

METEOROLOGICAL JOURNAL,

KEPT AT THE APARTMENTS

OF THE

ROYAL SOCIETY,

BY ORDER OF THE

PRESIDENT AND COUNCIL.

MDCCCXIX.

a

METEOROLOGICAL JOURNAL

for January, 1818.

1818	Time.		Therm. without.	Therm. within.	Barom.	Six's Therm.	Winds.		Weather.
	H.	M.	°	°	Inches.		Points.	Str.	
Jan.	1	8 0	28	41	30,01	26	NW	1	Foggy.
		2 0	33	48	30,02	33	NE	1	Fine.
	2	8 0	33	41	30,01	28	NW	1	Cloudy.
		2 0	34	47	29,96	36	E	1	Cloudy, thick weather.
	3	8 0	32	48	29,61	31	SE	1	Snow.
		2 0	35	47	29,57	35	SW	1	Cloudy.
	4	8 0	41	43	29,48	35	SSW	1,2	Rain.
		2 0	43	45	29,51	45	SSW	1	Cloudy.
	5	8 0	42	43	29,52	37	SSW	2,3	Rain.
		2 0	43	48	29,42	45	SW	1,2	Rain.
	6	8 0	34	44	29,88	34	NW	1	Cloudy.
		2 0	41	48	30,09	41	WNW	1	Fair.
	7	8 0	39	45	30,15	34	SSW	1	Foggy.
		2 0	45	49	30,02	47	SW	1	Cloudy.
	8	8 0	38	47	30,06	37	NNW	1	Cloudy.
		2 0	42	52	30,19	43	NW	1	Fine.
	9	8 0	39	49	30,16	34	S	1	Fair.
		2 0	49	55	29,95	49	W	1	Rain.
	10	8 0	48	50	29,83	46	W	1	Cloudy.
		2 0	50	55	29,81	53	W	1	Rain.
	11	8 0	47	51	29,79	48	W	1	Cloudy.
		2 0	50	52	29,72	51	W	1	Cloudy.
	12	8 0	40	48	29,84	38	NNW	1	Fair.
		2 0	44	53	30,08	44	WbyS	1	Cloudy.
	13	8 0	48	50	29,84	41	W	1,2	Cloudy.
		2 0	50	54	29,80	52	W	2	Cloudy.
	14	8 0	47	54	29,84	45	NW	1	Cloudy.
		2 0	45	55	29,87	52	SW	1	Fair.
	15	8 0	50	54	29,69	42	W	2,3	Cloudy.
		2 0	53	58	29,67	55	W	1,2	Rain.
	16	8 0	47	55	29,88	47	W	1	Cloudy.
		2 0	49	59	29,81	52	W	1	Rain.

Rain this Month 1,461 Inches.

METEOROLOGICAL JOURNAL

for January, 1818.

1818	Time.		Therm. without.	Therm. within.	Barom.	Six's Therm.	Winds.		Weather.
	H.	M.	°	°	Inches.		Points.	Str.	
Jan. 17	8	0	40	56	29.88	39	NE	1	Fair. } A remarkably fine
	2	0	43	57	29.82	43	NE	1	Fine. } day for the season.
18	8	0	39	53	29.92	37 $\frac{1}{2}$	WNW	1	Fair.
	2	0	41	54	30.02	43	E	1	Cloudy.
19	8	0	34	49	30.46	32	W	1	Fine.
	2	0	42	57	30.50	42	W	1	Fine.
20	8	0	36	50	30.37	34	WSW	1	Fine.
	2	0	42	57	30.25	43	S	1	Fine.
21	8	0	42	51	29.91	36	W	1	Rain.
	2	0	45	57	30.07	46	WbyN	1	Fine.
22	8	0	39	51	30.00	34	SW	1,2	Fine. } A violent squall
	2	0	44	56	29.80	46	SW	1,2	Cloudy. } of wind and hail
23	8	0	36	51	29.72	34	WSW	1	Fine. } at 10 p. m.
	2	0	41	54	29.59	43	W	1	Cloudy.
24	8	0	40	51	29.51	35	W	1	Rain.
	2	0	42	57	29.51	45	NW	1	Fine.
25	8	0	36	49	29.98	33	NW	1	Hazy, but fine.
	2	0	43	49	30.00	43	W	1	Fair.
26	8	0	47	49	29.89	41	W	1	Cloudy.
	2	0	49	54	29.70	50	W	1	Cloudy.
27	8	0	40	51	29.94	36	W	1	Fine.
	2	0	44	54	29.83	55	SW	1	Cloudy.
28	8	0	41	52	29.58	39	W	1	Cloudy.
	2	0	43	57	29.67	45	W	1	Cloudy.
29	8	0	37	49	29.71	33	W	1	Fair.
	2	0	41	55	29.54	44	S	1	Fine.
30	8	0	41	52	29.02	40	SW	1,2	Rain. } A violent storm of
	2	0	45	57	28.84	46	W	1	Cloudy. } wind from 12-5.
31	8	0	37	51	29.30	35	W	1	Fine.
	2	0	39	57	29.43	39	W	1	Fine.

Rain this Month 1.461 Inches.

METEOROLOGICAL JOURNAL

for February, 1818.

1818	Time.		Therm. without.	Therm. within.	Barom.	Six's Therm.	Winds.		Weather.	
	H.	M.	°	°	Inches.		Points.	Str.		
Feb.	1	8	0	34	49	29,18	34	W	1	Rain and snow.
		2	0	42	52	29,14	42	WNW		Fine.
	2	8	0	32	47	28,97	29	SE	1	Hazy.
		2	0	33	53	28,96	33	N	1	Cloudy.
	3	8	0	31	47	29,14	27	E	1	Fine.
		2	0	37	53	29,14	39	WNW	1	Rain.
	4	8	0	32	46	29,14	28	NE	1	Cloudy.
		2	0	34	49	29,11	35	N	1	Cloudy.
	5	8	0	31	45	29,54	28	SW	1	Cloudy.
		2	0	44	53	29,69	44	W	1	Cloudy.
	6	8	0	33	49	29,97	31		1	Thick fog.
		2	0	40	54	29,98	38	E	1	Hazy.
	7	8	0	31	48	29,08	29		1	Thick fog.
		2	0	31	53	29,09	31	S	1	Cloudy and hazy.
	8	8	0	27	45	30,03	26	NbyE	0,1	Cloudy and hazy.
		2	0	30	45	29,99	31	W	1	Hazy.
	9	8	0	26	42	30,03	26	W	1	Cloudy and hazy.
		2	0	32	59	30,04	33	S	1	Cloudy and hazy.
	10	8	0	28	43	30,01	26	W	1	Thick fog.
		2	0	33	48	30,05	35	NE	1	Cloudy.
	11	8	0	33	45	30,18	33	E	1	Cloudy and rather hazy.
		2	0	37	52	30,22	37	SE	1	Hazy.
	12	8	0	31	44	30,20	31	W	1	Cloudy.
		2	0	36	51	30,18	36	S	1	Cloudy.
	13	8	0	34	46	30,11	33	SE	1	Cloudy.
		2	0	39	54	30,01	41	SE	1	Fine.
	14	8	0	33	47	29,88	29	SE	1	Fine.
		2	0	38	47	29,82	39	S	1	Fair.

Rain this Month 0,727 Inches.

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for February, 1818.

