

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 June, 1864.

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

Day of Month.	Reading of the Barometer, corrected, and reduced to 82° 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 Inches.	Lowest Inches.	Mean Inches.	Max.	Min.	Mean										
1	9.714	29.661	29.688	74.2	53.0	66.4	.539	842	S W	189.20	7.6	Inapp	1.3	Rain.	Barometer ... { Highest, the 21st day, 30.045 inches. Lowest, the 9th day, 29.106 " Monthly Mean, 29.703. Monthly Range, 0.939.
2	.724	.714	.719	83.0	49.7	64.5	.388	792	N E	91.02	1.3	0.030	.....	1.6	"
3	.691	.674	.681	69.4	44.0	57.5	.618	881	W	138.89	3.3	.....	.....	1.0	Rain.
4	8.001	6.659	6.81	86.1	46.0	69.3	.614	881	W	76.52	0.0	1.0	"	Thermometer { Highest, the 18th day, 96° 7. Lowest, the 10th day, 35° 2. Monthly Mean, 70.01. Monthly Range, 61° 5.
5	7.800	6.601	7.21	83.8	64.2	73.0	.614	792	W	203.67	3.3	.....	.....	1.0	"
6	6.74	3.54	4.67	83.4	55.0	74.7	.625	735	W	200.04	4.6	.....	.....	1.0	"
7	8.92	8.50	8.63	85.0	43.0	63.4	.463	771	W	201.57	0.0	1.0	"	Greatest intensity of the Sun's rays, 118° 4. Lowest point of Terrestrial radiation, 33° 4. Mean of Humidity, 708. Rain fell on 6 days amounting to 0.875 inches. Most prevalent wind, S. W. Least windy day, the 26th day, mean miles per hour, 17.82. Least windy day, the 15th day, mean miles per hour, 0.60. Amount of Evaporation, 2.47 inches. Aurora Borealis visible on 2 nights.
8	7.64	4.90	6.82	65.2	46.0	62.1	.424	760	W	92.36	10.0	.....	.....	1.3	"
9	.214	1.06	1.88	60.1	46.0	55.1	.384	813	W	204.47	10.0	0.472	.....	1.3	Rain.
10	5.000	3.850	4.05	69.0	55.2	66.7	.821	660	W	351.39	4.0	.....	.....	1.0	"
11	8.800	6.651	7.16	72.4	55.0	60.6	.331	670	N E	119.16	5.6	.....	.....	1.0	"
12	8.800	8.14	8.65	73.4	48.0	61.1	.394	729	N E	234.30	2.6	.....	.....	1.0	"
13	8.92	8.74	8.86	89.4	44.2	73.1	.583	706	W	103.05	0.0	Inapp	.....	1.0	"
14	7.06	7.41	7.69	91.0	52.7	73.1	.583	706	W	138.50	0.0	.....	.....	0.6	"
15	7.06	6.82	6.98	91.4	55.9	76.4	.682	743	W	14.51	2.0	.....	.....	0.0	"
16	6.14	6.02	6.06	92.0	69.0	79.3	.702	697	N E	244.73	0.0	.....	.....	0.0	"
17	8.000	7.14	7.68	94.7	60.0	78.8	.659	660	N E	246.13	0.0	.....	.....	0.1	"
18	8.30	8.14	8.19	96.7	60.5	83.5	.770	678	S W	91.55	0.0	.....	.....	0.1	"
19	8.19	8.16	8.13	96.2	63.4	83.9	.772	666	S W	192.20	0.0	.....	.....	0.0	"
20	8.62	8.60	8.61	89.2	68.4	77.7	.687	773	S W	295.09	0.0	.....	.....	0.6	"
21	30.011	30.029	30.029	89.8	69.2	77.1	.706	784	N E	207.09	0.0	.....	.....	0.6	"
22	29.927	29.794	29.878	92.4	69.3	80.5	.769	709	S W	173.41	0.0	.....	.....	0.3	"
23	7.84	6.83	7.16	76.9	66.0	73.7	.652	797	N E	235.70	3.3	.....	.....	0.5	"
24	7.69	6.54	7.23	77.0	59.0	73.4	.636	784	S W	217.83	0.0	.....	.....	0.3	"
25	5.09	5.00	5.05	90.2	68.2	79.9	.757	749	W S W	156.07	0.0	.....	.....	0.1	"
26	4.71	3.44	4.03	92.3	71.1	73.0	.730	754	N E	114.92	2.6	0.374	.....	0.1	Rain.
27	8.21	6.95	6.80	80.0	59.0	67.0	.561	822	N E	218.90	3.3	Inapp	.....	1.0	Rain.
28	9.47	8.67	9.40	90.4	62.2	67.1	.635	770	W N W	214.61	10.0	.....	.....	0.6	"
29	8.94	9.25	9.29	81.0	64.0	74.0	.673	770	W	427.80	0.0	.....	.....	0.0	"
30	7.18	6.17	6.74	82.1	54.2	73.5	.656	794	W	234.20	1.3	.....	.....	0.6	"