

MONTHLY METEOROLOGICAL REGISTER, AT H. M. MAGNETICAL OBSERVATORY, TORONTO, C. W.—March, 1850.
 Latitude 43° 30' 4 N. Longitude, 79° 21' 5 W. Elevation above Lake Ontario, 108 feet. —(For the British American Medical and Physical Journal.)

Day.	Barometer at Temp. of 32°			Temperature of the Air.			Elasticity of Vapour.			Humidity of the Air.			Wind.			Ins. of Rain.	Weather.	
	7 A.M.	3 P.M.	10 P.M.	7 A.M.	3 P.M.	10 P.M.	7 A.M.	3 P.M.	10 P.M.	7 A.M.	3 P.M.	10 P.M.	7 A.M.	3 P.M.	10 P.M.			
1	28.614	28.614	28.614	31.0°	32.2	32.0	1.61	1.72	1.46	81	95	83	W by S	W by S	W by S	—	—	Clear, am, sr, w, & h'l, cl'r, gen
2	29.156	29.334	29.610	29.7	34.6	32.3	1.51	1.31	1.10	96	67	74	W by S	W by S	W by S	—	—	Mostly clear all day, prt's of sr w
3	29.650	29.681	—	8.2	20.4	—	0.50	1.04	—	91	91	—	W by S	W by S	W by S	—	—	Mostly clear, very fine
4	29.929	29.897	29.917	15.7	28.2	—	0.75	1.14	0.90	77	73	70	W by S	W by S	W by S	—	—	Partly clear
5	29.904	29.738	29.686	23.9	39.4	33.4	1.07	1.07	0.90	81	80	69	W by S	W by S	W by S	—	—	Mostly cl'r, very fine day & night
6	29.493	29.179	24.989	37.8	35.8	33.8	1.36	1.51	1.65	82	75	84	N by E	N by E	N by E	0.335	—	Densely clouded, snow, locum
7	29.408	29.454	29.443	38.0	37.8	36.0	1.48	1.31	1.43	78	67	77	W by S	W by S	W by S	—	—	Densely clouded.
8	29.788	29.898	29.834	32.6	32.0	32.0	1.09	1.09	0.90	72	70	68	W by S	W by S	W by S	—	—	Clear and fine.
9	29.847	29.803	29.836	32.0	32.0	32.0	1.10	1.12	1.29	72	73	73	W by S	W by S	W by S	—	—	Clouded, particles of snow
10	29.517	29.304	29.575	29.8	28.0	28.0	1.33	1.24	1.14	81	80	81	W by S	W by S	W by S	—	—	Generally clear
11	29.782	29.671	29.683	21.0	28.6	—	0.79	1.37	1.14	70	86	81	W by S	W by S	W by S	—	—	Clouded, if sr w fm 11 pm to 1 am
12	29.871	29.781	29.663	13.0	33.2	31.8	0.89	1.37	1.36	83	72	88	W by S	W by S	W by S	—	—	Clouded all day
13	29.142	29.115	29.196	20.2	38.0	38.4	1.41	1.06	0.92	91	91	90	W by S	W by S	W by S	0.410	—	Densely clouded, r'ing fm 1 to 10 pm
14	29.529	29.315	29.548	20.3	40.4	39.7	1.22	0.93	1.17	83	69	97	W by S	W by S	W by S	—	—	Generally clouded all day
15	29.073	29.730	29.832	29.7	33.7	35.0	1.40	1.17	1.44	78	73	78	W by S	W by S	W by S	—	—	Densely clouded all day
16	29.911	29.885	29.891	29.7	35.0	33.2	1.52	1.48	1.50	73	66	78	W by S	W by S	W by S	—	—	Partly clear. It r' at night
17	29.771	29.660	29.653	33.6	37.6	—	1.71	1.78	1.55	74	74	79	W by S	W by S	W by S	—	—	Clouded all day
18	29.385	29.441	29.653	32.0	32.3	—	1.57	1.64	1.58	81	80	80	W by S	W by S	W by S	—	—	Densely clouded, it snow dur day
19	29.789	30.009	30.682	19.0	31.2	27.5	1.06	0.69	0.82	95	55	61	W by S	W by S	W by S	—	—	Clear and fine
20	29.209	30.176	30.132	14.9	27.5	13.7	1.00	0.85	0.77	70	66	76	W by S	W by S	W by S	—	—	Clear and fine
21	29.057	29.605	29.797	18.9	38.4	35.9	0.94	1.07	1.02	63	65	77	W by S	W by S	W by S	—	—	Partly clear, fine
22	29.671	29.635	29.461	29.6	36.4	29.2	0.91	1.32	1.30	63	74	69	W by S	W by S	W by S	—	—	Mostly clouded all day
23	29.394	29.342	29.492	20.4	33.0	30.5	1.30	1.16	1.30	77	49	73	W by S	W by S	W by S	—	—	Partly clear, all day
24	29.417	29.384	29.536	20.8	31.6	—	1.30	1.04	0.97	78	93	—	W by S	W by S	W by S	—	—	Mostly clear, very fine
25	29.458	29.560	29.536	20.0	30.1	21.6	1.08	1.02	0.97	85	53	85	W by S	W by S	W by S	—	—	Clouded, prt's of snow dur day
26	29.178	29.431	29.616	19.8	33.6	26.3	0.92	0.82	0.90	78	62	61	W by S	W by S	W by S	—	—	Clouded all day
27	29.605	29.464	29.477	19.8	33.9	29.0	1.31	1.23	1.31	77	62	85	W by S	W by S	W by S	—	—	Clouded, oc hly showers of snow
28	29.527	29.457	29.477	19.8	37.4	33.4	1.17	1.23	1.08	93	93	89	W by S	W by S	W by S	—	—	Mostly clear, very fine day
29	29.523	29.513	29.513	23.8	35.0	—	1.33	1.32	1.50	82	82	—	W by S	W by S	W by S	—	—	Partly clear, fine day
30	29.707	29.723	29.723	28.2	42.4	31.0	1.38	1.18	1.50	89	87	88	W by S	W by S	W by S	—	—	Partly clear, fine day
31	29.774	29.725	29.725	29.9	42.7	—	1.51	1.18	1.29	82	82	78	W by S	W by S	W by S	—	—	Partly clear, fine day
Feb. 25-50	29.671	29.601	29.611	29.1	34.4	28.8	1.18	1.40	1.29	79	71	80	W by S	W by S	W by S	—	—	

