

METEOROLOGICAL JOURNAL,

KEPT AT THE APARTMENTS

OF THE

ROYAL SOCIETY,

BY ORDER OF THE

PRESIDENT AND COUNCIL.

MDCCCXX.

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METEOROLOGICAL JOURNAL

for January, 1819.

1819	Time.		Therm. without.	Therm. within.	Barom.	Hy-gro-meter.	Six's Therm.	Winds.		Weather.	
	H.	M.	°	°	Inches.			Points.	Str.		
Jan.	1	8	0	32	44	30.48	21½	34	W	1	Dark and hazy.
		2	0	37	51	30.49	3	38	SSW	1	Dark and cloudy.
	2	8	0	33	44	30.48	5	34	S	1	Thick fog.
		2	0	36	49	30.46	3	39	S	1	Thick fog.
	3	8	0	37	44	30.35	7	39	S	1	Fine.
		2	0	38	46	30.31	10	42	S	1	Fine.
	4	8	0	35	43	30.21	7	34	SE	1	Fine.
		2	0	40	52	30.18	11	40	SE	1	Fair.
	5	8	0	33	59	30.17	7	32	W	1	Thick fog.
		2	0	41	51	30.20	6	39	SE	1	Cloudy.
	6	8	0	37	47	30.20	6	38	SW	1	Cloudy, and hazy.
		2	0	42	56	30.16	12	45	SE	1	Fine.
	7	8	0	41	48	29.91	8	39	SE	1	Cloudy.
		2	0	45	53	29.78	15	46	SSE	1	Cloudy.
	8	8	0	37	51	29.88	7	39	W	1	Fine.
		2	0	42	57	29.92	17	42	NW	1.2	Fine.
	9	8	0	48	51	29.58	10	41	S	1.2	Cloudy.
		2	0	45	55	29.56	10	51	S	1	Cloudy.
	10	8	0	45	50	29.91	9	42	SW	2	Cloudy.
		2	0	48	50	29.75	8	49	S	3	Cloudy.
	11	8	0	43	50	29.70	16	44	S	1.2	Cloudy.
		2	0	46	56	29.84	28	46	WSW	1	Cloudy.
	12	8	0	39	49	30.13	17	39	SW	1	Fine.
		2	0	48	55	30.15	17	49	SW	1	Fine.
	13	8	0	40	50	30.01	7	41	S	1	Fine.
		2	0	47	57	29.93	12	47	S	2	Cloudy.
	14	8	0	48	51	29.95	4	40	S	1.2	Rain.
		2	0	52	57	29.88	10	52	W	1.2	Rain.
	15	8	0	43	52	30.02	8	44	W	1	Cloudy.
		2	0	49	59	29.92	7	52	NW	1	Cloudy.
	16	8	0	36	49	30.20	13	38	NW	1.2	Fine.
		2	0	43	57	30.29	20	44	S	1	Fine.

Rain this Month 0.789 Inches.

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for January, 1819.

1819	Time.		Therm. without.	Therm. within.	Barom.	Hy- grom- eter.	Six's Therm.	Winds.		Weather.
	H.	M.	o	o	Inches.			Points.	Str.	
Sep. 17	8	o	47	51	29.50	6	42	WSW	2	Rain.
	2	o	48	51	29.35	25	52	WSW	1.2	Fine.
18	8	o	40	49	29.37	12	39	W	2	Cloudy.
	2	o	41	55	29.57	18	45	W	1	Fine.
19	8	o	37	49	29.78	14	37	W	1	Cloudy.
	2	o	43	55	29.82	17	44	W	1	Cloudy.
20	8	o	37	51	29.58	11	38	SW	1	Cloudy.
	2	o	43	59	29.60	22	45	W by N	1	Fine.
21	8	o	36	41	29.49	13	37	W	1	Fine.
	2	o	43	55	29.52	25	44	WSW	1	Fine.
22	8	o	38	51	29.53	11	39	SW	1	Cloudy.
	2	o	47	55	29.42	15	49	SE	1	Cloudy.
23	8	o	38	50	29.58	13	39	SW	1	Fine.
	2	o	45	57	29.56	26	48	SW	1	Fine.
24	8	o	42	50	29.61	3	41	SE	1	Fine.
	2	o	47	50	29.42	15	60	SE	1	Fine.
25	8	o	40	49	29.43	8	40	S	2	Cloudy.
	2	o	43	53	29.22	7	44	SSE	3	Rain.
26	8	o	41	51	29.40	7	42	S	1	Cloudy.
	2	o	45	55	29.44	7	47	SW	1	Cloudy.
27	8	o	43	52	29.46	3	41	SE	1	Cloudy and thick fog.
	2	o	46	53	29.47	2	50	SE	1	Cloudy.
28	8	o	46	50	29.35	9	44	SSE	1	Cloudy.
	2	o	46	56	29.42	10	46	S by E	1	Cloudy.
29	8	o	38	53	29.53	3	39	SE	1	Cloudy and hazy.
	2	o	45	60	29.50	28	47	SSE	1.2	Fine.
30	8	o	40	52	29.36	8	40	E	1.2	Rain.
	2	o	42	56	29.35	4	44	E	1	Cloudy and hazy.
31	8	o	39	51	29.47	5	38	N	1	Cloudy.
	2	o	43	51	29.51	12	44	SE	1	Cloudy.

Rain this Month 0.789 Inches.

METEOROLOGICAL JOURNAL

for February, 1819.

1819	Time.		Therm. without.	Therm. within.	Barom.	Hygrometer.	Six's Therm.	Winds.		Weather.
	H.	M.	°	°	Inches.			Points.	Str.	
Feb.	1	8 0	31	47	29.60	5	31	W	1	Fine.
		2 0	40	56	29.61	30	40	W	1	Fine.
	2	8 0	36	47	29.54	4	35 $\frac{1}{2}$	E	1	Dark with snow.
		2 0	37	49	29.66	12	38		1	Cloudy.
	3	8 0	30	47	29.72	8	30	NW	1	Hazy.
		2 0	39	51	29.61	11	40	S by E	1	Cloudy.
	4	8 0	37	48	29.56	11	36	W	1	Fine.
		2 0	44	52	29.70	14	44	W	1	Cloudy.
	5	8 0	39	50	29.73	5	39	E	1	Rain.
		2 0	45	56	29.66	4	46	S by E	1	Rain.
	6	8 0	43	51	29.61	6	45	W	1	Fine.
		2 0	48	55	29.64	15	52	W	1	Cloudy.
	7	8 0	39	50	29.44	5	40	WSW	1	Fine.
		2 0	46	51	29.41	18	54	NW	1	Cloudy.
	8	8 0	36	48	29.80	8	37	W	1	Fine.
		2 0	45	55	29.96	18	47	N	1	Fine.
	9	8 0	44	50	29.94	3	41	SW	1	Cloudy.
		2 0	48	56	29.88	5	58	NW	1	Cloudy.
	10	8 0	45	51	29.74	14	46	NW	1	Fine.
		2 0	49	51	29.99	28	49	W	1	Fine.
	11	8 0	45	50	30.04	12	42	W	1.2	Cloudy.
		2 0	51	57	30.03	19	54	W	1	Fine.
	12	8 0	45	52	29.73	13	46	W	2	Cloudy.
		2 0	44	57	29.60	13	49	W	1.2	Rain.
	13	8 0	37	51	29.75	8	39	W	1	Fine..
		2 0	46	56	29.78	13	49	W	1	Hail.
	14	8 0	35	50	29.30	10	35	W	1	Fine, rather hazy.
		2 0	40	53	30.04	34	42	S	1	Fine.

Rain this Month 1.638 Inches.

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for February, 1819.

