MONTHLY METEOROLOGICAL REGISTER, AT THE PROVINCIAL MAGNETICAL OBSERVATORY, TORONTO, CANADA WEST—DECEMBER, 1856.

Latitude—43 deg. 39.4 min. North. Longitude—79 deg. 21 min. 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	10PM	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	10PM	Resul't.	ME'N	Rain in Inches.	Snow in Inches.
1	29.842	29.748	29.714	29.7652	27.8	33.7	26.6	28.57	− 2.22	.134	.154	.113	.130	.88	.79	.79	.81	N E	E b N	N	N 23 E	7.6	6.0	6.0	5.25	6.57	...	1.0
2	.683	.560	.300	.5112	28.9	27.1	26.2	26.72	− 3.77	.125	.114	.138	.122	.78	.76	.96	83	N W b N	N b E	E N E	N 52 E	12.0	11.6	23.6	14.48	17.60	...	5.8
3	28 740	28.857	29.078	28.9098	35.6	29.5	27.7	30.43	+ 0.35	.187	.102	.132	.139	.90	.62	.86	.79	E b N	W b S	W	S 79 W	32.8	25.0	17.5	16.56	21.01	Inap	0.2
4	29.450	29.697	.732	29.6158	21.0	29 4	28.0	26.55	− 3.23	.112	.133	.114	.113	.96	.81	.74	.78	W b N	W b N	W S W	N 76 W	11.1	17.3	8.8	10.25	10.91	...	Inap
5	.791	.783	.842	.8178	26.0	29.7	20.8	24.93	− 4.43	.124	.122	.084	.104	.87	.73	.72	.75	W	W b S	S W b W	S 66 W	9.5	10.5	7.4	9.33	9.66	...	...
6	.822	.803	800	.8142	21.0	28.5	21.5	23.45	− 5.62	.099	.109	.101	.100	.85	.69	.84	.78	W S W	W S W	W S W	S 71 W	16.4	20.2	11.5	14.27	14.28	...	...
7	.825	.765	—	—	22.8	27.6	—	—	—	.117	.131	—	—	.92	.86	—	—	W b S	W S W	W S W	S 77 W	12.3	8 8	6.8	6.95	8.11	...	0.3
8	.814	.849	.949	.8842	17.6	23.8	20.5	20.40	− 8.07	.088	.101	.105	.096	.86	.76	.91	.83	N	N W	W b N	N 48 W	6.2	2.0	6.8	3.77	4.18	...	0.1
9	30.076	30.138	30.164	30.1285	20.5	28.2	28.2	25.73	− 2.42	.038	.125	.121	.115	.86	.80	.77	.81	N N W	E S E	S S E	S 56 E	3.8	0.5	9.5	3.21	4.42	...	...
10	30.072	29.920	29.713	29.8820	28.7	33.7	35.0	31.47	+ 3.57	.146	.133	.142	.135	.92	.69	.70	.76	S E b E	E	E b S	S 82 E	4.2	7.8	7.5	6.78	7.41	0.330	...
11	29.382	.087	210	.2292	34.5	41.2	38.1	37.80	+10.15	.195	.232	.205	.206	98	.90	.90	.91	E	S b W	S W b W	S 33 W	12.5	15.5	20.5	11.13	18.57	0.855	...
