

Monthly Meteorological Register, at the Provincial Magnetical Observatory, Toronto, Canada West.—March, 1855.
 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 deg.				Temp. of the Air.				Mean Temp. + or - of the Average	Tension of Vapour.				Humidity of Air.				Wind.				Rain in Inch.	Snow in Inch.
	6 A.M.	2 P.M.	10 P.M.	Mean.	6 A.M.	2 P.M.	10 P.M.	M.N.		6 A.M.	2 P.M.	10 P.M.	M.N.	6 A.M.	2 P.M.	10 P.M.	M.N.	6 A.M.	2 P.M.	10 P.M.	Mean Vely.		
1	30.060	29.966	29.952	30.001	-2.9	31.5	21.1	19.2	-6.0	0.039	0.120	0.116	0.097	.93	.68	.86	.82	NWbW	S W	W S W	7.74	...	...
2	29.900	29.788	29.733	29.798	23.7	35.2	30.2	29.6	+ 4.2	.119	.181	.150	.151	.92	.90	.89	.90	SWbW	S W b S	Calm	4.46	...	1.0
3	29.659	29.561	29.659	29.625	29.4	31.7	34.8	33.3	+ 7.6	.148	.165	.183	.170	.91	.86	.92	.90	SWbW	SWbW	W b S	4.98	...	...
4	29.740	29.706	29.706	29.717	26.6	39.5	30.6	26.5	0.0	.127	.176	—	—	.87	.73	—	—	NWbW	S W	W b S	7.00	0.170	...
5	29.335	29.187	29.031	29.182	36.5	39.7	39.5	37.7	+11.4	.205	.214	.184	.192	.95	.88	.76	.85	SWbW	SWbW	N W b S	15.41	0.005	...
6	29.391	29.161	29.064	29.206	26.6	33.9	20.6	26.5	0.0	.126	.160	.102	.126	.86	.81	.90	.85	WN W	W b S	N	15.41	0.005	...
7	29.524	29.481	29.481	29.524	17.6	27.3	23.7	23.3	- 3.5	.076	.128	.119	.111	.75	.85	.92	.85	N	E b N	N N E	2.10	...	2.0
8	29.790	29.720	29.720	29.790	9.0	31.9	29.1	24.4	- 2.8	.058	.133	.148	.117	.83	.74	.92	.86	N	S b E	E S E	2.42	...	1.2
9	29.238	29.138	29.138	29.238	26.6	29.0	17.2	24.4	- 3.1	.136	.111	.085	.116	.92	.68	.85	.84	W b S	NWbW	N N W	20.72	...	0.1
10	29.994	29.903	29.776	29.880	7.9	25.5	24.8	19.4	- 8.4	.054	.102	.119	.092	.81	.73	.87	.80	N N W	SWbW	S S E	3.75	...	...
11	29.586	29.490	29.490	29.586	28.4	29.8	—	—	—	.146	.134	—	—	.94	.81	—	—	E	E N E	N E b N	7.27	...	...
12	29.658	29.712	29.766	29.726	24.8	35.1	25.5	27.9	- 0.6	.119	.128	.126	.120	.87	.63	.89	.79	N	E b S	E N E	7.58	...	...
13	29.602	29.304	29.174	29.352	25.1	27.8	30.2	28.2	- 0.8	.100	.141	.163	.139	.72	.91	.97	.88	E N E	E	E b S	20.74	...	6.0
14	29.260	29.369	29.395	29.344	33.0	38.8	36.3	36.6	+ 7.3	.169	.162	.183	.179	.90	.69	.86	.83	Calm	S S E	Calm	3.47	0.680	...
15	29.137	29.153	29.153	29.137	36.3	41.4	32.4	36.1	+ 6.4	.213	.179	.167	.181	.100	.69	.92	.86	E	W b N	W	10.92	0.415	...
16	29.716	29.741	29.736	29.730	22.7	37.8	30.5	31.1	+ 1.1	.106	.142	.148	.135	.84	.63	.88	.78	Calm	S b W	Calm	2.18	...	0.1
17	29.473	29.426	29.403	29.323	32.7	38.1	34.8	35.4	+ 4.9	.139	.167	.151	.159	.86	.72	.74	.79	E	S b W	SWbW	17.70	0.215	...
18	29.625	29.644	29.644	29.625	31.7	39.9	—	—	—	.149	.160	—	—	.83	.66	—	—	W b S	W b S	Calm	6.83	...	...
19	29.633	29.507	29.408	29.506	21.9	40.2	24.9	28.8	- 2.5	.102	.159	.113	.129	.84	.64	.82	.77	Calm	S E b S	W S W	9.72	...	0.5
20	29.453	29.553	29.553	29.453	21.0	28.0	21.9	23.7	- 7.9	.101	.095	.097	.098	.89	.62	.80	.76	W S W	W b S	W	18.35	...	Inap.
21	29.933	29.940	29.916	29.934	21.2	28.2	26.9	24.0	- 8.0	.100	.131	.131	.114	.85	.84	.88	.86	N W	W	W N W	5.25	...	...
22	29.816	29.679	29.508	29.652	17.4	32.7	23.7	25.4	- 7.1	.079	.094	.099	.097	.79	.61	.75	.69	W N W	W S W	SWbW	10.99	...	0.1
23	29.143	28.858	28.960	28.981	26.9	31.0	29.8	29.6	- 3.2	.131	.161	.162	.133	.88	.81	.61	.79	SWbW	S W	W N W	16.31	...	0.3
24	29.148	29.248	29.351	29.266	7.9	23.8	21.5	17.1	-16.0	.051	.078	.101	.076	.76	.61	.84	.74	N N W	NWbW	W	18.46	...	...
25	29.367	29.313	29.313	29.367	23.3	33.2	—	—	—	.111	.165	—	—	.86	.87	—	—	W b S	W b S	W	12.72	...	0.3
26	29.262	29.044	29.082	29.113	27.3	30.0	26.2	27.8	- 6.2	.133	.140	.131	.134	.88	.83	.91	.87	Calm	E b S	W b S	10.88	...	6.5
27	29.260	29.426	29.554	29.429	22.6	28.2	20.2	23.1	-11.3	.114	.124	.096	.109	.91	.79	.86	.85	N b W	NWbW	NWbW	12.52	...	...
28	29.573	29.515	29.515	29.573	20.0	29.5	23.3	24.8	- 9.9	.092	.106	.112	.102	.82	.64	.86	.75	NWbW	W b N	W b S	14.82	...	...
29	29.519	29.492	29.492	29.519	22.3	43.2	33.0	33.5	- 1.6	.100	.130	.148	.131	.80	.47	.78	.69	W b S	W S W	S W	10.55	...	...
30	29.500	29.546	29.521	29.540	29.8	46.5	34.8	37.6	+ 2.1	.136	.168	.153	.160	.82	.64	.74	.72	W S W	SWbW	Calm	5.90	...	...
31	29.511	29.345	29.345	29.511	35.0	48.6	36.6	39.8	+ 3.9	.188	.229	.184	.194	.93	.68	.85	.81	N	S W	W b S	6.74	...	...
M	29.540	29.485	29.513	29.513	23.1	34.1	28.0	28.5	- 1.9	0.116	0.143	0.134	0.132	.86	.72	.85	.81	8.71	11.25	9.49	9.95	1.485	18.1

