

REMARKS ON TORONTO METEOROLOGICAL REGISTER FOR APRIL, 1877.

COMPARATIVE TABLE FOR APRIL.

NOTE.—The monthly means of the Barometer and Temperature include Sunday observations. The daily means, except those that relate to the wind, are derived from six observations daily, namely, at 6 A.M., 9 A.M., 12 M., 3 P.M., 6 P.M., and 9 P.M. The means and results for the wind are from hourly observations.

YEAR.	TEMPERATURE.				RAIN.		SNOW.		WIND.		
	Mean.	Excess above Average.	Max. num.	Min. num.	Range.	No. of days.	Inches.	No. of days.	Inches.	Resultant Direction.	Mean Velocity.
1849	39.0	-1.6	72.0	18.6	53.5	10	2.655	2	1.7	N 43° W 3.14	7.50
1850	37.9	-2.7	65.7	18.0	47.7	7	4.720	2	1.1	N 60° E 1.12	7.64
1851	41.3	+0.7	59.3	25.8	33.5	11	2.995	3	1.2	N 14° E 2.62	8.07
1852	38.2	-2.4	53.8	20.0	33.8	6	1.990	4	9.4	N 23° E 2.44	6.68
1853	41.9	+1.3	65.7	25.0	40.7	10	2.625	1	1.0	N 12° W 1.95	5.20
1854	41.0	+0.4	64.5	20.2	44.3	12	2.685	4	2.7	N 50° E 2.57	6.81
1855	42.4	+1.8	69.4	10.7	58.7	7	2.030	3	1.6	N 36° W 3.59	7.57
1856	42.3	+1.7	72.2	14.2	58.0	13	2.780	3	0.1	N 29° E 1.64	6.05
1857	35.3	-5.3	62.0	6.9	46.1	10	1.755	4	12.9	N 60° W 4.15	10.24
1858	41.5	+0.9	65.2	21.8	43.4	13	1.642	2	0.1	N 14° W 1.64	9.67
1859	39.5	-1.1	64.8	22.6	42.2	9	2.527	8	1.2	N 36° W 2.33	10.70
1860	39.5	-1.1	61.8	19.5	42.3	11	1.282	5	0.3	N 37° W 4.10	10.39
1861	42.0	+1.4	67.0	23.8	43.2	12	1.619	4	6.9	N 37° E 2.31	8.90
1862	39.6	-1.0	68.0	14.5	53.5	10	2.235	4	0.2	N 60° E 2.48	9.77
1863	42.0	+1.4	69.0	8.0	60.4	8	2.210	4	1.6	N 14° E 3.76	9.20
1864	40.9	+0.3	69.4	28.1	31.3	16	3.633	3	3.5	N 41° E 3.29	7.77
1865	43.1	+2.5	62.5	23.0	39.5	17	3.972	6	2.0	N 64° W 2.11	8.39
1866	43.9	+3.3	71.0	28.6	42.5	12	1.675	2	inap.	N 42° W 3.34	7.95
1867	39.5	-1.1	65.5	25.4	40.1	12	2.147	6	7.2	N 61° W 2.68	7.89
1868	38.0	-2.6	64.0	9.2	54.8	7	0.990	10	6.3	N 63° W 2.43	9.24
1869	40.1	-0.5	72.2	16.6	55.6	9	2.063	6	0.6	N 59° W 4.03	8.91
1870	43.6	+4.0	67.0	29.6	37.4	9	2.145	2	0.1	N 40° E 3.55	7.03
1871	43.0	+2.4	72.8	26.4	46.4	17	3.318	2	0.7	N 48° W 1.86	8.85
1872	40.5	-0.1	70.0	22.7	47.3	9	0.910	6	0.7	N 68° W 3.84	9.12
1873	38.6	-2.0	61.2	24.4	36.8	13	3.973	3	inap.	N 18° E 2.89	9.05
1874	34.2	-6.4	60.8	9.5	51.3	4	1.210	7	11.0	N 39° W 4.09	9.64
1875	36.4	-4.2	62.2	10.0	52.2	10	1.230	8	2.7	N 37° W 3.71	10.16
1876	38.2	-2.4	57.2	17.0	40.2	3	1.805	3	0.3	N 69° W 4.11	9.89
1877	43.3	+2.7	67.2	18.7	48.5	19	2.271	0	0.0	N 28° E 4.37	10.35
Results for 1876	40.63		64.86	19.16	45.70	9.97	2.411	3.84	2.44	N 24° W 2.21	8.38
Excess for 1877	+ 2.63		+ 2.34	- 0.46	+ 2.80	0.97	0.140	3.81	2.44	...	+ 1.87

Highest Barometer.....36.058 at 8 a.m. on 3rd } Monthly range=0.903.
Lowest Barometer.....29.165 at 2 p.m. on 19th }
{ Minimum temperature.....57°2 on 23rd } Monthly range=48°5
{ Mean minimum temperature.....51°83 }
{ Mean maximum temperature.....59°16 } Mean daily range=16°63
{ Mean minimum temperature.....35°16 }
{ Greatest daily range.....28°2 from a.m. to p.m. of 23rd.
{ } 40°7 from a.m. to p.m. of 18th.
{ }
Warmest day 22nd; mean temperature 52°83 } Difference=26°40.
Coldest day 3rd; mean temperature 29°43 }
{ }
Radiation { Solar 123°0 on 23rd } Monthly range=111°6.
{ Terrestrial..... 11°9 on 3rd }
Aurora observed on 2 nights, viz., 7th and 14th
Possible to see Aurora on 19 nights; impossible on 11 nights.
Hailing on 9 days; depth, 2.271 inches; duration of fall, 64.3 hours.
Mean of Cloudiness, 0.45.

WIND.
Resultant direction, N. 28° E.; Resultant Velocity, 4.37 miles.
Mean Velocity, 10.25 miles per hour.
Maximum Velocity, 26.0 miles, from 9 to 10 a.m. of 21st.
Most Windy day, 10th; Mean Velocity, 18.10 miles per hour.
Least Windy day, 26th; Mean Velocity, 5.65 miles per hour.
Most Windy hour, 11 a.m.; Mean Velocity, 12.85 miles per hour.
Least Windy hour, 9 p.m.; Mean Velocity, 8.13 miles per hour.

Solar halos on 3rd, 4th, and 27th.
Fog on 16th and 29th.
Thunder on 24th and 28th. Lightning on 28th.
Butterflies seen on 12th.
Frogs croaking, 21st.
Swallows seen on 30th.

Highest Barometer..... 30.058 at 8 a.m. on 3rd } Monthly range = 0.903.
 Lowest Barometer..... 29.155 at 2 p.m. on 19th }
 4. { Maximum temperature..... 67° on 23rd } Monthly range = 48°
 2. { Minimum temperature..... 18° on 3rd }
 2. { Mean maximum temperature..... 51° 33' } Mean daily range = 39° 16'
 1. { Mean minimum temperature..... 28° 52' from a.m. to p.m. of 23rd. }
 2. { Greatest daily range..... 49° from a.m. to p.m. of 18th. }
 2. { Least daily range..... 49° from a.m. to p.m. of 18th. }
 Warmest day..... 22nd; mean temperature 52° 33' } Difference = 26° 40'.
 Coldest day..... 3rd; mean temperature 26° 43' }
 Maximum of Solar..... 123° on 23rd } Monthly range = 11°.
 Radiation { Terrestrial..... 11° on 3rd }
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