

# METEOROLOGICAL JOURNAL,

KEPT AT THE APARTMENTS

OF THE

## ROYAL SOCIETY,

BY ORDER OF THE

## PRESIDENT AND COUNCIL.

MDCCCXIV.

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## METEOROLOGICAL JOURNAL

for January, 1813.

1813	Time.		Therm. without.	Therm. within.	Barom.	Hygro-meter.	Winds.		Weather.
	H.	M.	°	°	Inches.		Points.	Str.	
Jan. 1	8	0	42	48	29.82	75	W	1	Cloudy.
	4	0	45	49	29.89	75	W	1	Cloudy.
2	9	0	41	48	30.12	76	S	1	Fine.
	4	0	45	50	30.14	75	W	1	Cloudy.
3	9	0	37	49	30.40	77	W	1	Thick and cloudy.
	4	0	42	47	30.30	75	W	1	Cloudy.
4	8	0	46	47	30.37	75	S	1	Cloudy.
	4	0	42	50	30.28	72	SE	1	Cloudy.
5	9	0	37	47	30.08	70	SW	1	Cloudy. Wind in the night.
	4	0	42	50	30.03	72	S	1	Cloudy.
6	8	0	42	48	29.88	76	SW	2	Cloudy.
	4	0	47	51	29.74	76	SW	2	Cloudy.
7	8	0	43	50	29.77	79	W	1	Thick fog.
	4	0	44	53	29.73	77	SW	1	Cloudy.
8	8	0	44	50	29.29	77	W	1,2	Cloudy.
	4	0	44	51	29.39	67	W	1,2	Cloudy.
9	8	0	33	49	29.65	72	W	1	Hazy.
	4	0	40	52	29.79	73	W	1	Cloudy.
10	8	0	33	49	29.92	68	N	1	Fine.
	4	0	37	50	29.92	65	NNE	1	Fine.
11	8	0	34	46	29.71	71	SE	1	Cloudy.
	4	0	38	49	29.68	67	E	1	Cloudy.
12	8	0	32	47	29.81	69	SE	1	Fine.
	4	0	36	49	29.78	66	SE	1	Cloudy.
13	8	0	34	46	29.62	72	SE	1	Cloudy.
	4	0	37	48	29.53	73	SE	1	Rain.
14	8	0	36	45	29.59	75	SE	1	Cloudy.
	4	0	38	49	29.65	75	E	1	Cloudy.
15	8	0	35	48	29.76	75	W	1	Cloudy.
	4	0	38	49	29.88	73	N	1	Cloudy.
16	8	0	34	47	30.05	73	SSE	1	Fine.
	4	0	41	49	30.12	71	S	1	Fine.

Rain this Month 0.36 inches.

METEOROLOGICAL JOURNAL

for January, 1813.

1813	Time.		Therm. without.	Therm. within.	Barom.	Hy-gro-meter.	Winds.		Weather.
	H.	M.	°	°	Inches.		Points.	Str.	
Jan. 17	8	0	34	46	30,20	74	SE	1	Cloudy.
	4	0	37	46	30,23	72	E	1	Cloudy.
18	8	0	32	45	30,17	73	SE	1	Cloudy.
	4	0	34	46	30,09	72	SE	1	Cloudy.
19	8	0	31	44	30,03	73	SE	1	Cloudy. [night.
	4	0	34	47	30,16	73	N	1	Cloudy. Some snow in the
20	8	0	33	44	30,32	72	SE	1	Cloudy.
	4	0	35	47	30,31	71	E	1	Cloudy.
21	8	0	32	44	30,34	70	W	1	Cloudy.
	4	0	35	47	30,39	70	NE	1	Cloudy.
22	8	0	32	45	30,46	70	E	1	Cloudy.
	4	0	32	49	30,49	68	E	1	Fine.
23	8	0	27	45	30,36	71	E	1	Thick and foggy.
	4	0	33	47	30,26	72	W	1	Cloudy.
24	8	0	30	44	30,36	75	E	1	Cloudy. Snow in the night.
	4	0	32	43	30,38	69	E	1	Fine.
25	8	0	29	42	30,44	73	NE	1	Cloudy.
	4	0	34	45	30,45	70	E	1	Cloudy.
26	8	0	34	44	30,45	69	NE	1	Cloudy.
	4	0	37	46	30,44	67	N	1	Cloudy.
27	8	0	34	44	30,46	68	NNE	1	Cloudy.
	4	0	36	47	30,48	70	N	1	Cloudy.
28	8	0	28	42	30,45	72	S	1	Foggy.
	4	0	34	47	30,40	70	NW	1	Fine.
29	8	0	25	44	30,37	72	W	1	Thick and cloudy.
	4	0	34	47	30,34	72	NE	1	Cloudy.
30	8	0	31	45	30,48	75	NE	1	Cloudy.
	4	0	34	46	30,49	69	NE	1	Cloudy.
31	8	0	35	44	30,43	70	NW	1	Cloudy.
	4	0	42	45	30,44	68	N	1	Cloudy.

## METEOROLOGICAL JOURNAL

for February, 1813.

1813	Time.		Therm. without.	Therm. within.	Barom.	Hygrometer.	Winds.		Weather.
	H.	M.	°	°	Inches.		Points.	Str.	
Feb. 1	8	0	34	42	30.45	70	W	1	Thick and cloudy.
	4	0	40	45	30.31	70	N	1	Cloudy.
2	8	0	33	43	30.31	74	E	1	Cloudy.
	4	0	37	47	30.32	71	N	1	Cloudy.
3	8	0	35	45	30.36	72	W	1	Cloudy.
	4	0	42	48	30.39	65	N	1	Cloudy.
4	8	0	38	46	30.45	72	W	1	Cloudy.
	4	0	41	49	30.40	65	NW	1	Cloudy.
5	8	0	37	48	30.22	68	S	1	Cloudy.
	4	0	40	53	30.08	66	S	1,2	Fine. [night.
6	8	0	40	48	29.73	73	SW	2	Rain. Blowed hard in the
	4	0	44	49	29.83	73		1	
7	8	0	43	49	29.93	73	S	1	Fine.
	4	0	41	48	29.97	73		1	Fine.
8	8	0	45	49	29.74	76	SW	2	Cloudy.
	4	0	48	52	29.67	73	W	2	Rain.
9	8	0	44	51	29.63	72	W	1	Fine. [thunder at 2 PM.
	4	0	44	54	29.68	67	W	1	Fine. A storm of hail and
10	8	0	37	50	29.89	71	W	1	Fine.
	4	0	44	53	29.98	62	W	1	Fine.
11	8	0	37	50	30.05	71	W	1	Fine.
	4	0	44	56	29.98	66	S	1	Fine.
12	8	0	44	52	29.69	73	S	2	Rain.
	4	0	49	54	29.61	71	S	2	Rain.
13	8	0	43	52	29.17	72	W	1	Cloudy.
	4	0	45	56	29.27	70	W	1	Cloudy.
14	8	0	45	52	29.27	75	S	2	Rain.
	4	0	49	53	29.18	76	S	2	Rain.
15	8	0	45	51	29.32	73	S	1,2	Fine.
	4	0	49	55	29.33	68	W	2	Cloudy.
16	8	0	43	52	29.26	70	W	1,2	Fine.
	4	0	46	57	29.41	61	SSW	2	Fine.