1818	Time.		Therm. without.	Therm. within.	Barom.	Six's Therm.	Winds.		Weather.
	H.	M.	°	°	Inches.		Points.	Str.	
Feb. 15	8	0	33	47	29.90	30	ESE	1	Hazy.
	2	0	40	49	29.91	42	SE	1	Rain.
16	8	0	39	44	29.91	33	SE	1	Cloudy.
	2	0	46	51	29.94	49	SSW	1	Cloudy.
17	8	0	44	49	29.99	42	SE	1	Cloudy.
	2	0	48	61	29.96 $\frac{1}{2}$	51	S	1	Fine.
18	8	0	47	54	29.95	44	S	1,2	Rain.
	2	0	48	59	29.93	49	SSW	2	Rain.
19	8	0	42	52	30.09	41	W	1	Foggy.
	2	0	50	61	29.89	52	SbyE	1	Rain.
20	8	0	41	57	30.06	34	S	1	Fine.
	2	0	46	62	30.04	49	N	1	Fine.
21	8	0	44	55	29.70	36	S	2	Cloudy.
	2	0	46	57	29.37	47	NW	1	Rain.
22	8	0	40	52	29.29	39	NW	1	Rain.
	2	0	40	51	29.05	41	SE	1	Rain.
23	8	0	34	47	29.78	32	N	1	Fine.
	2	0	44	57	29.83	44	S	1	Cloudy.
24	8	0	37	49	29.78	34 $\frac{1}{2}$	S	1,2	Fine.
	2	0	44	57	29.88	46	W	1	Fair.
25	8	0	48	53	29.59	42	W	1,2	Cloudy.
	2	0	51	60	29.58	52	SW	1,2	Fair.
26	8	0	40	52	29.42	39	W	1	Cloudy.
	2	0	42	60	29.70	56	N	1	Cloudy.
27	8	0	38	52	29.56	34	S	1	Rain.
	2	0	48	62	29.35	50	W	1	Fine.
28	8	0	40	53	29.67	37	WSW	1	Cloudy.
	2	0	46	59	29.61	49	SW	1	Cloudy.

Rain this Month 0.727 Inches.

A fall of snow at 5 p.m.
Barom. 29.27 at 11 p.m.

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for March, 1818.

1818	Time.		Therm. without.	Therm. within.	Barom.	Six's Therm.	Winds.		Weather.
	H.	M.	°	°	Inches.		Points.	Str.	
Mar.	1	7 0	39	55	29.69	38	SW	1	Fair.
		2 0	44	59	29.63	51	W	1	Fair.
	2	7 0	40	51	29.70	37	W	1	Fair.
		2 0	45	58	29.60	50	W	1	Rain.
	3	7 0	41	53	29.78	37	S	1	Fine.
		2 0	49	57	29.68	50	SW	1,2	Cloudy.
	4	7 0	37	52	29.39	35	W	1	Fine.
		2 0	43	55	29.22	48	S	1	Cloudy.
	5	7 0	43	51	28.88	42	S	2	Cloudy.
		2 0	43	61	29.01	47	WNW	1	Fair.
	6	7 0	41	53	29.29	38	SW	1	Fair.
		2 0	45	62	29.41	49	W	1,2	Cloudy.
	7	7 0	43	52	29.24	36	S	2,3	Rain.
		2 0	44	57	28.81	50	W	2	Cloudy.
	8	7 0	40	51	28.95	39	W	1,2	Fine.
		2 0	47	54	29.11	52	W	2	Fine.
	9	7 0	36	48	29.39	34	SW	1	Fair.
		2 0	42	54	29.42	43	WNW	1	Cloudy.
	10	7 0	33	49	29.36	31	W	1	Cloudy.
		2 0	38	57	29.34	41	NW	1	Cloudy.
	11	7 0	37	49	29.48	33	W	1	Fair.
		2 0	44	57	29.51	44	W	1	Cloudy.
	12	7 0	35	49	29.87	34	W	1	Cloudy.
		2 0	45	57	29.92	46	W	1,2	Cloudy.
	13	7 0	37	51	29.28	35	NE	1	Cloudy.
		2 0	42	58	29.66	44	N	1	Fine.
	14	7 0	35	50	29.85	32	E	1	Fine.
		2 0	44	58	29.88	46	W	1	Cloudy.
	15	7 0	41	50	29.54	40	SW	1,2	Cloudy.
		2 0	45	46	29.39	49	SSW	1	Hazy.
	16	7 0	40	48	29.47	36	W	1,2	Cloudy.
		2 0	47	58	29.56	48	NW	1	Fine.

Rain this Month 0.986 Inches.

A violent gale between 10 and 12 last night, baro. 28.61 at 11 30 p.m.

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for March, 1818.

1818	Time.		Therm. without.	Therm. within.	Barom.	Six's Therm.	Winds.		Weather.
	H.	M.	°	°	Inches.		Points.	Str.	
Mar. 17	7	0	45	51	29.72	40	W	1	Rain.
	2	0	50	59	29.93	51	N	1	Cloudy.
18	7	0	41	53	30.09	40	W	1	Cloudy.
	2	0	51	60	30.05	53	WNW	1	Cloudy.
19	7	0	46	55	30.01	46	W	1	Cloudy.
	2	0	50	60	29.94	53	WSW	1	Cloudy.
20	7	0	48	56	29.69	48	NW	1	Cloudy.
	2	0	51	68	29.86	52	NW	1	Fine.
21	7	0	40	50	29.97	35	W	1	Fair.
	2	0	46	62	29.88	52	W	1,2	Rain and squally.
22	7	0	46	54	29.66	40 $\frac{1}{2}$	W	1	Rain.
	2	0	49	57	29.68	54	NW	1	Fine, showery.
23	7	0	44	53	29.28	47	NE	1	Rain and squally.
	2	0	47	63	29.53	52	W	1	Fine, showery.
24	7	0	40	53	29.68	38	WSW	1	Cloudy.
	2	0	48	57	29.68	50	WNW	1	Showery.
25	7	0	39	52	29.56	37	W	2	Cloudy.
	2	0	43	58	29.64	49	N	1,2	Cloudy.
26	7	0	42	51	29.57	34	WNW	1	Rain.
	2	0	40	57	29.22	43	NE	1	Rain.
27	7	0	38	51	30.01	34	W	1	Cloudy.
	2	0	44	48	30.17	46	NW	1	Fine.
28	7	0	39	52	30.33	35	S	1	Cloudy.
	2	0	46	58	30.30	50	S	1	Cloudy.
29	7	0	42	51	30.21	38 $\frac{1}{2}$	SE	1	Fine.
	2	0	46	53	30.14	52	S	1	Fine.
30	7	0	41	49	30.17	37	S	1	Fine.
	2	0	50	58	30.24	55	W	1	Cloudy.
31	7	0	40	52	30.34	38	SE	1	Fine.
	2	0	46	59	30.31	48	E	1	Cloudy.

Rain this Month 0.986 Inches.

METEOROLOGICAL JOURNAL

for April, 1818.

