

# METEOROLOGICAL JOURNAL,

KEPT AT THE APARTMENTS

OF THE

## ROYAL SOCIETY,

BY ORDER OF THE

## PRESIDENT AND COUNCIL.

MDCCCXXI.

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## METEOROLOGICAL JOURNAL

for January, 1820.

1820	Time.		Therm. without.	Therm. within.	Barom.	Six's Therm.	Winds.		Weather.
	H. M.	°	°	Inches.		Points.	Str.		
Jan. 1	8 0	26	43	29,42	23	NW	1	Cloudy and foggy.	
	2 0	28	42	29,49	29	NW	1	Cloudy.	
2	8 0	31	40	29,60	24	S	1	Fine.	
	2 0	37	39	29,52	38	SW	1	Cloudy.	
3	8 0	34	40	29,52	33	SW	1	Cloudy, some snow.	
	2 0	33	48	29,86	37	NW	1	Fine.	
4	8 0	27	41	30,07	27	SW	1	Fog.	
	2 0	32	57	30,05	31		1	Fine, rather hazy.	
5	8 0	19	35	30,14	20	W	1	Foggy.	
	2 0	30	44	30,16	34	W	1	Cloudy.	
6	8 0	28	37	30,11	26	W	1	Cloudy.	
	2 0	35	48	30,12	37	SSW	1	Cloudy and hazy.	
7	8 0	34	41	30,22	33	SE	1	Cloudy.	
	2 0	30	47	30,39	35	E	1	Cloudy.	
8	8 0	27	42	30,52	27	N	1	Fine, rather hazy.	
	2 0	29 <sup>1</sup> / <sub>2</sub>	45	30,55	32	N	1	Cloudy.	
9	8 0	24	39	30,68	25	N	1	Cloudy, snow in the night	
	2 0	33	39	30,63	34	N	1	Cloudy.	
10	8 0	23	37	30,51	23	S	1	Cloudy, snow in the night	
	2 0	27	45	30,45	29	S	1	Cloudy, some snow.	
11	8 0	26	38	29,98	23	S	1	Cloudy, snow in the night	
	2 0	32	47	29,73	31	S	1	Snow.	
12	8 0	37	39	29,97	35	E	1	Cloudy.	
	2 0	26	46	30,13	29	E	1	Cloudy.	
13	8 0	21	31	30,14	20		1	Thick fog.	
	2 0	28	42	30,13	39	E	1	Cloudy and hazy.	
14	8 0	26	39	30,19	33	E	1	Cloudy.	
	2 0	27	40	30,16	38	E	1	Cloudy.	
15	8 0	25	34	29,87	23 <sup>1</sup> / <sub>2</sub>		1	Cloudy.	
	2 0	23	39	29,73	37	E	1	Cloudy.	
16	8 0	25	37	29,68	23			Cloudy and foggy.	
	2 0	28	31	29,71	34	NW		Cloudy.	

Rain this Month 0,444 Inches.

## METEOROLOGICAL JOURNAL

for January, 1820.

1820	Time.		Therm. without.	Therm. within.	Barom.	Six's Therm.	Winds.		Weather.
	H.	M.	°	°	Inches.		Points.	Str.	
Jan. 17	8	0	31	35	29.65	26	W	1	Cloudy and foggy.
	2	0	33	44	29.56	35	W	1	Cloudy.
18	8	0	29	36	29.37	28 $\frac{1}{2}$		1	Cloudy, snow in the night
	2	0	32	45	29.34	33	E	1	Cloudy.
19	8	0	47	43	28.84	33	E	1	Cloudy, rain in the night.
	2	0	37	47	28.94	47	W	1	Cloudy.
20	8	0	36	43	29.52	32	W	1	Cloudy.
	2	0	33	57	29.41	35	W	1	Cloudy.
21	8	0	33	45	29.15	31 $\frac{1}{2}$	W	1	Cloudy.
	2	0	36	50	29.31	37	SSE	1	Cloudy.
22	8	0	29	43	30.03	27	SE	1	Cloudy.
	2	0	32	48	30.12	34 $\frac{1}{2}$	ESE	1	Cloudy and hazy.
23	8	0	32	41	30.11	27	ESE	1	Cloudy.
	2	0	39	43	30.07	39	SbyW	1	Fine.
24	8	0	38	42	29.84	35	S	2,3	Cloudy.
	2	0	43	45	29.74	43	SW	1,2	Rain.
25	8	0	43	45	29.86	38	NE	1	Rain.
	2	0	42	53	29.66	46	NNE	1	Rain.
26	8	0	44	48	29.48	40	W	1	Cloudy.
	2	0	48	53	29.62	46	W	1	Cloudy.
27	8	0	48	50	29.58	45	W	1,2	Fine.
	2	0	48	57	29.51	53	W	2	Cloudy.
28	8	0	43	52	29.55	43	N	1	Cloudy.
	2	0	45	51	29.78	47	SE	1	Fine.
29	8	0	40	52	30.17	40	N	1	Cloudy.
	2	0	33	54	30.17	36	N	1	Fine.
30	8	0	41	51	30.07	39	N	1	Cloudy.
	2	0	44	56	30.05	46	N	1	Cloudy.
31	8	0	42	50	30.00	41	S	1,2	Fine.
	2	0	46	56	30.00	51	SW	1	Cloudy.

Rain this Month 0.444 Inches.

## METEOROLOGICAL JOURNAL

for February, 1820.

1820	Time.		Therm. without.	Therm. within.	Barom.	Six's Therm.	Winds.		Weather.
	H.	M.	°	°	Inches.		Points.	Str.	
Feb.	1	8 0	38	51	29.99	37	SbyE	1	Fine, rather hazy.
		2 0	45	59	29.90	51	E	1	Fine.
	2	8 0	34	50	29.83	34	E	1	Foggy.
		2 0	40	56	29.86	48	E	1	Hazy and cloudy.
	3	8 0	35	50	29.96	34	N	1	Hazy.
		2 0	36	54	29.99	37	N	1	Hazy.
	4	8 0	34	48	30.04	34	W	1	Hazy and cloudy.
		2 0	38	51	30.04	38	SbyE	1	Cloudy.
	5	8 0	39	47	29.96	35	S	2	Cloudy.
		2 0	44	52	29.91	43	S	1	Rain.
	6	8 0	43	49	29.82	42	S	1	Cloudy.
		2 0	46	49	29.91	47	S	1	Cloudy.
	7	8 0	47	49	30.11	47	SW	1	Cloudy.
		2 0	48	52	30.12	49	S	1	Cloudy.
	8	8 0	44	52	30.14	43	W	1	Cloudy.
		2 0	45	55	30.15	45	SW	1	Cloudy.
	9	8 0	42	50	30.05	41	S	1.2	Fine.
		2 0	50	57	29.92	52	S	1	Fine.
	10	8 0	45	54	29.85	41	W	1	Cloudy.
		2 0	47	52	29.96	50	SW	1	Fine.
	11	8 0	37	51	30.12	35	W	1	Cloudy.
		2 0	48	55	30.02		S	1	Cloudy.
	12	8 0	41	52	29.85	40	S	1	Cloudy and hazy.
		2 0	43	54	29.94	44	SW	1	Cloudy.
	13	8 0	40	51	30.03	39	S	1	Cloudy.
		2 0	44	50	30.00	42	S	1	Fine.
	14	8 0	37	49	30.18	36	NE	1	Cloudy.
		2 0	48	54	30.23	48	N	1	Cloudy.
	15	8 0	36	47	30.32	34	S	1	Cloudy.
		2 0	41	54	30.31	43	NbyE	1	Fine.