Highest Barometer..... 30.079, at 11 a.m. on 21st } Monthly range:
 Lowest Barometer..... 28.792, at 8 p.m. on 23rd } 1.287 inches.
 Highest registered temperature +49° 4, at p.m., 31st } Monthly range:
 Lowest registered temperature -2° 0, at a.m. on 1st } 52° 3.
 Mean Maximum Thermometer..... 36° 52 } Mean daily range:
 Mean Minimum Thermometer..... 19° 63 } 16° 89.
 Greatest daily range.....37° 3, from a.m. to p.m. of 1st.
 Least daily range..... 7° 8, from p.m. of 14th, to a.m. of 15th.
 Warmest day..... 31st. Mean temperature.....39° 82 } Difference,
 Coldest day..... 24th. Mean temperature.....17° 15 } 22° 67.
 Greatest intensity of Solar Radiation, 58° 2 on p.m. of 30th } Range,
 Lowest point of Terrestrial Radiation, 2° 8 on a.m. of 10th } 55° 4.
 Aurora observed on 5 nights: viz. 6th, 9th, 12th, 15th and 18th.
 Possible to see Aurora on 16 nights. Impossible on 15 nights.
 Raining on 5 days. Raining 20.0 hours; depth, 1.485 inches.
 Snowing on 11 days. Snowing 44.2 hours; depth 18.1 inches.
 Mean of Cloudiness, 0.67. No thunder or lightning observed during the month.
 Halos were observed on the 1st, 2nd, 10th, 16th, 22nd, 26th, 28th and 30th.
 Parhelia were noted on the 16th at 7 a.m., and on the 30th at 6 p.m.
 Sum of the Atmospheric Current, in miles, resolved into the four Cardinal directions.

