

REMARKS ON TORONTO METEOROLOGICAL REGISTER FOR APRIL, 1873.

NOTE.—The monthly means do not 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 recurrences for the wind are from hourly observations.

Highest Barometer.....29.844 at 10 p.m. on 30th } Monthly range
 Lowest Barometer.....29.087 at 6 p.m. on 2nd } 0.757.
 { Maximum Temperature61°2 on 30th } Monthly range
 { Minimum Temperature24°4 on 23rd } 36°8.
 { Mean Maximum Temperature32°6 }
 { Mean Minimum Temperature14°6 } Mean daily range
 { Greatest daily range.....25°7 from a.m. to p.m. of 14th.
 { Least daily range 3°1 from a.m. to p.m. of 6th.
 Warmest Day.....30th ... Mean Temperature.....49°27 } Difference=15°50.
 Coldest Day.....1st ... Mean Temperature.....35°37 }
 Maximum Solar.....123°5 on 13th } Monthly range
 Radiation { Terrestrial..... 18°0 on 23rd } 105°3.
 Aurora observed on 9 nights, viz., 2nd, 16th, 18th, 19th, 20th, 21st, 23th, 26th and 30th.
 Possible to see Aurora on 18 nights; impossible on 12 nights.
 Snowing on 3 days; depth inapp.; durati in of fall 5.3 hours.
 Raining on 13 days; depth 3.975 inches; duration of fall 124.7 hours.
 Mean of Cloudiness, 0.68.

WIND.

Resultant Direction N. 15° E.; Resultant Velocity 2.89 miles.
 Mean Velocity 0.05 miles per hour.
 Maximum Velocity 26.6 miles, from 1 p.m. to 2 p.m. of 14th.
 Most Windy day 16th; Mean Velocity 17.10 miles per hour.
 Least Windy day 18th; Mean Velocity 3.05 miles per hour.
 Most Windy hour 2 p.m.; Mean Velocity 12.15 miles per hour.
 Least Windy hour 2 a.m.; Mean Velocity 0.79 miles per hour.

Fog on 6th, 7th and 9th.

Solar halos on 1st and 23th. Lunar halo on 3rd.

5th.—First Thunder storm of the year, extending over a large part of Canada, and causing a considerable destruction of life and property. 11th—Day clear of ice. 17th—City of Toronto's first trip. 12th—Woodpeckers seen. 24th—Swallows seen, 18 days later than last year.

COMPARATIVE TABLE FOR APRIL.

YEAR.	TEMPERATURE.				RAIN.		SNOW.		WIND.		
	Mean.	Excess above average.	Maxt. min.	Min. min.	Range.	No. of days.	Inches.	No. of days.	Inches.	Direction.	Mean Velocity.
1845	42.1	+ 1.0	66.7	15.5	51.2	11	3.260	4	5.5
1847	44.0	+ 2.9	81.8	24.2	57.6	10	1.806	3	1.3
1847	39.2	- 1.0	65.1	9.3	55.8	8	2.876	2	4.0
1848	41.3	+ 2.2	63.1	22.7	42.4	5	1.455	1	0.5	N 77 W	1.46
1849	39.1	- 2.1	74.0	15.5	59.5	10	2.659	2	1.1	N 43 W	3.11
1850	37.9	- 3.2	62.7	18.8	47.1	7	1.726	2	1.1	N 50 E	1.12
1851	41.5	+ 2.4	59.3	25.8	33.5	6	1.225	3	1.2	N 50 E	1.12
1852	38.2	- 2.9	53.8	24.0	33.8	6	1.890	4	9.4	N 23 E	2.72
1853	41.9	+ 0.8	63.7	25.0	40.7	10	2.625	1	1.0	N 12 W	1.95
1854	41.0	- 0.1	64.5	20.2	44.3	12	2.082	4	2.1	N 50 E	2.57
1855	42.4	+ 1.3	69.4	10.7	58.7	5	2.030	3	1.6	N 36 W	3.94
1856	42.3	+ 1.2	72.2	14.2	58.0	13	2.780	3	1.6	N 29 E	1.94
1857	35.4	- 5.7	62.0	6.9	46.1	10	1.559	11	12.9	N 60 W	4.16
1858	41.5	+ 0.4	63.2	21.8	43.4	13	1.042	2	0.1	N 11 W	3.04
1859	39.5	- 1.6	64.8	22.6	42.2	9	2.527	8	1.2	N 33 W	2.33
1860	42.4	+ 0.9	67.0	19.8	43.2	11	2.252	5	0.5	N 37 W	4.10
1861	42.4	+ 1.5	68.0	14.5	53.9	10	2.253	4	0.2	N 57 E	2.51
1862	42.0	+ 0.9	69.0	8.6	60.4	8	2.210	4	1.6	N 50 E	2.51
1864	42.0	+ 0.9	69.0	24.1	31.5	10	4.683	3	3.5	N 14 E	3.75
1865	43.1	+ 2.0	62.5	23.0	39.5	17	3.972	6	2.0	N 84 W	3.39
1866	43.9	+ 2.8	71.0	28.5	42.5	7	1.071	2	0.0	N 42 W	3.11
1867	39.5	- 1.6	65.5	25.4	40.1	12	2.147	5	7.2	N 42 W	3.31
1868	38.0	- 3.1	64.0	9.2	54.8	7	0.990	10	5.3	N 41 W	2.68
1869	40.1	- 1.0	72.2	10.6	57.6	9	2.962	6	0.5	N 63 W	2.43
1870	44.6	+ 3.5	67.0	29.6	37.4	9	2.145	2	0.1	N 40 E	3.55
1871	43.0	+ 1.9	72.8	26.4	46.4	17	3.318	2	1.3	N 40 E	1.86
1872	40.5	- 0.6	70.0	22.7	47.5	9	0.910	6	0.7	N 68 W	3.84
1873	38.6	- 2.5	61.2	24.4	36.8	13	3.975	3	Inst.	N 18 E	2.89
Results to 1872	41.11	...	66.20	19.35	46.63	9.97	2.469	3.67	2.32	N 21 W	2.67
Excess for 75	2.53	...	5.00	+ 4.85	0.85	3.02	1.522	0.67	2.3	...	+ 0.88