1818	Time.		Therm. without.	Therm. within.	Barom.	Hy- gro- me- ter.	Six's Therm.	Winds.		Weather.
	H.	M.	°	°	Inches.			Points.	Str.	
Feb. 15	8	0	36	48	30.04	11	35	W	1	Cloudy and hazy.
	2	0	46	56	30.93	14	46	SW	1	Cloudy.
16	8	0	43	50	29.68	13	40	S	2	Cloudy.
	2	0	43	55	29.57	6	46	S	2	Rain.
17	8	0	48	52	29.42	17	44	SW	1.2	Cloudy.
	2	0	52	58	29.56	30	52	W	1	Fine.
18	8	0	43	53	29.51	10	43	N	1	Hazy.
	2	0	48	58	29.64	18	50	W	1	Cloudy. [night.
19	8	0	47	54	29.24	10	44	S	3	Rain, a very stormy
	2	0	50	59	29.39	23	52	W	2	Cloudy.
20	8	0	37	53	29.83	7	37	WSW	1	Fine.
	2	0	46	58	29.88	21	52	SW	1	Fine.
21	8	0	43	52	29.18	20	41	E	1.2	Rain.
	2	0	46	52	29.02	7	48	W	1	Rain.
22	8	0	40	50	29.75	11	40	N	1	Cloudy.
	2	0	45	55	29.89	20	46	N	1	Fine.
23	8	0	38	53	29.59	7	38	S	1	Rains hard.
	2	0	43	55	29.51	19	45	SW	1	Cloudy.
24	8	0	34	49	29.65	14	33	SW	1	Hazy.
	2	0	41	54	29.47	27	44	SW	1	Cloudy. [yesterday even.
25	8	0	34	47	29.70	10	28	E by S	1	Cloudy, much snow
	2	0	41	54	29.78	10	43	SE	1	Fine.
26	8	0	32	49	29.70	11	31	N	1	Cloudy.
	2	0	36	53	29.55	8	39	E	1	Rain.
27	8	0	37	48	29.89	12	35	E	1	Cloudy.
	2	0	43	55	29.38	10	45	SW	1	Cloudy.
28	8	0	40	48	29.30	9	39	SW	1	Cloudy.
	2	0	40	48	29.31	7	41	SE	1	Cloudy.

Rain this Month 1.638 Inches.

METEOROLOGICAL JOURNAL

for March, 1819.

1818	Time.		Therm. without.	Therm. within.	Barom.	Hygrometer.	Six's Therm.	Winds.		Weather.	
	H.	M.	o	o	Inches.			Points.	Str.		
Mar.	1	7	0	36	46	29,21	6	36	SSE	1,2	Rain and sleet.
		2	0	40	51	29,22	6	41	N	1	Rain.
	2	7	0	41	48	29,30	6	38	E	1	Rain.
		2	0	44	54	29,41	5	45	SE	1	Cloudy.
	3	7	0	39	47	29,53	15	37	E	1	Cloudy.
		2	0	40	50	29,65	17	41	E	1	Cloudy.
	4	7	0	37	46	29,89	16	36	NE	1	Cloudy.
		2	0	45	56	29,88	14	46	NNE	1	Cloudy.
	5	7	0	41	50	29,98	4	38	N	1	Cloudy.
		2	0	45	56	29,97	17	46	NE	1	Cloudy.
	6	7	0	43	51	29,87	6	41	E	1	Cloudy.
		2	0	47	56	29,91	27	57	SSE	1	Fine.
	7	7	0	40	50	30,07	10	39	E	1	Cloudy.
		2	0	45	51	30,09	5	47	SE	1	Cloudy.
	8	7	0	40	49	30,10	10	39½	E	1	Cloudy.
		2	0	46	53	30,09	22	46	NE	1	Cloudy.
	9	7	0	39	48	30,09	15	38½	ESE	1	Cloudy.
		2	0	47	53	30,11	5	48	SW	1	Fine.
	10	7	0	40	48	30,10	10	37	NW	1	Cloudy and hazy.
		2	0	46	52	30,05	15	47	NW	1	Cloudy.
	11	7	0	43	50	30,05	15	40	NW	1	Cloudy.
		2	0	49	57	30,08	10	55	SW	1	Cloudy.
	12	7	0	45	53	30,14	18	43	NW	1	Cloudy.
		2	0	49	53	30,16	26	51	W	1	Cloudy.
	13	7	0	46	53	30,27	7	44	NW	1	Cloudy.
		2	0	48	57	30,29		50	NW	1	Cloudy.
	14	7	0	43	52	30,30	27	43	W by S	1	Cloudy.
		2	0	46	54	30,19	30	50	SW	1	Fine.
	15	7	0	39	51	30,18	15	37			Thick fog.
		2	0	51	59	30,12	35	52	W	1	Fine.
	16	7	0	48	54	30,02	10	44	WSW	1,2	Cloudy.
		2	0	57	59	30,03	30	57	W	1,2	Cloudy.

Rain this Month 1,010 Inches.

METEOROLOGICAL JOURNAL
for March, 1819.

1819	Time.		Therm. without.	Therm. within.	Barom.	Hy-gro-me-ter.	Six's Therm.	Winds.		Weather.
	H.	M.	°	°	Inches.			Points.	Str.	
Mar. 17	7	0	45	53	30.10	15	43	W	1.2	Fine.
	2	0	53	61	30.14	36	54	W	1.2	Fine.
18	7	0	39	51	30.21	19	36	N	1	Fine.
	2	0	53	60	30.17	37	55	SW	1	Fine.
19	7	0	44	54	29.51	4	39	S	1.2	Rain.
	2	0	48	60	29.51	23	50	NW	1	Fine.
20	7	0	43	54	29.42½	14	41	SW	2	Cloudy.
	2	0	47	62	29.56	14	47	NW	2	Rain.
21	7	0	41	54	29.77	22	40	NNE	1	Fine.
	2	0	46	54	29.79	20	56	NW	1	Fine.
22	7	0	40	51	29.81	14	39½	SW	1	Cloudy.
	2	0	51	59	29.81	39	49	W	1	Cloudy.
23	7	0	42	53	29.75	14	40	S	1	Cloudy and hazy.
	2	0	49	57	29.73	7	52	S	1	Cloudy.
24	7	0	47	52	29.56	5	43	SW	1	Cloudy.
	2	0	54	57	29.62	40	57	W	1	Fine.
25	7	0	47	51	29.5	11	46	SW	1	Cloudy.
	2	0	51	58	29.83	32	55	W	1.2	Fine.
26	7	0	45	54	29.88	16	39	W	1	Fine.
	2	0	55	58	29.95	42	53	W	1	Cloudy.
27	7	0	47	53	29.86	15	47	W	1.2	Cloudy.
	2	0	48	56	29.77	14	55	W	1.2	Rain.
28	7	0	46	55	29.78	5	46	W	1	Rain.
	2	0	48	55	29.74	7	54	W	1	Cloudy.
29	7	0	50	54	29.72	50	47	W	1	Fine.
	2	0	54	61	29.97	24	55	W	1	Showery and squally.
30	7	0	46	56	29.62	13	49	WSW	2	Cloudy.
	2	0	57	61	29.99	16	60	WSW	1	Cloudy.
31	7	0	52	57	29.09	13	50½	W	1	Cloudy.
	2	0	57	63	30.11	9	60	WbyN	1.2	Cloudy.

Rain this Month 1.010 Inches.

METEOROLOGICAL JOURNAL

for April, 1819.