1818	Time.		Therm. without.	Therm. within.	Barom.	Six's Therm.	Winds.		Weather.
	H.	M.	°	°	Inches.		Points.	Str.	
April	1	7 0	43	52	30.26	38	E	1	Fine.
		2 0	44	59	30.22	49	NW	1	Fine.
	2	7 0	41	52	30.31	39	N	1	Cloudy.
		2 0	45	59	30.33	47	NE	1	Fine.
	3	7 0	41	52	30.36	39	E	1	Cloudy.
		2 0	46	61	30.38	48	SE	1	Cloudy.
	4	7 0	40	52	30.40	35	S	1	Fine.
		2 0	46	62	30.37	48	SE	1	Fine.
	5	7 0	40	52	30.10	33	SSE	1	Fair.
		2 0	43	55	30.07	54	NW	1	Fine.
	6	7 0	48	54	29.31	42	SW	1,2	Cloudy, rain in the night.
		2 0	50	57	29.32	52	N	1,2	Cloudy.
	7	7 0	40	51	29.72	39	SSE	1	Rain.
		2 0	49	58	29.56	50	SW	1	Rain.
	8	7 0	53	56	29.49	50	S	1	Cloudy.
		2 0	49	59	29.45	62	NE	1	Rain.
	9	7 0	53	56	29.37	50	S	1	Fair.
		2 0	54	64	29.38	57	W	1	Cloudy.
	10	7 0	47	58	29.61	44	S	1	Rain.
		2 0	52	65	29.50	55	S	1	Rain.
	11	7 0	46	58	29.27	46	S	1	Fine.
		2 0	44	57	29.45	59	SSW	1	Rain.
	12	7 0	41	53	29.93	46	NNW	1	Fine.
		2 0	47	53	30.03	51	SW	1	Fine.
	13	7 0	38	51	30.08	35	S by W	1	Cloudy.
		2 0	48	60	29.96	52	SW	1	Fine.
	14	7 0	43	52	29.71	40	SE	1	Hazy.
		2 0	51	60	29.72	56	SE	1	Cloudy.
	15	7 0	44	54	29.77	38	E	1	Fine, but rather hazy.
		2 0	51	63	29.70	55	SE	1	Fair.

Rain this Month 1,791 Inches.

METEOROLOGICAL JOURNAL

for April, 1818.

1818	Time.		Therm. without.	Therm. within.	Barom.	Six's Therm.	Winds.		Weather.
	H.	M.	°	°	Inches.		Points.	Str.	
Apr. 16	7	0	45	55	29.44	41	SE	1	Fine.
	2	0	54	63	29.34	56	SE	1	Cloudy.
17	7	0	49	57	29.28	46	E	1	Rain.
	2	0	52	62	29.62	54	E	1	Cloudy.
18	7	0	45	55	29.33	44	E	1	Cloudy.
	2	0	51	68	29.45	54	ESE	1	Fine.
19	7	0	43	55	29.71	43	NE	1	Cloudy.
	2	0	48	56	29.76	50	E	1	Cloudy.
20	7	0	40	53	29.82	35	E	1	Fine, rather hazy.
	2	0	48	58	29.81	50	E	1	Cloudy.
21	7	0	44	54	29.71	35	E	1	Cloudy.
	2	0	52	63	29.70	53	SE	1	Cloudy.
22	7	0	49	55	29.71	45	E	1	Cloudy and hazy.
	2	0	53	59	29.63	56	E	1,2	Rain.
23	7	0	48	54	29.56	45	E	1,2	Rain.
	2	0	45	61	29.48	50	E	1	Thick dark foggy weather.
24	7	0	46	58	29.30	44	ESE	1	Rain.
	2	0	51	62	29.33	53	E	1	Cloudy.
25	7	0	50	58	29.13	43	S	1	Rain.
	2	0	64	63	29.19	55	SW	1	Fair.
26	7	0	52	57	29.42	43	NW	1	Cloudy.
	2	0	61	61	29.47	65	SW	1	Fine.
27	7	0	55	59	29.42	53	E	1,2	Cloudy, but fine.
	2	0	60	65	29.57	64	SW	1	Fine.
28	7	0	50	59	29.83	49	S by E	1	Fair.
	2	0	58	63	29.90	62	SW	1	Fair.
29	7	0	50	61	30.00	42	W	1	Fair.
	2	0	59	65	29.95	64	E	1	Fine.
30	7	0	51	59	29.76	45	E	1	Cloudy and hazy.
	2	0	53	64	29.61	54	E	1	Rain.

Rain this Month 1.791 Inches.

METEOROLOGICAL JOURNAL

for May, 1818.

1818	Time.		Therm. without.	Therm. within.	Barom.	Six's Therm.	Winds.		Weather.
	H.	M.	°	°	Inches.		Points.	Str.	
May	1	7 0	53	60	29,75	51	N	1	Fine.
		2 0	69	68	29,85	62	W	1	Fine, but showery.
	2	7 0	50	60	29,90	46	E	1	Cloudy.
		2 0	61	66	29,81	64	E	1	Cloudy.
	3	7 0	53	60	29,55	49	E	1	Rain.
		2 0	60	63	29,47	64	E	1	Fine.
	4	7 0	51	60	29,52	49	W	1	Fine.
		2 0	61	64	29,53	66 $\frac{1}{2}$	W	1	Fine.
	5	7 0	52	60	29,49	49	N	1	Fine.
		2 0	60	63	29,43	64	E	1	Cloudy.
	6	7 0	52	59	29,35	51	NE	1	Cloudy.
		2 0	57	63	29,34	61	S	1	Cloudy.
	7	7 0	51	58	29,34	49 $\frac{1}{2}$	S	1,2	Cloudy.
		2 0	58	67	29,39 $\frac{1}{2}$	61	SSE	1	Cloudy.
	8	7 0	52	60	29,57	48	S	1	Fair.
		2 0	61	62	29,57	66	SSE	1	Cloudy.
	9	7 0	50	57	29,59 $\frac{1}{2}$	47	SW	1	Fine.
		2 0	57	61	29,63	61	SSE	1	Showery.
	10	7 0	50	58	29,86	47	W	1	Fine.
		2 0	59	60	29,87	64	S	1	Fine.
	11	7 0	56	58	29,74	48	S	1	Fine.
		2 0	58	61	29,65	66	E	1	Fine.
	12	7 0	54	59	29,63	52	W	1	Cloudy.
		2 0	61	60	29,65	65	W	1	Cloudy.
	13	7 0	50	58	29,49	48	SE	1	Rain.
		2 0	58	62	29,40	61	W	1,2	Fine, but showery.
	14	7 0	48	57	29,41	46	S	2	Rain.
		2 0	55	58	29,42	57	S	2	Squally rainy weather.
	15	7 0	52	58	29,52	47	W	1	Cloudy.
		2 0	58	53	29,52	62	N	1	Cloudy.
	16	7 0	53	61	29,56	48 $\frac{2}{3}$	E	1	Fine.
		2 0	61	60	29,59	66	SE	1	Cloudy.

Rain this Month 1,597 Inches.

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for May, 1818.

