

# METEOROLOGICAL JOURNAL,

KEPT AT THE APARTMENTS

OF THE

## ROYAL SOCIETY,

BY ORDER OF THE

## PRESIDENT AND COUNCIL.

MDCCCXXII.

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## METEOROLOGICAL JOURNAL

for January, 1821.

1821	Time.		Therm. without.	Therm. within.	Barom.	Six's Therm.	Winds.		Weather.
	H.	M.	°	°	Inches.		Points.	Str.	
Jan.	1	8 0	26	38	29,83	25	N	1	Cloudy and hazy.
		2 0	29	44	29,82	30	ENE	1	Cloudy and hazy.
	2	8 0	25	39	29,72	25	E	1	Cloudy.
		2 0	27	43	29,61	31	E	1	Cloudy.
	3	8 0	28	40	29,36	25	E	1	Cloudy.
		2 0	32	41	29,31	33	E	1,2	Cloudy. [the night.
	4	8 0	27	38	29,35	27	N	1	Cloudy, a gale of wind in
		2 0	30	43	29,36	32	NW	1	Cloudy.
	5	8 0	30	40	29,28	30	E	1	Cloudy and hazy.
		2 0	32	43	29,21	33	E	1	Snow.
	6	8 0	36	41	29,10	30	SE	1	Cloudy and foggy.
		2 0	40	46	29,17	42	E	1	Thick fog.
	7	8 0	35	41	29,19	35	N	1	Cloudy and foggy.
		2 0	40	42	29,21	36	NE	1	Cloudy and hazy.
	8	8 0	37	41	29,16	35	E	1	Cloudy.
		2 0	40	48	29,11	43	E	1	Cloudy and hazy.
	9	8 0	38	45	29,00	37	—	1	Thick fog.
		2 0	41	49	28,98	42	SW	1	Fog.
	10	8 0	39	46	29,08	39	S	1	Cloudy.
		2 0	44	47	29,11	45	WSW	1	Cloudy and hazy.
	11	8 0	41	48	29,06	39	E	1	Rain.
		2 0	42	48	29,12	45	SE	1	Rain.
	12	8 0	45	50	29,23	39	S	1,2	Cloudy.
		2 0	48	54	29,25	50	SSE	1	Cloudy and hazy.
	13	8 0	46	50	29,49	45	W	1	Fine.
		2 0	49	54	29,51	50	SSW	1	Cloudy.
	14	8 0	44	51	29,22	44	N	1	Rain.
		2 0	43	49	29,61	51	S	1	Cloudy.
	15	8 0	36	47	30,08	36	E	1	Hazy.
		2 0	41	51	29,93	43	ESE	1	Cloudy.
	16	8 0	44	51	29,68	36	W	1	Fine.
		2 0	47	55	29,87	48	WNW	1	Cloudy.

Rain this Month 1,854 Inches.

## METEOROLOGICAL JOURNAL

for January, 1821.

1821	Time.		Therm. without.	Therm. within.	Barom.	Six's Therm.	Winds.		Weather.
	H.	M.	°	°	Inches.		Points.	Str.	
Jan. 17	8	0	39	52	30.13	38	W	1	Hazy.
	2	0	47	53	30.14	49	WSW	1	Cloudy and hazy.
18	8	0	46	51	30.21	39	W	1	Cloudy.
	2	0	51	57	30.23	52	WSW	1	Cloudy and hazy.
19	8	0	47	54	30.31	46	S	1	Cloudy.
	2	0	48	57	30.28	51	WSW	1	Cloudy and hazy.
20	8	0	44	53	30.30	42	W	1	Hazy.
	2	0	50	57	30.41	52	WSW	1	Hazy and cloudy.
21	8	0	36	52	29.61	36	—	1	Thick fog.
	2	0	44	53	30.61	51	—	1	Fine.
22	8	0	39	49	30.64	36	W	1	Cloudy.
	2	0	43	53	30.60	46	W	1	Cloudy.
23	8	0	40	52	30.73	39	E	1	Cloudy.
	2	0	42	57	30.76	45	E	1	Cloudy.
24	8	0	33	47	30.72	33	E	1	Fine.
	2	0	37	54	30.67	42	W	1	Hazy.
25	8	0	35	49	30.60	30	SW	1	Cloudy.
	2	0	44	54	30.60	45	E	1	Foggy.
26	8	0	39	52	30.58	35	N by E	1	Cloudy and hazy.
	2	0	41	55	30.54	45	N	1	Cloudy.
27	8	0	36	51	30.42	36	SE	1	Cloudy.
	2	0	38	55	30.35	42	ESE	1	Cloudy.
28	8	0	34	48	30.22	34	SE	1	Cloudy.
	2	0	38	47	30.21	40	S by E	1	Cloudy.
29	8	0	32	44	30.21	32	E	1	Fine.
	2	0	41	55	30.18	42	S by E	1	Fine.
30	8	0	43	47	30.24	39	SW	1	Cloudy.
	2	0	47	58	30.27	48	W	1	Fine.
31	8	0	44	51	30.35	43	SW	1	Cloudy and hazy.
	2	0	50	55	30.37	51	SW	1	Cloudy.

Rain this Month 1.854 Inches.

## METEOROLOGICAL JOURNAL

for February, 1821.

1821	Time.		Therm. without.	Therm. within.	Barom.	Six's Therm.	Winds.		Weather.	
	H.	M.	o	o	Inches.		Points.	Str.		
Feb.	1	8	o	46	53	30,38	45	SW	1	Cloudy.
		2	o	50	57	30,35	52	WSW	1,2	Cloudy.
	2	8	o	47	54	30,17	45	W	1	Cloudy.
		2	o	59	59	30,28	61	NW	1	Fine.
	3	8	o	37	52	30,33	36	W	1	Fine.
		2	o	47	56	30,23	49	S	1,2	Cloudy.
	4	8	o	43	51	29,98	41	S	1	Cloudy.
		2	o	45	51	29,93	47	SW by S	1	Cloudy.
	5	8	o	33	48	30,59	33	N	1	Hazy.
		2	o	42	56	30,71	54	NW	1	Fine.
	6	8	o	35	48	30,77	32	W by S	1	Hazy.
		2	o	42	56	30,77	44	W by S	1	Fine.
	7	8	o	34	49	30,70	34	SW	1	Fine.
		2	o	43	54	30,68	42	S	1,2	Fine.
	8	8	o	37	50	30,62	36	SSW	1	Fine.
		2	o	46	58	30,54	47	SSE	1	Fine.
	9	8	o	36	51	30,23	35	SE	1	Hazy.
		2	o	45	59	30,08	46	NNE	1	Fine.
	10	8	o	40	51	30,24	36	NE	1,2	Cloudy.
		2	o	45	55	30,31	45	E	1	Fine.
	11	8	o	36	49	30,35	36	E	1	Hazy and cloudy.
		2	o	40	51	30,28	44	E	1	Fine.
	12	8	o	34	47	30,23	33	N	1	Hazy.
		2	o	40	54	30,23	41	NNE	1	Fine.
	13	8	o	35	48	30,29	35	ESE	1	Cloudy.
		2	o	39	51	30,28	40	N	1	Pleasant but cloudy.
	14	8	o	34	47	30,23	34	N	1	Cloudy and dark.
		2	o	37	53	30,22	39	N	1	Cloudy.
	15	8	o	34	50	30,35	34	W	1	Thick fog.
		2	o	36	53	30,38	38	E	1	Cloudy and hazy.