Rain this Month 1.425 Inches.

## METEOROLOGICAL JOURNAL

for February, 1820.

1820	Time.		Therm. without.	Therm. within.	Barom.	Six's Therm.	Winds.		Weather.
	H.	M.	o	o	Inches.		Points.	Str.	
Feb. 16	8	0	28	40	30.27	30	N	1	Cloudy.
	2	0	40	42	30.24	38	N	1	Fine.
17	8	0	29	43	30.11	29	NW	1	Foggy.
	2	0	41	51	30.08	43	NW	1	Fine.
18	8	0	27	46	30.09	26	NNE	1	Cloudy and hazy.
	2	0	35	51	30.08	35	SE	1.2	Fine.
19	8	0	33	46	30.10	32	N	1	Cloudy.
	2	0	34	49	30.08	36	SSE	1.2	Cloudy.
20	8	0	32	45	29.91	31	WSW	1	Snow.
	2	0	33	43	29.86	33	W	1	Cloudy.
21	8	0	30	42	29.83	30	S	1	Cloudy.
	2	0	36	50	29.83	38	N	1	Rain.
22	8	0	36	46	29.81	35	N	1	Rain.
	2	0	48	48	29.59	37	S	1	Cloudy.
23	8	0	46	48	29.57	45	SSE	1	Cloudy.
	2	0	47	52	29.52	49	SSE	1	Rain.
24	8	0	38	48	29.45	37	SW	1	Cloudy.
	2	0	39	53	29.38	39	N	1	Rain.
25	8	0	36	49	29.44	36	NbyE	2.3	Rain.
	2	0	39	52	29.52	39	N	1	Cloudy.
26	8	0	35	48	29.93	35	E	1	Cloudy.
	2	0	35	54	30.02	37	N	1	Cloudy.
27	8	0	32	46	30.11	31	N	1	Cloudy.
	2	0	39	47	30.09	43	N	1	Fine.
28	8	0	32	43	30.00	30	E	1	Fine.
	2	0	40	48	29.94	48	E	1	Cloudy.
29	8	0	28	44	29.87	28	SW	1	Cloudy.
	2	0	42	49	29.74	48	W	1	Fine.

Rain this Month 1.425 Inches.

## METEOROLOGICAL JOURNAL

for March, 1820.

1820	Time.		Therm. without.	Therm. within.	Barom.	Six's Therm.	Winds.		Weather.	
	H.	M.	o	o	Inches.		Points.	Str.		
Mar.	1	7	0	39	47	29,50	37	N	1	Cloudy.
		2	0	45	53	29,57	55	N	1	Cloudy.
	2	7	0	34	46	28,95	34	N	2,3	Snow.
		2	0	41	55	29,17	42	E	2	Fine.
	3	7	0	31	44	29,70	29	N	1,2	Fine.
		2	0	43	54	29,84	43	N	1	Fine.
	4	7	0	31	45	29,99	30	N	1	Fine.
		2	0	38	50	29,99	40	SE	1	Fine.
	5	7	0	28	43	30,16	31	NE	1	Fine.
		2	0	41	43	30,16	42	NE	1	Fine.
	6	7	0	31	43	30,16	30	N	1	Cloudy.
		2	0	36	47	30,15	59	NE	1	Cloudy.
	7	7	0	31	43	30,17	28	N	1	Cloudy.
		2	0	34	50	30,12	35	W	1	Rain.
	8	7	0	34	44	30,24	34	NbyE	1	Cloudy.
		2	0	41	49	30,25	45	E	1	Cloudy.
	9	7	0	33	44	30,18	30	W	1	Fine.
		2	0	44	51	30,06	47	W	2	Cloudy.
	10	7	0	35	47	29,87	33	S	1	Cloudy.
		2	0	42	52	29,71	46	SSE	1	Fine.
	11	7	0	35	47	29,64	33	E	1	Cloudy and hazy.
		2	0	45	57	29,58	56	E	1	Fine.
	12	7	0	34	49	29,47	33	E	1	Cloudy.
		2	0	47	53	29,41	57	E	1	Fine.
	13	7	0	40	48	29,57	38	NW	1,2	Cloudy.
		2	0	48	55	29,72	50	NW	1	Fine.
	14	7	0	43	49	30,07	38	W	2	Cloudy.
		2	0	52	57	30,15	53	SSW	1	Cloudy.
	15	7	0	49	53	30,23	48	NW	1	Cloudy.
		2	0	58	57	30,25	61	N	1	Cloudy.
	16	7	0	46	54	30,36	46	E	1	Cloudy.
		2	0	48	58	30,36	51	E	1	Fine.

Rain this Month 1,325 Inches.

## METEOROLOGICAL JOURNAL

for March, 1820.

1820	Time.	Therm. without.	Therm. within.	Barom.	Six's Therm.	Winds.		Weather.
	H. M.	o	o	Inches.		Points.	Str.	
Mar. 17	7 0	40	54	30.27	39	SW	1	Cloudy, and very hazy.
	2 0	50	60	30.25	50	N	1	Fine.
18	7 0	38	52	30.34	37	SE	1	Fine.
	2 0	54	60	30.33	55	E	1	Fine.
19	7 0	41	52	30.25	40	N	1	Cloudy, some rain in the [night.
	2 0	43	55	30.22	47	E	1	Cloudy.
20	7 0	38	49	30.24	38	N	1	Cloudy and hazy.
	2 0	44	56	30.22	46	SW	1	Fine.
21	7 0	36	49	30.16	35	W	1	Cloudy and hazy.
	2 0	49	55	30.02	50	W	1	Cloudy.
22	7 0	44	51	29.76	39	N	1	Fine.
	2 0	50	63	29.80	52	NW	1	Fine.
23	7 0	45	53	29.36	44	W	1.2	Fine, rain in the night.
	2 0	48	60	29.11	53	WNW	2.3	Cloudy.
24	7 0	43	54	29.07	40	W	1	Fine.
	2 0	48	60	28.93	54	S	1	Fine.
25	7 0	38	51	29.17	37	NW	1	Fine.
	2 0	46	63	29.36	46	S	1	Fine.
26	7 0	36	51	29.76	33	SSW	1	Cloudy.
	2 0	43	53	29.58	43	SSW	1	Cloudy, rain at 1 P. M.
27	7 0	37	52	29.77	38	W	1	Rain.
	2 0	51	62	29.80	52	SbyW	1	Cloudy.
28	7 0	47	53	29.95	45	W	1.2	Fine.
	2 0	57	63	30.01	60	SW	1	Fine.
29	7 0	50	56	30.17	48	SW	1	Fine.
	2 0	62	64	30.07	61	SW	1	Fine.
30	7 0	49	54	29.94	48	SW	1	Fine.
	2 0	64	63	29.96	64	N	1	Fine.
31	7 0	45	55	30.01	41	SW	1	Cloudy.
	2 0	60	67	29.98	66	S	1	Fine.

Rain this Month 1.325 Inches.

## METEOROLOGICAL JOURNAL

for April, 1820.