1819	Time.		Therm. without.	Therm. within.	Barom.	Hy- gro- me- ter.	Six's Therm.	Winds,		Weather.
	H.	M.	°	°	Inches.			Points.	Str.	
Apr.	1	7 0	51	56	30.16		48	SW	1	Fine.
		2 0	61	64	30.17	26	63	SW	1	Fine.
	2	7 0	52	61	30.16	13	49	W	1	Fine.
		2 0	61	66	30.14	48	63	NW	1	Fine.
	3	7 0	50	60	30.05	22	52	S	1	Fine.
		2 0	65	66	29.99	37	67	W	1	Fine.
	4	7 0	45	59	30.16	17	48	E	1	Cloudy.
		2 0	55	60	30.14	25	62	SE	1	Fine.
	5	7 0	50	61	30.07	12	47	NE	1.2	Cloudy.
		2 0	54	66	30.06	41	65	N	1	Fine.
	6	7 0	44	58	29.95	22	41 $\frac{1}{2}$	E	1	Fine.
		2 0	52	64	29.82	22	55	SE	1	Fine.
	7	7 0	47	58	29.58	11	54	SE	1	Cloudy.
		2 0	57	66	29.71	26	62	SE	1	Fair.
	8	7 0	54	61	29.85	17	54	SSE	1	Cloudy.
		2 0	55	62	29.91	7	56	N	1	Rain.
	9	7 0	48	59	29.99	14	46	N	1	Fine.
		2 0	57	61	30.02	25	51	SE	1	Cloudy.
	10	7 0	45	56	30.01	14	43	W	1	Cloudy.
		2 0	58	64	29.84	33	62	SW	1	Fine.
	11	7 0	48	59	29.46	12	45	W	1	Cloudy.
		2 0	56	60	29.35	29	58	W	1	Fine.
	12	7 0	45	56	29.33	5	45 $\frac{1}{2}$	SW	1	Rain.
		2 0	48	57	29.31	7	54	SE	1	Rain.
	13	7 0	52	58	29.21	6	49	S	1	Cloudy.
		2 0	52	58	29.29	16	55	WSW	1	Fine.
	14	7 0	47	57	29.49	11	44	S	1.2	Cloudy.
		2 0	53	62	29.49	35	58	S	1	Fine.
	15	7 0	48	56	29.41	9	46	NW	1	Fine.
		2 0	57	62	29.45	22	58	NE	1	Fine.
	16	7 0	49	57	29.11	10	46	NE	1.2	Cloudy.
		2 0	55	65	29.22	24	57	NE	1	Fine.

Rain this Month 1.010 Inches.

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for April, 1819.

1819	Time.		Therm. without.	Therm. within.	Barom.	Hygro-meter.	Six's Therm.	Winds.		Weather.
	H.	M.	°	°	Inches.			Points.	Str.	
Apr. 17	7	0	47	57	29.36	13	43	S	2	Rain.
	2	0	49	63	29.45	34	55	NE	1	Fine.
18	7	0	48	56	29.63	24	45	W	1.2	Fine.
	2	0	52	57	29.61	20	59	WNW	1	Fine.
19	7	0	46	55	29.82	21	41	W	1	Fine.
	2	0	52	61	29.81	8	57	SSE	2	Cloudy.
20	7	0	52	57	29.68	3	50	W	1	Dark and Cloudy.
	2	0	57	61	29.70	11	58	S	1	Cloudy.
21	7	0	50	58	29.64	14	48	W	1.2	Cloudy.
	2	0	56	62	29.57	12	59	SW	1	Fine.
22	7	0	48	56	29.81	52	45	SE	1	Fine.
	2	0	50	60	29.90	20	50	NNE	1	Cloudy.
23	7	0	46	56	29.81	5	45	SE	1	Cloudy.
	2	0	50	57	29.73	16	51	SE	1	Fine.
24	7	0	48 ¹ / ₂	56	29.58	3	47	ENE	1	Rain.
	2	0	46	57	29.58	5	53	ESE	1	Cloudy.
25	7	0	48	55	29.71	4	46	NNW	1	Cloudy.
	2	0	48	55	29.85	10	49	ESE	1	Cloudy.
26	7	0	44	52	30.11	18	38 ¹ / ₂	N	1	Fine.
	2	0	50	55	30.13	20	52	ESE	1	Fine.
27	7	0	45	52	30.14	15	41	NE	1	Fine.
	2	0	47	60	30.18	30	59	SE	1	Fine.
28	7	0	39	53	30.22	15	41	ESE	1	Fine.
	2	0	52	61	30.19	50	56	E	1	Fine.
29	7	0	48	55	30.07	20	42 ¹ / ₂	ESE	1	Fine.
	2	0	52	61	30.02	46	55	ESE	1	Fine.
30	7	0	46	54	29.94	15	42	ESE	1	Fair.
	2	0	56	69	29.59	44	58	ESE	1	Fine.

Rain this Month 1.694 Inches.

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for May, 1819.

1819	Time.		Therm. without.	Therm. within.	Barom.	Hygrometer.	Six's Therm.	Winds.		Weather.
	H.	M.	°	°	Inches.			Points.	Str.	
May	1	7 0	49	55	29,84	17	43	SE	1	Fine.
		2 0	56	62	29,84	56	62	SW	1	Fine.
	2	7 0	52	57	29,75	25	43	SE	1	Fine.
		2 0	49	60	29,68	34	65	NW	1	Fine.
	3	7 0	49	56	29,56	20	41	N	1	Fine.
		2 0	60	62	29,56	40	69	SE	1	Fine.
	4	7 0	50	61	29,47	17	40	S	1	Fine.
		2 0	61	61	29,52	47	65	SSE	1	Fine.
	5	7 0	50	61	29,56	19	40	SE	1	Fine.
		2 0	61	63	29,55	22	63	SSW	1	Fine.
	6	7 0	49	57	29,49	18	40	S	1	Fine.
		2 0	60	65	29,97	25	65	SE	1	Fine.
	7	7 0	52	56	29,48	16	42	SSE	1	Fine.
		2 0	61	63	29,54	27	66	SE	1	Fine.
	8	7 0	48	54	29,51	18	44	S	1	Fine.
		2 0	62	64	29,53	30	69	SE	1	Fine.
	9	7 0	55	56	29,53	10	45	SSE	1	Fine.
		2 0	68	65 $\frac{1}{2}$	29,58	34	71	SW	1	Fine.
	10	7 0	56	62	30,17	19	50	SSW	1	Fine.
		2 0	65	65	30,17	30	70	SW	1	Fine.
	11	7 0	68	64	30,06	19	64 $\frac{1}{2}$	W	1	Fine.
		2 0	62	62 $\frac{1}{2}$	30,07	34	66 $\frac{1}{2}$	NW	1	Fine.
	12	7 0	61	60	30,08	16	56	W	1	Fine.
		2 0	62 $\frac{1}{2}$	63	30,04	28	67	W	1	Fine.
	13	7 0	59 $\frac{1}{2}$	61	30,04	21	66	SW	1	Fine.
		2 0	61	62	30,06	36	65	NW	1	Fine.
	14	7 0	53	59	30,03	24	52	SWbN	1	Fine.
		2 0	61	63	30,01	43	64	W	1	Fine.
	15	7 0	57	57 $\frac{1}{2}$	30,13	23	54	SW	1	Fine.
		2 0	60	52	30,15	40	65	S	1	Fine.
	16	7 0	55	58 $\frac{1}{2}$	30,17	17	52	SSW	1	Fine.
		2 0	59	61	30,21	36	64	SE	1	Fine.

Rain this Month 1,400 Inches.

METEOROLOGICAL JOURNAL

for May, 1819.