Rain this Month 0,278 Inches.

## METEOROLOGICAL JOURNAL

for February, 1821.

1821	Time.		Therm. without.	Therm. within.	Barom.	Six's Therm.	Winds.		Weather.
	H.	M.	o	o	Inches.		Points.	Str.	
Feb. 16	8	0	33	48	30,51	32	NE	1	Cloudy.
	2	0	38	51	30,51	39	N	1	Cloudy.
17	8	0	32	48	30,40	32	S	1	Cloudy and hazy.
	2	0	36	50	30,29	38	S	1	Cloudy and hazy.
18	8	0	32	45	30,17	30	NNW	1	Cloudy.
	2	0	37	45	30,12	38	W	1	Cloudy and hazy.
19	8	0	31	43	30,24	30	N	1	Fine.
	2	0	38	47	30,31	40	W	1	Cloudy but pleasant.
20	8	0	28	42	30,27	28	WbyN	1	Hazy.
	2	0	38	47	30,13	40	WSW	1	Cloudy.
21	8	0	36	45	30,15	29	NW	1	Hazy.
	2	0	43	50	30,16	44	N	1	Fine.
22	8	0	36	47	30,27	35	E	1	Cloudy and hazy.
	2	0	40	53	30,28	44	W	1	Cloudy.
23	8	0	30	48	30,30	30	W	1	Cloudy.
	2	0	40	57	30,24	41	W by S	1	Fine.
24	8	0	31	49	30,15	31	W	1	Hazy.
	2	0	40	52	30,11	42	SSW	1	Cloudy but pleasant.
25	8	0	35	47	30,07	31	NE	1	Cloudy and hazy.
	2	0	43	47	30,04	45	WSW	1	Cloudy and hazy.
26	8	0	34	47	30,05	34	E	1	Cloudy.
	2	0	34	47	30,07	43	E	1	Cloudy and hazy.
27	8	0	25	43	29,88	25	E	1	Fine.
	2	0	35	52	29,77	36	ESE	1	Fine.
28	8	0	32	47	29,30	26	E	1	Cloudy; snow in the night.
	2	0	33	49	29,21	35	NNE	1	Snow and sleet.

Rain this Month 0,278 Inches.

## METEOROLOGICAL JOURNAL

for March, 1821.

1821	Time.		Therm. without.	Therm. within.	Barom.	Six's Therm.	Winds.		Weather.
	H.	M.	°	°	Inches.		Points.	Str.	
Mar. 1	7	0	37	48	29.33	37	E	1	Cloudy.
	2	0	46	52	29.38	47	ESE	1	Cloudy.
2	7	0	40	54	29.80	38	SW	1	Fine.
	2	0	47	60	29.34	49	SE	1	Rain.
3	7	0	45	54	29.74	48	WSW	1	Cloudy.
	2	0	51	59	29.72	52	W	1	Rain.
4	7	0	48	54	29.61	45	W	1	Cloudy.
	2	0	54	56	29.61	55	W	1	Fine.
5	7	0	39	52	29.84	39	E	1	Cloudy.
	2	0	36	56	29.94	54	NE	1	Cloudy.
6	7	0	34	50	29.83	31	E	1	Cloudy.
	2	0	40	55	29.62	40	E	1	Rain.
7	7	0	41	51	29.52	39	W	1	Cloudy.
	2	0	50	63	29.58	51	SW	1	Cloudy.
8	7	0	45	55	29.21	45	W	1	Cloudy.
	2	0	51	51	29.23	54	W by N	1	Cloudy.
9	7	0	43	57	29.58	43	W by N	1	Fine.
	2	0	54	60	29.51	55	SW	1	Rain.
10	7	0	48	59	29.57	48	SW	1	Fine.
	2	0	57	66	29.65	59	SSW	1	Fair.
11	7	0	44	57	29.79	43	W	1	Fine.
	2	0	52	57	29.82	58	W	1	Fine.
12	7	0	42	55	29.92	41	W	1	Hazy.
	2	0	51	63	29.95	54	W	1	Showery.
13	7	0	42	55	30.00	41	W	1	Hazy.
	2	0	52	66	30.02	54	W	1	Fine.
14	7	0	44	58	30.07	42	NW	1	Fine.
	2	0	54	65	30.16	49	NNE	1	Fine and clear.
15	7	0	37	54	30.36	37	SW	1	Fine.
	2	0	48	66	30.38	53	SW	1	Fine.
16	7	0	41	57	30.30	37	E	1	Hazy.
	2	0	52	65	30.24	52	S	1	Fine.

Rain this Month 1.917 Inches.

## METEOROLOGICAL JOURNAL

for March, 1821.

1821	Time.		Therm. without.	Therm. within.	Barom.	Six's Therm.	Winds,		Weather.
	H.	M.	o	o	Inches.		Points.	Str.	
Mar. 17	7	o	39	56	30.06	38	W	1	Fog.
	2	o	50	64	29.93	52	SW	1	Fine.
18	7	o	42	54	29.48	39	W	1	Fine.
	2	o	48	56	29.45	52	W N W	1	Cloudy and showery.
19	7	o	39	53	29.20	38	W	1	Fine.
	2	o	46	56	29.18	48	W by N	2	Cloudy.
20	7	o	40	51	29.30	37	W	1	Fine.
	2	o	47	60	29.27	49	NW	1	Cloudy, but pleasant.
21	7	o	40	54	29.23	38	W	1	Cloudy.
	2	o	45	60	29.33	49	N	1	Fine.
22	7	o	39	53	29.53	37	E	1	Fine.
	2	o	45	59	29.75	46	N by E	1	Fine, rather showery.
23	7	o	36	53	30.05	34	NNE	1	Fine.
	2	o	47	59	30.07	47	NW	1	Cloudy.
24	7	o	40	52	29.84	36	S	2	Cloudy.
	2	o	48	56	29.68	50	S	1	Cloudy. [wind in the night.
25	7	o	42	51	29.35	42	S by E	1	Rain : a violent storm of
	2	o	50	58	29.38	52	W	1	Cloudy.
26	7	o	39	51	29.61	36	W	1	Fine.
	2	o	48	58	29.56	51	S	1	Cloudy.
27	7	o	41	51	29.22	40	SSW	1	Cloudy.
	2	o	47	56	29.33	50	NNW	1	Cloudy.
28	7	o	40	51	29.16	39	S	2	Rain.
	2	o	47	56	29.06	48	SSE	1	Cloudy.
29	7	o	42	52	29.06	42	S	1	Rain.
	2	o	47	59	29.21	48	SW	1	Cloudy.
30	7	o	38	53	29.63	37	W	1	Fine.
	2	o	48	69	29.71	50	SW	1	Fine.
31	7	o	41	51	29.41	39	S	2	Cloudy, rain in the night.
	2	o	48	56	29.38	51	N N W	1	Cloudy.