1818	Time.		Therm. without.	Therm. within.	Barom.	Six's Therm.	Winds.		Weather.
	H.	M.	°	°	Inches.		Points.	Str.	
May 17	7	0	54	58	29.68	52	SW	1	Cloudy.
	2	0	56	58	29.78	57	NNE	1	Rain.
18	7	0	54	58	29.87	48	NNE	1	Fair.
	2	0	64	66	29.89	69	E	1	Fair.
19	7	0	51	59	29.99	48	NE	1	Cloudy.
	2	0	57	60	30.00	58	N	1	Cloudy.
20	7	0	50	58	30.06	44	NE	1	Fine.
	2	0	64	59	30.06	65	E	1	Fair.
21	7	0	51	57	30.18	47	E	1	Cloudy.
	2	0	57	63	30.18	67	E	1	Fine.
22	7	0	50	58	30.23 $\frac{1}{2}$	41	E	1	Cloudy.
	2	0	57	63	30.24	60	E	1	Fair.
23	7	0	50	57	30.31	45	E	1	Cloudy, rather hazy.
	2	0	57	59	30.31	59	SE	1	Fine.
24	7	0	53	58	30.34	44	E	1	Cloudy.
	2	0	60	64	30.35	62	E	1	Fair.
25	7	0	53	58	30.33	49	E	1	Cloudy.
	2	0	60	64	30.29	64	EbyS	1	Fair.
26	7	0	59	59	30.27	47	N	1	Fair.
	2	0	62	65	30.27	68	E	1	Fair.
27	7	0	53	59	30.34	47	E	1	Cloudy.
	2	0	63	67	30.29	67 $\frac{1}{2}$	E	1	Fine.
28	7	0	53	58	30.22	44	N	1	Fine.
	2	0	64	66	30.16 $\frac{1}{2}$	68	NNE	1	Fair.
29	7	0	52	59	30.12	47	SE	1	Cloudy.
	2	0	59	62	30.12	63	SE	1	Cloudy.
30	7	0	51	59	30.14	45 $\frac{1}{2}$	ESE	1	Cloudy.
	2	0	55	60	30.11	57 $\frac{1}{2}$	NE	1	Cloudy.
31	7	0	52	58	30.00	45	SW	1	Cloudy.
	2	0	65	64	29.96	71	SE	1	Fair.

Rain this Month 1,597 Inches.

METEOROLOGICAL JOURNAL

for June, 1818.

1818	Time.		Therm. without.	Therm. within.	Barom.	Six's Therm.	Winds.		Weather.
	H.	M.	°	°	Inches.		Points.	Str.	
June	1	7 0	62	60	29.98	57	WSW	1	Cloudy.
		2 0	68	63	29.98	74	NNW	1	Cloudy.
	2	7 0	64	63	30.02	60	SW	1	Fine.
		2 0	69	67	30.02	76	SW	1	Fine.
	3	7 0	62	63	30.08	53	W	1	Fine.
		2 0	72	70	30.09	76	SW	1	Fair.
	4	7 0	63	63	30.16	56	SE	1	Hazy and dark.
		2 0	73	73	30.18	77	S	1	Fair.
	5	7 0	63	66	30.30	56	E	1	Cloudy.
		2 0	71	73	30.30 $\frac{1}{2}$	73	E	1	Fair.
	6	7 0	63	66	30.34	55	E	1	Fair.
		2 0	70	73	30.31	75	E	1	Fair.
	7	7 0	62	66	30.26	51	E	1	Fair.
		2 0	71	71	30.23	74 $\frac{1}{2}$	E	1	Fair.
	8	7 0	64	66	30.26	56	E	1	Fine.
		2 0	69	73	30.28	74	E	1	Fair.
	9	7 0	65	67	30.25 $\frac{1}{2}$	56	E	1	Fine.
		2 0	69	73	30.24	74	E	1	Fair.
	10	7 0	65	67	30.23	53 $\frac{1}{2}$	E	1	Fine.
		2 0	71	74	30.22	78	E	1	Fair.
	11	7 0	68	69	30.14 $\frac{1}{2}$	60	E	1	Fine.
		2 0	74	75	30.11	82	E	1	Fine.
	12	7 0	68	69	30.04	57	E	1	Fine.
		2 0	78	76	29.99	82	E	1	Fine. Ther. 70 at 11 p.m.
	13	7 0	67 $\frac{1}{2}$	70	29.94	63	W	1	Fair.
		2 0	75	77	29.92	85	E	1	Cloudy. { Thunder storm at 4 p.m.
	14	7 0	66	70	29.94	65	W	1	Cloudy.
		2 0	69	70	29.99	73	N	1	Cloudy.
	15	7 0	63	68	30.08	58	SW	1	Cloudy, but fine.
		2 0	71	72	30.03	75	W	1	Fine.
	16	7 0	65	68 $\frac{1}{2}$	29.98 $\frac{1}{2}$	61	W	1	Fine.
		2 0	71	70	29.92	75	SSW	1	Cloudy.

Rain this Month 0.407 Inches.

METEOROLOGICAL JOURNAL

for June, 1818.

1818	Time.		Therm. without.	Therm. within.	Barom.	Six's Therm.	Winds.		Weather.
	H.	M.	o	o	Inches.		Points.	Str.	
June 17	7	0	64	67	29,82	54	SW	1	Cloudy.
	2	0	68	68	29,75	71	S	1,2	Cloudy.
18	7	0	59	66	29,75	57	E	1	Fine.
	2	0	68	67	29,74	72	N	1	Fine.
19	7	0	59	64	29,82	57	W	1	Cloudy.
	2	0	65	66	29,81	71	S	1,2	Cloudy.
20	7	0	58	64	29,65	54	SW	1,2	Fine.
	2	0	62	64	29,75	69	NW	1,2	Rain.
21	7	0	59	63	30,02	50	SW	1	Fine.
	2	0	65	64	29,99	70	S	1	Fine.
22	7	0	59	64	29,83	62	SW	1	Cloudy.
	2	0	66	66	29,71	70	SW	2	Cloudy.
23	7	0	57	62	29,82	59	SW	1	Fine.
	2	0	65	65	29,89	69	N	1	Fine.
24	7	0	61	63	29,92	56	N	1	Fair.
	2	0	70	67	30,02	74	W	1	Fine.
25	7	0	59	62	30,10	58	SW	1	Cloudy.
	2	0	72	68	30,04	75	NW	1	Fine.
26	7	0	64	67	30,05 ¹ / ₂	60	WbyN	1	Cloudy.
	2	0	70	67	30,07	76	NW	1	Cloudy.
27	7	0	64	67	29,96	59	SE	1	Fine.
	2	0	70	74	29,83	79	ESE	1,2	Cloudy, but fine.
28	7	0	63	74	29,78	58	NW	2	Cloudy.
	2	0	66	67	29,86	70	NW	1,2	Cloudy.
29	7	0	60	63	30,16	58	SW	1	Fine.
	2	0	71	69	30,19	76	NW	1	Cloudy.
30	7	0	63	66	30,27	60	W	1	Fine.
	2	0	70	72	30,24	80	W	1	Fine.

Rain this Month 0,407 Inches.

METEOROLOGICAL JOURNAL

for July, 1818.