1819	Time.	Therm. without.	Therm. within.	Barom.	Hy- gro- me- ter.	Six's Therm.	Winds.		Weather.
	H. M.	°	°	Inches.			Points.	Str.	
May 17	7 0	55	58 $\frac{1}{2}$	30.17	17	52	SSE	1	Fine.
	2 0	64	65	29.91	46	67	NE	1	Fine.
18	7 0	62	60	29.68	10	51	SW	1	Fine.
	2 0	63	63	29.10	30	68	W	1	Fine.
19	7 0	55	59	29.12	5	54	E	1	Rain.
	2 0	60	61	29.16	15	62	NE	1	Rain.
20	7 0	58	59	29.16	9	66	W	1	Rain.
	2 0	63	64	29.19	19	64	SW	1	Rain.
21	7 0	54	58	29.14	18	56	S	1	Fine.
	2 0	59	60	29.17	34	67	E	1	Fine.
22	7 0	66 $\frac{1}{2}$	58	29.55	10	51	S	1	Fair.
	2 0	61	61 $\frac{1}{2}$	29.52	17	64	S	1	Showery.
23	7 0	58	59 $\frac{1}{2}$	29.91	16	50	ESE	1	Fine.
	2 0	60	63	29.91	24	58	SE	1	Fine.
24	7 0	57	61	29.84	12	51	SE	1	Rain.
	2 0	61	61	29.84	17	63	SE	1	Fine.
25	7 0	53	55 $\frac{1}{2}$	29.63	4	50	E	1	Fair.
	2 0	60	62	29.68	7	63	E	1	Fine.
26	7 0	54	58	29.51	5	51	SE	1	Fine.
	2 0	58	59	29.81	11	61 $\frac{1}{2}$	WSW	1	Fine.
27	7 0	49	56	29.73	6	51	E by N	1	Fine.
	2 0	56	59	29.64	14	62	E	1	Fine.
28	7 0	46 $\frac{1}{2}$	55	29.91	8	51	SW	1	Fine.
	2 0	53	56	29.93	19	58	SSW	1	Fine.
29	7 0	51	52	29.62	16	52	NE	1	Fine.
	2 0	59	56	29.62	18	55	SWbN	1	Fine.
30	7 0	59	66	29.84	12	52 $\frac{1}{2}$	SW	1	Fine.
	2 0	49	53	29.84	20	67	S	1	Fine.
31	7 0	58	55 $\frac{1}{2}$	29.08	17	55	SW	1	Cloudy, rain in the [night.
	2 0	57	57	29.08	21	61	NE	1	Fine.

Rain this Month 1.400 Inches.

METEOROLOGICAL JOURNAL

for June, 1819.

1819	Time.		Therm. without.	Therm. within.	Barom.	Hy- gro- me- ter.	Six's Therm.	Winds.		Weather.	
	H.	M.	o	o	Inches.			Points.	Str.		
June	1	7	0	57	56	30,08	10	51	SW	1	Fine.
		2	0	61	58	29,95	19	67	SW	1	Fine.
	2	7	0	58	57	29,95	10	54	SSW	1	Fine.
		2	0	69	61	30,01	25	67	SSW	1	Fine.
	3	7	0	56	58	30,01	10	50	SW	1	Fine.
		2	0	64	61	29,99	24	67	SW	1	Fine.
	4	7	0	59	59	29,93	10	56	SW	1	Fine.
		2	0	64	62	29,91	14	68	WSW	1	Fine.
	5	7	0	54	59	30,01	9	48	WSW	1	Fine.
		2	0	64	63	30,06	17	68	WSW	1	Fine.
	6	7	0	56	59	30,04	8	51	SW	1	Fine.
		2	0	63	64	29,93	27	68	WSW	1	Fine.
	7	7	0	58	60	29,62	10	51	WSW	1	Fine.
		2	0	63	61½	29,63	32	66	SW	1	Fine.
	8	7	0	58	60	29,60	16	51½	S	1	Fine.
		2	0	59	63	29,58	19	66	S	1	Fine.
	9	7	0	57	61	29,58	10	54	NW	1	Fine.
		2	0	66	66	29,61	36	67½	S	1.2	Fine.
	10	7	0	55	61½	29,67½	19	53	W	1	Fine.
		2	0	63	65	29,74	15	67	SW	1	Showery.
	11	7	0	53	61	29,96	11	48	W	1	Fine.
		2	0	62	62	29,98	17	67	SSW	1	Fine.
	12	7	0	54	60	30,00	13	49	SWbyS	1	Fine.
		2	0	62	63	30,01	25	64	SW	1	Fair.
	13	7	0	55	59	30,07	16	49	SW	1	Hazy.
		2	0	65	62	30,03	39	69	SSW	1	Fine.
	14	7	0	55	60	29,99	11	51	W	1	Fine.
		2	0	63	62	29,93	22	65	SW	1	Cloudy.
	15	7	0	51	60	29,78	15	55	S by W	1 2	Rain.
		2	0	62	63	29,76	20	64	N	1	Cloudy.
	16										

Rain this Month 1.017 Inches.

METEOROLOGICAL JOURNAL

for June, 1819.

1819	Time.		Therm. without.	Therm. within.	Barom.	Hy-gro-meter.	Six's Therm.	Winds.		Weather.
	H.	M.	o	o	Inches.			Points.	Str.	
June 16	7	0	54	59	29.92	12	46 $\frac{1}{2}$	SSE	1	Cloudy.
	2	0	62	61	29.94	26	63	N	1	Cloudy.
17	7	0	57	59	30.06	11	51	W	1	Cloudy.
	2	0	63	63	30.07	28	66	S	1	Fine.
18	7	0	56	61	30.04	3	55 $\frac{1}{2}$	N	1	Hazy.
	2	0	60	61 $\frac{1}{2}$	30.02	15	62	ENE	1	Cloudy.
19	7	0	58	61	30.10	18	54	N	1	Fine.
	2	0	66	67	30.13	37	70	NE	1	Fine.
20	7	0	60	63	30.19	16	55	S	1	Fair.
	2	0	66	66	30.28	39	68	SSE	1	Fine.
21	7	0	51	62	30.18	23	58	N	1	Fine.
	2	0	70	70	30.12	29	72	SE	1	Fine.
22	7	0	56	64	30.07	19	56	W	1	Fine.
	2	0	65	65	30.05	26	69	NE	1	Fine.
23	7	0	60	64	30.03	16	58	NW	1	Cloudy, rather hazy.
	2	0	66	67	30.01	19	70	N	1	Cloudy.
24	7	0	57	63	29.89	10	54	W	1	Rain.
	2	0	58	63	29.78	6	64	SW	1.2	Cloudy.
25	7	0	60	64	29.76	4	57	W	1	Cloudy, dull weather.
	2	0	63	64	29.77	10	66	SW	1	Cloudy.
26	7	0	57	62	29.65	4	55	S	2	Cloudy.
	2	0	62	62	29.64	10	67	S	1	Cloudy.
27	7	0	59	59 $\frac{1}{2}$	29.69	5	51	SSW	1	Cloudy.
	2	0	60	66	29.58	12	64	SW	1	Rain.
28	7	0	53	60	29.67	9	51	NW	1	Fair.
	2	0	59	63	29.70	23	63	NW	1	{ Cloudy. a storm of thunder, lightning, and hail at noon.
29	7	0	54	58	29.82	14	47 $\frac{1}{2}$	NW	1	Fine.
	2	0	62	60	29.85	11	65	SSW	1	Fine.
30	7	0	58	60	29.75	5	55	W	1	Cloudy.
	2	0	64 $\frac{1}{2}$	62	29.72	23	68	WNW	1	Fine.

Rain this Month 1.017 Inches.

METEOROLOGICAL JOURNAL

for July, 1819.