Rain this Month 1.917 Inches.

## METEOROLOGICAL JOURNAL

for April, 1821.

1821	Time.		Therm. without.	Therm. within.	Barom.	Six's Therm.	Winds.		Weather.
	H.	M.	°	°	Inches.		Points.	Str.	
April	1	7 0	37	51	29,58	36	W	1	Fine.
		2 0	51	55	29,61	51	W	1	Fine.
	2	7 0	48	53	29,27	42	SSW	1.2	Rain.
		2 0	55	58	29,25	59	W	1	Cloudy.
	3	7 0	42	53	29,31	40	W	2	Fair.
		2 0	50	58	29,29	55	NW	1	Fine.
	4	7 0	41	54	29,31	39	W	1	Hazy.
		2 0	53	61	29,32	53	WNW	1	Fine.
	5	7 0	41	54	29,45	40	N	1	Fine.
		2 0	47	60	29,66	53	N	1	Fine.
	6	7 0	39	55	30,03	37	NW	1	Fine.
		2 0	58	59	30,07	59	WNW	1	Cloudy.
	7	7 0	46	56	29,97	39	W	1	Rain.
		2 0	59	60	30,06	59	NNW	1	Cloudy.
	8	7 0	50	57	30,12	49	W	1	Cloudy.
		2 0	63	61	30,12	64	NW	1	Fine.
	9	7 0	48	58	30,02	47	W	1	Cloudy.
		2 0	60	62	29,93	63	NNW	1	Fine.
	10	7 0	51	59	29,81	50	W	1	Rather hazy.
		2 0	61	62	29,73	62	W	1	Cloudy.
	11	7 0	50	59	29,66	48	S	1	Cloudy.
		2 0	60	63	29,58	62	S	2	Cloudy.
	12	7 0	44	57	29,36	42	W	1	Fine.
		2 0	53	62	29,31	59	SW	2	Cloudy.
	13	7 0	45	57	29,32	41	W	1	Fine.
		2 0	53	61	29,45	54	W	2	Cloudy.
	14	7 0	45	55	29,67	40	S	1	Fine.
		2 0	61	57	29,32	62	S	2	Cloudy.
	15	7 0	42	53	29,52	39	SSW	1	Cloudy.
		2 0	60	55	29,50	62	SSW	1	Showery.
	16	7 0	43	52	29,47	38	S	1	Fine.
		2 0	61	57	29,40	63	S	1	Fine.

Rain this Month 1, 137 Inches.



## METEOROLOGICAL JOURNAL

for April, 1821.

1821	Time.	Therm. without.	Therm. within.	Barom.	Six's Therm.	Winds.		Weather.
	H. M.	°	°	Inches.		Points.	Str.	
Apl. 17	7 0	40	53	29,42	38	W	1	Fine, rather hazy.
	2 0	59	58	29,64	59	W	1	
18	7 0	45	53	29,64	41	W	1	Hazy.
	2 0	55	58	29,69	56	NW	1	Cloudy.
19	7 0	49	54	29,70	44	S	2	Cloudy.
	2 0	53	55	29,56	55	S	2	Rain. [the night.
20	7 0	50	54	29,51	49	SW	1	Cloudy; rained hard in } Cloudy dull weather, thunder } and lightning at 8 P. M.
	2 0	60	56	29,55	60	ESE	1	
21	7 0	53	56	29,73	50	NE	1	Cloudy.
	2 0	58	58	29,82	60	N	1	Cloudy.
22	7 0	48	56	29,97	45	N	1	Fine.
	2 0	57	58	29,87	59	SE	1	Fine.
23	7 0	52	57	29,56	49	E	1	Hazy.
	2 0	66	62	29,49	68	E	1	Cloudy.
24	7 0	56	58	29,40	53	S	1	Fine.
	2 0	64	68	29,50	66	S	1	Fine.
25	7 0	60	60	29,63	54	SE	1	Fine.
	2 0	68	69	29,57	70	S	1	Fine.
26	7 0	60	63	29,75	58	NNE	1	Hazy.
	2 0	71	68	29,68	72	E	1	Fine.
27	7 0	58	64	29,66	56	SW	1	Cloudy.
	2 0	64	64	29,71	72	SW	1	Cloudy, but pleasant.
28	7 0	59	62	29,81	52	WSW	1	Fine.
	2 0	66	65	29,81	67	S	1	Fine.
29	7 0	53	62	29,81	56	S	1	Fine.
	2 0	61	67	29,84	67	S	1	Fine.
30	7 0	53	61	30,01	51	N	1	Cloudy, rather hazy.
	2 0	53	61	30,04	55	N	1,2	Cloudy.

Rain this Month 1,137 Inches.

## METEOROLOGICAL JOURNAL

for May, 1821.

1821	Time.		Therm. without.	Therm. within.	Barom.	Six's Therm.	Winds.		Weather.
	H.	M.	°	°	Inches.		Points.	Str.	
May	1	7 0	49	59	30.04	48	N	1	Cloudy and hazy.
		2 0	56	61	29.97	57	ESE	1	Fine.
	2	7 0	53	59	29.87	48	N b E	1	Cloudy.
		2 0	62	65	29.84	64	E	1	Cloudy.
	3	7 0	52	59	29.75	51	S	1	Cloudy.
		2 0	65	62	29.69	66	S	1	Cloudy.
	4	7 0	55	61	29.66	53	W	1	Fine.
		2 0	66	64	29.68	70	S	2	Fine.
	5	7 0	57	61	29.62	52	SW	1	Cloudy.
		2 0	63	65	29.53	68	S	1	Fine.
	6	7 0	52	60	29.43	47	W	1	Cloudy.
		2 0	59	62	29.49	64	WSW	1	Fine.
	7	7 0	49	59	29.80	45	W	1	Fine.
		2 0	59	62	29.86	62	W	1	Fine.
	8	7 0	53	59	29.88	51	SW	2	Rain.
		2 0	61	61	29.95	63	SW	1	Cloudy.
	9	7 0	47	55	30.14	43	W	1	Fine.
		2 0	61	64	30.15	62	NNW	1	Fine.
	10	7 0	50	58	30.25	47	WNW	1	Fine.
		2 0	60	59	30.21	62	W	1	Cloudy.
	11	7 0	51	57	30.01	47	W	1	Cloudy.
		2 0	66	60	29.96	66	W by N	1	Cloudy.
	12	7 0	56	59	29.86	54	NW	1	Cloudy.
		2 0	64	60	29.80	66	NW	1	Cloudy.
	13	7 0	48	56	29.38	44	W	2	Cloudy.
		2 0	54	58	29.31	56	WSW	1	Cloudy, rain at intervals.
	14	7 0	46	54	29.30	42	N	1	Fine.
		2 0	54	62	29.35	55	NW	1	Fine.
	15	7 0	46	56	29.17	44	SSW	1	Cloudy.
		2 0	52	58	29.17	54	WSW	1	Fine.
	16	7 0	46	55	29.69	41	W	1	Fine.
		2 0	56	61	29.81	56	W	1	Fine.

Rain this Month 1.093 Inches.

## METEOROLOGICAL JOURNAL

for May, 1821.

