MONTHLY METEOROLOGICAL REGISTER, AT THE PROVINCIAL MAGNETICAL OBSERVATORY, TORONTO, CANADA WEST—JULY, 1858.

Latitude—43 deg. 39.4 min. North. Longitude—5 h. 17 min. 33 sec. West. Elevation above Lake Ontario, 108 feet.

Day	Barom. at temp. of 32°. 6 A.M.	2 P.M.	10 P.M.	MEAN	Temp. of the Air. 6 A.M.	2 P.M.	10 PM	ME'N	Mean Temp. +or— of the Average	Tens. of Vapour. 6 A.M.	2 P.M.	10 P.M.	M'N	Humidity of Air. 6 A.M.	2 P.M.	10 P.M.	M'N	Direction of Wind. 6 A.M.	2 P.M.	10 P. M.	Resultant Direction.	Velocity of Wind. 6 A.M.	2 P.M.	10 PM	Resul't.	ME'N	Rain in Inches.	Snow in Inches.
1	29.695	29.657	29.566	29.6332	63.5°	61.3°	61.3°	62.10°	− 2.67°	.291	.350	.317	.326	.49	.65	.58	.58	E N E	E N E	N E b E	N 67 E	8.8	3.4	6.0	7.87	7.94	Inap	...
2	.524	.490	.420	.4690	63.1	70.2	64.4	66.45	+ 1.45	.380	.447	.481	.448	.65	.60	.79	.60	N E	E b N	E	N 83 E	7.0	7.5	0.4	4.12	4.26	0.087	...
3	.363	.302	.383	.3422	64.0	83.2	72.5	73.78	+ 8.63	.546	.725	.607	.644	.92	.64	.76	.79	E	W N W	N W b N	N 50 W	0.5	14.6	10.0	7.56	9.48	0.013	...
4	.452	.382	—	—	68.6	79.8	—	—	—	.446	.510	—	—	.64	.50	—	—	N N W	N W b N	N N W	N 27 W	12.0	19.5	10.0	10.39	10.90	.....	...
5	.848	.876	.873	.8738	62.1	68.6	57.5	63.45	− 1.93	.327	.337	.333	.336	.58	.48	.70	.58	N N E	S E	S S E	S 88 E	6.0	9.2	4.0	4.05	6.64	.....	...
6	.902	.851	.788	.8377	57.4	72.4	66.4	67.32	+ 1.72	.322	.515	.547	.454	.68	.64	.85	.68	N	S E b S	S E b S	S 66 E	3.2	5.0	0.5	1.42	2.84	.....	...
7	.755	.629	.536	.6328	66.9	83.4	74.3	75.45	+ 9.75	.487	.557	.640	.583	.73	.49	.76	.67	N b W	S b E	S b W	S 3 W	1.0	10 0	0.2	3.80	4.65	.....	...
8	.510	.468	.523	.5025	75.1	80.7	73.3	75.78	+ 9.98	.646	.689	.647	.653	.75	.65	.79	.73	S b W	S S E	E b N	S 73 E	2.3	4.2	9.8	2.67	5.86	1.300	...
9	.592	.588	.600	.5870	66.4	74.7	66.7	69.73	+ 3.75	.547	.650	.556	.591	.84	.76	.85	.81	N E	E b N	Calm.	N 76 E	1.4	3.7	0.0	2.64	2.67	.....	...
10	.538	.532	.613	.5630	71.8	80.8	73.1	75.13	+ 9.05	.667	.814	.630	.690	.86	.77	.78	.79	Calm.	S W b S	N b W	N 76 W	0.0	5.0	4.0	3.52	6.67	0.265	...
11	.693	.719	—	—	64.2	62.8	—	—	—	.445	.401	—	—	.74	.70	—	—	N b W	N N E	N E	N 22 E	11.2	6.8	10.5	9.39	9.60	1.005	...
12	.577	.503	.510	.5232	57.0	59.5	53.6	58.23	− 8.05	.410	.447	.427	.426	.88	.88	.87	.88	N	N N E	N	N 14 E	9.4	9.4	4.0	5.88	6.25	0.147	...
13	.539	.591	.664	.6100	56.8	69.3	63.9	63.90	− 2.48	.409	.495	.476	.465	.88	.69	.79	.78	N N W	S	Calm.	S 71 W	3.5	8.7	0.0	2.03	3.38	.....	...
14	.740	.766	.779	.7673	61.3	75.1	63.2	67.63	+ 1.22	.478	.479	.459	.474	.88	.55	.79	.71	Calm.	S b E	E b N	S 47 E	0.0	6.8	0.5	1.50	3.52	.....	...
