

# ABSTRACT OF METEOROLOGICAL OBSERVATIONS,

Taken at the Montreal Observatory, Latitude 45° 31' N. Longitude, 4h. 54m. 11s. W. of Greenwich. Height above the level of the Sea 182 feet. For the month of February 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 miles.	Veau 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.	Reading of Thermometer.												
				Max.	Min.											Mean.
1	29.986	29.643	29.809	26.1	2.5	24.2	.133	S W	454.00	10.0	Inapp	18.6	5.0	Snow.	(Highest, the 10th day, 20.258 inches. Lowest, the 16th day, 23.078 " " Monthly Mean, 20.929 " " (Highest, the 1st day, 1.178 " " Lowest, the 24th day, 68° 2. Thermometer } Monthly Mean, 25.52. Greatest intensity of the Sun's rays, 74° 0. Mean Humidity .835. Rain fell on 7 days, amounting to 0.790 inches. Snow fell on 15 days, amounting to 28.75 inches. Most prevalent wind, S. W. Most windy day the 8th day, mean miles per hour, 24.50. Least windy day the 3rd day, mean miles per hour, 1.40. Zodiacal light, bright.	
2	29.650	29.450	29.607	30.8	20.0	34.7	.091	S W	43.60	10.0	Inapp	0.3	5.0	Snow.		
3	29.611	29.424	29.472	40.0	20.4	32.3	.178	N E by E	23.80	10.0	Inapp	0.50	4.0	Rain—Snow.		
4	29.631	29.485	29.525	38.4	20.4	30.7	.165	N E by E	46.36	8.0	Inapp	Inapp	5.0	Rain—Snow.		
5	29.622	29.481	29.535	39.3	4.2	33.8	.196	S W	102.97	10.0	Inapp	Inapp	4.3	Rain—Snow.		
6	29.630	29.678	29.681	37.2	25.2	33.1	.175	W S W	37.71	9.3	.....	0.80	2.0	Snow.		
7	29.671	29.430	29.477	35.4	23.0	32.2	.175	S W	300.51	10.0	.....	.....	4.0	Snow.		
8	29.472	29.201	29.318	43.2	26.0	34.6	.163	S W	588.00	6.6	.....	0.40	3.3	Snow.		
9	29.416	29.604	29.739	27.0	7.4	16.6	.093	W	175.59	1.8	.....	0.40	2.0	Snow.		
10	29.135	29.624	29.028	15.8	-8.9	3.0	.055	N W	112.20	1.3	.....	.....	1.0	Snow.		
11	29.146	29.570	29.838	22.0	-4.7	12.2	.037	S W	221.41	7.6	.....	.....	3.3	Snow.		
12	29.681	29.478	29.622	41.1	18.4	28.6	.162	W	160.90	4.0	.....	.....	3.0	Snow.		
13	29.489	29.354	29.414	35.8	26.1	33.4	.184	S W	154.37	10.0	.....	.....	3.0	Snow.		
14	29.728	29.501	29.601	27.9	14.0	22.0	.132	N E	143.24	6.6	.....	.....	2.5	Snow.		
15	29.010	29.550	29.283	7.1	-10.1	0.5	.065	N E	81.66	8.6	.....	.....	2.6	Snow.		
16	29.262	29.078	29.164	20.0	6.8	14.2	.089	N E	128.50	6.3	.....	.....	2.0	Snow.		
17	29.901	29.824	29.877	-8.3	-19.4	-12.5	.033	W S W	148.98	5.0	.....	.....	2.0	Snow.		
18	29.221	29.161	29.194	18.0	-20.4	-3.1	.042	W S W	168.96	6.0	.....	.....	2.0	Snow.		
19	29.255	29.025	29.161	22.0	-12.0	8.1	.081	W S W	73.43	2.6	.....	.....	2.6	Snow.		
20	29.971	29.891	29.947	37.3	20.0	24.4	.138	W S W	154.60	6.0	.....	.....	2.3	Snow.		
21	29.900	29.808	29.860	37.4	19.2	33.1	.178	W S W	108.00	8.6	.....	.....	2.6	Snow.		
22	29.600	29.469	29.534	48.9	29.2	36.8	.207	S W	152.91	10.0	Inapp	.....	3.6	Rain.		
23	29.600	29.472	29.525	48.9	33.1	41.8	.207	W S W	27.96	6.0	0.350	.....	3.3	Rain.		
24	29.600	29.414	29.512	42.2	31.6	45.6	.241	S W	104.28	8.0	.....	.....	3.3	Rain.		
25	29.731	29.528	29.633	42.2	28.4	32.6	.174	N E by E	69.79	3.6	.....	.....	2.3	Rain.		
26	29.762	29.711	29.744	38.1	14.5	28.3	.111	N W	207.38	2.0	.....	.....	2.0	Rain.		
27	29.842	29.843	29.843	42.3	11.2	25.7	.089	W	127.47	6.0	.....	.....	2.0	Rain.		
28	29.642	29.599	29.624	33.0	33.4	37.1	.195	S W	234.33	10.0	.....	.....	2.6	Rain.		
29	29.693	29.599	29.626	40.2	29.4	31.5	.167	S W	95.62	8.3	0.110	.....	2.6	Rain.		