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

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

Days.	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	Excess of mean above 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	10PM	Resul't.	ME'N	Rain in Inches.	Snow in Inches.
1	29.419	29.483	29.645	29.5267	49.4	53.7	43.6	48.45	− 1.97	.312	.221	.221	.250	.88	.52	.77	.73	N N E	N W b N	N N W	N 23 W	5.0	18.0	1.4	7.75	8.13	0.010	...
2	.706	.630	.502	.5913	40.7	57.5	57.4	52.38	+ 2.45	.204	.294	.378	.300	.80	.61	.80	.75	Calm.	S E b S	S E	S 28 E	0.0	6.2	9.2	5.03	5.53	.....	...
3	.269	.134	—	—	56.6	76.3	—	—	—	.423	.530	—	—	.93	.68	—	—	S S E	S W b W	W b S	S 60 W	1.2	14.0	10.0	7.24	7.70	0.035	...
4	.315	.406	.511	.4370	57.0	59.2	46.7	52.90	+ 3.87	.341	.321	.172	.276	.73	.64	.53	.66	W N W	W b N	Calm.	N 77 W	2.4	10.0	0.0	4.29	4.35	0.005	...
5	.665	738	.843	.7622	44.8	63.5	49.4	52.23	+ 3.62	.235	.167	.244	.226	.79	.28	.69	.62	W N W	W	Calm.	N 55 W	6.8	14.5	0.0	6.75	7 04	.....	...
6	.868	.750	.513	.6900	41.8	56.6	54.1	51.65	+ 3.43	.236	.211	.282	.253	.89	.45	.66	.66	N W b N	E	E b S	S 82 E	1.0	8.0	11.0	6.33	6.62	0.155	...
7	.112	.071	.253	.1410	56.3	58.8	37.5	49.78	+ 1.93	.422	.252	.162	.277	.93	.50	.71	.73	S E b E	W b S	W b S	S 81 W	3.3	27.8	11.0	13.74	14.67	0.240	...
8	.201	.151	.178	.1727	35.7	45.9	40.9	41.52	− 5.93	.142	.148	.193	.161	.67	.46	.76	.61	S W b W	W b S	S W b W	S 69 W	9.2	15.3	9.4	11.75	11.93	0.032	Inap
9	.302	.479	.712	.5168	40.0	48.7	39.8	43.68	− 3.38	.205	.224	.200	.211	.83	.64	.81	.74	Calm.	N W b N	W b N	N 56 W	0.0	19.8	2.2	7.06	7.50	0.050	...
10	833	.856	—	—	42.5	52.7	—	—	—	.227	.215	—	—	.83	.53	—	—	W b N	W b S	W	N 83 W	2.0	9.6	1.0	3.79	3.93	.....	...
11	.894	.838	.809	.8470	42.2	47.6	45.8	45.40	− 0.85	.240	.183	.193	.209	.89	.54	.62	.69	Calm.	E b N	E b N	N 72 E	0.0	7.8	7.3	7.56	7.82	Inap	...
12	.732	.639	.557	.6318	45.4	50.1	51.0	49.23	+ 3.27	.220	.303	.343	.292	.72	.83	.92	.82	E N E	E N E	E	S 84 E	13.5	7.8	2.2	6.09	8.10	0.080	...
13	.475	.393	.427	.4258	53.8	55.0	47.6	51.97	+ 6.40	.370	.366	.282	.322	.89	.85	.86	.83	Calm.	S S W	Calm.	S 33 W	0.0	11.0	0.0	4.60	4.96	0.500	...
14	.387	.479	.615	.5080	43.3	49.6	45.3	46.00	+ 0.73	.221	.229	.235	.226	.78	.63	.78	.72	S W b S	S W	W	S 55 W	4.0	11.0	5.0	6.73	6.83	.....	...
15	.725	.810	.906	.8255	39.1	52.8	43.6	44.97	+ 0.12	.204	.261	.213	.226	.86	.65	.74	.75	Calm.	S W b S	N b W	S 82 W	0.0	1.4	1.2	0.42	1.14	.....	...
16	30.014	.991	.936	.9838	44.3	48.5	50.1	48.42	+ 3.88	.230	.278	.292	.275	.79	.81	.80	.81	N N E	E N E	E N E	N 67 E	1.4	1.7	4.2	4.47	4.53	0.030	...