1820	Time.		Therm. without.	Therm. within.	Barom.	Six's Therm.	Winds.		Weather.
	H.	M.	o	o	Inches.		Points.	Str.	
Apr. 1	7	0	42	54	30,01	41	W	2	Cloudy.
	2	0	55	58	29,97	60	W	1	Cloudy.
2	7	0	52	56	30,06	47	W	1	Cloudy.
	2	0	56	59	30,06	64	W	1	Fine.
3	7	0	53	58	30,16	52	NE	1	Cloudy.
	2	0	58	61	30,17	59	E	1	Cloudy.
4	7	0	47	55	29,98	42	SE	1.2	Fine and clear.
	2	0	64	64	29,88	66	E	1	Fine.
5	7	0	48	57	29,80	45	NE	1	Hazy thick weather.
	2	0	62	66	29,71	66	S	1	Fine.
6	7	0	48	57	29,40	45	SE	1	Rain.
	2	0	54	60	29,38	56	W	1	Rain.
7	7	0	37	53	29,43	36	W	1	Fine.
	2	0	55	61	29,47	55	SW	1	Cloudy.
8	7	0	41	53	29,38	37	S	1.2	Fine.
	2	0	50	61	29,27	52	SbyE	1.2	Cloudy.
9	7	0	46	53	29,23	45	SSW	1	Cloudy.
	2	0	53	56	29,36	54	NW	1	Cloudy.
10	7	0	44	53	29,49	38	SSE	2	Cloudy.
	2	0	47	60	29,38	48	S	2	Rain.
11	7	0	47	53	29,44	46	SW	1	Cloudy.
	2	0	53	62	29,54	54	SW	1	Fine.
12	7	0	48	55	29,71	47	SW	1	Cloudy and hazy.
	2	0	56	61	29,79	56	S	1	Cloudy.
13	7	0	49	55	29,86	48	WSW	1	Cloudy and hazy.
	2	0	50	61	29,82	52	N	1	Rain.
14	7	0	49	57	29,59	47	SSW	1	Cloudy and hazy.
	2	0	50	61	29,59	52	WNW	1	Rain.
15	7	0	45	55	29,75	42	WNW	1	Fine.
	2	0	51	62	29,81	54	WNW	1	Fine.

Rain this Month 1,514 Inches.



## METEOROLOGICAL JOURNAL

for April, 1820.

1820	Time.		Therm. without.	Therm. within.	Barom.	Six's Therm.	Winds.		Weather.
	H.	M.	°	°	Inches.		Points.	Str.	
Apl. 16	7	0	47	55	30.04	40	WNW	1	Fine.
	2	0	58	60	30.06	58	WNW	1	Fine.
17	7	0	55	56	30.19	44	W	1	Fair.
	2	0	62	62	30.18	67	N	1	Fair.
18	7	0	51	58	30.16	58	N	1	Cloudy and hazy.
	2	0	60	65	30.13	64	SSE	1	Fine.
19	7	0	56	59	30.13	50	N	1	Fine.
	2	0	63	64	30.09	66	N	1	Fine.
20	7	0	53	59	30.11	49	NW	1	Fine.
	2	0	67	65	30.18	67	N	1	Cloudy.
21	7	0	51	59	30.27	48	NW	1	Fine.
	2	0	61	67	30.25	65	N	1	Fine.
22	7	0	53	59	30.33	48	E	1	Fine.
	2	0	59	63	30.34	60	E	1	Fine.
23	7	0	51	57	30.46	45	ESE	1	Fine.
	2	0	60	63	30.47	60	ESE	1	Fine.
24	7	0	50	58	30.50	44	NE	1	Fine.
	2	0	62	66	30.47	65	E	1.2	Fine.
25	7	0	48	56	30.42	44	N	1	Cloudy.
	2	0	60	64	30.31	61	N	1	Fine.
26	7	0	52	55	29.97	45	WNW	1	Fine.
	2	0	57	60	29.78	68	WSW	1	Fine.
27	7	0	45	55	29.67	45	N	2	Cloudy, rain in the night.
	2	0	45	56	29.81	49	NNW	1	Cloudy.
28	7	0	43	55	29.97	41	SSW	1	Cloudy.
	2	0	51	60	30.02	55	W	1	Fine.
29	7	0	48	55	30.08	40	W	1	Fine.
	2	0	55	59	30.08	63	W	1	Cloudy.
30	7	0	44	53	30.15	49	NW	1	Rain.
	2	0	56	58	30.19	69	WNW	1	Fine.

Rain this Month 1,514 Inches.

## METEOROLOGICAL JOURNAL

for May, 1820.

1820	Time.		Therm. without.	Therm. within.	Barom.	Six's Therm.	Winds.		Weather.
	H.	M.	°	°	Inches.		Points.	Str.	
May	1	7 0	47	52	30.28	42	SbW	1	Fine.
		2 0	54	57	30.29	67	SSW	1	Fine.
	2	7 0	47	50	30.25	45	W	1	Cloudy.
		2 0	56	58	30.15	60	E	1	Cloudy.
	3	7 0	45	56	30.14	45	ESE	1	Cloudy and hazy.
		2 0	49	56	30.10	50	E	1	Cloudy and hazy.
	4	7 0	45	56	29.98	43½	E	1	Cloudy and hazy.
		2 0	53	59	29.88	57	E	1	Cloudy.
	5	7 0	43	54	29.85	39	NE	1	Cloudy.
		2 0	52	60	29.84	56	N	1	Fine.
	6	7 0	45	54	29.88	40	W	1	Fine.
		2 0	55	60	29.81	60	W	1	Fine.
	7	7 0	50	52	29.58	48	WSW	1	Cloudy.
		2 0	55	57	29.54	60	WSW	1	Fine.
	8	7 0	54	56	29.68	51	SW	1	Cloudy, dull weather.
		2 0	60	58	29.66	66	WSW	1	Cloudy.
	9	7 0	53	60	29.62	51	S	1	Cloudy, rain in the night.
		2 0	60	64	29.66	68	WSW	1	Fine.
	10	7 0	55	59	29.78	53	S	2	Fine.
		2 0	63	62	29.83	64	S	2	Cloudy.
	11	7 0	54	59	29.92	52	S	2.3	Fine, rather cloudy.
		2 0	61	66	29.95	61	S	1	Fine.
	12	7 0	54	60	30.00	49	W	1	Cloudy.
		2 0	62	63	30.03	65	W	1	Fine.
	13	7 0	53	60	29.96	49	E	1	Hazy.
		2 0	60	60	29.87	60	SSW	1	Cloudy.
	14	7 0	55	58	29.86	51	SSW	1	Fine.
		2 0	59	61	29.81	63	SSW	1	Fine.
	15	7 0	52	58	29.79	48	S	1	Fair.
		2 0	63	64	29.79	65	S	1	Fine.
	16	7 0	53	60	29.68	51	W	1	Cloudy, rain in the night.
		2 0	58	63	29.66	63	SSW	1	Fine.

Rain this Month 1.393 Inches.

## METEOROLOGICAL JOURNAL

for May, 1820.