1819	Time.		Therm. without.	Therm. within.	Barom.	Hygro-meter.	Six's Therm.	Winds.		Weather.
	H.	M.	°	°	Inches.			Points.	Str.	
July	1	7 0	56	60	29.79	25	50 $\frac{1}{2}$	W	1	Fine.
		2 0	65	61	29.82	30	65	NW	1	Cloudy.
	2	7 0	56	60	29.88	13	51	SW	1	Fair.
		2 0	62	61	29.87	18	67	WSW	1	Rain.
	3	7 0	60	61	29.78	9	56	SW	1	Cloudy.
		2 0	69	65	29.81	20	71	WSW	1	Fine.
	4	7 0	61	64	29.76	19	60	S	1	Cloudy.
		2 0	74	72	29.81	27	81	WSW	1	Fine.
	5	7 0	66	66	29.84	10	62	W	1	Fine.
		2 0	71 $\frac{1}{2}$	71	29.85	30	78	S	1	Fine.
	6	7 0	63	66	29.94	13	62	S	1	Thick and hazy.
		2 0	63	66	29.92	10	69	SE	1	Rain.
	7	7 0	62	66	30.12	12	61	N	1	Hazy.
		2 0	67	67	30.15	30	69	W	1	Fine.
	8	7 0	62	65	30.01	8	60	N	1	Rain.
		2 0	64	65	29.98	12	67	SE	1	Cloudy.
	9	7 0	59	64	30.08	10	60	W	1	Cloudy.
		2 0	69	68	30.12	49	70	WNW	1	Fine.
	10	7 0	59	63	30.12	20	56	W	1	Cloudy.
		2 0	66	67	30.06	30	70	WNW	1	Fine.
	11	7 0	61	64	30.08	18	53	W	1	Cloudy.
		2 0	66	65	30.08	39	70	WNW	1	Fine.
	12	7 0	66	65	30.09	20	57	W	1	Fine.
		2 0	71	68	30.09	23	74	WSW	1	Fine.
	13	7 0	64	64	30.17	20	62	S	1	Cloudy.
		2 0	66	65	30.18	36	71	S	1	Fine.
	14	7 0	59	64	30.16	27	56	SSE	1	Fine.
		2 0	64	65	30.12	19	68	S	1	Fine.
	15	7 0	58	63	30.05	18	57	N	1	Dull and Cloudy.
		2 0	64	65	30.02	22	68	N	1	Fine.
	16	7 0	58	63	30.00	23	56 $\frac{1}{2}$	E	1	Cloudy.
		2 0	68	69	30.01	27	72	E	1	Fine.

Rain this Month 0.750 Inches.

METEOROLOGICAL JOURNAL

for July, 1819.

1819	Time.		Therm. without.	Therm. within.	Barom.	Hy-gro-meter.	Six's Therm.	Winds.		Weather.
	H. M.		°	°	Inches.			Points.	Str.	
July	17	7 0	62	64	29.99	15	56	N	1	Cloudy.
		2 0	71	67	30.01	27	71	NW	1	Cloudy.
	18	7 0	63	65	30.00	14	61	W	1	Fine.
		2 0	65	68	29.84	30	65	W	1	Fine.
	19	7 0	62	64	29.68	15	58	SSW	1	Fine.
		2 0	61	71	29.59	48	76	W	1	Fine.
	20	7 0	63	67	29.32	31	61	S	1	Cloudy, rain in the [night.
		2 0	66	68	29.33	31	74	SW	1	Fine.
	21	7 0	57	65	29.46	14	56	SSE	2	Cloudy.
		2 0	63	64	29.58	5	61	NE	2	Cloudy.
	22	7 0	57	63	29.95	19	54	S	1	Fine.
		2 0	65	67	30.07	40	69	S	1	Fine.
	23	7 0	59	63	30.14	17	55	W	1	Hazy.
		2 0	69	69	30.15	61	70	N	1	Fine.
	24	7 0	65	65	30.18	23	61	N	1	Fine, but rather hazy.
		2 0	69	70	30.16	35	79	N	1	Fine.
	25	7 0	66	65	30.10	16	59	E	1	Fine.
		2 0	68	72	30.07	29	74	SE	1	Fine.
	26	7 0	65	67	30.02	14	59	NNE	1	Fine, rather hazy.
		2 0	70	72	30.03	35	74	SW	1	Fine.
	27	7 0	58	66	30.12	20	63	N	1	Cloudy.
		2 0	72	72	30.13	42	73	N	1	Fine.
	28	7 0	63	67	30.19	16	61	NbyE	1	Cloudy and hazy.
		2 0	70	73	30.21	40	74	S	1	Fine.
	29	7 0	63	66	30.17	17	49	S	1	Cloudy, rather hazy.
		2 0	74	73	30.11	42	77	WSW	1	Fine.
	30	7 0	67	67	30.10	25	61	N	1	Fine.
		2 0	75	77	30.09	37	79	E	1	Fine.
	31	7 0	69	68	30.02	18	65	E	1	Fine.
		2 0	72	74	30.01	38	78	S	1	Fine.

Rain this Month 0.750 Inches.

METEOROLOGICAL JOURNAL

for August, 1819.

1819	Time.	Therm. without.	Therm. within.	Barom.	Hy- gro- me- ter.	Six's Therm.	Winds.		Weather.
	H. M.	°	°	Inches.			Points.	Str.	
Aug. 1	7 0	68	68	30,01	13	66	W	1	Cloudy and hazy.
	2 0	69	71	30,01	49	80	N	1	Fine.
2	7 0	62	66	30,00	15	61	SE	1	Cloudy.
	2 0	69	73	29,95	34	72	W	1	Fine.
3	7 0	63	68	29,91	29	61	N	1	Cloudy.
	2 0	65	67	29,92	48	71	N	1	Fine.
4	7 0	63	66	29,88	17	62	N	1	Cloudy.
	2 0	66	66	29,89	16	68	NW	1	Fine.
5	7 0	63	67	29,92	16	62	N	1	Cloudy.
	2 0	66	67	29,95	18	67 $\frac{1}{2}$	NNW	1	Fine.
6	7 0	62	67	29,99	16	59 $\frac{1}{2}$	NW	1	Fine.
	2 0	72	70	29,97	21	75	W	1	Cloudy.
7	7 0	66	66	29,98	13	62	NW	1	Cloudy and hazy.
	2 0	73	71	29,99	50	73	SW	1	Fine.
8	7 0	64	65	30,05 $\frac{1}{2}$	24	61	NE	1	Cloudy.
	2 0	67	67	30,08	36	70	NE	1	Fine.
9	7 0	66	66	30,11	20	60	N	1	Fine.
	2 0	72	72	30,12	36	76	NNE	1	Fine.
10	7 0	64	66	30,11	16	61	E	1	Fine.
	2 0	68	72	30,08	24	73	SSE	1	Fine.
11	7 0	63	64	30,00		59	E	1	Cloudy and hazy.
	2 0	68	70	29,95	33	74	SE	1	Fine.
12	7 0	62	64	29,92	23	61	ESE	1	Cloudy and hazy.
	2 0	74	71	29,90	43	76	W	1	Fair.
13	7 0	64	65	29,92	15	62	W	1	Cloudy.
	2 0	72	69	29,92	24	74	WSW	1	Cloudy.
14	7 0	65	66	30,01	24	63	NE	1	Cloudy and hazy.
	2 0	69	68	30,03	34	72	E	1	Cloudy.
15	7 0	64	65	30,08	26	59 $\frac{1}{2}$	N	1	Fine.
	2 0	72	70	30,08	37	73	SSW	1	Fine.
16	7 0	68	67	30,16	21	67	N	1	Fine.
	2 0	73	76	30,18	62	74	NW	1	Fine.

METEOROLOGICAL JOURNAL

for August, 1819.

