

REMARKS ON TORONTO METEOROLOGICAL REGISTER FOR MAY.

Highest Barometer..... 29.996 at 8 a. m., on 12th } Monthly range =
 Lowest Barometer..... 29.199 at midnight, on 4th } 0.697
 Maximum Temperature..... 74.° on p. m., of 26th } Monthly range =
 Minimum Temperature..... 58.° on a. m., of 11th } 46.°
 Mean maximum Temperature..... 67.°17 } Mean daily range =
 Mean minimum Temperature..... 49.°24 } 16.94
 Greatest daily range..... 26.8° from a. m. to p. m. of 21st.
 Least daily range..... 7.4° from a. m. to p. m. of 4th.
 Warmest day..... 25th ... Mean temperature..... 68.85 } Difference = 31.90.
 Coldest day..... 11th ... Mean temperature..... 31.93 }
 Maximum. { Solar..... 90.5° on 25th, p. m. } Monthly range =
 Radiation. { Terrestrial..... 18.9° on 11th, a. m. } 79.5°

Aurora observed on 3 nights, viz., 7th, 8th and 13th.
 Possible to see Aurora on 17 nights; impossible on 14 nights.
 Snowing on 1 day,—depth 1 inap. inches; duration of fall 0.5 hours.
 Raining on 15 days,—depth 4.145 inches; duration of fall 94.8 hours.
 Mean of cloudiness = 0.51.
 Most cloudy hour observed, 4 p. m., mean = 0.80; least cloudy hour observed,
 10 p. m., mean, = 0.50.

Sums of the components of the Atmospheric Current, expressed in miles.
 North. 1835.40
 South. 1448.98
 Resultant direction N. 23° W.; Resulant Velocity 1.14 miles per hour.
 Maximum velocity..... 8.13 miles per hour.
 Most windy day..... 29.8 miles from noon to 1 p. m. on the 10th.
 Least windy day..... 10th ... Mean velocity 22.39 miles per hour.
 Most windy hour..... 30th ... Mean velocity 2.78 ditto.
 Least windy hour ... noon to 1 p. m. ... Mean velocity 11.83 ditto. } Difference
 Least windy hour ... midnight to 1 a. m. ... Mean velocity 4.76 ditto. } 7.07 miles.

Solar Halos on the 13th noon to 4 p. m., 22nd 10.30 a. m. to 1.30 p. m., 26th at 8 a. m., and 30th Halo and Parhelia during the evening.
 Lunar Halo on the 2nd at 10 p. m.—imperfect.
 Hoar Frost on the mornings of the 7th, 8th and 17th.

Ice on the pools on the mornings of the 11th, 12th, 13th and 18th.
 Thunder on the 10th, at 2 a. m. (distant). Thunderstorm on the 16th, from 1 to 1.30 p. m.
 Sheet Lightning on 25th at 9 p. m., and 26th at midnight.
 Very perfect Rainbow with supplementary band on the 7th at 5.15 p. m.
 Fog on the 2nd and 6th.
 The resultant direction of the wind, from 1848 to 1857, for the month of May was N. 13° W., and the resultant velocity 1.36 miles.

COMPARATIVE TABLE FOR MAY.

YEAR.	TEMPERATURE.				RAIN.		SNOW.		WIND.	
	M'h.	Diff.	Max.	Min.	Inch's.	No. of days.	Inch's.	No. of days.	Resultant.	Mean Force or Velocity.
1840	53.8	+2.5	74.2	30.8	43.7	9	4.150	1	...	0.35 lbs.
1841	50.5	-0.8	76.2	26.6	49.6	17	2.350	...	...	0.53
1842	49.1	-2.2	74.3	30.0	44.3	7	1.272	...	...	0.52
1843	49.1	-2.2	74.3	28.9	50.7	6	1.670	...	...	0.30
1844	53.6	+3.3	77.7	29.0	43.7	14	6.670	...	...	0.55
1845	49.6	-1.7	76.6	29.4	47.3	8	2.300	...	...	0.45
1846	55.5	+4.2	78.1	34.3	43.8	9	4.375	...	...	0.29
1847	54.4	+3.1	72.5	27.8	44.7	13	2.040	...	N 40° W	1.31 4.53 miles
1848	54.1	+2.8	73.5	31.9	43.3	13	5.115	...	N 51° E	1.97 5.33
1849	48.0	-3.7	76.3	32.7	39.8	19	0.542	...	N 64° W	2.05 6.32
1850	47.6	-3.7	76.3	31.1	45.2	7	2.960	1	N 39° W	1.59 6.34
1851	51.4	+0.1	73.3	34.5	38.8	12	1.125	1	S 88° W	0.89 6.00
1852	51.4	+0.1	73.3	34.5	38.8	7	4.420	1	N 20° W	0.88 5.14
1853	50.9	-0.4	73.3	38.4	40.0	17	4.630	1	S 68° E	0.26 6.33
1854	52.2	+0.9	76.0	37.6	41.4	11	4.330	...	N 4° E	2.78 6.33
1855	53.1	+1.8	74.8	33.9	40.9	6	2.565	2	N 23° W	1.14 8.13
1856	50.5	-0.8	76.1	35.5	44.8	14	4.580	1	...	...
1857	46.9	-2.4	72.5	27.9	44.8	15	4.145	1	...	...
M	51.31	...	76.46	31.06	44.39	10.7	8.129	0.5	0.08	6.13 miles