Rain this Month 1.794 Inches.

## METEOROLOGICAL JOURNAL

for February, 1813.

1813	Time.		Therm. without.	Therm. within.	Barom.	Hygrometer.	Winds.		Weather.
	H.	M.	°	°	Inches.		Points.	Str.	
Feb. 17	8	0	42	53	29.39	70	SW	1	Cloudy.
	4	0	47	55	29.28	70	SW	1	Rain.
18	8	0	46	53	29.34	63	W	2	Fine.
	4	0	48	56	29.60	58	NW	2	Rain.
19	8	0	45	54	29.91	74	SSW	1	Cloudy.
	4	0	50	57	29.74	74	SW	1	Cloudy.
20	8	0	41	54	29.66	71	W	1	Cloudy.
	4	0	48	57	29.95	64	SW	1,2	Fine.
21	8	0	51	54	29.81	74	W	1	Cloudy.
	4	0	53	55	29.75	70	SW	1,2	Cloudy.
22	8	0	48	54	29.68	67	SW	2	Fine.
	4	0	51	56	29.67	67	S	2	Rain.
23	8	0	43	55	29.83	71	W	1	Rain.
	4	0	45	57	29.95	63	NW	1	Fine.
24	8	0	38	52	30.07	70	W	1	Fine.
	4	0	46	56	30.10	65	W	1	Fine.
25	8	0	37	51	30.23	71	W	1	Cloudy.
	4	0	46	54	30.06	70	SW	1,2	Cloudy.
26	8	0	47	54	29.94	71	SW	2	Cloudy.
	4	0	49	55	29.81	70	SW	2	Rain.
27	8	0	39	53	29.96	65	W	1	Fine.
	4	0	46	55	30.14	58	NW	2	Cloudy.
28	8	0	40	52	30.04	69	W	1	Fine.
	4	0	49	55	30.44	60	N	1,2	Fine.

Rain this Month 1.794 Inches.

## METEOROLOGICAL JOURNAL

for March, 1813.

1813	Time.	Therm. without.	Therm. within.	Barom.	Hy- gro- me- ter.	Winds.		Weather.
	H. M.	°	°	Inches.		Points.	Str.	
Mar. 1	8 0	39	51	30,38	70	SW	1,2	Fine.
	4 0	47	55	30,29	65	SW	2	Cloudy.
2	8 0	48	53	30,19	73	W	1	Cloudy.
	4 0	48	57	30,22	66	N	1	Cloudy.
3	8 0	42	53	30,11	70	SW	1	Cloudy.
	4 0	48	55	30,07	66	N	1	Cloudy.
4	8 0	37	52	30,39	68	W	1	Cloudy.
	4 0	50	55	30,38	61	W	1	Cloudy.
5	8 0	46	54	30,33	75	W	1	Thick and cloudy.
	3 0	52	57	30,39	66	W	1	Cloudy.
6	8 0	40	54	30,41	68	W	1	Fine.
	3 0	50	58	30,39	60	NW	1	Fine.
7	8 0	41	53	30,49	68	W	1	Fine.
	3 0	49	53	30,42	61	W	1	Cloudy.
8	7 0	47	53	30,28	67	W	1	Fine, rather hazy.
	3 0	52	58	30,26	63	NW	1	Cloudy.
9	7 0	47	54	30,22	70	W	1	Thick and cloudy.
	3 0	50	57	30,11	65	WNW	1	Cloudy.
10	7 0	40	53	29,95	70	E	1	Rain.
	3 0	42	54	29,92	66	NNW	1	Cloudy.
11	7 0	32	52	30,01	67	NE	1,2	Fine.
	3 0	37	57	30,06	62	N by W	1,2	Fine.
12	7 0	30	50	30,24	65	N	1,2	Fine.
	3 0	36	55	30,29	61	E	1	Cloudy.
13	7 0	30	49	30,34	68	N	1	Hazy.
	3 0	39	52	30,28	60	NW	1	Cloudy.
14	7 0	35	53	30,23	65	S	1	Cloudy.
	3 0	40	48	30,18	69	SW	1	Cloudy.
15	7 0	44	47	30,11	76	SW	1	Cloudy.
	3 0	49	51	30,16	73	S	1	Cloudy.
16	7 0	45	49	30,22	77	S	1	Cloudy.
	3 0	49	53	30,15	76	SE	1	Cloudy. Very dark at 2 PM

Rain this Month 0,558 Inches.

## METEOROLOGICAL JOURNAL

for March, 1813.

1813	Time.		Therm. without.	Therm. within.	Barom.	Hygrometer.	Winds.		Weather.
	H.	M.	°	°	Inches.		Points.	Str.	
Mar. 17	7	0	38	50	30.07	74	NNE	1	Fine.
	3	0	50	58	29.96	59	N	1	Fine.
18	7	0	38	50	29.93	71	NW	1	Cloudy.
	3	0	55	58	29.92	63	NE	1	Fine.
19	7	0	45	54	29.94	71	W	1	Cloudy.
	3	0	51	58	29.87	61	E	1	Fine.
20	7	0	47	55	29.75	71	S	2	Cloudy.
	3	0	49	55	29.73	65	S	1	Cloudy.
21	7	0	42	53	29.96	69	S	1	Fair.
	3	0	49	53	29.93	62	S	2	Cloudy.
22	7	0	49	53	29.76	74	S	2	Cloudy.
	3	0	53	57	29.80	60	W	1	Fine.
23	7	0	38	52	30.30	67	W	1	Cloudy.
	3	0	48	63	30.34	55	N	1	Fine.
24	7	0	40	52	30.32	64	W	1	Cloudy and hazy.
	3	0	45	60	30.29	69	NW	1	Cloudy.
25	7	0	45	53	30.06	76	W	1	Rain.
	3	0	46	57	30.22	70	N	1	Cloudy.
26	7	0	42	54	30.44	68	N	1	Cloudy.
	3	0	48	59	30.46	59	N	1	Fine.
27	7	0	38	49	30.59	69	SW	1	Fine.
	3	0	53	58	30.53	60	N	1	Cloudy.
28	7	0	45	55	30.51	72	W	1	Fine.
	3	0	59	57	30.43	63	W	1	Cloudy.
29	7	0	53	56	30.38	72	W	1	Cloudy.
	3	0	58	58	30.28	65	SW	1	Cloudy.
30	7	0	51	56	30.15	69	W	1	Hazy.
	3	0	51	59	30.11	69	NE	1	Cloudy.
31	7	0	45	56	29.96	68	SE	1	Cloudy and foggy.
	3	0	52		29.82	56	N	1	Fine.

Rain this Month 0.558 Inches.

## METEOROLOGICAL JOURNAL

for April, 1813.