1818	Time.		Therm. without.	Therm. within.	Barom.	Six's Therm.	Winds.		Weather.
	H.	M.	°	°	Inches.		Points.	°Str.	
Jan.	1	7 0	64	66	30,16	61	W	1	Fine.
		2 0	73	71	30,10	78	W	1	Cloudy.
	2	7 0	63	66	30,08	61	E	1	Fine.
		2 0	68	69	30,12	70	E	1	Cloudy.
	3	7 0	61	64	30,22	53	SW	1	Fine.
		2 0	71	70	30,18	75	W	1	Cloudy.
	4	7 0	64	67	30,09	64	NW	1	Cloudy.
		2 0	70	72	30,09	74	NW	1	Cloudy.
	5	7 0	65	67	30,08	59	N	1	Fine.
		2 0	70	72	30,06 $\frac{1}{2}$	75	N	1	Fine.
	6	7 0	63	68	30,11	60	S	1	Cloudy.
		2 0	69	73	30,09	73	E	1	Fine.
	7	7 0	61	67	30,04	55	E	1	Fine.
		2 0	71	72	29,93	83	E	1	Fine.
	8	7 0	63	68	29,88	59	W	1	Cloudy, but fine.
		2 0	69	71	29,91	72	NNW	1	Fine.
	9	7 0	62	67	30,11	55	N	1	Fine.
		2 0	68	69	30,13	74	SSE	1	Cloudy.
	10	7 0	64	67	30,12	54	W	1,2	Cloudy.
		2 0	69	69	30,08	74	S	1	Cloudy.
	11	7 0	65	65	30,19	60	NE	1	Cloudy.
		2 0	70	70	29,99	74	W	1	Fine.
	12	7 0	63	68	29,93	63	W	1	Rain.
		2 0	70	70	29,81	74	W	1	Cloudy.
	13	7 0	65	66	29,80	61	W	1	Cloudy.
		2 0	71	71	29,90	76	W	1	Fine.
	14	7 0	65	67	29,98	59	S	1	Fine.
		2 0	73	74	30,23	79	SW	1	Fine.
	15	7 0	68	68	30,30	62	E	1	Fine.
		2 0	74	74	30,30	81	W	1	Fine.
	16	7 0	68	68	30,26	64	W	1	Fine.
		2 0	80	76	30,23	85 $\frac{1}{2}$	N	1	Fine.

Rain this Month 0,361 Inches.

METEOROLOGICAL JOURNAL

for July, 1818.

1818	Time.		Therm. without.	Therm. within.	Barom.	Six's Therm.	Winds.		Weather.
	H.	M.	°	°	Inches.		Points.	Str.	
July 17	7	0	68	69	30.18	68	E	1	Rain.
	2	0	72	73	30.15	75	E	1	Fine.
18	7	0	67	68	30.09	59	E	1	Cloudy.
	2	0	72	71	30.03	76	S	1	Cloudy.
19	7	0	68	69	29.95	61	S	1	Cloudy.
	2	0	75	76	29.92	81	E	1	Fine.
20	7	0	67	68	29.97 $\frac{1}{2}$	63	N	1	Cloudy.
	2	0	72	76	29.97	77	NE	1	Fine.
21	7	0	64	68	29.98	62	W	1	Cloudy.
	2	0	72	72	29.97	76	NW	1	Fine.
22	7	0	67	69	30.08	64	W	1	Fine.
	2	0	75	75	30.10	81	SW	1	Cloudy.
23	7	0	69	70	30.13	65	SE	1	Fine.
	2	0	76	79	30.08	82	SE	1	Fair.
24	7	0	75	73	29.88	67	SE	1	Fair.
	2	0	78	81	29.86	89	SW	1	Fine.
25	7	0	68	74	29.84	69	NW	1	Fine.
	2	0	76	79	29.86	81	W	1	Fine.
26	7	0	68	70	29.88	65	E	1	Fine.
	2	0	75	78	29.84	81	SW	1	Fine.
27	7	0	71	70	29.84	69	SE	1	Cloudy, but fine.
	2	0	65	72	29.92	78	SE	1	Fair.
28	7	0	65	67	30.19	70	SW	1	Cloudy, but fine.
	2	0	71	72	30.24	72	W	1	Fair.
29	7	0	69	66	30.25	61	SW	1	Fair.
	2	0	73	70	30.22	71	NW	1	Fair.
30	7	0	69	69	30.16	70	WNW	1	Cloudy, but fine.
	2	0	75	72	30.14	76	W	1	Fine.
31	7	0	66	68	30.14	65	NW	1	Cloudy, but fine.
	2	0	64	66	30.09	70	NW	1	Rain.

Rain this Month 0.361 Inches.

METEOROLOGICAL JOURNAL

for August, 1818.

1818	Time.	Therm. without.	Therm. within.	Barom.	Six's Therm.	Winds.		Weather.		
	H. M.	o	o	Inches.		Points.	Str.			
Aug. 1	7	0	64	66	30,01	62	NW	1	Cloudy.	
	2	0	68	69	30,03	73	NW	1	Fine.	
	2	7	0	67	69	30,14	65	W	1	Cloudy.
	2	2	0	68	69	30,17	69	NW	1	Fair.
	3	7	0	67	65	30,04	66	NW	1	Cloudy.
	2	2	0	68	65	30,11	69	N	1	Fair.
	4	7	0	63	65	30,14	64	N	1	Fair.
	2	2	0	69	70	30,08	76	NW	1	Fair.
	5	7	0	67	66	30,10	60	ESE	1	Fair.
	2	2	0	76	76	30,11	84	ESE	1	Fine.
	6	7	0	71	72	30,07	75	ENE	1	Fine.
	2	2	0	70	70	30,05	77	E	1	Fine.
	7	7	0	68	67	30,07	65	SE	1	Fair.
	2	2	0	75	76	30,10	85	SW	1	Fine.
	8	7	0	66	67	30,11	64	SW	1	Fair.
	2	2	0	65	67	30,16	74	SE	1	Fair.
	9	7	0	61	62	30,10	60	S	1	Fine.
	2	2	0	62	68	30,17	69	S	1	Fine.
	10	7	0	67	69	30,10	66	N	1	Fair.
	2	2	0	66	67	30,19	73	NE	1	Fair.
	11	7	0	67	68	30,01	65	E	1	Rain.
	2	2	0	66	66	30,02	69	E	1	Cloudy.
	12	7	0	65	66	30,07	68	NE	1	Cloudy.
	2	2	0	65	66	30,12	69	N	1	Cloudy.
	13	7	0	63	65	30,15	61	N	1	Cloudy.
	2	2	0	70	71	30,14	79	SE	1	Fine.
	14	7	0	71	72	30,07	69	N	1	Cloudy.
	2	2	0	69	70	30,14	76	NE	1	Fine.
	15	7	0	66	66	30,25	61	E	1	Cloudy.
	2	2	0	68	68	30,24	73	SW	1	Fine.
	16	7	0	66	67	30,17	68	S	1	Cloudy.
	2	2	0	65	64	30,19	73	SE	1	Fine.

Rain this Month 0,278 Inches.

METEOROLOGICAL JOURNAL

for August, 1818.