1820	Time.		Therm. without.	Therm. within.	Barom.	Six's Therm.	Winds.		Weather.
	H.	M.	o	o	Inches.		Points.	Str.	
May 17	7	o	53	59	29,74	49	SW	1.2	Cloudy.
	2	o	61	65	29,74	66	SW	1	Fine.
18	7	o	48	60	29,33	47	SW	1.2	Rain.
	2	o	54	62	29,17	56	S	3	Rain.
19	7	o	54	59	29,64	47	SW	1.2	Fine.
	2	o	60	62	29,79	70	WSW	1	Cloudy.
20	7	o	53	60	30,13	49	SW	1	Cloudy.
	2	o	60	62	30,21	65	SW	1	Cloudy.
21	7	o	54	60	30,22	49	SW	1	Fine.
	2	o	59	63	30,31	68	WSW	1	Fine.
22	7	o	54	60	30,20	52	E	1	Fine.
	2	o	68	68	30,14	68	E	1	Fine.
23	7	o	59	62	29,99	55	E	1	Fine.
	2	o	67	71	29,94	75	E	1	Fine.
24	7	o	62	64	29,71	56	E	1	Fine.
	2	o	67	67	29,76	69	W	1	Fair.
25	7	o	54	61	29,74	51	S	2	Rain.
	2	o	56	63	29,74	60	W	1.2	Rain.
26	7	o	52	59	29,80	47	W	1	Cloudy.
	2	o	56	62	29,78	62	S	2	Cloudy.
27	7	o	53	61	29,66	53	W	1	Rain.
	2	o	57	62	29,62	64	W	1	Fine.
28	7	o	53	59	29,68	50	NW	1	Cloudy.
	2	o	55	60	29,57	58	W	1	Rain.
29	7	o	53	57	29,35	43	NW	1	Cloudy.
	2	o	54	58	29,33	60	SW	1	Rain.
30	7	o	49	57	29,31	44	W	1	Fine.
	2	o	60	60	29,33	60	SSW	1	Fine.
31	7	o	52	56	29,34	47	W	1	Fine.
	2	o	57	61	29,39	59	N	1	Fine.

Rain this Month 1,393 Inches.

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for June, 1820.

1820	Time.		Therm. without.	Therm. within.	Barom.	Six's Therm.	Winds.		Weather.	
	H.	M.	°	°	Inches.		Points.	Str.		
June	1	7	0	50	55	29,54	45	W	2	Fine.
		2	0	59	61	29,54	59	WNW	1	Fine.
	2	7	0	52	57	29,55	49	SW	1	Fine.
		2	0	57	60	29,57	59	W	1	Rain.
	3	7	0	50	57	29,71	46	WbN	1	Cloudy.
		2	0	60	60	29,73	60	NW	1	Cloudy.
	4	7	0	50	56	29,86	49	NW	1	Rain.
		2	0	56	57	29,88	57	NW	1	Cloudy.
	5	7	0	51	56	29,95	45	N	1	Fine.
		2	0	63	59	29,94	63	W	1	Cloudy.
	6	7	0	52	57	29,83	51	W	1	Cloudy.
		2	0	58	57	29,97	59	W	1	Cloudy.
	7	7	0	50	56	30,06	47	W	1	Fine.
		2	0	61	59	29,95	63	N	1	Cloudy.
	8	7	0	54	57	29,94	54	N	1	Cloudy.
		2	0	64	59	29,92	64	WbN	1	Cloudy.
	9	7	0	55	59	29,80	54	W	1	Rain.
		2	0	61	60	29,73	63	NW	1	Cloudy.
	10	7	0	50	57	29,72	45	WbN	1	Fine.
		2	0	57	58	29,72	57	WbN	1	Fine.
	11	7	0	51	57	29,61	45	WNW	1	Fine.
		2	0	52	56	29,55	53	WNW	1	Cloudy.
	12	7	0	52	56	29,69	49	NW	1	Rain.
		2	0	60	60	29,77	65	E	1	Cloudy.
	13	7	0	50	56	29,85	45	NW	1	Fine.
		2	0	58	59	29,85	63	NW	1	Cloudy, some rain
	14	7	0	52	59	30,06	49	SE	1	Cloudy.
		2	0	57	58	30,05	59	SE	1	Fine.
	15	7	0	52	57	29,81	49	NW	1	Rain.
		2	0	57	58	29,89	63	NW	1	Cloudy.

Rain this Month 2,331 Inches.

## METEOROLOGICAL JOURNAL

for June, 1820.

1820	Time.	Therm. without.	Therm. within.	Barom.	Six's Therm.	Winds.		Weather.
	H. M.	o	o	Inches.		Points.	Str.	
June 16	7 o	53	56	29.94	48	N	1	Cloudy.
	2 o	59	58	29.94	60	NW	1	Cloudy.
17	7 o	55	57	29.92	53	NNW	1	Cloudy.
	2 o	63	60	29.95	66	W	1	Cloudy.
18	7 o	57	57	30.06	52	W	1	Fine.
	2 o	64	62	30.01	64	NNE	1	Fine.
19	7 o	57	59	29.70	52	N	1	Cloudy, rain in the night.
	2 o	63	63	29.72	65	NW	1	Fine.
20	7 o	53	59	29.64	51	W	1	Cloudy.
	2 o	60	60	29.75	66	NW	1	Rain.
21	7 o	54	59	29.85	50	NW	1	Fine.
	2 o	64	61	29.90	65	N	1	Cloudy.
22	7 o	56	59	30.02	52	NW	1	Cloudy.
	2 o	67	62	30.02	70	W	1	Cloudy.
23	7 o	58	60	30.11	54	W	1	Fine.
	2 o	60	61	30.13	65	W	1	Fine.
24	7 o	61	63	30.18	58	SW	1	Fine.
	2 o	72	73	30.21	76	SSW	1	Fine.
25	7 o	67	67	30.32	63	N	1	Fine.
	2 o	75	72	30.33	80	SSW	1	Fair.
26	7 o	70	70	30.38	65	W	1	Fine.
	2 o	84	77	30.37	84	NE	1	Fine.
27	7 o	71	70	30.37	70	E	1	Fine.
	2 o	79	76	30.37	85	WSW	1	Fine.
28	7 o	70	72	30.31	66	S	1	Fine.
	2 o	82	79	30.25	84	NW	1	Fine.
29	7 o	62	69	30.18	60	E	1	Cloudy.
	2 o	72	76	30.09	85	E	1	Fine.
30	7 o	62	69	29.94	58	E	1	Cloudy and hazy.
	2 o	67	67	29.98	69	E	1	Cloudy.

Rain this Month 2.331 Inches.

## METEOROLOGICAL JOURNAL

for July, 1820.

