

REMARKS ON TORONTO METEOROLOGICAL REGISTER FOR APRIL, 1871.

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 resultants for the wind are from hourly observations.

COMPARATIVE TABLE FOR APRIL

YEAR.	TEMPERATURE.					RAIN.		SNOW.		WIND.	
	Mean.	Excess above average.	Maxi- mum.	Mini- mum.	Range.	No of days.	Inches.	No. of days.	Inches.	Resultant.	Mean Velocity.
1843	40.9	0.2	71.6	12.7	58.9	7	3.185	3	0.1	0	0.48 lbs
1844	47.6	0.4	74.6	14.9	60.7	10	1.615	1	(nap.	...	0.24
1845	42.1	1.0	66.7	15.5	51.2	11	3.290	4	1.6	...	1.00
1846	44.0	2.0	81.8	21.2	60.6	10	1.300	2	1.3	...	0.55
1847	59.2	1.9	65.1	9.3	55.8	8	2.870	2	0.4	...	0.59
1848	41.3	0.2	65.1	22.7	42.4	5	1.455	1	0.5	N 77 W	1.46
1849	39.0	2.1	72.0	15.5	56.5	2	2.655	2	1.7	N 43 W	3.14
1850	37.9	3.2	65.7	18.0	47.7	7	4.720	2	1.1	N 39 W	1.12
1851	41.3	0.2	59.3	25.8	33.5	11	2.293	3	1.2	N 14 E	2.62
1852	38.2	2.9	53.8	20.0	33.8	6	1.900	4	9.4	N 23 E	2.41
1853	41.9	0.8	65.7	25.0	40.7	10	2.625	1	1.0	N 60 E	2.57
1854	41.0	0.1	64.5	20.2	44.3	12	2.682	4	2.7	N 36 W	3.99
1855	42.4	1.3	69.4	10.7	58.7	8	2.030	3	1.6	N 20 E	1.64
1856	42.3	1.2	72.2	14.2	58.0	13	2.780	3	0.1	N 60 E	4.15
1857	35.4	5.7	62.0	6.9	46.1	10	1.755	11	12.9	N 20 E	1.64
1858	41.5	0.4	65.2	21.8	43.4	13	1.642	2	0.1	N 14 W	1.64
1859	39.6	1.6	64.8	22.0	42.8	9	2.527	8	1.2	N 37 W	2.33
1860	39.6	1.6	61.8	19.5	42.3	11	1.282	6	0.3	N 37 W	4.10
1861	42.0	0.9	67.0	23.8	43.2	12	1.019	4	0.9	N 37 E	2.31
1862	39.6	1.5	68.0	14.6	53.4	10	2.235	4	0.2	N 50 E	2.48
1863	42.0	0.9	69.0	8.6	60.4	8	2.210	4	1.6	N 14 E	3.78
1864	40.9	0.2	69.4	28.1	41.3	10	3.633	8	3.6	N 41 E	3.59
1865	43.1	2.0	62.5	23.0	39.5	17	3.972	6	2.0	N 84 W	2.11
1866	43.9	2.8	71.0	28.6	42.5	7	1.675	2	0.1	N 41 W	3.34
1867	39.5	1.6	65.6	25.4	40.1	12	2.147	6	7.2	N 61 W	2.63
1868	38.0	3.1	64.0	9.2	54.8	7	0.990	10	6.3	N 63 W	2.43
1869	40.1	1.0	72.2	16.6	55.6	9	2.065	6	0.5	N 59 W	4.03
1870	44.6	3.5	67.0	29.5	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 48 W	1.86
Results to 1860.	41.07	...	66.32	18.56	47.47	9.77	2.410	3.68	2.43	N 17 W	2.06
Excess for 11.	1.88	...	6.48	7.65	1.07	7.23	0.908	1.63	1.13	...	0.75