1821	Time.		Therm. without.	Therm. within.	Barom.	Six's Therm.	Winds.		Weather.
	H.	M.	°	°	Inches.		Points.	Str.	
May 17	7	0	47	55	29.95	43	S	1	Cloudy.
	2	0	52	56	29.91	56	SE	1	Rain.
18	7	0	50	56	29.87	48	N	1	Fine.
	2	0	60	61	30.03	61	W	1	Cloudy.
19	7	0	47	56	30.20	45	N	1	Fine.
	2	0	60	60	30.22	60	S	1	Fine.
20	7	0	49	56	30.17	46	N	1	Cloudy.
	2	0	55	57	30.18	61	E	1	Cloudy.
21	7	0	47	55	30.14	42	SE	1	Fine.
	2	0	51	57	30.05	52	E	1	Cloudy.
22	7	0	47	54	29.99	41	N	1	Cloudy.
	2	0	62	56	29.93	65	ESE	1	Fine.
23	7	0	46	54	29.78	43	N	1	Cloudy.
	2	0	50	55	29.76	52	E	1	Rain.
24	7	0	42	52	29.92	39	N	1	Cloudy.
	2	0	58	55	29.98	63	W	1	Fine.
25	7	0	45	52	29.94	40	W	1	Cloudy.
	2	0	60	55	29.74	58	W	1	Fine.
26	7	0	42	53	29.73	38	NW	1	Fine.
	2	0	48	58	29.77	57	N	1	Fine.
27	7	0	44	53	29.86	37	N	1	Cloudy.
	2	0	60	57	29.91	65	N	1	Cloudy, but pleasant.
28	7	0	47	53	29.88	43	W	1	Cloudy.
	2	0	54	56	29.95	56	W	1	Fine.
29	7	0	46	52	30.08	42	W	1	Fine.
	2	0	57	56	30.11	59	N	1	Fine.
30	7	0	49	56	30.18	45	W	1	Fine.
	2	0	57	57	30.18	62	SE	1	Fine.
31	7	0	45	55	30.16	42	E	1	Cloudy.
	2	0	57	63	30.11	59	E	1	Fine.

Rain this Month 1.093 Inches.

## METEOROLOGICAL JOURNAL

for June, 1821.

1821	Time.		Therm. without.	Therm. within.	Barom.	Six's Therm.	Winds		Weather.
	H.	M.	o	o	Inches.		Points.	Str.	
June 1	7	0	50	58	30.04	55	E	1	Fine.
	2	0	68	62	30.03	68	E	1	Cloudy.
2	7	0	57	59	30.00	53	N	1	Fine.
	2	0	68	62	29.96	69	E	1	Fine.
3	7	0	53	60	29.91	57	N	1	Cloudy.
	2	0	66	66	29.84	70	E	1	Fine.
4	7	0	56	60	29.70	54	NE	1	Rain.
	2	0	63	63	29.63	67	E	1	Fine.
5	7	0	58	62	29.69	54	W	1	Cloudy.
	2	0	67	66	29.72	68	W	1	Fine.
6	7	0	57	62	29.82	54	W	1	Fine.
	2	0	66	66	29.90	69	N	1	Cloudy.
7	7	0	55	59	29.81	51	W	1	Cloudy.
	2	0	62	61	29.66	67	W	1	Fine; rain at 4 P.M. [night.
8	7	0	55	61	29.57	52	N	1	Cloudy; much rain in the
	2	0	58	60	29.71	63	NE	1	Cloudy.
9	7	0	49	58	29.80	45	WNW	1	Cloudy.
	2	0	56	57	29.78	59	WSW	1	Cloudy.
10	7	0	47	56	29.72	43	W by N	1	Cloudy.
	2	0	52	54	29.72	55	S	1	Fine.
11	7	0	51	55	29.83	43	NNE	1	Cloudy.
	2	0	53	56	29.94	55	N	1	Cloudy.
12	7	0	50	55	30.16	46	N	1	Fine.
	2	0	54	57	30.23	55	N	1	Cloudy.
13	7	0	54	56	30.26	47	N	1	Fine.
	2	0	57	57	30.23	58	N	1	Cloudy.
14	7	0	52	55	30.28	44	NE	1	Cloudy.
	2	0	60	59	30.29	62	W	1	Fine.
15	7	0	52	57	30.30	49	N	1	Hazy.
	2	0	65	60	30.28	66	W	1	Fine.

Rain this Month 1.833 Inches.

## METEOROLOGICAL JOURNAL

for June, 1821.

1821	Time.		Therm. without.	Therm. within.	Barom.	Six's Therm.	Winds.		Weather.
	H.	M.	o	o	Inches.		Points.	Str.	
June 16	7	0	55	57	30.21	52	W	1	Cloudy.
	2	0	61	57	30.21	65	SW	1	Cloudy.
17	7	0	53	58	30.28	51	N	1	Cloudy.
	2	0	58	57	30.28	61	NW	1	Cloudy.
18	7	0	53	57	30.32	50	NE	1	Cloudy and hazy.
	2	0	64	65	30.30	65	N	1	Fine.
19	7	0	54	57	30.24	48	NE	1	Fine.
	2	0	62	65	30.18	65	NW	1	Fine.
20	7	0	53	59	30.10	49	N	1	Cloudy.
	2	0	59	62	30.06	63	NNE	1	Fine.
21	7	0	53	57	30.06	48	NNE	1	Fine.
	2	0	59	59	30.07	60	E	1	Cloudy.
22	7	0	51	57	30.15	46	N	1	Fine.
	2	0	57	58	30.16	60	S	1	Fine.
23	7	0	53	52	30.17	51	NE	1	Cloudy.
	2	0	58	58	30.17	59	S	1	Cloudy.
24	7	0	53	57	30.13	48	N	1	Cloudy.
	2	0	58	57	30.08	59	E	1	Cloudy.
25	7	0	55	57	30.10	51	N by E	2	Cloudy.
	2	0	65	61	30.11	65	E	1	Fine.
26	7	0	56	58	30.12	52	N	1	Cloudy.
	2	0	64	61	30.08	65	WSW	1	Fine.
27	7	0	55	57	30.06	52	N	1	Fine.
	2	0	65	66	30.07	66	N	1	Fine.
28	7	0	58	59	30.15	55	N by W	1	Cloudy.
	2	0	65	64	30.16	66	SSW	1	Fine.
29	7	0	55	58	30.14	51	NE	1	Hazy.
	2	0	69	66	30.08	70			Fine.
30	7	0	60	61	29.90	55	SW	1	Fine.
	2	0	72	67	29.88	73	S	1	Fine.

Rain this Month 1.833 Inches.

## METEOROLOGICAL JOURNAL

for July, 1821.