1813	Time.		Therm. without.	Therm. within.	Barom.	Hy-gro-meter.	Winds.		Weather.
	H.	M.	°	°	Inches.		Points.	Str.	
Apr. 1	7	0	43	56	29,31	68	SSW	1	Rain.
	3	0	45	58	29,26	68	SW	1	Cloudy.
2	7	0	38	55	29,33	68	WSW	1	Fine.
	3	0	44	60	29,45	63	W	1	Fine.
3	7	0	36	54	29,56	66	SW	1	Cloudy.
	3	0	43	57	29,64	58	W	1	Fine.
4	7	0	37	53	29,83	66	W	1	Fine.
	3	0	44	56	29,86	58	N	1	Cloudy.
5	7	0	39	50	29,92	65	W	1	Rain.
	3	0	47	49	29,82	70	W	1	Rain.
6	7	0	47	52	29,85	75	SW	1	Cloudy.
	3	0	55	56	29,92	67	NNE	1	Cloudy.
7	7	0	47	54	30,02	71	NW	1	Cloudy.
	3	0	55	57	29,99	63	SSW	1	Cloudy.
8	7	0	49	55	29,98	70	E	0	Thick and cloudy.
	3	0	57	62	29,95	62	SE	1	Fine.
9	7	0	47	58	30,04	70	SW	0,1	Hazy.
	3	0	59	65	30,06	56	SW	0,1	Fair.
10	7	0	51	58	30,14	69	NE	0,1	Fine.
	3	0	63	60	30,16	63	E	1	Fine.
11	7	0	48	58	30,19	70	E	1	Cloudy.
	3	0	56	62	30,16	61	E	1	Fair.
12	7	0	43	57	30,17	68	E	1	Hazy and cloudy.
	3	0	63	63	30,16	62	SE	1	Fine.
13	7	0	50	59	30,32	68	NE	1	Fine.
	3	0	60	65	30,36	57	NE	1	Fair.
14	7	0	47	57	30,42	67	SE	1	Cloudy.
	3	0	57	61	30,32	60	E	1	Fair.
15	7	0	48	57	30,23	66	SW	1	Hazy.
	3	0	54	63	30,11	62	NW	1	Fine.
16	7	0	54	59	30,13	69	N	1	Cloudy.
	3	0	61	62	30,00	57	NW	1	Fine.

Rain this Month 1,114 Inches.



## METEOROLOGICAL JOURNAL

for April, 1813.

1813	Time.		Therm. without.	Therm. within.	Barom.	Hygro-meter.	Winds.		Weather.
	H.	M.	°	°	Inches.		Points.	Str.	
Apr. 17	7	0	52	58	29,87	70	W	1	Cloudy.
	3	0	53	62	29,80	61	WNW	1	Fine.
18	7	0	44	58	30,16	60	NE	1	Fair.
	3	0	53	60	30,21	50	NW	1	Fair.
19	7	0	53	57	30,14	65	NW	1	Fine.
	3	0	60	60	30,13	61	SE	1	Cloudy.
20	7	0	53	58	30,17	63	NW	1	Hazy.
	3	0	60	62	30,13	55	NW	1	Cloudy.
21	7	0	49	58	30,12	64	N by E	1	Fine.
	3	0	55	60	30,07	57	NW	1	Cloudy.
22	7	0	42	56	30,14	61	N	1	Fine.
	3	0	46	57	30,07	65	N	1	Cloudy.
23	7	0	40	55	30,14	65	NE	1	Cloudy.
	3	0	43	57	30,16	57	E	1	Cloudy.
24	7	0	40	54	30,16	59	E	1	Cloudy.
	3	0	40	52	30,09	63	E	1	Cloudy.
25	7	0	41	51	30,03	68	N	1	Rain.
	3	0	49	52	29,93	69	E	1	Rain.
26	7	0	46	51	29,76	76	E	1	Cloudy.
	3	0	52	56	29,78	60	S	1	Fine.
27	7	0	45	52	29,66	74	NE	1	Rain.
	3	0	48	52	29,46	75	N	1	Cloudy.
28	7	0	45	52	29,43	76	NE	1	Rain.
	3	0	47	53	29,46	72	N	1	Cloudy.
29	7	0	43	52	29,63	74	N	1	Cloudy.
	3	0	45	52	29,65	65	N	2	Cloudy.
30	7	0	40	51	29,65	75	E	1	Rain.
	3	0	47	52	29,67	75	E	1	Cloudy.

Rain this Month 1,114 Inches.

## METEOROLOGICAL JOURNAL

for May, 1813.

1813	Time.	Therm. without.	Therm. within.	Barom.	Hy- gro- me- ter.	Winds.		Weather.	
	H. M.	°	°	Inches.		Points.	Str.		
May	1	7 °	45	52	29,68	77	E	1	Rain.
		3 °	49	52	29,68	75	E	1	Cloudy
	2	7 °	47	52	29,74	76	E	1	Cloudy.
		3 °	52	52	29,81	71	N	1	Cloudy.
	3	7 °	49	52	29,84	76	SE	1	Cloudy.
		3 °	59	56	29,82	61	E	1	Fine.
	4	7 °	54	54	29,80	75	E	1	Rain.
		3 °	61	56	29,81	70	W	1	Cloudy.
	5	7 °	54	55	29,98	76	NE	1	Cloudy.
		3 °	61	58	29,98	63	N	1	Fine.
	6	7 °	52	56	29,99	74	NE	1	Cloudy.
		3 °	61	60	29,84	66	E	1	Cloudy.
	7	7 °	55	58	29,78	80	S	1	Cloudy.
		3 °	60	61	29,77	60	W	1	Fine.
	8	7 °	52	57	29,76	72	E	1	Cloudy.
		3 °	63	59	29,68	61	E	1	Cloudy.
	9	7 °	56	58	29,65	67	E	1	Cloudy.
		3 °	61	62	29,68	59	E	1	Fine.
	10	7 °	56	59	29,83	70	W	1	Cloudy.
		3 °	63	61	29,86	60	W	1	Cloudy.
	11	7 °	55	59	29,99	67	W	1	Cloudy.
		3 °	62	60	29,96	60	S	1	Rain.
	12	7 °	57	59	29,67	70	W	1	Rain.
		3 °	62	62	29,68	60	W	2	Fine.
	13	7 °	56	60	29,73	64	W	1	Fine.
		3 °	60	62	29,64	62	S	1	Cloudy.
	14	7 °	54	60	29,56	67	S	1	Cloudy.
		3 °	60	61	29,49	59	S	1	Cloudy.
	15	7 °	54	60	29,54	65	SW	1,2	Cloudy.
		3 °	60	61	29,61	63	S	1	Cloudy.
	16	7 °	50	59	29,65	66	S	2	Rain.
		3 °	58	61	29,52	59	W	2	Cloudy.

Rain this Month 2,630 Inches.

METEOROLOGICAL JOURNAL

for May, 1813.