1820	Time.		Therm. without.	Therm. within.	Barom.	Six's Therm.	Winds.		Weather.
	H.	M.	°	°	Inches.		Points.	Str.	
July	1	7 0	59	64	30.18	58	N	1	Fine, rather cloudy.
		2 0	64	65	30.22	66	N	1	Fine.
	2	7 0	56	64	30.17	50	W	1	Fine.
		2 0	60	63	30.05	65	W	1	Rain.
	3	7 0	54	62	29.96	51	NW	1	Cloudy, rather hazy.
		2 0	62	64	29.91	64	W	1	Cloudy.
	4	7 0	57	61	29.92	54	NNW	1	Cloudy.
		2 0	60	61	29.98	63	E	1	Cloudy.
	5	7 0	55	61	30.07	54	N	1	Fine.
		2 0	60	60	30.09	61	NbE	1	Cloudy.
	6	7 0	54	60	30.11	50	NE	1	Cloudy.
		2 0	63	62	30.12	64	NbE	1	Cloudy.
	7	7 0	57	61	30.11	54	NbE	1	Cloudy.
		2 0	63	63	30.12	65	N	1	Fine.
	8	7 0	56	61	30.15	55	NE	1	Cloudy, rather hazy.
		2 0	60	60	30.16	64	N	1	Cloudy.
	9	7 0	56	60	30.16	54	NbE	1	Cloudy.
		2 0	65	60	30.14	64	NE	1	Cloudy.
	10	7 0	58	60	30.12	58	E	1	Cloudy.
		2 0	66	65	30.08	68	E	1	Fine, rather cloudy.
	11	7 0	56	61	30.06	53	EbS	1	Fine.
		2 0	66	64	30.02	67	ESE	1	Fine.
	12	7 0	53	60	29.97	52	E	1	Fine.
		2 0	65	65	29.88	68	E	1	Cloudy.
	13	7 0	59	61	29.86	56	EbS	1	Cloudy.
		2 0	62	61	29.82	65	ESE	1	Cloudy.
	14	7 0	59	61	29.82	55	NNE	1	Cloudy.
		2 0	65	62	29.84	68	NE	1	Fine.
	15	7 0	62	63	29.90	60	SW	1	Cloudy.
		2 0	70	65	29.93	73	WSW	1	Fine.
	16	7 0	60	63	29.95	57	E	1	Fine. [der storm at 11 A.M.]
		2 0	72	67	29.90	74	SE	1	Fine, rather cloudy, a thun-

Rain this Month 2.807 Inches.

## METEOROLOGICAL JOURNAL

for July, 1820.

1820	Time.		Therm. without.	Therm. within.	Barom.	Six's Therm.	Winds.		Weather.
	H.	M.	o	o	Inches.		Points.	Str.	
July 17	7	0	62	66	29,64	60	E	1	Rain.
	2	0	68	65	29,46	70	W	1	Cloudy, rain from 11 till 2.
18	7	0	55	63	29,39	55	S	1	Rains hard.
	2	0	67	65	29,35	69	WSW	1	Cloudy.
19	7	0	56	63	29,42	55	W	1	Cloudy, rather hazy.
	2	0	68	66	29,52	70	W	1	Cloudy.
20	7	0	58	63	29,65	56	W	1	Fine.
	2	0	69	70	29,71	70	WNW	1	Fine.
21	7	0	61	64	29,84	59	SW	1	Cloudy.
	2	0	70	66	29,91	71	W	1	Fine.
22	7	0	60	62	29,93	56	WSW	1	Fine.
	2	0	62	64	29,91	70	WSW	1	Cloudy.
23	7	0	57	63	29,89	59	WbN	1	Cloudy.
	2	0	65	63	29,94	66	NW	1	Cloudy.
24	7	0	58	63	29,95	55	W	1	Cloudy.
	2	0	69	66	29,95	70	NW	1	Fine.
25	7	0	62	65	29,86	60	W	1	Fine.
	2	0	67	67	29,84	70	W	1	Fine.
26	7	0	56	63	29,98	54	W	1	Fine.
	2	0	69	67	30,04	70	WNW	1	Fine.
27	7	0	62	65	30,04	60	W	1	Cloudy.
	2	0	72	72	30,02	72	WSW	1	Fine.
28	7	0	62	65	30,00	58	W	1	Fine.
	2	0	71	69	30,02	72	SW	1	Fine.
29	7	0	64	67	30,06	62	E	1	Cloudy.
	2	0	73	72	30,07	75	SSW	1	Fine.
30	7	0	63	67	30,06	61	SW	1	Fine.
	2	0	75	71	30,02	77	SE	1	Cloudy.
31	7	0	64	69	29,82	62	E	1	Fine.
	2	0	75	77	29,83	80	W	1	Fine.

Rain this Month 2,807 inches

## METEOROLOGICAL JOURNAL

for August, 1820.

1820	Time.		Therm. without.	Therm. within.	Barom.	Six's Therm.	Winds.		Weather.	
	H.	M.	°	°	Inches.		Points.	Str.		
Aug. 1	7	0	53	71	29,78	46	W	1	Cloudy.	
	2	0	73	70	29,83	75	SSW	1	Cloudy.	
	2	7	0	57	60	30,04	56	E	1	Fine.
	2	0	71	70	30,08	75	WSW	1	Fine.	
	3	7	0	64	68	29,98	60	S	1,2	Cloudy.
	2	0	71	69	29,89	75	S	1,2	Cloudy.	
	4	7	0	64	68	29,72	63	S	1	Cloudy, rain in the night.
	2	0	72	71	29,74	75	SWbS	1	Fine.	
	5	7	0	59	67	29,79	57	W	1	Fine.
	2	0	69	70	29,82	72	WSW	1	Cloudy. [in the night	
	6	7	0	57	65	29,72	56	S	2	Rain, much rain and wind
	2	0	68	67	29,58	70	WSW	1,2	Cloudy.	
	7	7	0	60	64	29,68	57	W	1	Cloudy.
	2	0	69	69	29,87	70	WbN	1	Cloudy.	
	8	7	0	54	63	29,96	58	WSW	1	Cloudy.
	2	0	69	65	29,99	70	WSW	1	Cloudy.	
	9	7	0	57½	64	29,91	60	ESE	1	Fine.
	2	0	69	71	30,04	70	WNW	1	Fine.	
	10	7	0	59	65	30,25	55	W	1	Cloudy.
	2	0	71	72	30,26	72	S	1	Fine.	
	11	7	0	61	66	30,25	59	W	1	Hazy.
	2	0	72	73	30,22	72	W	1	Fine.	
	12	7	0	60	66	30,16	62	W	1	Cloudy.
	2	0	71	72	30,15	77	W	1	Fine.	
	13	7	0	61	67	30,11	59	N	1	Fine, rather cloudy.
	2	0	70	72	30,06	71	NW	1	Fine.	
	14	7	0	61	67	29,98	59	SbW	1	Fine.
	2	0	72	75	29,94	75	SSW	1	Fine.	
	15	7	0	60	67	29,88	57	W	1	Fine.
	2	0	73	73	29,82	75	WSW	1	Fine.	
	16	7	0	64	69	29,78	62	W	1	Cloudy.
	2	0	72	71	29,81	74	W	1,2	Cloudy.	

Rain this Month 1,315 Inches.



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for August, 1820.