1818	Time.		Therm. without.	Therm. within.	Barom.	Six's Therm.	Winds.		Weather.
	H.	M.	°	°	Inches.		Points.	Str.	
Aug. 17	7	0	63	68	30.22	67	E	1	Fine.
	2	0	69	70	30.24	70	ESE	1	Fine.
18	7	0	67	69	30.08	63	E	1	Fine.
	2	0	65	67	29.94	73	NE	1	Fine.
19	7	0	56	58	29.91	56	NE	1	Cloudy.
	2	0	67	69	30.02	70	NE	1	Fine.
20	7	0	57	60	29.93	60	SE	1	Fair.
	2	0	65	68	30.05	75	SE	1	Fine.
21	7	0	59	61	29.91	59	SSE	1	Fair.
	2	0	67	68	30.02	69	SE	1,2	Fine.
22	7	0	60	61	30.01	58	ENE	1	Fine.
	2	0	65	66	30.12	68	NE	1	Fine.
23	7	0	53	54	30.02	55	N	1	Fair.
	2	0	63	64	30.28	72	NW	1,2	Fine.
24	7	0	59	60	30.10	61	N	1	Fine.
	2	0	62	63	30.18	67	N	1	Fine.
25	7	0	59	63	30.05	60	N	1	Fair.
	2	0	66	68	30.10	69	NE	1	Fair.
26	7	0	58	61	29.98	60	E	1	Fair.
	2	0	62	65	30.03	67	NE	1	Fair.
27	7	0	67	68	30.07	65	E	1	Fine.
	2	0	75	76	30.19	84	SW	1	Fine.
28	7	0	61	58	29.92	60	S	1	Fair.
	2	0	69	72	29.97	75	SW	1	Fine.
29	7	0	63	64	30.00	60	S	1	Fair.
	2	0	77	77	30.07	80	W	1	Fine.
30	7	0	60	59	29.92	57	S	1	Fair.
	2	0	76	76	29.97	81	W	1	Fine.
31	7	0	57	58	29.95	58	SE	1	Fair.
	2	0	70	71	30.02	77	S	1	Fine.

Rain this Month 0.278 Inches.

METEOROLOGICAL JOURNAL

for September, 1818.

1818	Time.		Therm. without.	Therm. within.	Barom.	Six's Therm.	Winds.		Weather.
	H.	M.	°	°	Inches.		Points.	Str.	
Sep.	1	7 0	62	64	29.68	69	NE	1	Cloudy.
		2 0	64	66	29.75	72	NE	1	Slight showers.
	2	7 0	58	59	30.06	60	E	1	Cloudy.
		2 0	65	66	30.02	69	N	1	Fine.
	3	7 0	61	64	29.96	63	NE	1	Cloudy.
		2 0	65	67	29.98	70	E	1	Fine.
	4	7 0	59	61	29.97	60	SE	1	Cloudy.
		2 0	64	63	29.95	68	E	1	Rain.
	5	7 0	61	63	29.97	62	SSE	1	Cloudy.
		2 0	68	67	29.93	66	S	1	Rain.
	6	7 0	64	66	29.75	62	SW	1	Cloudy.
		2 0	60	62	29.87	64	SE	1	Fair.
	7	7 0	57	60	29.91	57	NE	1	Cloudy.
		2 0	61	62	30.07	68	N	1	Cloudy.
	8	7 0	60	62	30.00	61	NW	1	Cloudy.
		2 0	62	64	30.07	68	N	1	Fine.
	9	7 0	62	63	29.96	62	N	1	Cloudy, but fine.
		2 0	69	70	30.06	72	ENE	1	Fair.
	10	7 0	60	60	29.94	62	N	1	Rain.
		2 0	65	67	29.96	70	NE	1	Fine.
	11	7 0	66	66	29.95	61	N	1	Cloudy.
		2 0	67	69	30.07	72	NW	1	Rain.
	12	7 0	62	64	29.96	60	NWbN	1	Cloudy, but fine.
		2 0	66	67	29.94	70	N	1	Cloudy, but fine.
	13	7 0	60	61	30.21	61	NW	1	Cloudy.
		2 0	65	66	29.97	72	WNW	1	Fair.
	14	7 0	68	68	29.93	66	SE	1	Fair.
		2 0	69	70	30.10	77	SE	1	Fine.
	15	7 0	67	68	30.01	65	E	1	Rain.
		2 0	67	69	29.96	70	E	1	Showers.

Rain this Month 0.972 Inches.

METEOROLOGICAL JOURNAL

for September, 1818.

1818	Time.		Therm. without.	Therm. within.	Barom.	Six's Therm.	Winds.		Weather.
	H.	M.	o	o	Inches.		Points.	Str.	
Sep. 16	7	o	56	55	29,84	54	NE	1	Fair.
	2	o	69	69	29,77	70	E	1	Rain.
17	7	o	53	54	29,86	56	E	1	Fair.
	2	o	63	63	29,89	65	N	1	Fair.
18	7	o	51	52	30,03	50	SE	1	Fair.
	2	o	63	64	30,05	67	S	1	Rain.
19	7	o	56	55	29,89	55	SSW	1	Fair.
	2	o	63	65	29,93	69	S	1	Rain.
20	7	o	58	60	29,58	56	N	1	Fair.
	2	o	66	66	29,57	68	N	1,2	Rain.
21	7	o	60	61	29,56	60	NE	1	Rain.
	2	o	68	68	29,60	70	NW	1	Rain.
22	7	o	59	60	29,59	61	N	1	Cloudy.
	2	o	63	65	29,68	69	E	1	Cloudy.
23	7	o	59	59	29,68	58	E	1	Cloudy.
	2	o	67	68	29,77	70	E	1	Cloudy but fine
24	7	o	58	59	29,76	57	NE	1	Hazy.
	2	o	66	68	29,81	70	NW	1	Cloudy.
25	7	o	59	60	29,75	56	N	1	Cloudy.
	2	o	65	67	29,55	68	N	1	Cloudy.
26	7	o	57	58	29,57	55	E	1	Fair.
	2	o	68	69	29,66	70	NW	1	Rain.
27	7	o	58	59	29,65	59	N	1	Cloudy.
	2	o	66	66	29,72	68	N	1	Fine.
28	7	o	59	60	29,63	57	SW	1	Fine.
	2	o	63	64	29,77	67	S	1	Fair.
29	7	o	59	61	29,72	59	S	1	Fair.
	2	o	64	66	29,83	69	S	1	Rain.
30	7	o	58	59	29,85	56	SE	1	Fair.
	2	o	63	65	29,96	67	SE	1	Rain.

Rain this Month 0,972 Inches.

METEOROLOGICAL JOURNAL

for October, 1818.

1818	Time.		Therm. without.	Therm. within.	Barom.	Six's Therm.	Winds.		Weather.
	H.	M.	°	°	Inches.		Points.	Str.	
Oct.	1	8 0	54	55	29.57	53	E	1	Cloudy.
		2 0	63	64	29.62	68	NE	1	Cloudy.
	2	8 0	51	52	29.43	50	ENE	1	Fair.
		2 0	62	62	29.57	65	NE	1	Rain.
	3	8 0	54	56	29.47	53	E	1	Fair.
		2 0	63	64	29.67	67	E	1	Fair.
	4	8 0	55	56	29.66	55	E	1	Fair.
		2 0	61	62	29.62	65	N	1	Very heavy rain.
	5	8 0	59	59	29.46	57	NW	1	Rain.
		2 0	65	64	29.57	68	N	1	Fair, rain in the night.
	6	8 0	55	55	29.43	53	N	1	Fair.
		2 0	60	61	29.35	65	NW	1	Heavy rain.
	7	8 0	51	53	29.33	50	N	1,2	Cloudy.
		2 0	59	59	29.52	64	N	1	Cloudy. [o'clock, a.m.
	8	8 0	53	53	29.42	51	N	1	Cloudy, very foggy at 9
		2 0	60	60	29.67	63	N	1	Cloudy.
	9	8 0	49	52	29.88	41	NE	1	Cloudy.
		2 0	58	57	29.83	60	W	1	Fine.
	10	8 0	56	58	29.68	53	S	1	Cloudy.
		2 0	58	62	29.53	61	SW	1	Cloudy.
	11	8 0	58	60	29.55	58	S	1	Cloudy.
		2 0	61	61	29.54	63	S	1	Rain.
	12	8 0	51	60	29.72	52	S	1	Fine.
		2 0	57	68	29.83	61	W	1	Fine.
	13	8 0	55	62	29.87	49	SE	1	Cloudy.
		2 0	62	66	29.88	64	S	1	Cloudy.
	14	8 0	57	62	29.99	53	ESE	1	Fine.
		2 0	61	69	29.98	67 $\frac{1}{2}$	S by E	1	Fine.
	15	8 0	59	63	29.95	56	ESE	1	Cloudy.
		2 0	64	66	29.94	67	SSE	1	Cloudy.
	16	8 0	59	64	29.97	57	SE	1	Cloudy.
		2 0	66	66	30.00	66	NW	1	Cloudy.