1821	Time.		Therm. without.	Therm. within.	Barom.	Six's Therm.	Winds.		Weather.
	H.	M.	°	°	Inches.		Points.	Str.	
July	1	7 0	61	64	29.58	59	W	1	Cloudy.
		2 0	58	62	29.61	74	E	1	Rain.
	2	7 0	54	60	29.75	51	E	1	Rain.
		2 0	66	61	29.78	68	NNE	1	Rain.
	3	7 0	51	59	29.77	51	E	1	Cloudy.
		2 0	58	59	29.82	60	E	1	Fine.
	4	7 0	52	57	30.01	46	N	1	Fine.
		2 0	60	61	30.09	61	N	1	Fine, rather cloudy.
	5	7 0	56	59	30.15	52	NW	1	Fine.
		2 0	64	61	30.15	66	W	1	Fine.
	6	7 0	56	60	30.02	54	W	1	Hazy.
		2 0	63	61	29.89	65	NW	1	Cloudy.
	7	7 0	55	58	29.78	52	NNW	1	Cloudy and hazy.
		2 0	58	60	29.85	61	SSE	1	Fine.
	8	7 0	53	57	29.98	48	N	1	Cloudy.
		2 0	59	57	30.04	60	SW	1	Fine.
	9	7 0	56	58	30.08	51	NNW	1	Fine, rather hazy.
		2 0	65	63	30.07	67	NW	1	Fine.
	10	7 0	59	60	30.09	56	N	1	Cloudy and hazy.
		2 0	66	62	30.09	67	WNW	1	Fine.
	11	7 0	55	60	30.13	53	W	1	Hazy.
		2 0	65	61	30.11	67	W	1	Cloudy.
	12	7 0	55	58	30.07	50	E	1	Fine.
		2 0	63	62	30.05	65	E	1	Fine.
	13	7 0	56	60	30.00	51	SW	1	Fine.
		2 0	65	62	29.92	66	S by E	1	Fine.
	14	7 0	53	60	29.82	55	W	1	Cloudy.
		2 0	66	64	29.78	67	W	1	Fine.
	15	7 0	56	60	29.71	53	W	1	Rain.
		2 0	57	61	29.68	68	E	1	Rain.
	16	7 0	58	60	29.94	53	N	1	Fine.
		2 0	57	64	30.02	58	N by W	1	Cloudy.

Rain this Month 2.236 Inches.

## METEOROLOGICAL JOURNAL

for July, 1821.

1820	Time.	Therm. without.	Therm. within.	Barom.	Six's Therm.	Winds.		Weather.
	H. M.	°	°	Inches.		Points.	Str.	
July 17	7 0	58	61	30,20	55	SSW	1	Cloudy.
	2 0	67	64	30,26	68	W	1	Cloudy.
18	7 0	58	61	30,30	55	E	1	Fine.
	2 0	69	68	30,28	71	E	1	Fine.
19	7 0	60	64	30,11	57	E	1	Cloudy.
	2 0	72	71	29,99	73	E	1	Fine.
20	7 0	63	65	29,82	59	W	1	Fine.
	2 0	71	68	29,84	73	WSW	1,2	Cloudy.
21	7 0	58	64	29,76	62	W	1	Fine.
	2 0	69	69	29,77	71	W	1	Fine.
22	7 0	58	64	29,58	56	S	1,2	Rain.
	2 0	69	70	29,56	70	NW	1	Fine.
23	7 0	59	62	29,58	55	S	1	Fine.
	2 0	64	65	29,61	69	WNW	1	Fine.
24	7 0	59	63	29,71	55	W	1	Cloudy; rain in the night.
	2 0	67	66	29,74	68	SW	1	Fine.
25	7 0	59	63	29,56	56	S	1	Rain.
	2 0	68	66	29,76	70	S	1	Fine.
26	7 0	59	63	29,88	55	W	1,2	Cloudy.
	2 0	66	66	29,91	69	W	1	Cloudy.
27	7 0	59	61	29,92	55	W	1	Fine.
	2 0	67	66	29,94	68	NW	1	Fine.
28	7 0	57	63	29,96	54	W	1	Hazy.
	2 0	65	62	29,91	68	W	1	Fine.
29	7 0	56	62	30,32	52	W	1	Fine.
	2 0	67	63	30,01	68	WNW	1	Fine.
30	7 0	55	61	29,93	55	SSE	1	Rain.
	2 0	65	64	29,88	68	W	1	Rain.
31	7 0	63	64	29,90	56	W	1	Fine.
	2 0	71	66	29,91	72	W	1	Cloudy.

Rain this Month 2,236 Inches.

## METEOROLOGICAL JOURNAL

for August, 1821.

1821	Time.		Therm. without.	Therm. within.	Barom.	Six's Therm.	Winds.		Weather.
	H.	M.	°	°	Inches.		Points.	Str.	
Aug. 1	7	0	61	64	29.93	60	SW	1	Cloudy.
	2	0	70	66	29.89	72	W	1	Cloudy.
	2	0	61	63	30.07	57	N	1	Fine.
	2	0	71	67	30.09	72	W	1	Fine.
	3	0	62	64	30.07	59	N	1	Cloudy.
	2	0	71	66	30.08	73	N	1	Fine.
	4	0	62	64	30.06	60	S	1	Fine.
	2	0	73	74	30.07	74	E	1	Fine.
	5	0	65	66	29.97	61	E	1	Fine.
	2	0	76	72	29.96	77	E	1	Fine.
	6	0	67	68	29.87	63	W	1	Fine.
	2	0	76	69	29.87	77	W	1	Fine.
	7	0	61	67	29.96	56	W	1	Fine.
	2	0	69	69	29.97	73	NW	1	Cloudy.
	8	0	60	65	29.90	55	W	1	Cloudy.
	2	0	64	63	29.64	69	W	1	Rain.
	9	0	60	64	29.49	57	W	1	Fine.
	2	0	67	67	29.50	69	N	1	Fine.
	10	0	57	61	29.48	54	W	1	Cloudy.
	2	0	66	65	29.47	68	W	1,2	Fine, rather cloudy.
	11	0	58	61	29.55	54	W	1	Cloudy.
	2	0	67	64	29.64	68	WNW	1	Cloudy.
	12	0	56	61	29.85	50	W	1	Fine.
	2	0	67	65	29.89	68	W	1	Fine.
	13	0	57	61	29.95	53	W	1	Cloudy.
	2	0	68	65	29.95	70	WSW	1	Cloudy.
	14	0	58	62	29.80	58	W	1	Rain.
	2	0	67	64	29.66	70	NNW	1	Cloudy.
	15	0	58	62	29.90	53	N	1	Fine.
	2	0	68	68	29.97	70	NW	1	Fine.
	16	0	61	64	30.03	58	W	1	Cloudy.
	2	0	71	69	30.04	72	W	1	Cloudy.

Rain this Month 2.097 inches.



## METEOROLOGICAL JOURNAL

for August, 1821.