1820	Time.		Therm. without.	Therm. within.	Barom.	Six's Therm.	Winds.		Weather.
	H.	M.	°	°	Inches.		Points.	Str.	
Aug. 17	7	0	66	68	29,79	63	SW	2	Cloudy.
	2	0	71	71	29,76	73	W	2	Fair.
18	7	0	61	68	29,83	59	N	1	Hazy and cloudy.
	2	0	73	69	29,81	74	WSW	1	Fine.
19	7	0	59	66	29,72	57	E	1	Rather cloudy.
	2	0	68	66	29,71	70	WSW	1	Cloudy.
20	7	0	53	64	29,84	50	W	1	Fine.
	2	0	64	72	29,85	67	SSW	1	Cloudy.
21	7	0	58	63	29,82	56	N	1	Rain.
	2	0	58	64½	29,77	65	ESE	1	Rain.
22	7	0	54	62	29,76	53	N	2	Cloudy, rain in the night.
	2	0	59	62	29,79	60	WSW	2	Cloudy.
23	7	0	52	59	29,99	50	N	1	Fine, rather hazy.
	2	0	60	61	30,09	62	N	1	Cloudy.
24	7	0	56	60	30,15	52	E	1	Fine.
	2	0	63	64	30,08	66	WSW	1	Fine.
25	7	0	57	60	29,91	52	S	1.2	Cloudy.
	2	0	65	62	29,80	66	SW	1.2	Cloudy.
26	7	0	57	61	29,67	55	SW	2	Fine.
	2	0	64	65	29,66	68	W	1	Cloudy.
27	7	0	53	61	29,66	51	W	1	Fine.
	2	0	64	64	29,72	66	WSW	1	Rain.
28	7	0	54	62	29,48	53	WbN	1	Fine and clear.
	2	0	60	64	29,51	65	SW	1	Fine.
29	7	0	52	60	29,61	50	W	1	Fine.
	2	0	64	66	29,69	66	ESE	1	Fair.
30	7	0	51	61	29,86	49	WbN	1	Fine, but rather hazy.
	2	0	61	64	29,99	64	SSW	1	Fine.
31	7	0	53	61	30,02	51	EbS	1	Cloudy and hazy.
	2	0	61	65	30,04	63	NE	1	Fair.

Rain this Month 1.315 Inches.

## METEOROLOGICAL JOURNAL

for September, 1820.

1820	Time.	Therm. without.	Therm. within.	Barom.	Six's Therm.	Winds.		Weather.
	H. M.	°	°	Inches.		Points.	Str.	
Sep. 1	7 0	53	60	30,07	51	NE	1	Fine, rather hazy.
	2 0	64	63	30,05	65	NE	1	Fine.
	2 0	54	60	30,03	52	N	1	Fine, rather hazy.
	2 0	63	64	30,03	64	ESE	1	Fine.
	3 0	57	61	30,08	55	N	1	Cloudy.
	2 0	64	64	30,11	64	SSE	1	Fine, rather hazy.
	4 0	50	60	30,14	48	SW	1	Cloudy and hazy.
	2 0	65	64	30,14	66	N	1	Cloudy.
	5 0	52	60	30,10	50	NbyE	1	Hazy.
	2 0	55	65	30,07	56	ENE	1	Fine.
	6 0	53	61	30,03	51	NE	1	Cloudy, rather hazy.
	2 0	63	68	30,03	64	E	1	Fine.
	7 0	54	61	30,07	51	E	1	Hazy.
	2 0	62	66	30,07	64	SE	1	Fine.
	8 0	57	63	30,17	55	W	1	Cloudy and hazy.
	2 0	67	66	30,25	67	N	1	Fine.
	9 0	53	63	30,34	52	E	1	Hazy.
	2 0	65	69	30,35	68	WNW	1	Fine.
	10 0	54	63	30,30	52	SW	1	Cloudy.
	2 0	66½	69	30,27	67	WNW	1	Fair.
	11 0	57	64	30,26	56	N	1	Hazy thick weather.
	2 0	69½	70	30,25	72	ESE	1	Cloudy.
	12 0	61	66	30,21	59	E	1	Hazy.
	2 0	70	73	30,22	73	ESE	1	Fine.
	13 0	58	66	30,17	56	E	1	Hazy.
	2 0	69	74	30,13	70	E	1	Fine.
	14 0	59	66	29,96	56	S	1	Fine.
	2 0	71	72	29,88	72	SSE	1	Fine, rather hazy.
	15 0	60	67	29,69	58	SW	1.2	Fine.
	2 0	63	67	29,76	71	WSW	1	Fine, rather hazy.

Rain this Month 2,058 Inches.

## METEOROLOGICAL JOURNAL

for September, 1820.

1820	Time.		Therm. without.	Therm. within.	Barom.	Six's Therm.	Winds.		Weather.
	H.	M.	o	o	Inches.		Points.	Str.	
Sep. 16	7	o	55	62	29.94	51	W	1	Fine.
	2	o	64	64	29.96	65	W	1	Fine.
17	7	o	57	63	29.97	54	W	1	Fine.
	2	o	62	63	29.91	65	W	1	Fine.
18	7	o	54	62	29.53	53	N	1	Rain ; a heavy rain in the [night.
	2	o	56	61	29.59	66	N	1.2	Cloudy.
19	7	o	46	67	29.80	43	WNW	1	Fine.
	2	o	54	63	29.94	56	WbN	1	Fair.
20	7	o	42	57	29.98	40	W	1	Fine.
	2	o	55	59	29.75	58	SW	1	Rain.
21	7	o	44	56	29.44	44	W	1	Fine.
	2	o	54	59	29.41	57	NW	1.2	Cloudy.
22	7	o	47	55	29.64	43	N	1	Cloudy, rather hazy.
	2	o	56	58	29.82	59	WNW	1	Cloudy.
23	7	o	56	57	29.96	47	SW	1	Cloudy.
	2	o	64	60	29.97	65	W	1	Fine.
24	7	o	57	59	29.75	56	SSW	2	Rain.
	2	o	65	61	29.58	66	W	1	Fine.
25	7	o	51	57	29.66	49	W	1	Fine.
	2	o	53	62	29.65	64	NW	1	Fine.
26	7	o	48	56	29.83	44	N	1	Cloudy.
	2	o	53	58	29.99	56	NNE	1	Cloudy.
27	7	o	41	53	30.12	38	W	1	Cloudy.
	2	o	53	56	30.04	55	W	1	Rain.
28	7	o	48	54	30.07	41	SSW	1	Cloudy.
	2	o	59	58	30.03	60	W	1	Cloudy.
29	7	o	53	57	29.95	48	NE	1	Rain.
	2	o	57	56	30.11	61	SSE	1	Cloudy.
30	7	o	48	56	30.16	46	E	1	Cloudy and hazy.
	2	o	61	58	30.05	62	S	1	Cloudy.

Rain this Month 2,958 Inches.

## METEOROLOGICAL JOURNAL

for October, 1820.