1813	Time.		Therm. without.	Therm. within.	Barom.	Hygro-meter.	Winds.		Weather.
	H.	M.	°	°	Inches.		Points.	Str.	
May 17	7	0	52	58	29.82	65	NW	2	Cloudy.
	3	0	59	60	29.89	58	NW	1	Cloudy.
18	7	0	50	58	29.75	70	N	1	Rain.
	3	0	56	59	29.83	63	NE	1	Cloudy.
19	7	0	53	58	29.90	67	S	1	Cloudy.
	3	0	59	61	29.76	65	W	1	Cloudy.
20	7	0	57	58	29.59	67	W	1	Rain.
	3	0	59	59	29.47	63	W	1	Rain.
21	7	0	49	57	29.53	61	E	2	Fine.
	3	0	45	58	29.49	66	SW	2	Rain.
22	7	0	52	56	29.62	62	SW	1	Fine.
	3	0	55	57	29.65	60	E	1	Fine.
23	7	0	49	56	29.69	66	W	1	Fine.
	3	0	53	57	29.60	65	SW	1	Rain.
24	7	0	51	56	29.49	66	W	1	Fine.
	3	0	58	58	29.54	56	NW	1	Fine.
25	7	0	51	56	29.69	60	NW	1	Fine.
	3	0	56	57	29.70	64	SW	1	Cloudy.
26	7	0	54	56	29.60	66	W	1	Rain.
	3	0	53	58	29.79	62	NW	1	Hail, thunder, and lightning.
27	7	0	50	55	30.09	63	W	1	Fine.
	3	0	58	57	30.14	57	SW	1	Fine.
28	7	0	52	56	30.15	65	E	1	Fine.
	3	0	61	60	30.04	55	SE	1	Fine.
29	7	0	55	58	29.92	68	E	1	Fine.
	3	0	62	60	29.99	68	E	1	Cloudy.
30	7	0	62	59	30.07	65	E	1	Cloudy.
	3	0	62	60	30.05	63	E	1	Cloudy.
31	7	0	63	60	30.07	65	W	1	Cloudy.
	3	0	66	64	30.06	59	S	1	Fine.

## METEOROLOGICAL JOURNAL

for June, 1813.

1813	Time.		Therm. without.	Therm. within.	Barom.	Hygrometer.	Winds.		Weather.
	H.	M.	°	°	Inches.		Points.	Str.	
June	1	7 0	62	62	30.11	57	NW	1	Fine.
		3 0	69	66	30.07	54	SE	0,1	Fine.
	2	7 0	64	63	29.99	65	NE	1	Cloudy.
		3 0	70	69	29.97	60	E	1	Fine.
	3	7 0	61	65	30.06	62	W	1	Fine.
		3 0	70	67	30.14	62	N	1	Cloudy.
	4	7 0	57	64	30.29	61	NW	1	Cloudy.
		3 0	63	64	30.22	59	N	1	Cloudy.
	5	7 0	56	59	30.30	60	N	1	Fine.
		3 0	59	62	29.96	62	N	1	Cloudy.
	6	7 0	53	61	29.84	64	N	1	Hazy.
		3 0	55	59	29.76	60	NE	1	Cloudy.
	7	7 0	53	57	29.78	64	N	1	Cloudy.
		3 0	62	62	29.81	55	E	1	Fine.
	8	7 0	56	60	29.82	63	E	1	Fine.
		3 0	56	64	29.75	63	E	1	Fine.
	9	7 0	58	60	29.59	67	E	1	Cloudy.
		3 0	63	62	29.53	63	SW	1	Fine.
	10	7 0	58	61	29.61	66	W	1	Cloudy.
		3 0	68	65	29.71	52	W	1	Fine.
	11	7 0	58	62	29.93	62	SW	1	Fair.
		3 0	65	64	29.93	54	SSW	1	Fine.
	12	7 0	61	62	29.83	63	S	1	Cloudy.
		3 0	60	63	30.00	58	W	1	Fine.
	13	7 0	58	62	30.10	61	W	1	Fine.
		3 0	66	63	30.12	55	W	1	Cloudy.
	14	7 0	58	62	30.08	64	W	1	Cloudy.
		3 0	56	62	29.92	63	SW	1	Rain.
	15	7 0	56	62	29.73	65	W	1	Cloudy.
		3 0	56	65	29.73	65	W	1	Fine.
	16	7 0	56	62	30.00	62	N	1	Cloudy.
		3 0	62	65	30.01	53	W	1	Fine.

Rain this Month 1.351 Inches.

## METEOROLOGICAL JOURNAL

for June, 1813.

1813	Time.		Therm. without.	Therm. within.	Barom.	Hygrometer.	Winds.		Weather.
	H.	M.	°	°	Inches.		Points.	Str.	
June 17	7	0	54	61	30,05	61	NW	1	Fine.
	3	0	58	61	30,06	57	N	1	Rain.
18	7	0	51	60	30,11	66	N	1	Cloudy.
	3	0	59	62	30,09	55	NE	1	Fine.
19	7	0	51	59	30,17	64	N	1	Cloudy.
	3	0	54	60	30,15	61	N	1	Cloudy.
20	7	0	52	59	30,07	61	N	1	Fine.
	3	0	60	59	30,07	55	N by W	1	Cloudy.
21	7	0	53	58	30,27	63	N	1	Fine.
	3	0	60	60	30,26	54	N	1	Fine.
22	7	0	55	59	30,23	63	NNE	1	Cloudy.
	3	0	61	61	30,22	57	N	2	Cloudy.
23	7	0	52	59	30,28	60	N	1	Fine.
	3	0	62	62	30,23	54	N	1	Fair.
24	7	0	58	60	30,13	64	N	1	Cloudy.
	3	0	63	61	30,21	61	NE	1	Cloudy.
25	7	0	57	60	30,30	65	E	1	Cloudy.
	3	0	64	63	30,26	58	ESE	1	Fine.
26	7	0	55	61	30,28	67	E	1	Fine.
	3	0	65	64	30,19	58	S	1	Fine.
27	7	0	58	61	30,19	65	N	1	Fine.
	3	0	65	65	30,11	56	E	1	Cloudy.
28	7	0	54	61	30,08	65	NW	1	Cloudy.
	3	0	63	62	29,98	63	SSE	1	Rain.
29	7	0	57	62	29,88	67	SW	1	Fine.
	3	0	63	63	29,79	62	SSE	1	Cloudy. Thunder at 1 PM.
30	7	0	51	61	29,72	67	W	1	Rain.
	3	0	56	61	29,66	68	S	2	Rain.

Rain this Month 1,351 Inches.

## METEOROLOGICAL JOURNAL

for July, 1813.