1819	Time.		Therm. without.	Therm. within.	Barom.	Hygro-meter.	Six's Therm.	Winds.		Weather.
	H.	M.	°	°	Inches.			Points.	Str.	
Aug. 17	7	0	65	67	30.22	20	64	NNE	1	Fine.
	2	0	75	75	30.25	60	78	E	1	Fine.
18	7	0	62	65	30.29	10	65	ENE	1	Cloudy.
	2	0	71	73	30.31		74	NE	1	Fine.
19	7	0	64	65	30.23	14	63	E	1	Hazy.
	2	0	69	68	30.19	35	72	ESE	1	Fine.
20	7	0	63	64	30.18	20	61	N	1	Cloudy and hazy.
	2	0	69	69	30.19	44	71	NE	1	Fine.
21	7	0	63	66	30.22	13	61	NbE	1	Fine, rather hazy.
	2	0	71	73	30.19	48	73	NE	1	Fine.
22	7	0	64	64	30.15	18	62	NE	1	Cloudy and hazy.
	2	0	70	68	30.13	37	73	ENE	1	Fine.
23	7	0	66	66	30.11	10	64	NNE	1	Fine.
	2	0	72	75	30.11	57	74	S	1	Fine.
24	7	0	66	68	30.06	12	62	N	1	Fine.
	2	0	73	75	30.06	73	76	SE	1	Fine.
25	7	0	66	68	29.96	16	62	NbE	1	Fine.
	2	0	74	74	29.95	60	75 $\frac{1}{2}$	S	1	Fine.
26	7	0	65	67	30.05	18	62	NbE	1	Fair.
	2	0	70	69	30.06	41	71	N	1	Cloudy.
27	7	0	63	67	30.05	14	60	NE	1	Cloudy.
	2	0	70	68	30.05	22	72	SE	1	Fine.
28	7	0	63	68	29.97	12	61	E	1	Cloudy.
	2	0	68	68	29.88	27	72	SbyE	1	Cloudy.
29	7	0	63	66	29.71	5	59	SW	1	Cloudy.
	2	0	71	72	29.56	29	74	S	1	Fine.
30	7	0	63	66	29.41	7	59	SE	1	Cloudy.
	2	0	69	67	29.20	10	70	E	1	Rain.
31	7	0	55	63	29.31	13	52	SW	1	Fair.
	2	0	67	67	29.39		67			

Rain this Month 0.250 Inches.

METEOROLOGICAL JOURNAL

for September, 1819.

1819	Time.		Therm. without.	Therm. within.	Barom.	Hy-gro-meter.	Six's Therm.	Winds.		Weather.
	H.	M.	°	°	Inches.			Points.	Str.	
Sept. 1	7	0	50	57	29.48	18	47	W	1	Fine.
	2	0	61	62	29.55	54	62	SW	1	Fine.
2	7	0	52	57	29.67	17	48	W	1	Fine.
	2	0	64	66	29.71	50	67		1	Fine.
3	7	0	63	64	29.61	2	63	W	1	Cloudy.
	2	0	68	68	29.72	40	71	WSW	1	Fine.
4	7	0	58	61	29.91	8	54	W	1	Fine.
	2	0	67	68	29.96	37	70	W	1	Fine.
5	7	0	63	64	29.77	7	62	NW	1	Rain.
	2	0	63	65	29.81	27	67	W	1	Fine.
6	7	0	55	60	29.91	16	51	W	1	Fine.
	2	0	62	67	30.01	48	65	W	1	Fine.
7	7	0	60	64	30.05	7	55	SW	1	Cloudy.
	2	0	68	65	30.06	56	69	SW	1	Fine.
8	7	0	65	65	30.09	16	62	WSW	1	Fine.
	2	0	71	69	30.10	28	73	W	1	Fine.
9	7	0	64	65	30.12	8	62	S	1	Cloudy.
	2	0	69	72	30.12	44	72	SW	1	Fine.
10	7	0	63	66	29.99	10	61	E	1	Cloudy and hazy.
	2	0	68	71 ¹ / ₂	30.06	39	70	S	1	Fine.
11	7	0	60	64	30.07	8	57	N	1	Thick hazy weather.
	2	0	60	64	30.12	30	66	N	1	Cloudy.
12	7	0	59	66	30.21	17	58	SW	1	Cloudy.
	2	0	68	70	30.23	37	76	S	1	Fine.
13	7	0	57	61	30.27	22	53	N	1	Hazy.
	2	0	66	70	30.27	51	66	E	1	Fine.
14	7	0	58	63	30.25	8	55	E	1	Thick and hazy.
	2	0	66	71	30.21	54	69	SE	1	Fine.
15	7	0	62	65	29.98	9	58	E	1	Cloudy, rather hazy.
	2	0	70	70	29.87	34	73	SSW	1	Fine.

Rain this Month 1.320 Inches.

METEOROLOGICAL JOURNAL

for September, 1819.

1819	Time.	Therm. without.	Therm. within.	Barom.	Hy- gro- me- ter.	Six's Therm.	Winds.		Weather.
	H. M.	°	°	Inches.			Points.	Str.	
Sept. 16	7 0	57	63	29.69	11	57	N	1	Cloudy.
	2 0	63	64	29.74	38	67	NW	1	Fine.
17	7 0	54	59	29.96	14	48	N	1	Fine.
	2 0	63	64	30.06	27	69	N	1	Fine.
18	7 0	55	59	30.19	7	53	W	1	Cloudy.
	2 0	65	67	30.17	30	68	W	1	Fine.
19	7 0	57	61	30.19	28	52	SW	1	Fine.
	2 0	60	62	30.19	36	66	W	1	Fine.
20	7 0	52	56	30.29	15	47 ¹ / ₂	N	1	Fine.
	2 0	70	63	30.34	40	70	NE	1	Fine.
21	7 0	51	56	30.44	18	47	NbyE	1	Fine.
	2 0	60	62	30.44	39	66	N	1	Fine.
22	7 0	51	57	30.45	22	48	N	1	Fine.
	2 0	60	61	30.36	27	66	E	1	Cloudy.
23	7 0	57	59	30.23	16	53	N	1	Fine.
	2 0	59	60	30.10	24	62	E	1	Cloudy.
24	7 0	54	58	29.87	20	53	ESE	1	Cloudy and hazy.
	2 0	61	63	29.78	40	63	SE	1	Fine.
25	7 0	56	59	29.59	5	52	E	1	Rain.
	2 0	58	61	29.52	7	62	E	1	Rain.
26	7 0	60	67	29.48	17	52	E	1	Fair.
	2 0	60	62	29.58	32	62	NW	1	Fine.
27	7 0	56	59	29.55	5	52	W	1	Fine. [night.
	2 0	63	62	29.60	13	64	W	1	Rain. Rain in the
28	7 0	60	61	29.59	11	58	S	3	Rain.
	2 0	60	63	29.61	19	65	S	1	Fair.
29	7 0	59	61	29.47	3	56	S	2.3	Rain.
	2 0	61	63	29.61	11	65	W	1	Cloudy.
30	7 0	61	62	29.77 ¹ / ₃	11	56	W	1.2	Cloudy.
	2 0	60	63	29.79	19	64	W	1	Cloudy.

Rain this Month 1.320 Inches.

METEOROLOGICAL JOURNAL

for October, 1819.

1819	Time.		Therm. without.	Therm. within.	Barom.	Hygrometer.	Six's Therm.	Winds.		Weather.
	H.	M.	°	°	Inches.			Points.	Str.	
Oct.	1	8 0	63	63	29.80	17	61	S	2	Fine.
		2 0	69	65	29.75	17	69	SW	1	Cloudy.
	2	8 0	61	64	29.58	6	60	SbyE	1.2	Cloudy.
		2 0	68	68	29.75	42	68	W	1	Fine.
	3	8 0	61	64	29.72	16	58	W	1	Cloudy.
		2 0	63	67	29.67	40	63	W	1	Fine.
	4	8 0	58	63	29.54	12	54	S	1.2	Cloudy.
		2 0	57	63	29.56	15	57	SW	1	Rain.
	5	8 0	46	59	29.81	21	44	NW	1	Fine.
		2 0	58	62	30.04	34	58	NW	1	Fine.
	6	8 0	47	56	30.13	14	43	W	1	Cloudy.
		2 0	55	58	30.01	27	55	SW	1.2	Fine.
	7	8 0	54	58	29.91	10	53	W	1	Cloudy, rather hazy.
		2 0	58	62	29.87	25	58	SW	1	Cloudy.
	8	8 0	58	60	30.00	6	56	W	1	Cloudy.
		2 0	59	61	30.03	19	59	W	1	Fair.
	9	8 0	57	60	29.93	8	57	SbyE	1	Cloudy.
		2 0	58	61	29.86	20	58	S	1	Cloudy.
	10	8 0	60	61	29.78	11	58	WSW	1	Cloudy.
		2 0	60	67	29.81	44	60	W	1	Fine.
	11	8 0	62	63	29.83	60	60	E	1	Fine.
		2 0	66	68	29.92	35	66	ESE	1	Fine.
	12	8 0	59	63	29.98	13	56	NNE	1	Thick and hazy.
		2 0	70	70	29.99	25	70	SW	1	Fine.
	13	8 0	61	64	29.97	2	59	S	1	Cloudy and hazy.
		2 0	64	65	29.95	20	64	SW	1	Cloudy.
	14	8 0	54	60	30.08	13	51	SW	1	Cloudy and hazy.
		2 0	60	62	30.10	13	60	W	1	Rain.
	15	8 0	57	60	30.27	12	51	NbyE	1	Fine.
		2 0	57	62	30.31	38	57	SE	1	Fine.
	16	8 0	53	57	30.26	14	47	W	1	Cloudy and hazy.
		2 0	57	60	30.01	19	57	W	1	Cloudy.