1820	Time.		Therm. without.	Therm. within.	Barom.	Six's Therm.	Winds.		Weather.	
	H.	M.	°	°	Inches.		Points.	Str.		
Oct.	1	8	0	52	57	30,07	48	NNE	1	Cloudy.
		2	0	57	61	30,21	62	N	1	Cloudy.
	2	8	0	49	56	30,36	46½	W	1	Fine, rather hazy.
		2	0	57	59	30,42	58½	NNW	1	Cloudy.
	3	8	0	50	56	30,49	46	NbE	1	Fine, rather hazy.
		2	0	56	60	30,53	58	NNE	1	Fine.
	4	8	0	46	55	30,52	43	NE	1	Fine.
		2	0	56	57	30,44	58	ESE	1	Fine.
	5	8	0	51	56	30,34	46	N	1	Fine, rather hazy.
		2	0	56	61	30,27	58	NE	1	Fine.
	6	8	0	51	56	30,23	48	NEbN	1	Cloudy.
		2	0	58	60	30,19	59	E	1	Fine.
	7	8	0	49	57	30,16	48	N	1	Fine, rather hazy.
		2	0	58	61	30,14	60	ESE	1	Cloudy.
	8	8	0	49	56	30,14	48	EbN	1	Cloudy.
		2	0	58	58	30,17	60	E	1	Cloudy.
	9	8	0	50	56	30,20	49	N	1	Cloudy.
		2	0	55	57	30,19	58	NNW	1	Cloudy.
	10	8	0	47	55	30,13	47	N	1	Cloudy.
		2	0	64	56	30,07	65	SW	1	Cloudy.
	11	8	0	47	55	29,99	46	N	1	Fine.
		2	0	52	53	29,95	54	N	1	Cloudy.
	12	8	0	45	49	30,01	44	N	1	Fine.
		2	0	50	56	30,04	52	N	1	Cloudy.
	13	8	0	39	51	29,99	39	W	1	Fine, rather hazy.
		2	0	50	53	29,95	52	E	1	Cloudy.
	14	8	0	47	52	29,75	40	SE	1	Cloudy.
		2	0	52	49	29,40	54	SbE	1	Cloudy. [hard in the night.
	15	8	0	58	56	29,03	50	S	3	Stormy ; rained & blowed
		2	0	57	58	29,01	62	S	1	Cloudy.
	16	8	0	47	54	29,15	46	W	1	Cloudy.
		2	0	51	55	29,13	56	SW	1	Fine.

Rain this Month 1,582 Inches.

## METEOROLOGICAL JOURNAL

for October, 1820.

1820	Time.	Therm. without.	Therm. within.	Barom.	Six's Therm.	Winds.		Weather.
	H. M.	°	°	Inches.		Points.	Str.	
Oct. 17	8 0	48	53	28,84	45	S	2	Rain.
	2 0	52	57	28,84	55	W	2	Fine.
	8 0	43	54	29,93	43	W	1	Cloudy, rather hazy.
18	2 0	52	57	29,98	54	W	1	Rain.
	8 0	46	54	30,26	46	W	1	Cloudy.
19	2 0	53	55	29,31	55	SSW	1	Cloudy.
	8 0	43	53	28,86	43	WSW	1.2	Fine.
20	2 0	49	55	29,92	54	WSW	1	Cloudy.
	8 0	40	52	29,33	41	W	1	Hazy.
21	2 0	51	55	29,49	53	N	1	Fine.
	8 0	40	52	29,09	40	S	3	A violent gale of wind and [rain.
22	2 0	50	54	28,71	52	S	1.2	Cloudy.
	8 0	46	52	28,97	45	N	1	Cloudy.
23	2 0	51	57	29,13	53	NNW	1	Cloudy.
	8 0	45	53	28,88	45	SW	1	Fine.
24	2 0	48	56	28,69	52	WSW	1	Cloudy.
	8 0	44	55	28,96	42	WSW	1	Cloudy and hazy.
25	2 0	51	58	29,20	53		1	Cloudy.
	8 0	42	53	29,38	41	S	1	Cloudy.
26	2 0	49	57	29,03	52	SSW	1	Cloudy.
	8 0	47	54	28,96	41	W	1	Fine.
27	2 0	52	57	29,11	57	W	1	Cloudy.
	8 0	43	55	29,54	41	W	1	Fine.
28	2 0	51	59	29,66	52	NW	1	Fine.
	8 0	42	53	29,54	41	SbyE	1	Cloudy.
29	2 0	46	53	29,27	52	SSE	1	Rain.
	8 0	41	53	29,51	40	W	1	Cloudy.
30	2 0	48	62	29,62	50	WSW	1	Cloudy.
	8 0	44	55	29,49	41	WSW	1	Cloudy and hazy.
31	2 0	49	58	29,35	50	ESE	1	Cloudy.

Rain this Month 1,582 Inches.

## METEOROLOGICAL JOURNAL

for November, 1820.

1820	Time.		Therm. without.	Therm. within.	Barom.	Six's Therm.	Winds.		Weather.
	H.	M.	°	°	Inches.		Points.	Str.	
Nov.	1	8 0	45	56	29.33	44	N	1	Cloudy and dark.
		2 0	47	58	29.46	49	N	1	Cloudy.
	2	8 0	37	54	29.73	37	W	1	Fine.
		2 0	47	60	29.75	48	WNW	1	Fine.
	3	8 0	34	46	29.82	34	W	1	Foggy.
		2 0	46	56	29.86	47	SW	1	Fine.
	4	8 0	36	49	29.85	35	N	1	Foggy.
		2 0	47	55	29.86	49	NE	1	Fine.
	5	8 0	31	49	29.93	31	W	1	Hazy.
		2 0	42	49	29.85	47	ESE	1	Rain.
	6	8 0	47	51	29.69	31	W	1	Cloudy and hazy.
		2 0	52	57	29.74	53	W	1	Cloudy.
	7	8 0	50	54	29.74	47	SW	1	Cloudy.
		2 0	55	58	29.74	56	S	1	Fine.
	8	8 0	51	57	29.79	51	SE	1	Cloudy and hazy.
		2 0	54	57	29.81	57	ESE	1	Rain.
	9	8 0	47	56	29.89	47	E	1	Cloudy.
		2 0	49	58	29.93	54	ESE	1	Cloudy and hazy.
	10	8 0	44	57	29.97	44	N	1	Cloudy.
		2 0	48	58	30.10	52		1	Fine.
	11	8 0	44	56	30.11	43	NbE	1	Cloudy.
		2 0	48	58	30.19	50	SSW	1	Cloudy.
	12	8 0	39	53	30.13	39	NW	1	Cloudy.
		2 0	45	57	29.95	49		1	Cloudy.
	13	8 0	39	51	29.57	38	NW	1	Cloudy.
		2 0	40	54	29.52	41		1	Cloudy.
	14	8 0	35	51	29.76	35	N	1	Hazy.
		2 0	39	52	29.77	39	SSW	1	Cloudy.
	15	8 0	35	49	29.87	38	NbE	1	Fine.
		2 0	40	52	29.91	43	NE	1	Fine.

Rain this Month 1,000 Inches.

## METEOROLOGICAL JOURNAL

for November, 1820.

1820	Time.		Therm.	Therm.	Barom.	Six's	Winds.		Weather.
	H.	M.	without.	within.	Inches.	Therm.	Points.	Str.	
Nov. 16	8	0	36	47	29,92	35	NbW	1	Fine, rather hazy.
	2	0	40	52	29,85	42	NbW	1	Cloudy and hazy.
17	8	0	35	50	29,67	32	SE	1	Cloudy and hazy.
	2	0	43	56	29,63	44		1	Rain.
18	8	0	36	51	29,80	35	NW	1	Hazy.
	2	0	45	55	29,86	47	WSW	1	Cloudy and hazy.
19	8	0	37	50	29,91	35		1	Foggy.
	2	0	45	50	29,91	47	WSW	1	Cloudy.
20	8	0	39	51	29,95	38	SbE	1	Fine.
	2	0	49	53	29,93	50	S	1.2	Cloudy.
21	8	0	48	52	29,88	47	SSW	1.2	Cloudy.
	2	0	49	57	29,83	51	SSW	1	Cloudy and hazy.
22	8	0	46	53	29,77	46	SbyE	1	Rain.
	2	0	49	58	29,74	50	SbyE	1	Rain.
23	8	0	44	54	29,57	44	E	1	Fine.
	2	0	47	61	29,50	50	NE	1	Cloudy.
24	8	0	40	57	29,68	39		1	Thick fog.
	2	0	48	59	29,70	49	NE	1	Cloudy.
25	8	0	43	55	29,56	40	E	1	Cloudy.
	2	0	47	57	29,56	48	ESE	1	Cloudy.
26	8	0	45	55	29,78	47	S	1	Fine.
	2	0	42	55	29,84	44	SSW	1	Cloudy.
27	8	0	42	53	29,89	42	E	1	Cloudy.
	2	0	48	57	29,90	52	E	1	Fine.
28	8	0	40	52	30,05	38	NE	1	Cloudy.
	2	0	43	57	30,11	47	SSE	1	Cloudy and hazy.
29	8	0	39	53	30,26	39	E	1	Cloudy.
	2	0	44	57	30,27	44	E	1	Cloudy.
30	8	0	42	52	30,23	42	NE	1	Cloudy.
	2	0	41	55	30,19	44	WNW	1	Cloudy.

