

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 July, 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 Tension of Vapor.	Mean Humidity of the Atmosphere.	General direction of Wind.	Horizontal move 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	29.774	29.761	82.1	63.1	72.1	.632	804	W	46.70	6.0	0.0	0.6	0.6	Rain.	{ Barometer .. } Highest, the 18th day, 30.652 inches. { } Lowest, the 2nd day, 29.562 " { } Monthly Mean, 29.782 " { Thermometer } Highest, the 19th day 96° 3. { } Lowest, the 22nd day, 49° 4. { } Monthly Mean, 75.19 " { } Monthly Range, 46° 9. Greatest intensity of the Sun's rays, 112° 9. Lowest point of terrestrial radiation, 47° 4. Mean of Humidity, 766. Rain fell on 6 days, amounting to 1.205 inches, it was accompanied by Thunder on 2 days. Most prevalent wind, S. W. Least prevalent wind, S. E. Most windy day the 12th day. mean miles per hour, 15.17. Least windy day, the 31st day, mean miles per hour, 0.81. Amount of Evaporation 3.46 inches.
2	.624	.602	68.2	64.2	66.9	.591	897	N E	120.98	6.0	0.047	0.6	1.0	Rain.	
3	.579	.571	77.4	61.4	71.7	.648	849	W S W	46.60	6.0	0.0	0.6	0.6	Rain.	
4	.724	.678	76.7	67.7	72.2	.868	809	W by S	102.00	2.6	0.0	0.6	0.6	Rain.	
5	.802	.698	80.1	57.2	71.2	.614	791	W	81.37	1.3	0.0	0.6	0.6	Rain.	
6	.760	.698	87.9	59.1	70.2	.680	789	W	176.39	3.3	0.052	0.5	0.5	Rain.	
7	.747	.679	84.2	59.2	76.3	.668	768	W	91.91	0.6	0.0	0.1	0.1	Rain.	
8	.821	.741	778	89.4	58.0	71.3	.664	768	N E	180.80	0.6	0.0	0.0	Rain.	
9	.887	.800	843	90.4	59.0	78.9	.764	749	W	126.33	1.3	0.0	0.0	Rain.	
10	.750	.672	674	92.1	64.2	79.7	.764	766	S W	100.76	6.6	Inapp	0.6	Rain.	
11	.564	.541	535	89.7	66.0	77.4	.783	862	W S W	93.06	6.6	0.864	0.6	Rain.	
12	.722	.655	682	75.2	65.2	70.7	.610	819	W S W	363.97	8.0	0.211	0.6	Rain.	
13	.898	.840	865	93.4	78.7	705	.696	649	W	48.64	0.0	0.0	0.0	Rain.	
14	.998	.950	978	91.0	83.5	78.7	.782	679	W S W	30.06	2.6	0.0	0.0	Rain.	
15	.874	.800	847	96.4	68.2	84.7	.786	649	S W	53.82	1.3	0.0	0.0	Rain.	
16	.991	.872	925	86.8	63.4	82.0	.715	743	S E by E	89.08	0.0	0.0	0.0	Rain.	
17	.806	.722	872	95.9	63.4	82.0	.761	694	N E	120.20	0.0	0.0	0.0	Rain.	
18	30.062	29.954	20.004	91.0	63.6	81.6	.750	684	W	217.74	0.0	0.0	0.0	Rain.	
19	29.976	29.917	98.3	64.1	86.1	.784	.694	N E	45.89	0.0	0.0	0.0	0.0	Rain.	
20	.680	.583	.697	88.2	70.1	80.5	.728	713	S W	178.81	0.0	0.0	0.0	Rain.	
21	.818	.796	808	75.2	55.4	67.3	.503	762	N by W	180.05	6.6	0.037	0.6	Rain.	
22	.789	.766	785	64.3	49.7	71.1	.441	749	W by N	196.67	7.6	0.0	0.6	Rain.	
23	.751	.711	730	80.0	49.7	71.1	.881	767	S W	215.87	0.0	0.0	0.6	Rain.	
24	.782	.764	772	84.6	64.1	76.5	.681	762	S W	111.00	0.0	0.0	0.1	Rain.	
25	.852	.789	812	79.3	58.2	70.0	.505	770	N E	241.23	0.0	0.0	0.1	Rain.	
26	.674	.647	.613	79.8	58.0	71.2	.681	768	N by W	74.30	10.0	0.084	0.1	Rain.	
27	.802	.676	754	87.7	59.9	76.7	.666	786	S W	172.54	3.3	0.0	1.0	Rain.	
28	.808	.690	719	82.1	58.2	77.8	.636	727	S W	73.30	10.0	0.0	0.3	Rain.	
29	.617	.572	.594	78.4	58.0	69.8	.585	749	N W	120.18	3.3	0.0	1.6	Rain.	
30	.555	.547	.551	91.4	58.4	73.6	.767	770	S W	65.98	0.5	0.0	0.3	Rain.	
31	.690	.577	.646	94.3	62.1	82.6	.790	708	S W	14.71	0.0	0.0	0.0	Rain.	