

ABSTRACT OF METEOROLOGICAL OBSERVATIONS,

Taken at the Montreal Observatory, Latitude 45° 31' N. Longitude, 4h. 54m. 11s. W. of Greenwich. Height above level of the Sea 182 feet. For the month of March, 1864.

BY CHARLES SMALLWOOD, M. D.; L. L. D.

Day of Month.	Reading of the Barometer, corrected, and reduced to 32° F.		Reading of Thermometer.			Mean Tension of Vapor.	Mean Humidity of the Atmosphere.	General direction of Wind.	Horizontal movement in 24 hours in miles.	Mean extent of Clouds in 10ths.	Depth of Rain in inches.	Depth of Snow in inches.	Ozone in 10ths.	Weather, &c.	Remarks for the Month.
	Highest.	Lowest.	Mean.	Max.	Min.											Mean.
1	29.948	29.770	29.868	28.0	16.0	25.9	.854	W	87.61	8.0	1.6	Snow.	Barometer... { Highest, the 22nd day, 30.265 inches. Lowest, the 12th day, 29.197 " Monthly Mean, 29.824 " Monthly Range, 1.098 " Thermometer { Highest, the 25th day, 54° 7. Lowest, the 21st day, 21. Monthly Mean, 32° 07. Greatest Intensity of the Sun's rays, 74° 7. Mean of Humidity, 880. Mean of Humidity, 880. Rain fell on 7 days, amounting to 1.235 inches. Most prevalent wind, N. E. Least prevalent wind, S. W. Most windy day the 24th day, mean miles per hour, 22.14. Least windy day the 16th day, mean miles per hour, 1.68. Aurora Borealis visible 2 nights. Zodiacal light, bright. Lunar Halo, 17th day.
2	29.900	29.717	29.817	34.1	18.9	28.4	.887	W by N	115.18	6.3	.....	.....	3.0	Snow.
3	30.012	29.920	29.966	50.0	8.9	24.5	.838	W by N	143.88	0.0	.....	.....	1.3	Snow.
4	29.951	29.883	29.917	54.7	21.1	40.2	.826	S W	65.63	0.0	.....	.....	1.9	Rain.
5	29.968	29.841	29.904	49.0	34.6	37.4	.878	N E	280.23	3.6	Inapp	.....	3.6	Rain.
6	29.900	29.841	29.870	40.2	31.9	36.5	.869	S W	103.00	10.0	0.170	.....	8.3	Rain.
7	29.901	29.841	29.870	32.0	33.0	33.0	.890	S W	200.82	10.0	.....	.....	5.0	Snow.
8	29.921	29.841	29.881	37.3	35.1	31.3	.867	S W	104.59	6.3	.....	.....	4.0	Snow.
9	29.985	29.723	29.854	37.3	25.1	31.3	.867	S W	149.61	0.6	.....	.....	1.6	Aurora Bor.
10	29.882	29.722	29.802	40.0	18.2	29.3	.819	W	55.56	3.6	.....	.....	1.6	Rain.
11	29.882	29.722	29.802	42.4	22.4	30.7	.863	N E	98.64	8.6	Inapp	.....	3.3	Rain.
12	29.828	29.688	29.758	48.3	31.1	39.9	.896	W	162.25	8.6	0.849	.....	3.6	Rain.
13	29.828	29.688	29.758	42.2	31.4	38.6	.890	W	204.40	3.3	.....	.....	3.3	Snow.
14	29.828	29.688	29.758	48.2	31.4	38.6	.890	W	204.40	3.3	.....	.....	2.0	Snow.
15	29.828	29.688	29.758	44.2	15.0	28.7	.829	W	178.00	1.0	.....	.....	1.3	Snow.
16	29.828	29.688	29.758	37.2	10.2	26.8	.861	W by N	207.04	8.6	.....	.....	2.0	Rain. L. Halo.
17	29.828	29.688	29.758	34.9	16.1	24.4	.872	W	49.49	3.6	.....	.....	2.0	Rain.
18	29.828	29.688	29.758	35.0	14.1	27.1	.868	N E	120.34	7.6	Inapp	.....	2.3	Rain.
19	29.828	29.688	29.758	42.3	27.9	34.8	.897	S W	77.01	8.6	.....	.....	2.3	Rain.
20	29.828	29.688	29.758	28.1	11.2	21.4	.882	N E	379.14	1.3	0.25	.....	2.6	Snow.
21	29.828	29.688	29.758	28.1	12.4	19.4	.881	N E	182.00	6.6	.....	.....	2.3	Snow.
22	29.828	29.688	29.758	30.8	2.1	15.9	.869	W	89.02	3.3	.....	.....	1.3	Snow.
23	29.828	29.688	29.758	34.4	5.9	19.1	.890	N E	163.60	3.3	Inapp	.....	1.3	Snow.
24	29.828	29.688	29.758	38.0	3.6	22.3	.840	S W	133.80	4.0	.....	.....	2.3	Snow.
25	29.828	29.688	29.758	42.3	18.4	36.8	.865	N E	731.40	0.6	.....	.....	2.6	Snow.
26	29.828	29.688	29.758	49.9	20.4	35.7	.890	N E	105.40	0.0	Inapp	.....	2.6	Snow.
27	29.828	29.688	29.758	42.3	28.4	36.5	.909	N E	152.19	3.3	.....	.....	2.6	Snow.
28	29.828	29.688	29.758	47.0	36.4	43.0	.913	N E	191.00	10.0	.....	.....	3.3	Snow.
29	29.828	29.688	29.758	53.1	24.2	37.8	.893	N E	167.41	0.0	.....	.....	2.6	Rain.
30	29.828	29.688	29.758	44.7	21.4	35.3	.896	N E	244.20	6.4	.....	.....	2.6	Rain.
31	29.828	29.688	29.758	37.4	25.9	33.2	.908	N E	291.56	10.0	0.191	.....	2.6	Rain.
32	29.828	29.688	29.758	46.4	31.5	39.1	.909	N E	235.53	8.6	.....	.....	3.0	Rain.