Rain this Month 1,000 Inches.

## METEOROLOGICAL JOURNAL

for December, 1820.

1820	Time.		Therm. without.	Therm. within.	Barom.	Six's Therm.	Winds.		Weather.
	H. M.		°	°	Inches.		Points.	Str.	
Dec.	1	8 0	38	52	30,15	37	NW	1	Cloudy.
		2 0	42	51	30,12	45		1	Cloudy.
	2	8 0	49	51	29,93	49	W	1	Cloudy.
		2 0	45	52	29,93	48	SSW	1	Cloudy, and hazy.
	3	8 0	38	48	30,08	36	W	1	Hazy and small rain,
		2 0	46	51	30,02	47	WSW	1	Cloudy and hazy.
	4	8 0	40	51	29,93	40	W	1	Cloudy.
		2 0	53	58	29,94	54	NE	1,2	Fine.
	5	8 0	48	54	29,90	48	NE	1	Cloudy.
		2 0	52	55	29,85	54		1	Cloudy and hazy.
	6	8 0	48	57	29,98	48	E	1	Rain.
		2 0	46	58	30,00	49		1	Rain.
	7	8 0	50	56	30,01	46	W	1	Cloudy.
		2 0	55	58	30,14	57		1	Cloudy and hazy.
	8	8 0	50	59	30,15	49	W	1	Cloudy.
		2 0	52	59	30,15	54	SW	1	Cloudy and hazy.
	9	8 0	49	57	30,17	47	W	1	Cloudy.
		2 0	52	58	30,14	53	NNW	1	Cloudy and hazy.
	10	8 0	49	55	30,01	48	SW	1,2	Cloudy.
		2 0	52	56	29,98	53	WNW	1	Cloudy—Rain.
	11	8 0	50	55	29,84	49	W	2	Cloudy.
		2 0	53	58	29,88	54	W	1	Cloudy.
	12	8 0	50	57	29,60	48	WSW	1	Rain.
		2 0	54	59	29,55	56	WNW	1	Cloudy.
	13	8 0	48	59	29,49	47	S	1	Rain.
		2 0	38	57	29,48	54	N	1	Cloudy.
	14	8 0	34	47	29,83	34	N	1	Fine.
		2 0	39	55	29,92	40	E	1	Fine.
	15	8 0	36	52	29,95	35	E	1	Cloudy.
		2 0	33	55	29,92	39	SE	1	Fine.
	16	8 0	30	58	29,70	29	E	1	Cloudy.
		2 0	35	57	29,56	36	SW	1	Cloudy, some snow.

Rain this Month 1,187 Inches.



## METEOROLOGICAL JOURNAL

for December, 1820.

1820	Time.		Therm. without.	Therm. within.	Barom.	Six's Therm.	Winds.		Weather.
	H.	M.	o	o	Inches.		Points.	Str.	
Dec. 17	8	0	36	46	29.60	30	E	1	Thick fog.
	2	0	40	45	29.75	41	WSW	1	Cloudy.
18	8	0	41	47	30.02	36	E	1	Cloudy.
	2	0	46	50	30.11	47	SSE	1	Cloudy.
19	8	0	46	49	30.20	41	S	1.2	Rain.
	2	0	50	54	30.25	51	W	1	Rain.
20	8	0	41	50	30.34	41	S	1	Cloudy.
	2	0	48	52	30.29	50	WSW	1	Cloudy.
21	8	0	46	53	30.07	41	W	1	Cloudy.
	2	0	50	57	30.11	53	NW	1	Cloudy.
22	8	0	38	53	30.12	38	W	1	Fine.
	2	0	47	55	30.11	50		1	Cloudy.
23	8	0	40	52	29.97	38	N by E	1	Cloudy.
	2	0	44	53	29.92	46	N	1	Cloudy.
24	8	0	36	46	29.86	36	N	1	Cloudy.
	2	0	36	48	29.85	44	NNW	1	Cloudy.
25	8	0	32	45	29.84	32	NNE	1	Cloudy.
	2	0	32	49	29.83	36	SSE	1.2	Cloudy.
26	8	0	30	43	29.74	30	E	1	Cloudy.
	2	0	33	47	29.77	35	ESE	1.2	Cloudy and hazy.
27	8	0	31	43	29.86	30	E	1	Cloudy.
	2	0	33	57	29.88	35	E	1	Cloudy and hazy.
28	8	0	30	43	29.89	30	ESE	1	Fine.
	2	0	31	47	29.92	35	E	1	Cloudy.
29	8	0	27	41	29.95	27	E	1	Cloudy.
	2	0	34	44	29.93	28	ENE	1.2	Cloudy.
30	8	0	27	39	29.91	27	E	1	Cloudy.
	2	0	28	44	29.91	29	E	1	Cloudy.
31	8	0	25	38	29.92	25	N	1	Cloudy.
	2	0	29	39	29.87	30	E	1	Fair.

Rain this Month 1.187 Inches.

1820.	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	48	19	33,5	57	31	44,4	30,68	28,84	29,87	53	20	34,1	0,444
February	50	27	39,1	59	40	49,6	30,32	28,38	29,95	52	26	39,1	1,425
March	64	28	43,1	67	43	52,9	30,36	28,93	29,88	66	28	43,3	1,325
April	67	37	52,2	67	53	58,6	30,50	29,23	29,92	69	36	52,2	1,514
May	63	45	55,1	71	50	59,9	30,31	29,17	29,65	70	39	55,5	1,393
June	84	50	59,8	79	55	61,4	30,38	29,54	29,93	85	45	59,4	2,331
July	75	53	62,5	77	60	64,2	30,22	29,35	29,93	80	50	62,5	2,807
August	73	51	62,5	75	59	66,2	30,26	29,48	29,98	77	46	61,0	1,315
September	71	41	57,0	74	53	62,0	30,35	29,41	29,98	73	38	56,9	2,058
October	64	40	49,5	61	49	55,5	30,53	28,71	29,67	65	39	49,8	1,582
November	55	31	43,4	61	46	54,2	30,27	29,33	29,84	56	31	43,9	1,000
December	55	25	41,3	59	38	51,2	30,34	29,49	29,94	57	25	41,9	1,187
Whole year			49,9			56,7			29,88			50,0	18,381

\* 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.