17	29.963	.935	—	—	48.0	62.1	—	—	—	.300	.326	—	—	.89	.58	—	—	Calm.	Calm.	Calm.	S 10 W	0.0	0.0	0.0	2.11	2.12	.....	...
18	.934	.889	.852	.8980	42.9	62.2	50.6	52.57	+ 8.53	.248	.331	.316	.302	.89	.59	.85	.77	Calm.	S b W	Calm.	S 19 W	0.0	8.8	0.0	3.47	3.51	.....	...
19	.823	.814	.838	.8295	47.6	65.7	51.2	54.68	+10.90	.305	.413	.257	.328	.92	.65	.67	.76	Calm.	N W b N	N b W	N 10 W	0.0	1.4	9.0	5.50	5.91	.....	...
20	.839	.792	.804	.8155	49.6	57.4	55.6	53.78	+10.25	.309	.317	.336	.309	.86	.67	.75	.74	N	E	E N E	N 71 E	7.8	10.0	7.0	7.00	7.35	.....	...
21	.790	.792	.782	.7885	50.5	51.2	50.7	51.13	+ 7.88	.307	.335	.347	.321	.83	.89	.94	.86	E N E	E b N	E b S	N 77 E	12.6	1.5	2.0	3.65	3.69	0.390	...
22	.730	.712	.618	.6787	49.1	54.7	50.1	51.03	+ 8.07	.316	.272	.303	.298	.90	.63	.83	.80	S E b E	S	Calm.	S 15 W	2.2	5.4	0.0	1.77	3.33	0.020	...
23	.671	.701	.801	.7310	43.1	54.5	47.6	48.70	+ 5.95	.224	.244	.243	235	.80	.56	.74	.69	N W b W	N N W	N	N 23 W	1.0	4.8	6.2	3.57	5.69	.....	...
24	.848	.851	—	—	46.9	51.6	—	—	—	.263	.293	—	—	.81	.77	—	—	N b E	E S E	E	N 49 E	1.8	5.8	7.5	4.54	5.62	.....	...
25	.953	.940	.957	.9585	44.0	48.0	41.5	43.78	+ 1.50	.207	.108	.151	.157	.71	.32	.57	.55	N E	E	N E	N 61 E	4.2	12.2	8.2	6.34	7.04	.....	...
26	.964	.952	.956	.9615	34.2	46.9	37.9	39.87	− 2.12	.110	.158	.135	.133	.55	.49	.59	.54	N N E	E b N	N E	N 57 E	6.0	12.5	3.2	5.04	5.64	.....	...
27	.980	.954	.951	.9635	35.9	51.2	43.4	43.23	+ 1.45	.120	.156	.195	.154	.56	.42	.69	.54	N	E b S	E	N 55 E	4.8	3.5	3.0	2.35	2.74	.....	...
28	.965	.932	.836	.8888	40.2	51.4	51.4	48.15	+ 6.67	.155	.250	.224	.218	.61	.65	.59	.63	N E b N	E b N	E	N 83 E	4.2	14.5	15.2	11.57	11.78	0.020	...
29	.755	.617	.573	.6130	48.0	51.0	51.9	50.65	+ 9.38	.300	.338	.362	.335	.89	.90	.94	.90	E b N	Calm.	Calm.	S 87 E	9.5	0.0	0.0	2.09	2.11	0.145	...
30	.493	.454	.557	.4985	52.3	56.5	49.8	52.47	+11.52	.357	.425	.286	.353	.91	.94	.79	.88	Calm.	S W b S	Calm.	S 46 W	0.0	9.0	0.0	3.31	4.05	0.025	...
31	.597	.610	—	—	45.3	53.6	—	—	—	.247	.266	—	—	.82	.65	—	—	S W b S	W b S	W	S 67 W	1.6	3.8	1.4	3.21	3.49	Inap	...
M	29.6843	29.6680	29.6889	29.6813	45.05	53.78	47.48	48.70	+ 3.75	.2[illegible]	.262	.252	.256	.80	.62	.75	.72	.....	.....	.....	.....	3.40	8.04	4.45	.....	5.96	1.797	Inap