North—1644.90 West—4790.04 South.—509.00 East—1255.00.
 Mean direction of the Wind, W 16° N.
 Mean velocity of the Wind, 9.95 miles per hour.
 Maximum velocity, 36.0 miles per hour, from 10 to 11 a.m. on 20th.
 Most windy day, the 13th; mean velocity, 20.74 miles per hour.
 Least windy day, the 7th; mean velocity, 2.10 " "
 Most windy hour, 5 p.m.; Mean velocity, 12.48 miles per hour.
 Least windy hour, 2 a.m.; Mean velocity, 8.08 miles per hour.
 Mean diurnal variation, 4.40 miles.

March, 1855, was remarkable as the most windy month recorded during the last eight years, the mean hourly velocity exceeding the

average by 2.94 miles, and surpassing the next most windy month, (Dec., 1854), by 1.31 miles per hour.

The quantity of snow which fell was considerable, exceeding the average of the last thirteen years by 8.2 inches, being only surpassed on two occasions—in March 1843 and 1852.

It was also a cold month, the mean temperature falling 1° 9. below the average of the last sixteen years.

The Barometric pressure (29.5129) is the lowest monthly mean for any March during the whole series.

Comparative Table for March.

Year.	Temperature.				Rain.		Snow.		Wind Mean Velocity.	
	Mean.	Dif. from Av'ge	Max. obs'd	Min. obs'd	Range	D's.	Inch.	D's.		Inch.
1840	33.1	+2.9	56.9	8.7	48.2	8	1.640	8	...	...
1841	27.7	-2.7	53.5	-6.9	60.4	5	1.170	7	...	0.51
1842	35.8	+5.4	68.7	14.9	53.8	4	3.150	8	...	0.70
1843	21.3	-9.1	38.6	-2.8	41.4	2	0.625	18	25.7	1.18
1844	31.3	+0.9	50.3	9.6	40.7	8	2.470	8	14.0	0.57
1845	35.4	+5.0	61.7	9.9	51.8	5	Impf.	8	2.8	0.66
1846	33.1	+2.7	49.3	7.6	41.7	9	1.965	5	2.3	0.30
1847	26.2	-4.2	44.3	4.8	39.5	5	0.850	6	4.2	0.71
1848	28.6	-1.8	58.9	0.9	58.0	5	1.220	6	9.7	5.80
1849	33.5	+3.1	53.4	15.4	38.0	7	1.525	2	2.3	5.37
1850	29.8	-0.6	46.0	6.0	40.0	2	0.745	7	11.2	7.62
1851	32.4	+2.0	58.7	13.1	45.6	3	0.770	9	8.8	7.05
1852	27.7	-2.7	44.8	-3.2	48.0	8	3.080	12	19.5	5.81
1853	30.6	+0.2	56.3	-0.1	56.4	6	1.080	8	7.1	5.87
1854	30.7	+0.3	52.8	10.4	42.4	9	2.425	3	2.8	8.02
1855	28.5	-1.9	48.6	-2.9	51.5	6	1.485	11	18.1	9.95
M'n.	30.37		52.67	5.34	47.34	5.71	1.613	7.9	9.9	7.01

0.66 lbs. Miles.