

REMARKS ON TORONTO METEOROLOGICAL REGISTER FOR APRIL, 1876.

NOTE.—The monthly means of Barometer and Temperature include Sunday observations. The daily means, excepting those that relate to the wind, are derived from six observations daily, namely, at 6 A.M., 8 A.M., 2 P.M., 4 P.M., 10 P.M., and midnight. The means and results for the wind are from hourly observations.

Highest Barometer..... 30.070 at 2 p.m. on 5th } Monthly range
Lowest Barometer..... 28.802 at 8 p.m. on 29th } 1.157.
{ Maximum temperature..... 62.2 on 10th } Monthly range
{ Minimum temperature..... 10.0 on 18th } 62.2.
Mean maximum temperature..... 49.05 }
Mean minimum temperature..... 28.98 }
Greatest daily range..... 15.07.
Least daily range..... 2.96 from a.m. to p.m. of 10th.
Warmest day..... 10th; mean temperature..... 45.70 }
Coldest day..... 17th; mean temperature..... 18.87 } Difference = 26.83.
Maximum { Solar..... 123.0 on 26th } Monthly range
Radiation { Terrestrial..... 0.0 on 18th } 123.0.
Aurora observed on 1 night, viz., 26th.
Possible to see Aurora on 16 nights; impossible on 14 nights.
Snowing on 8 days; depth, 2.7 inches; duration of fall, 26.2 hours.
Raining on 10 days; depth, 1.230 inches; duration of fall, 32.9 hours.
Mean of cloudiness, 0.62.

WIND.

Resultant direction, N. 37° W.; resultant velocity, 3.71 miles.
Mean velocity, 10.16 miles per hour.
Maximum velocity, 39.8 miles, from 9 p.m. to 10 p.m., 29th.
Most windy day, 21st; mean velocity, 18.76 miles per hour.
Least windy day, 3rd; mean velocity, 2.50 miles per hour.
Most windy hour, 2 p.m.; mean velocity, 13.47 miles per hour.
Least windy hour, 3 a.m.; mean velocity, 7.36 miles per hour.

Fog on 1st, 3rd, and 14th.
Solar halos on 14th and 26th.
Lunar halo on 18th.
13th, Day open.

COMPARATIVE TABLE FOR APRIL.

YEAR.	TEMPERATURE.				RAIN.		SNOW.		WIND.		
	Mean	Excess above Average.	Max. mum.	Min. mum.	Range	No. of days.	Inches.	No. of days.	Inches.	Resultant Direction.	Mean Velocity.
1847	39.2	- 1.6	65.1	9.3	55.8	8	2.876	2	4 0	0	0.59 lbs.
1848	41.3	+ 0.5	66.1	22.7	42.4	6	1.455	1	0.5	N 77 W 1.46	4.80 mls.
1849	39.0	- 1.8	72.0	15.6	56.5	2	2.656	2	1.7	N 43 W 3.14	7.50
1850	37.9	- 2.9	66.7	18.0	47.7	7	4.720	2	1.1	N 50 E 1.12	7.64
1851	41.3	+ 0.5	69.8	25.8	43.6	11	2.208	3	1.2	N 14 E 2.52	8.07
1852	38.2	- 2.6	63.8	20.0	43.8	6	1.090	4	9.4	N 23 E 2.41	6.68
1853	41.0	+ 1.1	65.7	25.0	40.7	10	2.625	1	1.0	N 13 W 1.95	5.20
1854	41.0	+ 0.3	64.6	20.2	44.3	12	2.655	4	2.7	N 60 E 2.57	6.81
1855	42.4	+ 1.6	69.4	10.7	58.7	8	2.030	3	1.6	N 50 W 3.59	7.87
1856	42.3	+ 1.6	72.2	14.2	58.0	13	2.780	3	0.1	N 29 E 1.64	6.05
1857	35.3	- 5.5	62.0	5.9	46.1	10	1.755	11	12.9	N 60 W 4.15	10.24
1858	41.5	+ 0.7	65.2	21.8	43.4	13	1.642	2	0.1	N 14 W 1.64	9.57
1859	39.5	- 1.3	64.8	22.6	42.2	9	2.627	6	1.2	N 36 W 2.33	10.79
1860	39.6	- 1.3	61.8	10.5	42.3	11	1.282	5	0.3	N 37 W 4.10	10.39
1861	42.0	+ 1.2	67.0	23.8	43.2	12	1.619	4	6.9	N 37 E 2.31	8.90
1862	39.6	+ 1.2	68.0	14.6	53.5	10	2.235	4	0.2	N 60 E 2.48	9.77
1863	42.0	+ 1.2	69.0	8.6	60.4	8	2.210	3	1.6	N 14 E 3.75	9.20
1864	40.9	+ 1.1	69.4	28.1	31.3	10	3.653	6	8.3	N 41 E 3.39	7.77
1865	43.1	+ 2.3	62.5	23.0	39.5	17	3.972	2	2.0	N 84 W 2.11	8.39
1866	43.9	+ 3.1	71.0	28.5	42.5	7	1.676	6	Inap.	N 42 W 3.34	7.05
1867	38.5	- 1.3	65.6	25.4	40.1	12	2.147	10	7.2	N 51 W 2.68	7.89
1868	38.0	- 2.8	64.0	9.2	54.8	7	0.990	6	6.3	N 69 W 4.03	8.91
1869	40.1	- 0.7	72.2	16.6	55.6	9	2.145	2	0.5	N 40 E 3.55	7.03
1870	44.6	+ 3.8	67.0	29.6	37.4	9	3.315	2	0.1	N 48 W 1.86	8.85
1871	43.0	+ 2.2	72.8	26.4	46.4	17	3.315	2	1.3	N 48 W 1.86	8.85
1872	40.5	- 0.3	70.0	22.7	47.3	9	0.910	6	0.7	N 38 W 2.89	9.05
1873	38.6	- 2.2	61.2	24.4	36.8	13	3.976	3	Inap.	N 19 W 4.04	9.64
1874	34.2	- 6.6	60.8	9.5	51.3	4	1.240	7	11.0	N 38 W 3.71	10.16
1875	36.4	- 4.4	62.2	10.0	52.2	10	1.230	8	2.7	N 37 W 3.71	10.16
Results for 1871	40.84	...	65.25	19.34	45.91	9.86	2.362	3.76	2.53	N 21 W 2.14	8.26
Excess for 1875	4.49	...	3.05	9.34	6.29	0.11	1.132	4.26	0.17	...	1.90