

REMARKS ON TORONTO METEOROLOGICAL REGISTER FOR APRIL, 1870

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

10 P.M., and midnight The means and resultants for the wind are from hourly observations

Highest Barometer 20.956 at 10 p.m. on 25th Lowest Barometer 20.273 at 2 & 4 p.m. on 18th. Monthly range 0.683											
Maximum temperature 75.0 on 14th Minimum temperature 57.0 on 18th. Monthly range 17.901											
Mean maximum temperature 68.5 Mean minimum temperature 58.6 Mean daily range 9.901											
Greatest daily range 28.6 from a.m. to p.m. of 26th. Least daily range 7.0 from a.m. to p.m. of 6th.											
Warmest day 14th; mean temperature 68° 83 Coldest day 4th; mean temperature 53° 90 Difference 14° 93											
Maximum { Solar 84.0 on 14th Radiation { Terrestrial 19.0 on 8th Monthly range 65° C											
Aurora observed on 11 nights, viz.: 1st, 2nd, 6th, 7th 8th 12th, 21st 22nd, 25th, 26th & 29th. Possible to see aurora on 18 nights; impossible on 12 nights.											
Snowing on 2 days; depth, 0.1 inches; duration of fall, 3.2 hours. Raining on 0 days; depth, 2.145 inches; duration of fall, 68.3 hour Mean of cloudiness 0.56.											
WIND.											
Resultant direction, N. 34° E.; Resultant velocity, 4 18. Mean velocity, 7.03 miles per hour.											
Maximum velocity, 30.0 miles, from 7 to 8 a.m. of 23th. Most windy day, 17th; mean velocity, 17.24 miles per hour											
Least windy day, 23rd; mean velocity, 1.04 miles per hour. Most windy hour, 10 a.m.; mean velocity, 9.63 miles per hour.											
Least windy hour, 8 p.m.; mean velocity, 5.04 miles per hour.											
Solar haloes recorded on 4th, 10th, 11th, 13th, 14th, 22nd, and 30th. Lunar haloes on 10th.											
Fog recorded on 14th, 19th, and 20th. 14th Frogs heard											
First thunder storm of year on 13th. 24th Thunder storm at 7 p m											
5th. Last snow of season. 10th. Woodpeckers numerous. 22nd Swallows seen.											

