

REMARKS ON TORONTO METEOROLOGICAL REGISTER FOR MAY.

Highest Barometer..... 30.198 at 8 a. m., on 3rd } Monthly range =
 Lowest Barometer..... 29.932 at midn't on 11th } 1.166
 Maximum Temperature..... 69° 8 on p. m., of 9th } Monthly range =
 Minimum Temperature..... 31° 0 on a. m., of 16th } 38° 8
 Mean maximum Temperature..... 55° 74 } Mean daily range =
 Mean minimum Temperature..... 41° 03 } 15° 06
 Greatest daily range..... 25° 0 from a. m. to p. m. of 23rd.
 Least daily range..... 2° 7 from a. m. to p. m. of 26th.
 Warmest day..... 6th ... Mean temperature..... 57.15 } Difference = 16° 23.
 Coldest day..... 17th ... Mean temperature..... 46° 92 } 70° 7
 Maximum { Solar..... 83° 5 on p. m. of 31st, } Monthly range =
 Radiation. { Terrestrial..... 12° 8 on a. m. of 16th. } 70° 7
 Aurora observed on 5 nights, viz., on 1st, 7th, 8th, and 21st.
 Possible to see Aurora on 17 nights; impossible on 14 nights.
 Snowing on days,—depth inches; duration of fall hours.
 Raining on 17 days,—depth 6.367 inches; duration of fall 103.2 hours.
 Mean of cloudiness = 0.69.
 Most cloudy hour observed, 4 p. m., mean = 0.83; least cloudy hour observed
 midnight, mean, = 0.51.

Sums of the components of the Atmospheric Current, expressed in miles.

North. East. South. West.
 2579.67 3510.84 1917.84
 Resultant direction N. 42° E.; Resultant Velocity 3.33 miles per hour.
 Mean velocity..... 9.30 miles per hour.
 Maximum velocity..... 32.6 miles from 2 to 3 p. m., on 6th.
 Most windy day..... 11th... Mean velocity 19.63 miles per hour.
 Least windy day..... 8th... Mean velocity 2.54 ditto.
 Most windy hour ... 2 to 3 p.m. ditto. } Difference
 Least windy hour ... 9 to 10 p.m. ditto. } 7.47 miles.

Solar Haloes.—Solar Halo and bright Parhelia on 3rd at 7 a. m. Halo on 7th at 2 p. m., imperfect. Halo and distinct Parhelia on 10th at 5 p. m. Halo on 19th at 3.30 p. m. Halo and Parhelia on 30th at 4.30 p. m.
 Lunar Halo on 22nd at 8.30 p. m. Very perfect and brilliant Parnascene, exhibiting prismatic colours, at 2 a. m. on 23rd.
 Hoar Frost on the mornings of 1st, 10th, 13th, 16th, and 21st.

COMPARATIVE TABLE FOR MAY.

YEAR.	TEMPERATURE.				RAIN.		SNOW.		WIND.	
	M'n.	Diff. from aver.	Max. ob'd.	Min. ob'd.	No. of days.	Inch's.	No. of days.	Inch's.	Resultant Direction.	Mean Force or Velocity.
1840	53.8	+2.1	74.5	30.8	9	4.150	1	1	...	0.35 lbs.
1841	50.5	-0.1	70.2	26.8	11	2.350	1	1	...	0.53
1842	49.1	-2.1	74.3	30.0	7	1.275	...	...	...	0.52
1843	49.1	-2.1	79.9	28.9	5	1.570	...	...	...	0.30
1844	53.6	+2.4	77.7	29.0	14	5.676	...	...	...	0.65
1845	49.6	-1.4	76.6	29.4	8	2.360	...	...	...	0.48
1846	55.5	+4.1	78.1	34.3	10	4.375	...	...	...	0.29
1847	54.4	+3.0	72.5	27.8	12	2.046	...	...	...	1.31 4.33 mls.
1848	54.1	+2.6	78.5	31.9	13	2.520	...	...	N 40° W	...
1849	48.0	-3.2	72.3	32.7	16	5.115	...	...	N 51° E	...
1850	47.6	-3.6	76.3	31.1	16	5.115	...	...	N 61° W	...
1851	51.3	+0.1	73.2	28.7	12	2.930	...	...	N 32° W	...
1852	51.4	+0.1	73.3	34.5	12	1.125	...	...	S 82° W	...
1853	50.9	-0.3	73.4	38.4	17	4.420	...	...	N 29° W	...
1854	52.2	+1.6	79.0	27.6	11	4.630	...	...	S 66° E	...
1855	53.1	+1.9	74.8	33.9	6	2.565	...	...	N 1° W	...
1856	50.5	-0.7	70.1	32.5	14	4.580	...	...	N 4° E	...
1857	48.9	-2.1	72.5	27.9	14	4.145	...	...	N 23° E	...
1858	48.9	-2.1	76.0	25.0	17	6.367	...	...	N 42° E	...
M	51.18	...	74.95	31.26	111.1	3.306	0.5	0.09	...	6.42 Mls.

Ice on the Pools on 2nd at 6 a. m., and 16th at 6 a. m.
 Thunderstorms on 17th, 7 to 9 a. m., and 31st, 3 to 5 a. m.
 Sheet Lightning on 14th, 10 p. m. to midnight.
 Dense Fog on 18th at 6 a. m., and 30th 6 to 9 a. m.
 Heavy Dew noted on the mornings of 6th, 8th, and 23rd.
 The Resultant Direction of Velocity of the Wind for the month of May, from 1843 to 1858 inclusive, were, respectively, N. 3° W. and 1.42 miles.