Highest Barometer.....30.116 at 8 a.m. on 24th. } Monthly range=1.102.
Lowest Barometer.....29.014 at 2 p.m. on 11th. }
{ Maximum Temperature.....72°8 on 8th. } Monthly range=46.4.
{ Minimum Temperature.....29°4 on 5th. }
{ Mean Maximum Temperature.....52°81. }
{ Mean Minimum Temperature.....36°57. }
{ Greatest daily range.....31°3 from a.m. to p.m. of 22nd. }
{ Least daily range.....7°6 from a.m. to p.m. of 7th. }
Warmest day.....8th.....Mean Temperature.....68°17. } Difference=25°42.
Coldest day.....5th.....Mean Temperature.....32°25. }
Maximum (Solar.....91°0 on 8th. }
Radiation. { Terrestrial.....17°0 on 14th. }
Aurora observed on 0 nights, viz.: 9th, 12th, 13th, 15th, 16th, and 17th.
Possible to see Aurora on 10 nights; impossible on 11 nights.
Snowing on 2 days; depth 1.3 inches; duration of fall 7.5 hours.
Raining on 17 days; depth 3.318 inches; duration of fall 76.1 hours.
Mean of Cloudiness, 0.71.

WIND.

Resultant Direction N. 48° W.; Resultant Velocity 1.86.
Mean Velocity 8.85 miles per hour.
Maximum Velocity 33.0 miles, from 4 to 5 p.m. of 4th.
Most Windy day 4th; Mean Velocity 19.62 miles per hour.
Least Windy day 21st; Mean Velocity 3.25 miles per hour.
Most Windy hour 3 p.m.; Mean Velocity 12.26 miles per hour.
Least Windy hour 6 a.m.; Mean Velocity 5.55 miles per hour.

Fog on 1st and 8rd. Solar haloes 2nd, 5th and 8th.
Inner haloes 3rd, 6th and 24th. Lightning alone April 7th.
Thunder storms 19th and 27th. Last Snow of season April 12th.
6th. Swallows seen. 7th. Butterflies.
7th. Frogs croaking. 3rd. Large flocks of Pigeons.

Highest Barometer.....30.116 at 8 a.m. on 24th. } Monthly range=1.102.
 Lowest Barometer.....29.014 at 2 p.m. on 11th. }
 { Maximum Temperature.....79.8 on 8th. } Monthly range=40.4.
 { Minimum Temperature.....26.4 on 6th. }
 { Mean Maximum Temperature.....52.81. } Mean daily range=17.24.
 { Mean Minimum Temperature.....31.93 from a.m. to p.m. of 7th. }
 { Greatest daily range.....7.06 from a.m. to p.m. of 22nd. }
 { Least daily range..... }
 Warmest day.....8th.....Mean Temperature.....58.97. } Difference=25.92.
 Coldest day.....5th.....Mean Temperature.....32.25. }

Maximum { Solar 9400 on 8th. }
 { Terrestrial 1700 on 14th. }
 Radiation. {
 Aurora observed on 0 nights, viz.: 9th, 12th, 13th, 16th, and 17th.
 Possible to see Aurora on 10 nights; impossible on 11 nights.
 Snowing on 2 days; depth 1.3 inches; duration of fall 7.5 hours.
 Raining on 17 days; depth 3.318 inches; duration of fall 70.1 hours.
 Mean of Cloudiness, 0.71.

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 Mean Velocity 8.85 miles per hour.
 Maximum Velocity 33.0 miles, from 4 to 5 p.m. of 4th.
 Most Windy day 4th; Mean Velocity 10.62 miles per hour.
 Least Windy day 21st; Mean Velocity 3.25 miles per hour.
 Most Windy hour 3 p.m.; Mean Velocity 12.23 miles per hour.
 Least Windy hour 6 a.m.; Mean Velocity 5.35 miles per hour.

Fog on 1st and 3rd. Solar halos 2nd, 5th and 8th.
 Lunar halos 3rd, 6th and 24th. Lightning alone April 7th.
 Thunder storms 19th and 27th. East Snow of season April 12th.
 6th. Swallows seen. 7th. Butterflies.
 7th. Frogs croaking. 3rd. Large flocks of Pigeons.