1813	Time.		Therm. without.	Therm. within.	Barom.	Hygro-meter.	Winds.		Weather.
	H.	M.	°	°	Inches.		Points.	Str.	
July	1	7 0	57	61	29,73	69	W	1	Cloudy.
		3 0	62	61	29,78	64	W	1	Cloudy.
	2	7 0	58	61	29,83	63	W	1	Fine.
		3 0	57	62	29,87	57	NW	1	Cloudy.
	3	7 0	53	60	29,97	67	NNE	1	Cloudy.
		3 0	60	61	30,08	60	N	1	Cloudy.
	4	7 0	52	59	30,23	62	N	1	Fine.
		3 0	63	61	30,24	56	N	1	Cloudy.
	5	7 0	55	60	30,29	65	N	1	Fine.
		3 0	63	62	30,26	54	NW	1	Fine.
	6	7 0	60	61	30,16	62	S	1	Fine.
		3 0	62	62	30,07	59	S	1	Fine.
	7	7 0	62	62	29,85	59	S	1	Fair.
		3 0	68	66	29,70	54	S	1	Cloudy.
	8	7 0	60	63	29,75	63	SW	1	Cloudy.
		3 0	65	64	29,73	59	S	1	Cloudy.
	9	7 0	58	63	29,66	65	W	1	Fine.
		3 0	68	67	29,66	53	W	1	Fine.
	10	7 0	62	64	29,90	64	E	1	Cloudy and hazy.
		3 0	69	67	29,96	53	W	1	Fine.
	11	7 0	59	64	30,02	64	NE	1	Fine.
		3 0	67	65	30,01	59	N	1	Cloudy.
	12	7 0	60	64	29,99	65	W	1	Fair.
		3 0	69	67	29,93	54	W by N	1	Fair.
	13	7 0	58	65	29,87	67	W	1	Cloudy.
		3 0	66	66	29,83	60	SW	1	Cloudy.
	14	7 0	60	64	29,74	66	W	1	Cloudy.
		3 0	66	65	29,71	61	W	1	Cloudy.
	15	7 0	59	64	29,68	68	W	1	Rain.
		3 0	61	65	29,70	67	N	1	Rain.
	16	7 0	55	64	29,82	68	W	1	Fine.
		3 0	65	66	29,86	56	W	1	Fine.

Rain this Month 2,092 Inches.

## METEOROLOGICAL JOURNAL

for July, 1813.

1813	Time.		Therm. without.	Therm. within.	Barom.	Hy- gro- me- ter.	Winds.		Weather.
	H.	M.	°	°	Inches.		Points.	Str.	
July 17	7	0	59	59	29.98	66	W	1	Fine.
	3	0	66	66	29.94	58	SSW	1	Cloudy.
18	7	0	55	64	29.98	67	W	1	Fair.
	3	0	68	66	29.97	54	SW	1	Cloudy.
19	7	0	61	63	29.85	62	SE	1	Cloudy.
	3	0	66	65	29.76	60	ESE	1	Cloudy.
20	7	0	62	64	29.64	69	E	1	Cloudy.
	3	0	68	68	29.61	55	E	1	Fine.
21	7	0	60	65	29.61	67	NE	1	Cloudy.
	3	0	63	65	29.67	64	N	1	Cloudy.
22	7	0	59	65	29.67	69	SW	1	Cloudy.
	3	0	66	66	29.64	60	S	1	Cloudy.
23	7	0	59	64	29.60	66	W	1	Cloudy.
	3	0	66	66	29.58	67	W	1	Cloudy.
24	7	0	50	64	29.58	67	W	1	Cloudy.
	3	0	64	65	29.62	65	S	1	Rain.
25	7	0	63	65	29.54	71	W	1	Cloudy.
	3	0	68	67	29.54	59	W	1	Fine.
26	7	0	59	64	29.66	64	W	1	Fine.
	3	0	63	65	29.67	67	W	1	Fine.
27	7	0	57	64	29.90	68	W	1	Cloudy.
	3	0	67	66	29.97	60	W	1,2	Cloudy.
28	7	0	58	64	30.19	68	N	1	Cloudy.
	3	0	68	67	30.21	57	S	1	Fine.
29	7	0	58	65	30.28	65	W	1	Fair.
	3	0	69	70	30.24	56	E	1	Fair.
30	7	0	63	66	30.09	68	E	1	Hazy.
	3	0	73	73	29.97	55	S	1	Fair.
31	7	0	61	69	30.03	63	NW	1	Fair.
	3	0	71	70	30.05	56	W	1	Cloudy.

Rain this Month 2.092 Inches.

## METEOROLOGICAL JOURNAL

for August, 1813.

1813	Time.		Therm. without.	Therm. within.	Barom.	Hygro-meter.	Winds.		Weather.
	H.	M.	°	°	Inches.		Points.	Str.	
Aug. 1	7	0	62	67	30,10	61	W	1	Fine.
	3	0	69	68	30,11	56	W	1	Cloudy.
2	7	0	60	67	30,06	65	W	1	Cloudy.
	3	0	69	68	30,01	57	W	1	Cloudy.
3	7	0	63	67	29,93	67	W	1	Cloudy.
	3	0	68	69	29,87	58	SW	1	Fine.
4	7	0	59	66	29,92	65	W	1,2	Cloudy.
	3	0	67	68	29,89	54	NW	1	Cloudy.
5	7	0	59	66	29,74	65	SE	1	Cloudy.
	3	0	66	67	29,55	60	SW	2	Cloudy.
6	7	0	61	65	29,67	65	W	1	Cloudy.
	3	0	66	67	29,82	58	W	2	Cloudy.
7	7	0	57	65	30,01	65	N	1	Fine.
	3	0	68	70	30,02	53	W	1	Fine.
8	7	0	61	66	30,03	64	W	1	Cloudy.
	3	0	68	67	30,01	58	N	1	Cloudy.
9	7	0	58	66	30,03	65	N	1	Fine.
	3	0	65	69	30,11	57	N	1	Cloudy.
10	7	0	58	66	30,22	65	W	1	Fine.
	3	0	67	67	30,22	58	WNW	1	Cloudy.
11	7	0	62	66	30,21	62	SW	1	Cloudy.
	3	0	69	68	30,17	57	SSW	1	Cloudy.
12	7	0	62	66	30,12	62	W	1	Fair.
	3	0	70	72	30,04	55	W	1	Fine.
13	7	0	62	67	30,11	65	WNW	1	Hazy.
	3	0	65	70	30,17	57	N	1,2	Cloudy.
14	7	0	57	66	30,24	63	W	1	Fine.
	3	0	67	67	30,11	55	W	1	Cloudy.
15	7	0	63	66	29,96	65	NW	1	Hazy.
	3	0	68	69	29,95	54	NW	1	Fine.
16	7	0	62	66	29,92	59	NW	1	Fine.
	3	0	65	66	29,92	54	NW	1	Cloudy.

Rain this Month 0,565 Inches.



## METEOROLOGICAL JOURNAL

for August, 1813.

