	37,0	40,0	30,71		NNE	1	Fine.
25	8	15	27,0	36,0	30,675		W	1	Fog.
	2	0	30,5	36,0	30,65		W by N	1	Fog.
26	8	0	34,5	36,0	30,65	0,010	W	0	Fog.
	2	0	36,5	36,5	30,61		W	0	Fog.
27	8	0	35,5	37,0	30,58		W	0	Fog.
	2	0	36,5	37,5	30,56		W by N	1	Fair.
28	8	0	36,0	37,5	30,47		W	0	Fog.
	2	0	39,0	38,5	30,39		W	1	Fair.
29	8	0	35,0	38,5	30,49		W	1	Fine.
	2	0	40,0	39,5	30,545		W	1	Fine.
30	8	0	28,0	36,5	30,56		NW	1	Fog.
	2	0	34,0	36,5	30,49		NW	1	Fine.
31	8	0	27,0	33,5	30,21		W by N	1	Fine.
	2	0	36,0	35,0	30,04	0,027	W by N	1	Fair.

1774	Thermometer without.					Therm. within.			Barometer.		
	Greatest height.	Least height.	Mean height A. M.	Mean height P. M.	Mean whole day.	Greatest height.	Least height.	Mean height.	Greatest height.	Least height.	Mean height.
January	50,5	24,0	30,0	37,7	35,3	50,5	27,0	37,4	30,175	28,79	29,57
February	52,0	24,5	37,6	43,5	40,5	50,0	33,0	42,4	30,46	29,16	29,806
March	60,0	33,5	39,6	50,5	45,0	61,5	38,0	47,4	30,33	29,14	29,82
April	67,0	36,5	44,9	54,8	49,8	60,0	45,0	51,3	30,24	29,33	29,786
May	69,0	45,0	49,7	59,9	54,8	61,5	51,0	55,9	30,175	29,34	29,871
June	77,5	52,0	59,1	68,4	63,7	71,0	59,0	64,6	30,34	29,47	29,90
July	83,5	55,5	59,7	70,1	64,9	73,5	60,0	65,9	30,36	29,61	30,00
August	78,0	73,0	58,2	69,2	63,7	73,0	52,5	65,6	30,32	29,38	29,954
September	73,0	42,5	52,6	62,1	57,3	69,5	49,5	59,7	30,28	29,11	29,795
October	64,5	36,0	46,0	56,3	51,1	61,0	45,5	53,6	30,57	29,40	30,13
November	58,5	41,0	39,2	43,5	41,3	56,0	34,5	43,7	30,225	29,17	29,807
December	53,5	25,0	37,3	40,8	39,7	49,0	30,5	40,8	30,71	29,11	30,09

inch.

The quantity of rain in the whole year was 26,328, or about $26\frac{1}{3}$ inches.

FOR THE VARIATION OF THE MAGNETIC NEEDLE.

OBSERVATIONS.

	Morning.	Noon.	2 P. M.	Evening.
August	° /	° /	° /	° /
21	21 27			
22	21 20		21 37	21 15
23	21 28	21 38	21 24	21 18
24	20	33	33	18
25	41	35	35	19
26	22	32	32	20
27	21	35	29	20
28	20	32	10	20
29	15	33	15	02
30	34	34	15	14
31	23		34	12
September				
1	27	34	34	12
2	22	35	32	19
3	41	36	33	18
4	21	16	34	29
5	24			
	406	393	397	236
	21 25	21 33	21 28	21 17
The mean of all,				21 26
Error of instrument,				10—
Correct variation,				21 16 W.

How the error of the instrument was found, will be shown in the next publication.