1821	Time.		Therm. without.	Therm. within.	Barom.	Six's Therm.	Winds.		Weather.
	H.	M.	°	°	Inches.		Points.	Str.	
Aug. 17	7	0	64	65	30.10	62	W	1	Cloudy.
	2	0	69	71	30.18	70	W	1	Fine.
18	7	0	63	67	30.00	62	W	1	Cloudy dull weather.
	2	0	67	67	30.15	70	W	1	Cloudy.
19	7	0	58	64	30.16	54	N	1	Fine.
	2	0	70	72	30.17	71	WSW	1	Fine.
20	7	0	63	66	30.18	58	W	1	Cloudy and hazy.
	2	0	74	74	30.19	75	E	1	Fair.
21	7	0	64	67	30.17	60	E	1	Fine, rather hazy.
	2	0	75	78	30.15	76	E	1	Fine.
22	7	0	65	67	30.14	63	E	1	Hazy thick weather.
	2	0	75	76	30.14	77	E	1	Fine.
23	7	0	64	67	30.08	63	E	1	Cloudy and hazy. [Sun.
	2	0	73	77	30.03	73	E	1	Fine. Therm. 83° in the
24	7	0	64	68	29.95	61	E	1	Cloudy and hazy.
	2	0	76	79	29.91	77	E	1	Fine.
25	7	0	66	70	29.90	64	E	1	Cloudy.
	2	0	74	74	29.90	77	S	1	Fine.
26	7	0	63	65	29.94	62	N	1	Cloudy; rain in the night.
	2	0	71	71	29.98	76	SE	1	Fine.
27	7	0	62	64	30.11	58	E	1	Dull and Cloudy.
	2	0	63	64	30.11	63	E	1	Cloudy.
28	7	0	59	62	29.95	57	E	1	Cloudy.
	2	0	60	63	29.87	63	E	1	Cloudy.
29	7	0	57	63	29.76	54	E	1	Cloudy.
	2	0	58	63	29.73	59	E	1	Rain.
30	7	0	60	63	29.71	56	WNW	1	Cloudy.
	2	0	69	63	29.71	71	SSE	1	Fine.
31	7	0	62	65	29.67	61	SW	1	Cloudy.
	2	0	68	67	29.67	70	W	1	Rain.

Rain this Month 2.997 Inches.

## METEOROLOGICAL JOURNAL

for September, 1821.

1821	Time.		Therm. without.	Therm. within.	Barom.	Six's Therm.	Winds.		Weather.
	H.	M.	°	°	Inches.		Points.	Str.	
Sept.	1	7 0	62	65	29,85	61	W	1	Cloudy and hazy.
		2 0	68	67	29,91	69	SW	1	Fine.
	2	7 0	63	65	30,02	61	W	1	Cloudy.
		2 0	68	70	30,04	70	NW	1	Fine.
	3	7 0	62	65	29,96	62	S	1	Cloudy.
		2 0	70	69	29,91	72	SW by S	1	Cloudy.
	4	7 0	65	67	29,84	63	SW	1	Cloudy.
		2 0	70	69	29,77	72	W	1	Fine.
	5	7 0	63	65	29,77	60	W	2	Fine.
		2 0	68	70	29,99	71	SW	1	Fine.
	6	7 0	65	66	29,92	61	S by E	1	Fine.
		2 0	71	71	29,93	73	SW	1,2	Cloudy.
	7	7 0	67	67	29,66	67	S by E	1	Cloudy.
		2 0	71	68	29,61	75	SW	1	Fine.
	8	7 0	61	65	29,59	60	W	1	Cloudy.
		2 0	65	70	29,67	71	W	1	Fine.
	9	7 0	61	64	29,70	55	S	1	Fine.
		2 0	68	65	29,57	69	SSE	1	Cloudy.
	10	7 0	57	63	29,66	53	W by N	1	Fine.
		2 0	64	68	29,74	68	N N W	1	Fine.
	11	7 0	57	62	29,94	53	W	1	Fine.
		2 0	64	67	29,99	65	WSW	1	Fine.
	12	7 0	56	62	29,73	59	SW	1	Rain.
		2 0	65	66	29,62	67	W	1	Rain.
	13	7 0	57	61	29,90	54	W	1	Cloudy.
		2 0	65	64	29,95	66	SSW	1	Cloudy, but pleasant.
	14	7 0	54	62	29,92	54	SW	1	Cloudy.
		2 0	65	62	29,98	59	N by E	1	Cloudy.
	15	7 0	51	59	30,18	50	E	1	Foggy.
		2 0	65	64	30,20	65	NW	1	Fine.

Rain this Month 1,810 Inches.

## METEOROLOGICAL JOURNAL

for September, 1821.

1821	Time.		Therm. without.	Therm. within.	Barom.	Six's Therm.	Winds.		Weather.
	H.	M.	°	°	Inches.		Points.	Str.	
Sept. 16	7	0	62	63	30.20	61	W	1	Cloudy, rather hazy.
	2	0	69	66	30.19	70	W	1	
17	7	0	63	64	30.13	61	W	1	Cloudy.
	2	0	70	68	30.06	71	NW	1	
18	7	0	63	65	29.96	61	S	1	Fine.
	2	0	69	68	29.87	70	NW	1	
19	7	0	58	62	29.84	55	W	1	Fine.
	2	0	66	65	29.90	68	N	1	
20	7	0	54	60	29.95	50	W	1	Cloudy.
	2	0	62	61	29.84	64	W	1	
21	7	0	59	62	29.70	54	S	1	Cloudy.
	2	0	65	64	29.68	66	W	1	
22	7	0	60	62	29.72	58	N	1	} Fine ; a storm of thunder and lightning in the night.
	2	0	66	64	29.74	67	E	1	
23	7	0	61	63	29.69	60	E	1	Cloudy.
	2	0	66	63	29.66	67	E	1	
24	7	0	57	60	29.62	53	WSW	1	Fine.
	2	0	64	63	29.76	65	W	1	
25	7	0	52	59	29.95	49	W	1	Fine, rather cloudy.
	2	0	65	61	29.98	67	W	1	
26	7	0	60	62	29.97	52	W	1	Cloudy.
	2	0	67	65	29.96	68	W	1	
27	7	0	59	61	29.85	55	W	1	Rainy dark weather.
	2	0	63	64	29.89	67	W	1	
28	7	0	55	60	29.92	52	W	1	Cloudy.
	2	0	63	63	29.75	65	E	1	
29	7	0	54	57	29.49	53	SW	2	Cloudy ; a violent gale in [the night.
	2	0	60	60	29.53	63	E	1	
30	7	0	49	58	29.78	46	W	1	Fine.
	2	0	58	59	29.85	60	NW	1	

Rain this Month 1.810 Inches.

## METEOROLOGICAL JOURNAL

for October, 1821.