15	.804	.771	.721	.7583	63.5	76.9	65.0	69.43	+ 2.95	.468	.512	.532	.521	.79	.55	.86	.74	E S E	S E b S	Calm.	S 47 E	2.0	3.6	0.0	2.11	2.15	.....	...
16	.699	.652	.640	.6663	65.7	76.7	70.6	71.38	+ 4.89	.563	.642	.616	.616	.89	.70	.82	.81	Calm.	S S W	S W b S	S 22 W	0.0	10.2	3.4	3.45	4.43	Inap	...
17	.707	.727	.745	.7247	69.6	72.0	66.0	68.70	+ 2.02	.616	.602	.388	.523	.85	.77	.61	.74	E N E	S S W	N W b N	N 32 W	0 5	5.0	11.2	2.31	5.35	0.075	...
18	.837	.860	—	—	63.1	69.6	—	—	—	.360	.343	—	—	.62	.47	—	—	N b E	S E b S	S E	S 81 E	6.5	9.5	1.0	3.57	4.81	.....	...
19	.912	.851	.766	.8408	63.9	75.2	61.7	67.40	+ 0.62	.425	.395	.356	.389	.71	.45	.64	.59	E N E	S E b S	S E	S 78 E	1.0	6.0	2.0	2.56	4.14	.....	...
20	.696	.607	.509	.5910	63.5	75.4	62.6	67.70	+ 0.93	.400	.500	.442	.428	.68	.57	.78	.64	N b E	E b S	Calm.	S 53 E	2.1	3.0	0.0	1.03	1.65	.....	...
21	.443	.331	.371	.3782	63.1	72.5	64.6	67.57	+ 0.80	.467	.635	.417	.494	.81	.80	.68	.72	Calm.	W	N W	N 72 W	0.0	16.8	7.8	5.41	8.82	0.060	...
22	.437	.493	.517	.4807	65.3	75.1	61.3	66.85	− 0.02	.432	.295	.322	.326	.69	.34	.58	.52	N W	N W	N W b N	N 35 W	12.0	15.4	0.4	8.12	8.26	.....	...
23	.529	.523	.605	.5553	57.0	72.2	58.4	63.63	− 3.25	.361	.247	.304	.310	.77	.31	.62	.55	Calm.	N N W	N b W	N 13 W	0.0	11.2	9.0	7.99	8.33	.....	...
24	.686	.719	.761	.7252	58.1	67.8	59.0	62.53	− 4.33	.318	.404	.369	.360	.66	.59	.74	.64	N b E	S	S b E	S 56 E	7.6	9.5	2.5	3.54	5.44	.....	...
25	.777	.758	—	—	60.0	68.9	—	—	—	.367	.384	—	—	.71	.54	—	—	E b N	E b S	E b S	S 75 E	6.0	8.0	2.0	4.97	5.17	.....	...
26	.662	.511	.474	.5393	62.6	79.4	74.3	72.70	+ 5.73	.468	.623	.646	.581	.82	.62	.77	.73	Calm.	S	S W b S	S 20 W	0.0	15.0	4.5	5.37	7.29	.....	...
27	.520	.545	.642	.5818	66.4	81.4	65.0	70.90	+ 3.92	.454	.231	.277	.321	.70	.20	.45	.44	W b S	W N W	W b N	N 76 W	7.2	22.6	2.2	10.96	11.10	.....	...
28	.736	.758	.651	.7082	57.0	67.5	63.9	64.17	− 2.80	.355	.482	.462	.445	.76	.72	.77	.74	Calm.	S E	Calm.	S 83 E	0.0	0.5	0.0	3.65	4.27	0.120	...
29	.501	.399	.437	.4395	66.2	74.7	64.2	68.82	+ 1.87	.537	.748	.523	.596	.83	.87	.87	.83	E b N	E S E	E	S 88 E	4.0	3.8	10.5	4.57	5.26	Inap	...
30	.425	.441	.489	.4503	61.7	67.7	63.1	63.85	− 3.10	.495	.533	.493	.507	.90	.79	.85	.86	E b N	E S E	N b W	N 42 E	4.6	7.2	0.2	1.50	3.32	Inap	...
31	.516	.544	.572	.5473	60.6	72.2	66.2	67.50	+ 0.55	.441	.512	.432	.471	.83	.64	66	.69	N N W	S b W	Calm.	N 60 W	4.8	6.6	0.0	1.74	4.13	.....	...
M	27.6250	29.5975	23.5989	29.6052	63.32	73.55	65.23	67.86	+ 1.61	.456	.514	.470	.481	.77	.62	.74	.70	.....	.....	.....	.....	4.02	8.64	3.76	.....	5.76	3.072	...