Rain this Month 1.069 Inches.

METEOROLOGICAL JOURNAL

for October, 1819.

1819	Time.		Therm. without.	Therm. within.	Barom.	Hygro-meter.	Six's Therm.	Winds,		Weather.
	H.	M.	°	°	Inches.			Points.	Str.	
Oct. 17	8	0	44	54	30.11	19	42	NW	1	Fine.
	2	0	50	54	30.16	22	55	N	1	Rain.
18	8	0	43	52	30.20	8	42	N	1	Fine.
	2	0	50	54	30.21	30	54	SW	1	Fine.
19	8	0	39	52	30.13	5	37	W	1	Cloudy.
	2	0	47	55	30.01	25	60	W	1	Fine.
20	8	0	54	55	29.67	5	37	SW	1	Cloudy.
	2	0	53	55	29.57	10	57	SW	1	Rain.
21	8	0	42	49	29.48	8	44	NbW	1	Cloudy and hazy.
	2	0	42	51	29.52	0	42	NW	1	Cloudy, snow at 1 o'clock.
22	8	0	34	47	29.41	3	32½	NNE	1.2	{ Cloudy, a heavy fall of snow in the night.
	2	0	42	49	29.42	12	43	NW	1.2	Rain.
23	8	0	37	47	29.35	3	37	W	1	Fair.
	2	0	54	55	29.31	10	54	W	1	Cloudy.
24	8	0	47	48	29.32	7	38	W	1	Cloudy.
	2	0	46	48	29.35	4	49	W	1.2	Cloudy.
25	8	0	36	46	29.41	12	35	W	1	Cloudy.
	2	0	43	52	29.47	8	43	NW	1	Fine.
26	8	0	40	49	29.56	4	34	N	1	Cloudy and hazy.
	2	0	48	57	29.58	6	60	NW	1	Fine.
27	8	0	34	51	29.81	1	32	NbyW	1	Hazy and thick.
	2	0	43	55	29.79	6	45	SbyE	1	Rain.
28	8	0	37	50	29.80	3	36	NNE	1	Fine.
	2	0	46	56	29.79	7	45	N	1	Fine.
29	8	0	37	52	29.57	1	35	N	1	Cloudy and hazy.
	2	0	43	53	29.48	7	44	NbyE	1	Cloudy.
30	8	0	42	52	29.54	2	40	NE	2	Rain.
	2	0	45	55	29.57	8	45	SW	1	Rain.
31	8	0	43	52	29.78	0	44	E	1	Rain.
	2	0	45	50	29.23	7	48	E	1	Cloudy.

Rain this Month 1.069 Inches.

METEOROLOGICAL JOURNAL

for November, 1819.

1819	Time.		Therm. without.	Therm. within.	Barom.	Hygrometer.	Six's Therm.	Winds.		Weather.
	H.	M.	°	°	Inches.			Points.	Str.	
Nov. 1	8	0	45	50	29.35	0	45	E	1	Rain.
	2	0	47	57	29.77	6	51	NbyE	1	Cloudy.
	2	8	42	51	29.59	0	41	NE	1	Fine.
	2	0	46	59	29.61	10	47	WNW	1	Fine.
	3	8	39	55	29.90	6	37	NW	1	Fine.
	2	0	45	59	30.09	25	46	SW	1	Fine.
	4	8	43	53	29.96	12	39	W	1	Fine.
	2	0	51	58	29.91	19	56	SSW	1	Cloudy.
	5	8	49	56	29.74	16	46	SW	1	Cloudy.
	2	0	52	59	29.82	19	60	S	1	Cloudy.
	6	8	46	57	29.52	7	46	W	1	Fine.
	2	0	52	62	29.47	17	53	SW	1	Fine.
	7	8	44	55	29.41	11	43	S	1	Fine.
	2	0	53	55	29.47	22	54	S	1	Fine.
	8	8	39	53	29.55	3	38	N	1	Fine.
	2	0	46	59	29.59	11	56	N	2	Cloudy.
	9	8	33	53	29.88	1	33	W	1	Fine.
	2	0	47	56	29.85	13	49	W	1	Cloudy.
	10	8	44	56	29.34	1	34	W	1	Thick and hazy.
	2	0	49	60	29.32	17	51	NW	1	Cloudy.
	11	8	45	57	29.58	4	45	N	2	Cloudy.
	2	0	46	57	29.75	11	48	S	1 2	Cloudy.
	12	8	46	59	29.96	3	45	NE	1	Cloudy.
	2	0	48	59	29.95	12	48	N	1	Fine.
	13	8	43	54	29.82	10	41	N	1	Cloudy.
	2	0	45	57	29.81	16	47	N	1	Cloudy.
	14	8	43	54	29.79	9	42	S	1	Cloudy.
	2	0	47	56	29.79	15	48	S	1	Cloudy.
	15	8	42	52	29.78	0	42	W	1	Foggy.
	2	0	46	61	29.70	3	49	S	1	Cloudy.
	16	8	42	52	29.54	0	42	NW	1	Rain.
	2	0	56	64	29.48	12	57	SW	1	Cloudy.

Rain this Month 0.917 Inches.

METEOROLOGICAL JOURNAL

for November, 1819.

1819	Time.		Therm. without.	Therm. within.	Barom.	Hy-gro-meter.	Six's Therm.	Winds.		Weather.
	H.	M.	°	°	Inches.			Points.	Str.	
Nov. 17	8	0	41	51	29.61	2	39	E	1	Cloudy.
	2	0	44	58	29.80	10	45	N	1	Cloudy.
18	8	0	42	54	30.05	15	42	E	1	Cloudy.
	2	0	45	56	30.08	19	46	E	1	Cloudy.
19	8	0	35	49	29.99	14	34	NE	1	Fine.
	2	0	39	55	29.99		40	S	1	Fine.
20	8	0	35	48	29.74	9	34	NW	1	Cloudy.
	2	0	38	53	29.58	12	42	W	1	Cloudy.
21	8	0	38	49	29.11	3	35	W	1	Fine.
	2	0	42	49	29.14	8	44	W	1	Cloudy.
22	8	0	33	46	29.49	3	33	W	1	Fine, but hazy.
	2	0	40	54	29.54	11	40	N	1	Fine.
23	8	0	31	48	29.74	6	21	W	1	Fine, hoar frost.
	2	0	38	54	29.78	13	43	W	1	Fine.
24	8	0	29	47	29.88	2	28½	W	1	Fine.
	2	0	48	52	29.96	5	38	NW	1	Fine.
25	8	0	32	47	30.01	1	31	W	1	Fine, rather hazy.
	2	0	44	53	29.95	8	39	W	1	Fine.
26	8	0	37	48	29.66	3	35	NNW	1	Thick fog.
	2	0	43	52	29.73	0	42	NbyW	1	Dark and cloudy.
27	8	0	37	52	29.90	0	37	N	1	Damp, dark and hazy.
	2	0	40	55	29.93	12	44	SW	1	Rain.
28	8	0	34	49	29.89	0	30	N	1	Cloudy.
	2	0	33	54	29.79	9	35	W	1	Cloudy.
29	8	0	47	47	29.57	0	33	S	1	Cloudy.
	2	0	50	53	29.51	0	52	SW	2	Rain.
30	8	0	50	42	29.59	0	51	SSW	1.2	Rain.
	2	0	51	58	29.59	5	52	SW	1	Cloudy.