1821	Time.		Therm. without.	Therm. within.	Barom.	Six's Therm.	Winds.		Weather.	
	H.	M.	°	°	Inches.		Points.	Str.		
Oct.	1	8	0	58	59	29,67	50	NW	1	Cloudy.
		2	0	63	62	29,70	64	NW	1,2	Cloudy.
	2	8	0	52	57	30,08	48	NNW	1	Fine.
		2	0	58	62	30,14	65	W	1	Fine.
	3	8	0	58	60	29,99	52	SW	1	Cloudy.
		2	0	65	62	29,87	66	W	1,2	Cloudy.
	4	8	0	59	62	29,65	58	S	1	Rain.
		2	0	61	62	29,49	65	ESE	1	Rain.
	5	8	0	49	57	29,79	47	NW	1	Fine.
		2	0	56	61	29,93	62	NW	1	Fine.
	6	8	0	49	57	30,02	47	W	1	Fine.
		2	0	60	60	30,03	61	W	1	Fine.
	7	8	0	57	59	30,04	50	W	1	Fine.
		2	0	61	60	30,03	63	W	1	Cloudy.
	8	8	0	56	59	29,92	53	S	2	Rain.
		2	0	58	62	30,03	61	N	1	Fine.
	9	8	0	48	56	30,26	45	E	1	Fine.
		2	0	66	62	30,24	68	E	1	Fine.
	10	8	0	51	55	30,09	47	E	1	Fine.
		2	0	59	63	29,98	59	E	1	Fine.
	11	8	0	49	57	29,76	48	E	1	Cloudy.
		2	0	54	58	29,64	58	E	1	Rain.
	12	8	0	51	56	29,71	50	NW	1	Hazy and Cloudy.
		2	0	56	58	29,88	56	SW	1	Fine.
	13	8	0	50	56	30,26	49	N	1	Fine, rather hazy.
		2	0	56	56	30,31	57	SW	1	Cloudy.
	14	8	0	45	54	29,33	42	E	1	Hazy.
		2	0	58	67	30,28	58	WSW	1	Cloudy.
	15	8	0	50	56	30,23	45	N	1	Rain.
		2	0	58	58	30,20	53	NE	1	Fine.
	16	8	0	44	54	30,16	42	W	1	Fine, rather hazy.
		2	0	54	57	30,14	52	N	1	Fine.

Rain this Month 1,931 Inches.

## METEOROLOGICAL JOURNAL

for October, 1821.

1821	Time.		Therm. without.	Therm. within.	Barom.	Six's Therm.	Winds.		Weather.
	H.	M.	o	o	Inches.		Points.	Str.	
Oct. 17	8	o	46	54	30,15	45	NW	1	Cloudy.
	2	o	53	55	30,07	51	W	1	Cloudy.
18	8	o	49	54	29,92	48	W	1	Rain.
	2	o	59	60	29,89	60	W	1	Cloudy.
19	8	o	50	55	29,89	49	W	1	Cloudy.
	2	o	54	53	29,79	58	W	1	Cloudy.
20	8	o	51	53	29,27	48	S	2	Cloudy.
	2	o	53	55	28,92	56	NW	1	Rain.
21	8	o	43	53	29,11	43	W	1	Fine.
	2	o	49	56	29,17	53	WSW	1	Fine.
22	8	o	45	53	29,12	43	S	1	Cloudy.
	2	o	53	56	29,21	54	S	1,2	Fine.
23	8	o	47	53	29,34	45	S	2	Cloudy.
	2	o	50	53	29,21	52	E	1	Rain.
24	8	o	44	53	29,38	43	S	1	Fine.
	2	o	53	55	29,52	53	NW	1	Rain.
25	8	o	43	53	29,91	41	W	1	Cloudy.
	2	o	53	59	29,94	54	W	1	Rain.
26	8	o	50	56	30,06	43	W	1	Damp and hazy.
	2	o	58	59	30,09	58	S	1	Cloudy.
27	8	o	55	57	30,14	53	S by E	1	Cloudy.
	2	o	59	61	30,17	60	W	1	Cloudy.
28	8	o	55	58	30,25	54	SSW	1	Cloudy.
	2	o	60	58	30,25	61	SW	1	Cloudy and hazy.
29	8	o	43	56	30,26	42	W	1	Thick fog.
	2	o	60	60	30,20	61	E	1	Fine, rather hazy.
30	8	o	45	56	30,11	42	E	1	Hazy.
	2	o	54	59	30,04	55	SW	1	Fine.
31	8	o	47	54	29,88	44	SE	1	Hazy.
	2	o	57	58	29,91	59	W	1	Fine.

Rain this Month 1,931 Inches.

## METEOROLOGICAL JOURNAL

for November, 1821.

1821	Time.		Therm. without.	Therm. within.	Barom.	Six's Therm.	Winds.		Weather.
	H.	M.	°	°	Inches.		Points.	Str.	
Nov.	1	8 0	55	57	29.89	51	S	1	Cloudy.
		2 0	59	59	29.89	60	SW	1	Cloudy.
	2	8 0	59	59	29.90	57	W	2	Cloudy.
		2 0	62	62	29.85	63	W	1	Cloudy.
	3	8 0	55	60	29.80	54	W	1	Cloudy.
		2 0	57	56	29.77	63	SW	1	Rain.
	4	8 0	44	55	29.21	42	NW	1,2	Fine; stormy in the night
		2 0	45	50	29.99	56	W	1	Cloudy.
	5	8 0	35	42	30.03	34	W	1	Fine.
		2 0	44	48	30.12	45	W	1	Cloudy and hazy.
	6	8 0	37	47	30.15	35	W	1	Fine.
		2 0	45	48	30.20	45	W	1	Fine.
	7	8 0	42	48	30.13	37	E	1	Fine.
		2 0	48	49	30.08	49	SE	1	Fine.
	8	8 0	42	49	30.05	42	E	1	Fine, rather hazy.
		2 0	48	55	30.05	49	E	1	Cloudy.
	9	8 0	41	53	30.01	40	E	1	Fine.
		2 0	45	54	29.99	47	E	1	Fine.
	10	8 0	44	53	29.97	41	E	1	Foggy.
		2 0	52	58	30.07	53	E	1	Foggy.
	11	8 0	50	57	29.86	44	SSE	1	Fine.
		2 0	55	56	29.89	57	SE	1	Rain.
	12	8 0	49	55	29.81	48	W	1	Fine.
		2 0	54	63	29.92	56	E	1	Fine.
	13	8 0	46	57	29.99	44	E	1	Foggy.
		2 0	54	60	29.87	54	E	1	Cloudy.
	14	8 0	53	59	29.71	46	W	1	Hazy.
		2 0	59	61	29.78	56	W	1	Cloudy.
	15	8 0	53	60	29.74	50	S	1	Fine.
		2 0	60	63	29.66	61	S	1,2	Cloudy.
	16	8 0	55	61	29.51	52	SW	2	Cloudy.
		2 0	54	62	29.41	60	W	1	Cloudy. A violent storm of wind and rain from 10 A. M. to 3 P. M.

Rain this Month 3.445 Inches.

## METEOROLOGICAL JOURNAL

for November, 1821.

1821	Time.		Therm. without.	Therm. within.	Barom.	Six's Therm.	Winds.		Weather.
	H.	M.	o	o	Inches.		Points.	Str.	
Nov. 17	8	0	52	63	29.53	49	W	1	Fine.
	2	0	56	60	29.68	57	W	1	Cloudy.
18	8	0	51	60	29.83	50	W	1	Cloudy.
	2	0	59	59	30.02	59	W	1	Cloudy.
19	8	0	50	58	29.99	47	S	1	Cloudy.
	2	0	51	61	29.84	54	SW	1	Fine.
20	8	0	46	58	30.01	44	W	1,2	Fine.
	2	0	51	59	29.75	52	W	1	Cloudy.
21	8	0	51	59	29.61	46	W	1	Cloudy and hazy.
	2	0	48	61	29.75	53	NW	1	Fine.
22	8	0	44	55	29.61	41	S	1,2	Rain.
	2	0	57	62	29.47	58	W	1,2	Fine.
23	8	0	52	59	29.73	45	W	2	Cloudy.
	2	0	48	61	29.81	56	W	1	Fine.
24	8	0	44	56	29.79	40	SW	1	Rain.
	2	0	50	58	29.67	52	W	1	Cloudy.
25	8	0	45	56	29.73	44	W	1	Fine.
	2	0	48	56	29.77	51	W	1	Cloudy.
26	8	0	45	57	29.36	54	S	2	Cloudy.
	2	0	54	60	29.22	56	W	3	Stormy.
27	8	0	45	56	29.43	45	W	1	Cloudy.
	2	0	46	57	29.60	50	W	1	Fine.
28	8	0	40	53	29.81	36	SW	1	Fine.
	2	0	50	57	29.63	55	W	1	Cloudy.
29	8	0	53	57	29.57	41	WSW	3	Rain.
	2	0	51	62	29.74	55	W	1	Fine.
30	8	0	43	55	29.78	43	W	1	Fine.
	2	0	49	58	29.91	52	SW	1	Cloudy and hazy.