1813	Time.		Therm. without.	Therm. within.	Barom.	Hygro- meter.	Winds.		Weather.
	H.	M.	°	°	Inches.		Points.	Str.	
Aug. 17	7	0	59	65	29.95	65	W	1	Cloudy.
	3	0	67	66	29.92	57	N	1	Cloudy.
18	7	0	58	65	29.95	68	W	1	Hazy.
	3	0	67	68	29.95	57	W	1	Cloudy.
19	7	0	57	65	30.16	62	W	1	Fine.
	3	0	64	68	30.20	53	N	1	Fine.
20	7	0	56	64	30.29	61	W	0, 1	Fine.
	3	0	64	67	30.23	51	NE	1	Fine.
21	7	0	50	63	30.26	62	W	1	Fine.
	3	0	57	62	30.12	57	W	1	Fine.
22	7	0	56	62	29.97	61	W	1	Cloudy.
	3	0	62	63	29.86	60	NW	1	Cloudy.
23	7	0	51	61	30.04	64	W	1	Fine.
	3	0	55	65	30.16	62	NE	2	Fine.
24	7	0	51	62	30.32	64	NE	1	Fair.
	3	0	63	64	30.32	55	E	1	Cloudy.
25	7	0	55	61	30.38	62	NE	0	Hazy.
	3	0	63	64	30.34	56	NE	1	Cloudy.
26	7	0	57	62	30.33	63	NE	1	Fine.
	3	0	63	65	30.29	56	E	1	Cloudy.
27	7	0	56	62	30.27	65	N	1	Cloudy.
	3	0	61	64	30.26	65	N	1	Cloudy.
28	7	0	56	62	30.20	64	NE	1	Cloudy.
	3	0	60	62	30.20	60	E	1	Cloudy.
29	7	0	57	61	30.22	72	NE	1	Cloudy.
	3	0	62	63	30.24	63	N	1	Cloudy.
30	7	0	54	61	30.33	65	NNE	1	Cloudy.
	3	0	63	63	30.29	56	N	1	Cloudy.
31	7	0	57	61	30.31	67	E	1	Cloudy.
	3	0	63	64	30.21	60	E	1	Cloudy.

Rain this Month 0, 565 Inches.

## METEOROLOGICAL JOURNAL

for September, 1813.

1813	Time.		Therm. without.	Therm. within.	Barom.	Hygrometer.	Winds.		Weather.
	H.	M.	°	°	Inches.		Points.	Str.	
Sept.	1	7 0	56	61	30.03	69	N	1	Cloudy.
		3 0	63	63	29.88	61	E	1	Cloudy.
	2	7 0	58	62	29.77	70	S	1	Fine.
		3 0	62	64	29.84	62	W	1	Fine.
	3	7 0	56	61	29.93	72	SSE	1	Fine.
		3 0	64	67	29.89	61	S	1	Cloudy.
	4	7 0	61	63	29.77	69	S	2,3	Cloudy.
		3 0	63	64	29.71	68	SSW	1	Cloudy.
	5	7 0	58	62	29.66	73	SW	0	Rain.
		3 0	62	69	29.65	58	SW	1	Fine.
	6	7 0	56	62	29.12	72	E	2	Rain.
		3 0	58	70	29.35	58	W	2	Fine.
	7	7 0	53	61	29.44	53	W	1	Fine.
		3 0	57	63	29.53	61	NNW	2	Rain.
	8	7 0	47	59	29.65	66	W	1	Fine.
		3 0	52	60	29.67	63	NW	1	Cloudy.
	9	7 0	45	58	29.82	68	W	1	Hazy.
		3 0	57	74	29.99	56	N	1	Fine.
	10	7 0	47	58	30.23	66	W	1	Fine.
		3 0	58	67	30.30	57	W	1	Fine.
	11	7 0	54	59	30.26	67	W	1	Fine.
		3 0	62	66	30.21	60	W	1	Fine.
	12	7 0	58	60	30.11	70	W	1	Fine.
		3 0	63	66	30.00	59	SW	1	Fine.
	13	7 0	53	60	30.03	65	W	1	Fair.
		3 0	61	64	30.05	56	W	1,2	Cloudy.
	14	7 0	52	60	30.02	67	W	1	Fair.
		3 0	60	64	30.07	56	NW	1	Fine.
	15	7 0	47	59	30.19	67	W	1	Fine.
		3 0	61	63	30.18	59	SW	1	Cloudy.
	16	7 0	58	61	30.17	69	W	1	Cloudy.
		3 0	63	64	30.21	61	SW	1	Fine.

Rain this Month 0.861 Inches.

## METEOROLOGICAL JOURNAL

for September, 1813.

1813	Time.		Therm. without.	Therm. within.	Barom.	Hygro-meter.	Winds.		Weather.
	H.	M.	°	°	Inches.		Points.	Str.	
Sept. 17	7	0	56	61	30,30	70	N	1	Hazy.
	3	0	63	64	30,32	60	S	1	Cloudy.
18	7	0	57	62	30,28	68	E	1	Cloudy.
	3	0	63	63	30,17	62	E	1	Cloudy.
19	7	0	54	61	30,08	67	E	1	Fair.
	3	0	61	63	30,03	60	E	1	Fine.
20	7	0	53	60	29,99	69	E	1	Fine.
	3	0	60	66	29,97	60	E	1	Fine.
21	7	0	52	61	29,97	70	N	1	Cloudy.
	3	0	63	62	29,96	60	N	1	Cloudy.
22	7	0	54	61	29,99	72	N	1	Cloudy.
	3	0	61	63	30,01	63	N	1	Fine.
23	7	0	52	61	30,05	73	NE	1	Cloudy.
	3	0	60	62	30,00	64	NE	1	Cloudy.
24	7	0	55	60	30,08	70	N	1	Cloudy.
	3	0	60	63	30,16	61	E	1	Fine.
25	7	0	52	59	30,25	69	N	1	Fine.
	3	0	58	60	30,20	62	E	1	Cloudy.
26	7	0	54	60	30,11	71	N	1	Cloudy.
	3	0	60	62	30,14	60	E	1	Fine.
27	7	0	52	58	30,10	65	N	1	Fine.
	3	0	60	61	30,03	61	E	1	Fair.
28	7	0	53	59	30,01	73	N	1	Hazy.
	3	0	57	60	30,03	61	N	1	Cloudy.
29	7	0	50	57	30,15	65	N	1	Cloudy.
	3	0	57	57	30,18	56	NE	1	Fine.
30	7	0	52	61	30,23	65	N	1	Cloudy.
	3	0	58	50	30,16	57	E	1	Fine.

Rain this Month 0,861 Inches.

## METEOROLOGICAL JOURNAL

for October, 1813.

1813	Time.		Therm. without.	Therm. within.	Barom.	Hygrometer.	Winds.		Weather.
	H.	M.	°	°	Inches.		Points.	Str.	
Oct.	1	8 0	47	56	29.91	68	N	1	Cloudy.
		3 0	60	60	29.79	61	E	1	Cloudy.
	2	8 0	49	55	29.75	67	N	1	Cloudy.
		3 0	55	57	29.74	64	E	1	Cloudy.
	3	8 0	51	56	29.78	65	N	1	Cloudy.
		3 0	57	59	29.32	62	E	1	Fair.
	4	8 0	50	56	29.88	70	E	1	Rain.
		3 0	57	58	29.73	77	SE	1	Rain.
	5	8 0	58	59	29.72	73	W	1	Cloudy.
		3 0	62	61	29.81	60	W	1	Fair.
	6	8 0	57	59	29.87	73	SE	1	Cloudy.
		3 0	61	60	29.87	65	E	1	Cloudy. [der in the night.
	7	8 0	60	61	29.57	81	S	1	Cloudy. Much rain and thun-
		3 0	59	61	29.49	81	W	1	Rain.
	8	8 0	53	59	29.82	73	W	1	Fine.
		3 0	58	60	29.60	75	W	1	Cloudy.
	9	8 0	56	59	29.48	71	W	1	Cloudy.
		3 0	60	63	29.52	59	NW	1	Fine.
	10	8 0	54	58	29.51	70	SW	1	Rain.
		3 0	58	61	29.44	64	SW	1	Cloudy. [the night.
	11	8 0	51	57	28.98	68	NW	2	Rain. Much wind and rain in
		3 0	56	58	29.34	61	W	1	Cloudy.
	12	8 0	46	56	29.79	72	W	1	Fine.
		3 0	55	57	29.80	65	S	1	Cloudy. [the night.
	13	8 0	55	57	29.42	73	W	2,3	Rain. Much wind and rain in
		3 0	51	58	29.61	60	N	2	Cloudy.
	14	8 0	40	53	29.54	70	NNW	1	Fine.
		3 0	48	55	29.69	61	W	1	Fine.
	15	8 0	45	52	29.61	67	SW	1	Cloudy.
		3 0	49	53	29.39	70	SW	1	Rain.
	16	8 0	43	51	29.24	70	W	1	Fine.
		3 0	48	53	28.9	70	E	1	Rain.

