

REMARKS ON TORONTO METEOROLOGICAL REGISTER FOR MAY.

Highest Barometer 29.969 at 10 p. m., on 5th } Monthly range =
 Lowest Barometer 29.125 at 6 a. m., on 28th. } 0.844 inches.
 Highest registered temperature 82°2 at p. m., on 24th } Monthly range =
 Lowest registered temperature 51°2 at a. m., on 4th } 51°0
 Mean maximum Thermometer 59°56 } Mean daily range = 18°93
 Mean minimum Thermometer 40°43 }
 Greatest daily range 44°52 from p. m. of 24th to a. m. of 25th.
 Least daily range 7°0 from p. m. of 8th to a. m. of 9th.
 Warmest day 23rd ... Mean temperature 68°72 } Difference = 22°70.
 Coldest day 30th ... Mean temperature 41°02 }
 Greatest intensity of Solar Radiation 99°8 on p. m. of 24th } Monthly range =
 Lowest point of Terrestrial Radiation ... 21°5 on a. m. of 30th } 75°3
 No Auroral Light observed this month; possible to see aurora on 13 nights;
 impossible to see aurora on 15 nights.
 Snowing on 20th, time and quantity inappreciable. Raining on 14 days,—
 depth 4.5-10 inches—raining 89.4 hours.
 Mean of cloudiness = 0.59; most cloudy hour observed, 4 p. m., mean = 0.61;
 least cloudy hour observed, 8 a. m., mean, = 0.55.

Sum of the Atmospheric Current, in miles, resolved into the four Cardinal directions.

North.	West.	South.	East.
3815.24	2096.21	857.29	2318.37
Mean direction of the wind, N 4° E.			
Mean velocity of the wind 33.7 miles per hour.			
Maximum velocity 33.7 miles per hour, from 11 a. m. to noon on 25th.			
Most windy day 1st. Mean velocity 20.89 miles per hour.			
Least windy day 18th. Mean velocity 1.35 ditto.			
Most windy hour ... 1 p. m. Mean velocity 13.65 ditto.			
Least windy hour ... 1 a. m. Mean velocity 6.19 ditto.			
Mean diurnal variation = 7.40 miles.			

4th—Wild Pigeons and Humming Birds first observed.
 6th and 6th—Hear frost on boards at 5 and 6 a. m.

10th—Large Meteor in N. W. at 9.18 p. m., time of flight about 15 seconds.
 15th—Wild Strawberries in bloom.
 " —Thunderstorm from 6.30 to 8.30 p. m.
 " —Very perfect Rainbow at 7.10 p. m.
 10th—Large Halo round the Moon from 10 p. m.
 10th—Very dense Fog 5 to 8 a. m.
 23rd—Thunderstorm 6.30 to 10.10 p. m.
 30th—Slight particles of Snow and hail falling during the day.
 31st—Hear frost on boards, and thin ice on water 6 to 8 a. m.

COMPARATIVE TABLE FOR MAY.

YEAR.	TEMPERATURE.				RAIS.		SNOW.		WIND.	
	Mean.	Diff. from Aver.	Max. obs'd.	Min. obs'd.	Range.	Days.	Inch.	Days.	Mean Direc'tn.	Mean Force or Velocity.
1840	53.8	+2.4	74.5	30.8	43.7	9	4.150			
1841	50.5	-0.9	76.2	26.6	49.6	11	2.350			0.35 lbs.
1842	49.1	-2.3	74.3	30.0	44.3	7	1.275	1		0.53 "
1843	49.1	-2.3	79.6	28.9	50.7	5	1.570			0.52 "
1844	53.6	+2.2	77.7	29.0	48.7	14	5.670			0.30 "
1845	49.6	-1.8	76.6	29.4	47.2	8	2.300			0.55 "
1846	55.5	+4.1	78.1	34.3	43.8	9	4.375			0.46 "
1847	54.4	+3.0	72.5	27.8	44.7	12	2.040			0.29 "
1848	54.1	+2.7	78.5	31.9	46.6	13	2.520			4.33 miles
1849	48.0	-3.4	72.5	32.7	39.8	16	6.115		N 59° W	5.33 "
1850	47.6	-3.8	76.3	31.1	45.2	7	0.545	1	E 38° N	6.32 "
1851	51.3	-0.1	73.2	33.7	44.5	12	2.950	1	W 32° W	6.34 "
1852	51.4	0.0	73.2	33.5	39.8	7	1.125	1	W 8° S	4.00 "
1853	50.9	-0.5	78.4	38.4	40.0	17	4.420	1	N 20° W	5.14 "
1854	52.2	+0.8	69.0	27.6	41.4	11	4.650		E 24° S	5.38 "
1855	53.1	+1.7	74.8	33.9	40.9	6	2.665	2	N 1° W	5.93 "
1856	50.5	-0.9	80.1	35.5	44.6	14	4.580	1	N 4° E	9.81 "
Mean	51.45		75.62	31.24	44.38	10.53	0.69	9.5		5.91 miles