

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., LL.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.	Wear, &c.	Remarks for the Month.
	Highest.	Lowest.	Mean.	Max.	Min.	Mean.										
1	29.943	29.776	29.868	32.0	16.0	25.9	.135	.831	w	87.61	8.0	...	...	1.6	...	(Highest, the 22nd day, 30.296 inches.
2	29.900	29.619	29.759	34.1	18.9	26.4	.131	.887	wbyS	115.18	6.3	...	...	3.0	...	Lowest, the 12th day, 29.197 "
3	30.042	29.920	30.001	31.0	8.9	24.5	.138	.867	wbyS	149.88	0.0	...	...	1.3	...	" Monthly Mean, 29.824 "
4	29.551	29.483	29.510	26.7	21.1	40.2	.251	.826	s w	65.63	0.6	...	...	1.3	...	" Monthly Range, 1.098 "
5	29.508	29.451	29.480	40.1	34.6	37.4	.212	.878	s w	280.25	8.6	...	...	3.6	...	(Highest, the 26th day, 54° 7.
6	29.700	29.541	29.621	40.6	34.9	36.5	.205	.863	s w	103.00	10.0	...	...	3.6	...	Lowest, the 21st day, 21.
7	29.601	29.411	29.506	34.9	32.0	33.0	.188	.890	s w	200.82	10.0	...	...	5.0	...	Monthly Mean, 32° 07.
8	29.721	29.523	29.622	37.3	25.1	31.3	.173	.887	s w	194.59	6.3	...	...	4.0	...	(Highest, the 26th day, 54° 7.
9	29.935	29.773	29.854	40.0	18.2	29.3	.155	.819	w	146.61	0.6	...	...	1.6	...	Monthly Range, 52° 6.
10	29.892	29.722	29.807	42.4	22.4	30.7	.171	.863	w	95.56	3.6	...	...	1.6	...	Greatest intensity of the Sun's rays, 74° 7.
11	29.482	29.268	29.375	48.3	31.9	39.9	.246	.930	N E	98.63	8.6	...	...	3.6	...	Lowest point of Terrestrial radiation, -7° 0.
12	29.601	29.470	29.536	42.2	31.9	38.7	.226	.890	w	152.25	8.6	...	...	3.6	...	Mean of Humidity, .880.
13	29.725	29.700	29.713	43.2	31.4	38.6	.204	.860	w	206.60	3.3	...	...	3.3	...	Rain fell on 8 days, amounting to 1.235 inches.
14	29.804	29.769	29.787	44.2	15.0	28.7	.190	.820	w	206.60	1.0	...	...	2.0	...	Snow fell on 7 days, amounting to 8.93 inches.
15	29.784	29.716	29.750	37.2	16.2	24.8	.195	.861	wbyS	177.01	8.6	...	...	1.3	...	Most prevalent wind, N. E.
16	29.614	29.610	29.612	34.9	16.1	26.4	.146	.872	w	40.49	3.6	...	...	2.0	...	Least windy day the 24th day, mean miles per hour, 22.14.
17	29.678	29.650	29.664	35.0	14.1	27.1	.149	.898	N E	120.34	7.6	...	...	2.0	...	Most windy day the 16th day, mean miles per hour, 1.68.
18	29.425	29.352	29.388	42.3	27.9	34.8	.197	.801	s w	77.01	8.6	...	...	2.3	...	Aurora Borealis visible 2 nights.
19	29.700	29.520	29.610	42.3	11.2	21.7	.122	.882	N E	379.14	1.3	...	...	2.3	...	Zodiacal light, bright.
20	29.792	29.570	29.681	28.4	12.4	19.4	.116	.881	N E	162.00	6.6	...	...	2.6	...	Lunar Halo, 17th day.
21	29.046	29.837	29.940	30.8	2.1	15.9	.102	.869	w	89.02	3.3	...	...	1.3	...	
22	29.295	29.129	29.212	81.4	5.9	19.1	.116	.880	N E	163.50	3.3	...	...	2.6	...	
23	29.021	29.840	29.950	35.2	3.5	22.3	.127	.840	s w	133.80	4.0	...	...	1.3	...	
24	29.802	29.687	29.745	52.3	18.4	36.8	.222	.865	w	731.40	0.6	...	...	2.3	...	
25	29.900	29.741	29.820	49.9	20.4	35.7	.216	.890	N E	105.40	0.0	...	...	2.6	...	
26	29.900	29.769	29.834	42.3	28.4	35.5	.212	.900	N E	152.10	3.3	...	...	2.6	...	
27	29.048	29.061	29.055	47.0	36.4	43.0	.267	.913	N E	124.00	10.0	...	...	3.3	...	
28	29.117	29.032	29.075	53.1	24.2	37.8	.233	.863	N E	167.41	0.0	...	...	2.0	...	
29	29.973	29.850	29.911	51.7	21.4	38.3	.233	.865	N E	244.20	6.4	...	...	2.6	...	
30	29.691	29.669	29.680	37.4	20.9	35.2	.198	.868	N E	204.66	10.0	...	...	2.6	...	
31	29.693	29.649	29.671	46.4	31.5	39.1	.234	.909	N E	235.55	8.6	...	...	3.0	...	