Sum of the Atmospheric Currents resolved into the four Cardinal directions.
 North 2130.63, West 2544.10, East 1300.51, South 940.54.
 Mean velocity, 7.63 miles per hour.
 Most Windy day, 14, mean velocity per hour, 14.65 miles.
 Least " do., 13th, " do., " do., 2.00 miles.
 Most Windy hour, 2 p.m., mean velocity, 9.73 miles per hour.
 Least " do., midnight, " do., " do., 5.36 " do.
 Mean Diurnal variation, 2.06 miles per hour.

Year	Mean			Max.	Min.	Inch.	Inch.	Inch.	Inch.	Inch.	Inch.
	Barom.	Temp.	Wind								
1850	29.671	32.4	9.2	46.6	9.2	61.3	4.4	1.640	7	8	7
1811	29.671	32.4	9.2	46.6	9.2	61.3	4.4	1.640	7	8	7
1812	29.671	32.4	9.2	46.6	9.2	61.3	4.4	1.640	7	8	7
1813	29.671	32.4	9.2	46.6	9.2	61.3	4.4	1.640	7	8	7
1814	29.671	32.4	9.2	46.6	9.2	61.3	4.4	1.640	7	8	7
1815	29.671	32.4	9.2	46.6	9.2	61.3	4.4	1.640	7	8	7
1816	29.671	32.4	9.2	46.6	9.2	61.3	4.4	1.640	7	8	7
1817	29.671	32.4	9.2	46.6	9.2	61.3	4.4	1.640	7	8	7
1818	29.671	32.4	9.2	46.6	9.2	61.3	4.4	1.640	7	8	7
1819	29.671	32.4	9.2	46.6	9.2	61.3	4.4	1.640	7	8	7
1850	29.671	32.4	9.2	46.6	9.2	61.3	4.4	1.640	7	8	7