

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 May, 1864.

BY CHARLES SMALLWOOD, M.D., LL.D., D.C.L.

Day of Month.	Reading of the Barometer, corrected, and reduced to 32° F.		Reading of Thermometer.			Mean Humidity of the Atmosphere.	General direction of Wind.	Horizontal movement 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.	Max.	Min.	Mean.									
1	29.642	29.574	51.0	43.0	48.8	.910	N	118.00	6.6	0.063	2.8	Rain.	Barometer .. { Highest, the 14th day, 29.971 inches. Lowest, the 27th day, 29.354 " " Monthly Mean, 29.703 " " Thermometer { Highest, the 15th day 85° 4. Lowest, the 4th day, 34° 3. Monthly Mean, 61.76. Greatest intensity of the Sun's rays, 113° 0. Mean of Humidity, 879. Rain fell on 24 days, amounting to 4.823 inches, it was accompanied by Thunder on 1 day and Hail on 1 day. Most prevalent wind, N. E. Least windy day the 4th day, mean miles per hour, 11.88. Least windy day, the 21st day, mean miles per hour, 1.77. Aurora Borealis visible on 2 nights. Lunar Halo visible on 1 night. Amount of Evaporation 1.51 inches.
2	.671	.606	67.8	44.1	55.4	.903	S W	100.40	3.0	0.472	.....	1.6	Rain.
3	.568	.530	67.4	40.2	44.6	.879	N E	176.96	10.0	0.686	.....	3.3	Rain.
4	.810	.867	69.2	31.3	49.8	.844	NbyW	285.20	6.6	Inapp	.....	2.3	Rain.
5	81.2	80.0	84.8	41.7	53.8	.853	W	100.98	6.3	Inapp	.....	3.0	Rain.
6	.842	.621	721	40.4	48.5	.851	N E	186.05	10.0	0.221	.....	3.2	Rain.
7	.699	.799	.811	59.9	57.0	.840	N E	220.66	9.6	0.220	.....	3.0	Rain.
8	.697	.612	.666	54.3	48.9	.814	N E	70.41	10.0	0.163	.....	2.0	Rain.
9	.679	.469	.522	48.1	61.5	.882	N E	81.30	6.6	0.030	.....	3.0	Rain.
10	.600	.603	.505	71.4	47.2	48.2	S by W	72.06	10.0	0.202	.....	3.0	Rain.
11	.784	.764	.773	53.7	35.0	281	N E	250.64	8.0	0.104	.....	1.0	Rain.
12	.750	.598	.687	50.2	47.2	311	N E	143.65	10.0	0.792	.....	2.2	Rain.
13	.806	.721	.768	71.2	46.0	60.9	N E	143.61	8.0	0.014	.....	1.3	Rain.
14	.971	.817	.970	80.2	69.2	69.4	S W	131.00	4.0	Inapp	.....	1.3	Rain.
15	.930	.919	.926	85.4	60.9	72.1	N E	147.10	3.3	.....	.....	1.0	Rain.
16	.867	.802	.847	84.7	68.1	71.3	N E	198.61	4.0	Inapp	.....	1.0	Rain.
17	.645	.637	.641	81.7	70.0	628	N E	162.59	8.3	0.251	.....	1.6	Rain.
18	.726	.717	.730	79.2	61.0	66.8	N E	106.40	2.0	Inapp	.....	1.3	Rain.
19	.805	.797	.800	74.7	63.4	495	N E	180.40	6.0	0.442	.....	1.6	Rain.
20	.688	.619	.627	64.2	60.4	61.0	N E	220.78	6.0	0.240	.....	2.3	Rain.
21	.383	.378	.380	70.1	62.3	495	S W	141.80	10.0	Inapp	.....	3.6	Rain.
22	.737	.622	.679	72.2	50.0	61.0	N E	131.00	10.0	.....	.....	3.3	Rain.
23	.608	.647	.659	63.0	43.0	56.8	N E	162.59	8.3	0.251	.....	1.6	Rain.
24	.608	.634	.634	65.9	43.0	48.8	N E	180.40	6.0	0.442	.....	1.6	Rain.
25	.707	.680	.646	58.2	43.4	55.8	N E	159.36	10.0	0.242	.....	2.3	Rain.
26	.587	.602	.640	78.6	49.0	69.4	N E	220.78	6.0	0.240	.....	3.6	Rain.
27	.600	.384	.418	80.1	63.0	63.3	N E	117.41	10.0	.....	.....	3.3	Rain.
28	.700	.627	.673	69.5	50.9	59.2	N E	104.19	6.6	0.420	.....	1.3	Rain.
29	.822	.659	.747	74.0	49.6	60.5	NbyW	189.28	2.0	Inapp	.....	1.0	Rain.
30	.662	.572	.625	65.2	43.4	60.1	N E	108.00	4.6	0.170	.....	2.0	Rain.
31	.571	.449	.512	72.3	50.1	68.9	N E	120.00	6.6	0.051	.....	2.0	Rain.