12	.439	.513	.643	.5480	34.1	34.9	29.2	33.38	+ 6.03	.139	.146	.139	.145	.71	.72	.86	.76	S W b W	S W b W	W S W	S 55 W	13.0	9.4	5.5	10.46	10.62	...	Inap
13	.842	.828	.583	.7315	32.1	35.2	34.7	34.05	+ 6.90	.164	.167	.146	.155	.91	.82	.73	.80	S W b W	S W	E b N	S 56 E	9.5	3.0	13.5	4.44	9.91	...	2.6
14	28.973	28.512	—	—	33.2	35.2	—	—	—	.189	.167	—	—	1.00	.82	—	—	E	S W b S	W b S	S 70 W	17.4	27.0	37.0	19.76	28.06	0.465	0.4
15	29.375	29.648	.745	.6155	19.7	19.5	20.0	19.35	− 7.42	.078	.077	.085	.083	.71	.71	.77	.76	W b S	N W b N	W b S	N 75 W	26.8	12.4	7.0	8.87	9.67	...	0.1
16	.741	.682	.770	.7400	19.0	21.9	14.9	18.00	− 8.57	.095	.086	.066	.080	.90	.70	.73	.76	S W b W	W b S	N W b N	N 81 W	4.5	16.2	16.0	7.64	10.20	...	0.3
17	.972	30.054	30.204	30.0972	7.2	5.3	-1.1	3.45	−22.92	.057	.050	.035	.048	.87	.83	.76	.84	N b W	N N W	N b W	N 15 W	7.7	13.6	8.3	8 17	8.27	...	Inap
18	30.414	30.436	30.383	30.4187	-8.8	-1.6	2.7	-2.08	−28.25	.022	.038	.052	.040	.67	.88	.95	.86	N	N E b N	N N E	N 52 E	4.6	5.1	9.2	7.41	9.77	...	1.0
19	30.205	29.906	29.553	29.8553	15.4	23.3	29.8	24.00	− 2.07	.087	.093	.148	.112	.93	.72	.89	.82	E	E b S	E S E	S 67 E	18.8	13.0	12.0	13.82	14.72	0.080	0.2
20	29.285	.251	.598	.3918	37.7	35.2	18.0	29.85	+ 3.97	.206	.199	.077	.153	.91	.97	.75	.85	S	W b S	W S W	S 59 W	13.0	15.4	31.0	19.02	19.06	0.060	Inap
21	.758	.771	—	—	13.7	23.3	—	—	—	.065	.085	—	—	.76	.66	—	—	S W b W	S W b S	W N W	S 48 W	18.2	8.5	3.8	10.19	11.87	...	Inap
22	510	.391	.562	.4922	19.4	21.7	16.0	18.45	− 7.22	.092	.119	.081	095	.84	.98	.85	.89	S S E	S S E	N W b N	N 75 E	12.0	12.5	6.0	1.07	8.18	...	3.0
23	.701	.773	.810	.7785	5.0	12.2	6.8	8.37	−17.20	.043	.070	.056	057	.73	.86	.87	.83	N W	N W b N	N W	N 33 W	4.8	14 4	12.0	9.21	9.38	...	...
24	.715	.529	.444	.5518	6.9	17.4	14.4	13.12	−12.37	.058	.073	.079	.070	.89	.73	.89	.83	N W b W	N W b W	W N W	N 62 W	10.0	16.8	18.0	16.19	16.34	...	...
25	.433	.477	—	—	17.2	21.9	—	—	—	.085	.107	—	—	.85	.88	—	—	W b N	W b N	S W b W	S 79 W	12.2	30.0	15.0	15.13	15.78	Inap	0.1
26	.593	.635	.755	.6775	23.5	28.7	24.8	25.60	+ 0.30	.110	.143	121	.122	.84	.90	.88	.87	S W b W	W	N b E	N 85 W	11.6	20.6	14.4	10.49	14.47	Inap	Inap
27	.849	.825	.745	.8010	14.9	23.2	18.7	19.03	− 6.25	.079	.105	.096	.094	.88	.81	.91	.87	N W	N b E	N E b N	N 7 E	10.6	5.5	5.0	8.37	9.42	...	0.5
28	.522	.427	—	—	22.3	26.6	—	—	—	.121	.134	—	—	.98	.91	—	—	N E b E	N E b E	W S W	S 62 W	10.5	5.6	12.5	2.27	10.49	Inap	0.1
29	.524	.614	.690	.6218	28.4	26.6	24.4	26.33	+ 1.13	.136	.123	.113	.123	.87	.83	84	.84	W S W	S W b W	W b S	S 62 W	12.0	11.0	7.0	8.55	8.70	...	Inap
30	.723	.707	.742	.7300	23.9	25.7	22.8	24.13	− 1.03	.124	.106	.109	.113	.95	.75	.86	.85	W	W S W	N W b W	S 78 W	3.4	2.0	3.4	2.96	3.13	...	0.6
31	.839	.891	.915	.8838	20.5	25.1	25.7	23.92	− 1.27	.111	.121	.119	.117	.96	.87	.85	.89	W S W	N W	N b E	N	2.0	5.0	7.5	5.22	6.70	...	Inap
M	29 7080	29.6937	29.7174	29.7113	21.56	25.35	22.09	22.88	− 4.21	.112	.117	.107	.110	.86	.79	.83	.82					11.94	12.01	11.32		11.56	1.790	16.3