YEAR.	TEMPERATURE.				RAIN.		SNOW.		WIND.		
	Mean.	Excess above Average.	Maximum.	Minimum.	Range.	No. of days.	Inches.	No. of days.	Inches.	Resultant Direction.	Mean Velocity.
1842	43.7	+ 2.7	69.8	20.1	49.7	8	3.740	2	...	...	0.57 lbs
1843	40.9	+ 0.1	71.6	14.7	56.9	7	3.182	3	0.1	...	0.46
1844	47.6	+ 6.6	74.6	14.9	59.7	10	1.516	1	Insig.	...	0.24
1845	42.1	+ 1.1	66.7	15.5	51.2	11	3.296	4	1.5	...	1.00
1846	44.0	+ 3.0	81.8	24.2	57.6	10	1.890	2	1.3	...	0.65
1847	39.2	+ 1.8	65.1	9.3	55.8	8	2.876	2	4.0	...	0.59
1848	41.3	+ 0.3	65.1	22.7	42.4	5	1.451	1	0.5	N 77 W	1.46
1849	39.0	+ 2.0	72.0	16.5	55.5	10	2.652	2	1.7	N 43 W	3.14
1850	37.9	+ 3.1	65.7	18.0	47.7	7	4.726	2	1.1	N 29 W	1.12
1851	41.3	+ 0.3	69.3	25.8	43.5	11	2.295	3	1.2	N 14 W	2.44
1852	38.2	+ 2.8	53.8	20.0	33.8	6	1.996	4	9.4	N 23 W	2.44
1853	41.9	+ 0.9	66.7	25.0	41.7	10	2.622	1	1.0	N 12 W	1.95
1854	41.0	+ 0.0	64.5	20.2	44.3	12	2.685	4	2.7	N 50 W	2.57
1855	42.4	+ 1.4	69.4	10.7	58.7	12	2.034	3	1.6	N 36 W	3.09
1856	42.3	+ 1.3	72.2	14.2	58.0	13	2.784	3	0.1	N 29 W	1.64
1857	35.4	+ 5.6	52.0	5.9	46.1	10	1.755	11	12.9	N 60 W	4.16
1858	41.5	+ 0.5	65.2	21.8	43.4	13	1.642	2	0.1	N 14 W	1.64
1859	39.5	+ 1.5	61.8	22.6	39.2	9	2.557	8	1.2	N 36 W	2.33
1860	39.5	+ 1.5	61.8	19.6	42.2	11	1.282	5	0.3	N 37 W	4.10
1861	42.0	+ 1.0	67.0	23.8	43.2	12	1.619	4	0.9	N 37 W	2.31
1862	39.0	+ 1.4	63.0	14.5	48.5	10	2.253	4	0.2	N 50 W	2.48
1863	42.0	+ 1.0	69.0	8.6	60.4	8	2.210	4	1.6	N 14 W	3.73
1864	40.9	+ 0.1	59.4	28.1	31.3	16	3.633	3	2.5	N 41 W	2.39
1865	43.1	+ 2.1	62.5	23.0	39.5	17	3.972	6	2.0	N 54 W	2.11
1866	43.0	+ 2.9	71.0	28.5	42.5	7	1.676	2	Insig.	N 42 W	3.34
1867	39.5	+ 1.5	65.0	25.4	40.1	12	2.147	6	7.2	N 51 W	2.68
1868	38.0	+ 3.0	64.0	9.2	54.8	7	0.940	10	5.3	N 63 W	2.43
1869	40.1	+ 0.9	72.2	16.6	55.6	9	2.965	6	0.6	N 59 W	4.03
1870	44.0	+ 3.6	67.0	29.6	37.4	9	2.147	2	0.1	N 34 W	1.13
Resultant for 1870	40.2		67.13	18.52	48.61	9.80	2.419	3.75	2.61	N 21 W	2.07
for 1870	+	3.62	6.13	11.05	11.21	0.80	0.274	1.73	2.41	..	1.12

Highest Barometer 20.056 at 10 p.m. on 25th { Monthly range= } 0.683
 Lowest Barometer 20.273 at 2 & 4 p.m. on 18th. }
 { Maximum temperature 70° on 14th { Monthly range= } 37.4
 { Minimum temperature 29° on 8th. } 37.4
 { Mean maximum temperature 53° on 13th { Mean daily range= } 17.01
 { Mean minimum temperature 39° on 6th. } 39.60
 { Greatest daily range 20° on 8th. to p.m. of 26th. }
 { Least daily range 7° on 8th. to p.m. of 6th. }
 Warmest day 14th; mean temperature 63° 83' Difference=17° 03'
 Coldest day 4th; mean temperature 38° 90'
 Maximum { Solar 84° on 14th { Monthly range= }
 Radiation { Terrestrial 19° on 8th { 65° C
 Aurora observed on 11 nights, viz.: 1st, 2nd, 5th, 7th, 8th, 12th, 21st, 22nd, 25th, 26th & 29th.
 Possible to see aurora on 18 nights; impossible on 12 nights.
 Snowing on 2 days; depth, 0.1 inches; duration of fall, 3.2 hours.
 Raining on 0 days; depth, 2.145 inches; duration of fall, 68.3 hours
 Mean of cloudiness=0.56.

WIND.

Resultant direction, N. 34° E.; Resultant velocity, 4.18.
 Mean velocity, 7.03 miles per hour.
 Maximum velocity, 30.0 miles, from 7 to 8 a.m. of 23th.
 Most windy day, 17th; mean velocity, 17.24 miles per hour.
 Least windy day, 23rd; mean velocity, 1.01 miles per hour.
 Most windy hour, 10 a.m.; mean velocity, 9.63 miles per hour.
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 Lunar haloes on 10th.
 5th. Last snow of season.
 Fog recorded on 14th, 19th, and 20th.
 14th Frogs heard
 First thunder storm of year on 13th.
 10th. Woodpeckers numerous.
 24th. Thunder storm at 7 p.m.
 22nd Swallows seen.