## METEOROLOGICAL JOURNAL

for October, 1813.

1813	Time.		Therm. without.	Therm. within.	Barom.	Hygro- me- ter.	Winds.		Weather.
	H.	M.	°	°	Inches.		Points.	Str.	
Oct. 17	8	0	50	52	28.67	69	W	2	Cloudy.
	3	0	50	53	28.74	70	N	1	Rain.
18	8	0	39	50	29.34	70	W	0, 1	Fine.
	3	0	49	53	29.50	62	W	1	Cloudy.
19	8	0	36	44	29.67	70	E	1	Fine.
	3	0	49	52	29.73	63	E	1	Fair.
20	8	0	41	49	29.70	72	E	1	Cloudy.
	3	0	50	53	29.59	70	E	1, 2	Cloudy.
21	8	0	47	51	29.49	75	E	1	Rain.
	3	0	52	54	29.66	70	S	1	Fine.
22	8	0	50	53	29.79	75	W	1	Cloudy.
	3	0	54	57	29.79	71	E	1	Fine.
23	8	0	51	54	29.91	74	NE	1	Cloudy.
	3	0	53	56	29.94	69	E	1	Cloudy.
24	8	0	51	55	29.92	73	E	1	Cloudy.
	3	0	52	54	29.86	71	E	1	Cloudy.
25	8	0	48	53	29.85	72	N	1	Cloudy.
	3	0	50	57	29.90	65	E	1	Fine.
26	8	0	41	51	30.13	68	NE	1	Cloudy.
	3	0	45	53	30.15	61	N	1	Fair.
27	8	0	41	49	29.90	63	N	1	Cloudy.
	3	0	42	53	29.85	69	NE	1	Cloudy.
28	8	0	38	49	29.81	71	N	1	Fine.
	3	0	43	53	29.85	72	NE	1, 2	Rain.
29	8	0	37	48	29.94	71	NE	1	Fine.
	3	0	44	52	29.94	69	N	1	Fine.
30	8	0	33	47	29.75	70	W	1	Foggy.
	3	0	46	51	29.50	68	S	2	Cloudy.
31	8	0	37	48	29.03	64	W	1	Fine.
	3	0	49	52	29.03	64	W	1	Fine.

Rain this Month 3.387 Inches.

## METEOROLOGICAL JOURNAL

for November, 1813.

1813	Time.		Therm. without.	Therm. within.	Barom.	Hy- gro- me- ter.	Winds.		Weather.
	H.	M.	°	°	Inches.		Points.	Str.	
Nov. 1	8	0	38	48	29.29	72	WNW	1	Fine.
	3	0	46	49	29.44	62	NW	1	Fine.
2	8	0	37	48	29.74	71	W	1	Fine.
	3	0	45	52	29.60	70	NW	1	Rain.
3	8	0	44	49	29.86	69	NNE	1	Fine.
	3	0	47	53	30.09	65	N	1	Fine.
4	8	0	35	48	30.35	69	W	1	Fine.
	3	0	43	54	30.35	65	W	1,2	Hazy.
5	8	0	37	50	30.34	69	E	0	Thick fog.
	3	0	46	55	30.30	66	S	1	Cloudy.
6	8	0	38	50	30.07	70	E	1	Hazy.
	3	0	44	53	29.92	64	S	1	Fine.
7	8	0	42	49	29.73	70	E	0	Cloudy.
	3	0	44	50	29.76	73	S	1	Cloudy.
8	8	0	47	50	29.40	73	SW	1	Cloudy.
	3	0	49	55	29.41	66	S	2	Rain, thunder, and lightning.
9	8	0	44	51	29.47	69	W	1	Fine.
	3	0	49	56	29.61	62	SW	2	Rain.
10	8	0	46	52	29.71	70	SSE	1	Cloudy.
	3	0	49	56	29.54	69		1	Cloudy.
11	8	0	46	53	29.68	69	W	1	Hazy.
	3	0	50	58	29.75	64	W	1	Fine.
12	8	0	52	56	29.60	69	W	2	Cloudy.
	3	0	49	58	29.53	72	W	1	Rain.
13	8	0	37	52	29.54	70	W	1	Fine.
	3	0	45	55	29.54	66	N	1	Fine.
14	8	0	34	50	29.61	71	W	0	Hazy.
	3	0	43	53	29.62	69	W	0	Fine.
15	8	0	41	50	29.20	68	W	1	Cloudy.
	3	0	46	54	29.24	64	W	1	Cloudy.
16	8	0	36	49	29.43	67	W	1	Fine.
	3	0	43	52	29.42	64	W	1,2	Cloudy.

Rain this Month 0.947 Inches.

## METEOROLOGICAL JOURNAL

for November, 1813.

1813	Time.		Therm. without.	Therm. within.	Barom.	Hygrometer.	Winds.		Weather.
	H.	M.	°	°	Inches.		Points.	Str.	
Nov. 17	8	0	38	49	29.07	68	NW	2	Rain. Wind and rain in the [night.
	3	0	37	52	29.21	70	NW	1	
18	8	0	35	48	29.49	70	W	1	Fine.
	3	0	42	52	29.64	65	W	1	Fine.
19	8	0	39	49	29.72	70	S	1	Rain.
	3	0	48	53	29.66	75	NW	1	Rain.
20	8	0	48	53	29.77	75	W	1	Fine.
	3	0	53	56	29.86	70	SW	1	Fine.
21	8	0	49	53	29.92	72	S	1	Cloudy.
	3	0	51	54	29.93	66	SSE	1	Cloudy.
22	8	0	48	53	29.93	74	SE	1	Cloudy.
	3	0	52	56	29.95	70	S	1	Fine.
23	8	0	41	53	29.99	72	SE	1	Foggy.
	3	0	46	56	29.98	74		1	Cloudy.
24	8	0	44	53	29.94	75	N	1	Foggy.
	3	0	40	52	30.15	74	NNE	1	Hazy.
25	8	0	37	52	30.15	68	NE	1	Cloudy.
	3	0	42	54	30.12	68	E	1	Cloudy.
26	8	0	39	50	30.12	70	N	1	Cloudy.
	3	0	40	53	30.09	64	E	1	Cloudy.
27	8	0	37	50	30.01	68	N	1	Thick and hazy.
	3	0	39	51	29.95	67	N	1	Cloudy.
28	8	0	35	48	29.92	66	N	0	Cloudy.
	3	0	39	50	29.92	65	NE	1	Cloudy.
29	8	0	37	47	29.96	62	E	1	Cloudy.
	3	0	37	49	29.99	62	E	1	Fine.
30	8	0	31	46	29.88	65	E	1	Cloudy.
	3	0	32	48	29.71	63	E	1	Cloudy.