Rain this Month 0.917 Inches.

METEOROLOGICAL JOURNAL

for December, 1819.

1819	Time.		Therm. without.	Therm. within.	Barom.	Hygrometer.	Six's Therm.	Winds.		Weather.
	H.	M.	°	°	Inches.			Points.	Str.	
Dec.	1	8 0	47	53	29.73	4	47	WbyN	1	Rain
		2 0	48	57	29.94		51	SW	1	Fine.
	2	8 0	47	52	29.98	8	40	S	2	Cloudy.
		2 0	48	59	29.93	0	50	W	1	Rain.
	3	8 0	35	53	30.17	0	34	S	1	Fine, rather hazy.
		2 0	46	57	30.17	11	43	S	1	Fine.
	4	8 0	42	52	29.51	0	40	S	3	Rain.
		2 0	45	57	29.78	0	48	S	2	Rain.
	5	8 0	40	52	29.87	7	41	N	2	Cloudy.
		2 0	47	51	29.92	12	49	N	1	Cloudy.
	6	8 0	37	50	30.04	8	37	E	1.2	Cloudy.
		2 0	39	53	30.07		39	E	1	Cloudy.
	7	8 0	35	58	30.03	3	35	N	1	Cloudy.
		2 0	47	55	30.01	3	52	N	1	Cloudy.
	8	8 0	30	47	30.01	7	31	SSE	1	Cloudy.
		2 0	31	52	30.05	4	52	SSE	1	Fine.
	9	8 0	27	43	30.07	3	26	NE	1	Cloudy.
		2 0	31	49	30.07	10	31	N	1	Cloudy. [the night.
	10	8 0	30	46	29.89	2½	28½	N	1.2	Cloudy, and snow in
		2 0	32	49	29.84	6	32	W	1	Cloudy.
	11	8 0	18	43	30.01		18	W	1	Fine, but hazy.
		2 0	30	48	30.01	15	29	W	1	Fine.
	12	8 0	34	43	29.96	4	32	W	1	Cloudy.
		2 0	36	43	29.88	9	36	N	1	Cloudy.
	13	8 0	28	42	29.78	0	28	N	1	Cloudy.
		2 0	35	48	29.75	3	36	W	1	Cloudy.
	14	8 0	26	43	29.74		25½	W	1	Fine, rather hazy.
		2 0	37	48	29.62	7	38	W	1	Cloudy.
	15	8 0	33	44	29.46	4	31	W	1.2	Fine.
		2 0	43	48	29.46	13	39	W	1	Cloudy.
	16	8 0	32	44	29.81	2	32	W	1	Fine.
		2 0	38	48	29.95	15	41	W	1	Cloudy.

Rain this Month 1.873 Inches.

METEOROLOGICAL JOURNAL

for December, 1819.

1819	Time.	Therm. without.	Therm. within.	Barom.	Hy- gro- me- ter.	Six's Therm.	Winds.		Weather.
	H. M.	°	°	Inches.			Points.	Str.	
Dec. 17	8 0	37	49	29.71	1	34	E	2.3	Rain, a stormy night.
	2 0	43	51	29.45	3	43	E	2	Rain.
18	8 0	51	51	29.35	1	43	W	1	Cloudy.
	2 0	49	54	29.46	11	54	NW	1	Cloudy.
19	8 0	48	53	29.52	5	50	WNW	1	Cloudy.
	2 0	42	53	29.75	9	45	SW	1	Cloudy.
20	8 0	52	53	29.64	0	51	W	1	Rain.
	2 0	50	60	29.64	7	54	W	1	Cloudy.
21	8 0	44	53	29.93	9	44	W	1	Cloudy.
	2 0	45	57	29.89	0	48	SE	1	Rain.
22	8 0	51	56	29.49	5	43	W	2	Cloudy.
	2 0	55	60	29.71	17	54	W	1	Cloudy.
23	8 0	49	56	29.24	7	49	W	1	Cloudy.
	2 0	47	58	29.31	9	49	W	1	Cloudy.
24	8 0	33	52	29.37	1	33	W	1	Fine.
	2 0	49	58	29.33	11	53	W	1	Cloudy.
25	8 0	36	50	29.48	7	32	W	1	Cloudy.
	2 0	36	48	29.39	7	38	W	1	Cloudy.
26	8 0	27	46	29.49	3	28	W	1	Fine.
	2 0	36	47	29.51	18	39	W	1	Fine.
27	8 0	31	45	29.44	5	31	E	1	Fine.
	2 0	35	47	29.45	6	38	ESE	1	Fine.
28	8 0	35	45	29.47	9	31	E	1	Cloudy.
	2 0	33	50	29.48	4	34	E	1	Snow.
29	8 0	28	44	29.61	6	29	SE	1	Cloudy.
	2 0	32	46	29.63	3	34	W	1	Fine, rather hazy.
30	8 0	30	48	29.52	4	24	W	1	Cloudy.
	2 0	32	46	29.46	5	33	W	1	Cloudy.
31	8 0	30	43	29.34	3	29	W	1	Cloudy.
	2 0	38	47	29.35	11	41	W	1	Fine.

Rain this Month 1,873 Inches.

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1819.	Thermometer without.			Thermometer within.			Barometer.*			Leslie's Hygrometer.			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.	Greatest height.	Least height.	Mean height.	
	Deg.	Deg.	Deg.	Deg.	Deg.	Deg.	Inches.	Inches.	Inches.	Deg.	Deg.	Deg.	Deg.	Deg.	Deg.	Inches.
January	52	32	41,8	60	41	51,8	30,49	29,22	29,78	28	2½	11,0	50	32	42,5	0,789
February	51	30	41,9	59	47	52,2	30,04	29,02	29,65	34	3	13,0	58	30	42,5	1,638
March	57	36	46,0	63	46	54,0	30,30	29,21	29,87	50	4	17,1	60	36	46,3	1,010
April	65	39	50,7	69	52	59,1	30,22	29,11	29,78	52	3	19,8	67	38½	51,5	1,694
May	68	48	57,3	65	52	59,7	30,21	29,10	29,73	56	4	21,6	71	40	57,5	1,400
June	70	51	59,7	70	56	61,8	30,28	29,58	29,90	39	3	16,9	72	46½	59,5	1,017
July	75	56	64,6	74	60	66,4	30,21	29,32	29,88	61	8	24,2	81	50½	64,9	0,750
August	75	55	67,0	76	63	68,2	30,31	29,20	29,99	73	5	27,1	80	52	67,2	0,250
September	71	50	60,7	72	56	63,3	30,45	29,47	29,94	56	2	23,4	73	47	60,7	1,320
October	70	34	51,5	70	46	57,3	30,31	29,23	29,79	60	0	14,7	70	32	58,9	1,069
November	56	29	42,9	64	46	52,9	30,08	29,11	29,71	25	0	8,6	60	21	42,7	0,917
December	55	18	38,4	60	42	52,2	30,17	29,24	29,71	17	0	6,0	54	18	38,9	1,873
Whole year			51,9			58,2			29,81			16,8			52,7	13,727

* The quicksilver in the bason 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.