Rain this Month 1.166 inches.

METEOROLOGICAL JOURNAL

for October, 1818.

1818	Time.		Therm. without.	Therm. within.	Barom.	Six's Therm.	Winds.		Weather.
	H.	M.	°	°	Inches.		Points.	Str.	
Oct. 17	8	0	56	64	30.08	56	S	1	Foggy.
	2	0	62	65	30.07	65	ESE	1	Cloudy.
18	8	0	55	62	29.94	51	S	1	Cloudy.
	2	0	61	63	29.95	63	S	1	Fine.
19	8	0	54	62	29.98	54	W	1	Foggy thick weather.
	2	0	58	62	29.98	61	SSW	1	Cloudy and dark.
20	8	0	53	61	30.06	53	SE	1	Cloudy.
	2	0	59	64	30.10	61	SE	1	Fine.
21	8	0	48	59	30.19	44	SE	1	Foggy.
	2	0	54	61	30.15	56	S	1	Fine.
22	8	0	49	57	30.00	48	E	1	Fine.
	2	0	54	57	29.98	55	ESE	1	Cloudy, but fine.
23	8	0	49	56	29.97	54	SE	1	Cloudy.
	2	0	52	55	29.98	54	E	1	Cloudy.
24	8	0	48	55	30.05	48	E	1	Cloudy.
	2	0	50	52	30.15	51 ¹ / ₈	SE	1	Cloudy.
25	8	0	50	54	30.03	48	E	1	Cloudy and hazy.
	2	0	55	59	30.03	58	E	1	Fine.
26	8	0	51	55	30.06	50	E	1	Hazy.
	2	0	59	60	30.06	60	E	1	Fine.
27	8	0	51	56	30.12	50	E	1	Hazy.
	2	0	58	62	30.14	60	E	1	Fine.
28	8	0	54	57	30.15	52	W	1	Fine.
	2	0	61	61	30.16	61	NW	1	Cloudy.
29	8	0	54	58	30.28	55	W	1	Cloudy thick weather.
	2	0	56	58	30.32	60	W	1	Fine.
30	8	0	51	57	30.30	52	W	1	Fine, rather hazy.
	2	0	57	58	30.07	59	W	1	Cloudy.
31	8	0	53	57	30.07	53	SSW	1	Cloudy.
	2	0	56	58	29.95	58	W	1	Rainy.

Rain this Month 1,166 Inches.

METEOROLOGICAL JOURNAL

for November, 1818.

1818	Time.		Therm. without.	Therm. within.	Barom.	Six's Therm.	Winds.		Weather.
	H.	M.	°	°	Inches.		Points.	Str.	
Nov.	1	8 0	51	56	29.90	51½	SW	1	Hazy and cloudy.
		2 0	55	56	29.95	57	W	1	Cloudy.
	2	8 0	50	52	29.94	51½	W	1	Cloudy and hazy.
		2 0	56	57	29.85	59	SW	1	Fine.
	3	8 0	53	57	29.77	54	SbyE	1	Fine.
		2 0	55	60	29.71	59	SE	1	Fine.
	4	8 0	51	56	29.54	51	SSE	1	Cloudy.
		2 0	53	57	29.44	57	SSE	1,2	Rain.
	5	8 0	54	57	29.42	54	ESE	1	Foggy.
		2 0	56	61	29.34	59	SE	1	Cloudy.
	6	8 0	54	60	29.34	55	E	1	Cloudy, rain in the night.
		2 0	56	64	29.39	59	SE	1	Cloudy.
	7	8 0	52	60	29.65	54	SE	1	Cloudy.
		2 0	55	66	29.76	59	S	1	Fine.
	8	8 0	47	58	29.88	46	S	1	Hazy and foggy.
		2 0	52	57	29.88	57	E	1	Cloudy.
	9	8 0	46	57	29.95	45	E	1	Thick fog.
		2 0	59	59	29.97	58	SE	1	Hazy. [hazy weather.
	10	8 0	48	57	29.97	49	E	1	Small drizzly rain and
		2 0	54	56	29.92	54	SE	1	Cloudy. [night.
	11	8 0	48	56	29.77	49	E	1	Rain, wind and rain in the
		2 0	52	58	29.80	54	E	1	Cloudy.
	12	8 0	43	55	29.68	45	E	1	Fine, rather hazy.
		2 0	49	60	29.62	58	E	1	Fine.
	13	8 0	50	57	29.60	48	E	1	Fine.
		2 0	55	63	29.61	57	E	1	Fine.
	14	8 0	55	59	29.63	53	SE	1,2	Cloudy, rain in the night.
		2 0	56	66	29.59	58	S	2	Cloudy.
	15	8 0	50	58	29.53	49	W	1,2	Fine.
		2 0	51	57	29.63	54	W	1	Cloudy.

Rain this Month 1.084 Inches.

METEOROLOGICAL JOURNAL

for November, 1818.

1818	Time.	Therm. without.	Therm. within.	Barom.	Six's Therm.	Winds.		Weather.
	H. M.	°	°	Inches.		Points.	Str.	
Nov. 16	8 0	51	57	29.64	48	W	1	Rain.
	2 0	57	60	29.54	58	NW	1,2	Cloudy.
17	8 0	47	58	29.75	47	W	1	Fine.
	2 0	51	63	29.86	53	W	1	Fine.
18	8 0	42	56	30.04	42	W	1	Fine.
	2 0	52	62	30.07	50	S	1	Fine.
19	8 0	49	57	30.07	46	S	1	Cloudy, and hazy.
	2 0	52	63	30.06	54	SE	1	Fine.
20	8 0	41	58	29.95	42	E	1	Fine.
	2 0	47	59	29.86	48	E	1	Fine.
21	8 0	41	55	29.77	40	SE	2	Cloudy.
	2 0	42	59	29.74	44	E	1	Fine.
22	8 0	39	52	29.75	39	E	1	Cloudy.
	2 0	42	53	29.75	44	E	1	Cloudy, but fine.
23	8 0	49	52	29.55	40	S	1	Rain.
	2 0	54	59	29.61	54	S	1	Fine.
24	8 0	50	57	29.73	49	SW	1	Rain.
	2 0	52	62	29.82	53	WSW	1	Fine.
25	8 0	41	56	30.11	42	W	1	Rain.
	2 0	52	66	30.17	52	S	1	Fine.
26	8 0	51	58	30.14	43	S	1,2	Fine.
	2 0	53	60	30.16	55	SW	1,2	Rain.
27	8 0	52	60	30.48	52	W	1	Cloudy.
	2 0	55	63	30.40	57	W	1	Cloudy.
28	8 0	52	59	30.40	52	SW	1	Fine.
	2 0	56	63	30.44	58	SW	1	Cloudy.
29	8 0	54	59	30.42	54	SW	1	Fine.
	2 0	54	59	30.41	59	SW	1	Cloudy.
30	8 0	51	61	30.23	52	SW	1	Cloudy.
	2 0	53	64	30.21	54	S	1	Cloudy.