Rain this Month 3.445 Inches.

## METEOROLOGICAL JOURNAL

for December, 1821.

1821	Time.		Therm. without.	Therm. within.	Barom.	Six's Therm.	Winds.		Weather.
	H.	M.	°	°	Inches.		Points.	Str.	
Dec.	1	8 0	44	55	29,56	43	E	2	[in the night. Fine, a violent gale of wind
		2 0	46	58	29,64	55	W	1	Fine. [ning in the night.
	2	8 0	44	53	29,81	41	W	1	Cloudy, wind and light-
		2 0	48	56	29,87	49	W	1	Fine.
	3	8 0	50	53	29,75	40	S	2	Cloudy.
		2 0	54	58	29,59	58	NW	1,2	Rain.
	4	8 0	39	52	29,86	37	W	1	Fine.
		2 0	56	57	29,87	57	W	1	Cloudy.
	5	8 0	48	55	29,74	39	W	2	Rain. [ning at 3 P. M.
		2 0	58	60	29,80	48	W	1,2	Rain, thunder and light-
	6	8 0	39	53	30,12	38	W	1	Hazy.
		2 0	43	56	30,19	48	W	1	Fine.
	7	8 0	40	53	30,10	38	SE	1	Cloudy.
		2 0	45	56	29,90	45	SE	1	Cloudy.
	8	8 0	48	55	29,96	43	W	1	Cloudy.
		2 0	51	57	30,03	52	W	1	Cloudy.
	9	8 0	48	56	30,08	44	SW	1	Cloudy.
		2 0	52	56	30,08	54	W	1	Rain.
	10	8 0	48	56	30,05	44	S	2	Cloudy.
		2 0	53	59	29,98	54	S	2	Fine.
	11	8 0	43	55	30,17	43	W	1	Foggy.
		2 0	46	59	30,26	54	N	1	Fine.
	12	8 0	42	53	30,28	37	E	1	Fine.
		2 0	48	56	30,21	48	SSE	1	Cloudy.
	13	8 0	47	54	29,95	45	S by E	1	Cloudy.
		2 0	52	59	29,92	53	S by E	1	Fine.
	14	8 0	43	56	30,00	42	S	1	Fine.
		2 0	51	56	29,98	54	SW	1	Rain.
	15	8 0	49	56	29,96	43	S	1	Fine.
		2 0	51	60	29,96	53	SSW	1	Fine.
	16	8 0	50	55	29,80	49	S	1	Fine.
			53	57	29,73	54	S	1	Cloudy.

Rain this Month 3,936 Inches.



## METEOROLOGICAL JOURNAL

for December, 1821.

1821	Time.	Therm. without.	Therm. within.	Barom.	Six's Therm.	Winds.		Weather.
	H. M.	°	°	Inches.		Points.	Str.	
Dec. 17	8 0	50	53	29,51	49	SW	2,3	Rain.
	2 0	52	55	29,49	53	SW	1	Cloudy. [at 3 A. M.
18	8 0	45	55	28,98	43	W	1	Fine, a most violent gale
	2 0	50	58	29,13	53	W	2	Rain and hail.
19	8 0	45	54	29,03	44	SW	1	Fine.
	2 0	49	57	29,12	50	NW	1	Fine.
20	S 0	42	53	29,31	40	W	1	Foggy.
	2 0	46	57	29,37	51	W	1	Fine.
21	8 0	47	54	28,80	40	NW	2	Cloudy.
	2 0	49	52	29,12	50	W	2	Fine.
22	8 0	41	53	29,41	41	SW	1	Fine.
	2 0	49	57	29,48	50	W	1	Cloudy.
23	8 0	42	52	28,97	41	W	2	Fine.
	2 0	47	52	29,15	52	W	1	Rain.
24	8 0	43	51	28,92	41	S	2	Rain.
	2 0	47	54	28,75	48	E	1	Rain.
25	8 0	40	52	28,18	40	S	1	Cloudy.
	2 0	42	53	28,46	48	W	1	Fine.
26	8 0	37	49	28,51	36	E	1	Hazy.
	2 0	42	53	28,48	45	E	1	Cloudy.
27	8 0	39	48	28,91	35	S	1	Fine.
	2 0	45	51	28,98	46	S	1,2	Fine.
28	8 0	40	49	29,85	39	S	1,2	Cloudy. [wind and rain.
	2 0	44	49	28,45	46	E	3	Rain, a violent squall of
29	8 0	4+	50	28,30	37	E	1	Thick fog.
	2 0	48	53	28,56	48	W	1	Cloudy.
30	8 0	42	50	29,01	42	W	1	Cloudy.
	2 0	44	50	29,15	47	NW	1	Rain.
31	8 0	37	48	29,84	37	W	1	Fine.
	2 0	44	53	29,96	45	W	1	Fine.

Rain this Month 3,936 Inches.

1821.	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.	Inches.
January	51	25	39,5	58	38	49,0	30,76	28,98	30,01	52	25	39,7	1,854
February	59	25	38,0	59	42	50,3	30,77	29,21	30,23	61	25	38,4	0,278
March	57	34	44,7	69	48	56,4	30,38	29,06	29,63	59	31	45,2	1,917
April	71	37	53,5	69	51	58,6	30,12	29,25	29,65	72	36	53,1	1,137
May	66	42	53,3	65	52	57,8	30,25	29,17	29,86	70	37	52,7	1,093
June	72	47	57,7	67	52	59,4	30,32	29,57	30,03	73	43	57,0	1,833
July	72	51	60,9	71	57	62,4	30,30	29,56	29,91	74	46	60,6	2,236
August	76	56	65,3	79	61	66,6	30,19	29,47	29,92	77	50	64,7	2,097
September	71	49	62,4	71	57	64,0	30,20	29,49	29,85	75	46	62,0	1,810
October	66	43	53,3	67	53	57,4	30,33	29,11	29,87	68	41	52,7	1,931
November	62	35	49,7	63	42	56,8	30,20	29,21	29,80	63	34	49,6	3,445
December	58	37	46,1	60	49	54,3	30,28	28,18	29,51	58	36	45,8	3,936
Whole year			52,0			57,8			29,86			51,8	23,567

\* 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 75,6 inches above the surrounding ground.