Ran this Month 0.947 Inches.

## METEOROLOGICAL JOURNAL

for December, 1813.

1813	Time.		Therm. without.	Therm. within.	Barom.	Hygro-meter.	Winds.		Weather.
	H.	M.	°	°	Inches.		Points.	Str.	
Dec.	1	8 0	31	42	29,48	66	E	1	Fine.
		3 0	34	47	29,54	64	E	1	Cloudy.
	2	8 0	34	44	29,49	66	E	1	Cloudy.
		3 0	37	47	29,30	73	E	1	Rain.
	3	8 0	38	45	29,09	75	E	1	Rain.
		3 0	39	47	29,15	73	NE	1	Cloudy.
	4	8 0	39	47	29,33	75	N	1	Cloudy.
		3 0	41	50	29,35	74	NNE	1	Rain.
	5	8 0	39	47	29,48	75	N	0,1	Cloudy.
		3 0	42	47	29,57	73	N	1	Cloudy.
	6	8 0	37	46	29,77	75	N	1	Cloudy.
		3 0	44	50	29,80	74	N	1	Cloudy.
	7	8 0	37	47	29,76	74	N	1	Fine, rather haz y.
		3 0	42	49	29,78	72	E	1	Cloudy.
	8	8 0	41	48	29,79	76	NNE	1	Rain.
		3 0	43	50	29,81	76	N	1	Rain.
	9	8 0	40	48	29,89	76	N	1	Rain.
		3 0	43	51	29,89	74	NE	1	Rain.
	10	8 0	38	48	29,97	73	NE	1	Cloudy.
		3 0	41	50	30,09	66	NNE	1,2	Cloudy.
	11	8 0	37	47	30,18	67	N	1	Cloudy.
		4 0	40	50	30,21	66	E	1	Cloudy.
	12	8 0	35	47	30,10	68	SE	1	Cloudy.
		3 0	36	46	30,00	68	E	1	Fine.
	13	8 0	30	38	29,83	68	W	1	Cloudy.
		3 0	35	47	29,86	66	E	1	Cloudy.
	14	8 0	28	43	29,95	69	W	1	Cloudy and foggy.
		3 0	33	46	29,95	70	W	1	Cloudy and foggy.
	15	9 0	27	41	29,90	71	W	0,1	Hazy thick weather.
		3 0	34	46	29,86	71	W	1	Fine.
	16	8 0	35	43	29,56	74	S	1,2	Cloudy.
		3 0	40	48	29,46	72	S	1	Cloudy.

Rain this Month 0,328 Inches.



## METEOROLOGICAL JOURNAL

for December, 1813.

1813	Time.		Therm. without.	Therm. within.	Barom.	Hy- gro- me- ter.	Winds.		Weather.
	H.	M.	°	°	Inches.		Points.	Str.	
Dec. 17	8	0	46	48	29.40	78	S	1	Cloudy.
	3	0	48	50	29.22	79	S	1	Rain.
18	8	0	48	50	29.16	80	S	1	Rain.
	3	0	50	53	29.17	75	SW	1	Rain.
19	8	0	45	50	29.19	76	SW	1	Cloudy.
	3	0	47	53	29.19	75	SW	1	Fine.
20	8	0	39	48	29.31	76	W	1	Foggy.
	3	0	42	52	29.43	73	W	1	Fine, rather hazy.
21	8	0	33	47	29.62	75		0	Thick fog.
	3	0	43	51	29.55	75	S	1	Cloudy.
22	8	0	42	49	29.53	74	SW	1	Fine.
	3	0	44	52	29.54	74	SW	1	Cloudy.
23	9	0	37	49	29.78	74	W	1	Thick cloudy weather.
	3	0	42	52	29.92	74	SW	1	Cloudy.
24	8	0	45	51	29.94	77	SW	1	Rain.
	3	0	48	51	29.99	77	SW	1	Rain.
25	9	0	47	52	30.06	77	SW	1	Rain.
	3	0	49	51	30.07	77	W	1	Rain.
26	8	0	42	51	30.28	73	N	1	Hazy.
	3	0	45	51	30.40	68	W	1	Fine.
27	8	0	30	47	30.53	73	E	1	Foggy.
	3	0	31	49	30.50	72	E	1	Foggy.
28	8	0	29	45	30.39	75	E		Thick fog.
	3	0	32	47	30.36	75	E		Thick fog.
29	8	0	27	43	30.35	76	E	1	Thick fog.
	3	0	30	47	30.35	75	E	1	Thick fog.
30	8	0	26	42	30.36	75	E	1	Thick fog.
	3	0	35	45	29.33	70	E	1	Thick fog.
31	8	0	28	41	30.31	76	E	1	Thick fog.
	3	0	35	46	30.30	75	E	1	Fine, but rather hazy.

Rain this Month 0.328 Inches.

1813.	Thermometer without.			Thermometer within.			Barometer.*			Hygrometer.			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.	Inches
January	47	25	36.2	53	42	47.0	30.49	29.29	30.10	79	65	72.0	0.336
February	53	33	43.6	57	42	52.1	30.45	29.17	29.84	76	58	69.2	1.794
March	59	30	45.2	63	47	53.4	30.59	29.73	30.18	77	55	67.2	0.558
April	63	36	46.6	65	49	54.6	30.42	29.26	29.94	76	50	65.3	1.104
May	66	45	55.8	64	52	58.0	30.15	29.47	29.77	80	55	65.3	2.630
June	70	51	58.9	69	57	61.8	30.30	29.53	30.01	68	52	61.0	1.351
July	73	52	61.9	73	59	64.5	30.29	29.54	29.87	71	53	62.5	2.092
August	70	50	61.4	72	61	65.6	30.38	29.55	30.09	72	51	60.1	0.565
September	64	45	56.9	74	57	61.8	30.32	29.12	29.99	73	56	64.4	0.861
October	62	33	49.6	63	44	54.5	30.15	28.67	29.63	81	59	68.7	3.387
November	53	31	42.5	58	46	51.8	30.35	29.07	29.77	75	62	68.4	0.947
December	50	26	38.3	53	38	47.7	30.53	29.09	29.79	80	64	73.1	0.328
Whole year			49.7			56.1			29.91			66.4	15.953

\* 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.

By another Rain Gage placed at a few feet distant from the former and 11 feet 6 inches lower, the quantity of rain this year appears to have been 18.296 inches.

Variation of the Magnetic Needle, September, 1813, 24° 16' 40" West.