Rain this Month 1.084 Inches.

METEOROLOGICAL JOURNAL

for December, 1818.

1818	Time.		Therm. without.	Therm. within.	Barom.	Six's Therm.	Winds.		Weather.
	H.	M.	°	°	Inches.		Points.	Str.	
Dec.	1	8 0	45	61	30.05	49	SE	1	Cloudy.
		2 0	45	62	29.97	50	S	1	Cloudy.
	2	8 0	46	58	30.00	45	NE	1	Cloudy.
		2 0	45	62	30.01	52	W	1	Cloudy.
	3	8 0	47	56	29.65	44	S	2	Rain.
		2 0	48	60	29.61	48	SW	1,2	Cloudy.
	4	8 0	46	57	29.53	46	SE	1	Fine.
		2 0	48	58	29.46	51	SE	1	Cloudy.
	5	8 0	46	55	29.49	46	SSE	1	Fine.
		2 0	50	60	29.55	52	SW	1	Cloudy.
	6	8 0	42	54	29.60	43	SE	1	Fine.
		2 0	49	55	29.61	59	SE	1	Cloudy.
	7	8 0	49	55	29.44	46	S	1	Cloudy.
		2 0	50	61	29.48	53	SW	1	Cloudy.
	8	8 0	50	56	29.72	49	S	1	Rain.
		2 0	50	61	29.87	54	W	1	Cloudy.
	9	8 0	44	56	30.04	44	S	1	Hazy.
		2 0	45	59	30.05	49	S	1	Rain.
	10	8 0	40	53	30.14	39	N	1	Fine.
		2 0	45	58	30.15	46	N	1	Fine, rather hazy.
	11	8 0	38	54	30.12	37	NE	1	Cloudy.
		2 0	43	56	30.16	43	SW	1	Fine.
	12	8 0	36	51	30.14	36	N	1	Cloudy.
		2 0	43	56	30.14	44	NE	1	Cloudy and foggy, dark
	13	8 0	39	52	30.16	38	E	1	Fine.
		2 0	42	52	30.17	43	NE	1	Hazy.
	14	8 0	39	51	30.21	38	N	1	Fine.
		2 0	42	58	30.21	43	N	1	Fine.
	15	8 0	38	52	30.17	38	N	1	Fine.
		2 0	39	53	30.08	39	NNE	1	Foggy.
	16	8 0	32	48	30.02	32	E	1	Fine.
		2 0	34	55	30.08	36	NNE	1	Fine.

Rain this Month 0.722 Inches.

[weather.

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for December, 1818.

1818	Time.		Therm. without.	Therm. within.	Barom.	Six's Therm.	Winds.		Weather.
	H.	M.	°	°	Inches.		Points.	Str.	
Dec. 17	8	0	24	48	30.13	26	W	1	Fine, rather hazy.
	2	0	34	53	30.08	35	NNW	1	Cloudy.
18	8	0	28	46	29.86	28	W	1	Fine, rather hazy.
	2	0	38	54	29.80	40	WbyN	1	Rain.
19	8	0	31	49	30.24	33	W	1	Fine.
	2	0	36	54	30.28	37	W	1	Fine.
20	8	0	43	48	30.13	36	SW	1,2	Cloudy.
	2	0	47	48	30.05	47	NW	1,2	Cloudy.
21	8	0	48	49	30.08	46	W	1	Cloudy.
	2	0	48	49	30.22	48	W	1	Fine.
22	8	0	30	52	30.51	25		1	Thick fog.
	2	0	33	53	30.52	36		1	Thick fog.
23	8	0	32	56	30.43	32	E	1	Thick fog.
	2	0	36	53	30.35	37	E	1	Foggy.
24	8	0	28	48	30.27	30		1	Thick fog.
	2	0	33	53	30.25	35	N	1	Fog.
25	8	0	29	49	30.15	30	W	1	Foggy.
	2	0	37	46	30.08	38	S	1	Hazy and cloudy.
26	8	0	33	45	29.91	35	ESE	1	Cloudy.
	2	0	33	53	29.90	36	SSE	1	Cloudy.
27	8	0	35	44	30.08	35	SW	1	Cloudy.
	2	0	39	45	30.14	40	SE	1	Cloudy.
28	8	0	36	44	30.44	35	N	1	Fine.
	2	0	41	50	30.50	42	N	1	Fine.
29	8	0	35	46	30.61	35	S	1	Cloudy.
	2	0	37	49	30.58	39	N	1	Fine.
30	8	0	39	44	30.49	31	NW	1	Cloudy and foggy. A
	2	0	36	51	30.46	37	N	1	Hazy.
31	8	0	33	43	30.43	31	N	1	Thick fog.
	2	0	38	50	30.41	38	N	1	Fine.

Rain this Month 0.806 Inches.

[white frost.]

1818.	Thermometer without.			Thermometer within.			Barometer.*			Six's Thermometer.			Rain.†
	Greatest height.	Least height.	Mean height.	Greatest height.	Least height.	Mean height.	Greatest height.	Least height.	Mean height.	Greatest height.	Least height.	Mean height.	
	Deg.	Deg.	Deg.	Deg.	Deg.	Deg.	Inches.	Inches.	Inches.	Deg.	Deg.	Deg.	
January	53	28	41,7	59	41	51,4	30,50	29,02	29,82	55	26	41,1	1,461
February	51	26	38,4	62	42	51,6	30,22	29,05	29,72	56	26	37,6	0,727
March	51	33	43,0	68	46	54,5	30,34	28,84	29,67	55	31	43,3	0,986
April	64	40	48,4	68	51	57,9	30,40	29,13	29,71	65	33	48,5	1,791
May	69	48	56,0	68	53	60,4	30,35	29,34	29,84	69	41	55,4	1,597
June	78	57	66,1	77	60	67,8	30,34	29,65	30,03	85	50	66,1	0,407
July	80	61	68,9	81	64	70,4	30,30	29,80	30,05	89	53	69,5	0,361
August	77	53	65,6	77	54	66,4	30,28	29,91	30,08	85	55	68,1	0,278
September	69	51	62,3	70	52	63,5	30,21	29,55	29,86	77	50	64,3	0,972
October	66	48	56,2	69	52	59,6	30,32	29,33	29,87	68	41	56,6	1,166
November	59	39	50,8	66	52	58,7	30,48	29,34	29,85	59	39	51,6	1,084
December	50	24	39,6	62	43	52,7	30,61	29,44	30,07	59	25	40,4	0,806
Whole year			53,1			59,6			29,88			53,5	11,636

* The quicksilver in the basin of the barometer, is 81 feet above the level of low water spring tides at Somerset-house.

† The Society's Rain Gage is 114 feet above the same level, and 75 feet 6 inches above the surrounding ground.

Mean variation of the magnetic needle, June 1818, $24^{\circ} 15' 43''$ West.

Dip about $70^{\circ} 51'$.