

REMARKS ON TORONTO METEOROLOGICAL REGISTER FOR MARCH.

Highest Barometer..... 30.255 at 8 a. m., on 2nd } Monthly range =
 Lowest Barometer..... 28.286 at 5.40 a. m. on 19th } 1.969 inches
 Maximum Temperature..... 54°2 on p. m. of 24th } Monthly range =
 Minimum Temperature..... 9°8 on a. m. of 2nd } 44°4
 Mean maximum Temperature..... 42°10 } Mean daily range =
 Mean minimum Temperature..... 30°48 } 11°62
 Greatest daily range..... 20°9 from a. m. to p. m. of 23rd.
 Least daily range..... 2°4 from a. m. to p. m. of 10th.
 Warmest day..... 24th ... Mean temperature..... 46.45 } Difference = 28°13.
 Coldest day..... 1st ... Mean temperature..... 18°32 } 66°5.
 Radiation. { Terrestrial..... 69°4 on p. m. of 24th } Monthly range =
 { Solar..... 29°9 on a. m. of 2nd } 66°5.
 Aurora observed on 8 nights, viz., on 1st, 16th, 23rd, 26th, 29th, 30th, and 31st.
 Possible to see Aurora on 17 nights; impossible on 14 nights.
 Snowing on 8 days,—depth 1.0 inch; duration of fall 13.0 hours.
 Raining on 15 days,—depth 4.034 inches; duration of fall 76.1 hours.
 Mean of cloudiness = 0.65.
 Most cloudy hour observed, 6 a. m., mean = 0.77; least cloudy hour observed,
 10 p. m., mean, = 0.53.
 Sums of the components of the Atmospheric Current, expressed in miles.
 North. South. East. West.
 1876-26 1230.51 2531.91 3890.01
 Resultant direction N. 64° W.; Resultant Velocity 1.96 miles per hour.
 Mean velocity..... 10.39 miles per hour.
 Maximum velocity..... 47.0 miles, from 5.30 a. m. to 6.30 a. m. on 19th.
 Most windy day..... 19th... Mean velocity 31.16 miles per hour.
 Least windy day..... 9th... Mean velocity 0.82 ditto.
 Most windy hour..... 1 to 2 p. m. ... Mean velocity 13.28 ditto. } Difference
 Least windy hour, midnight to 1 a. m. ... Mean velocity 7.94 ditto. } 5.34 miles.
 3rd—Rain and Hail mingled, from 10 a. m. to 2 p. m.
 9th—Foggy, 7 to 8 p. m. Lunar Halo from 8 p. m.
 10th—Lunar Halo from 0.40 to 7.20 p. m.
 18th—Solar Halo from 10 a. m. (very perfect.)
 17th—Lunar Halo, 3 to 4 a. m. Solar Halo, 9 to 10 a. m.; both well defined.
 18th—Fog 2 p. m. Sheet Lightning in S. W. 7.30 to 8 p. m.
 19th—Violent storm of wind, continuing all day with great fury: Mean velocity
 from midnight of 18th to midnight of 19th, = 34.37 miles per hour.

COMPARATIVE TABLE FOR MARCH.

Year	TEMPERATURE.				RAIN.			SNOW.			WIND.	
	M'n.	Diff. Aver.	Max. ob'd.	Min. ob'd.	Range.	No. of days.	Inch's.	No. of days.	Inch's.	Direction.	Resultant.	Mean Force or Velocity.
											Vy.	
1840	33.3	+3.2	56.9	8.7	48.2	8	1.640	8	...	...	...	0.51 lbs.
1841	27.7	-2.4	58.5	-6.9	60.4	5	1.170	7	...	...	...	0.70
1842	35.8	+5.7	68.7	14.9	53.8	4	3.160	8	...	...	...	1.18
1843	21.3	-8.8	38.6	-2.8	41.4	2	0.625	18	25.7	...	...	0.57
1844	31.3	+1.2	50.3	9.6	40.7	8	2.470	8	14.0	...	...	0.66
1845	35.4	+5.3	61.7	9.9	51.8	5	impft.	8	2.8	...	...	0.80
1846	33.1	+3.0	49.3	7.6	41.7	9	1.965	5	2.3	...	...	0.71
1847	26.2	-1.5	44.3	4.8	39.5	6	0.850	6	9.7	N 66° W	2.03	5.80 mls.
1848	28.6	-1.5	58.9	0.9	58.0	5	1.220	6	9.7	N 30° W	1.48	5.37
1849	33.5	+3.4	53.4	15.4	38.0	2	1.525	7	11.2	N 52° W	2.62	7.62
1850	32.8	-0.3	46.0	6.0	40.0	2	0.775	9	8.8	N 21° W	1.93	7.65
1851	29.4	+2.3	58.7	13.1	45.6	3	0.770	9	8.8	N 8° W	0.71	5.81
1852	27.7	-2.4	44.8	-3.2	48.0	8	3.050	12	19.5	N 68° W	2.60	5.88
1853	30.6	+0.5	56.3	-0.1	56.4	6	1.050	8	7.1	N 53° W	3.39	8.03
1854	30.7	+0.6	52.8	10.4	42.4	9	2.425	3	2.8	N 88° W	4.76	9.95
1855	28.5	-1.0	48.6	-2.9	51.5	5	1.455	11	18.1	N 71° W	7.08	11.39
1856	23.1	-7.0	39.8	-13.6	52.9	0	0.000	12	10.2	N 63° W	6.63	10.84
1857	27.8	-2.3	56.1	-3.9	60.4	4	0.335	15	11.3	N 58° W	5.45	8.56
1858	28.4	-1.7	54.1	-5.5	59.6	10	0.017	6	0.2	N 64° W	1.96	10.39
1859	36.3	+6.2	53.7	10.4	43.3	15	4.054	8	1.0	...	...	...
M	30.07	...	52.32	3.64	48.68	6.0	1.553	8.4	9.25	...	...	8.11 M

20th—Zodiacal light very bright at 7 p. m.
 22nd—Solar Halo and Parhelion from 4 to 5.20 p. m. Dense Fog from 10 to 11 p. m.
 24th—Thunderstorm. Lightning and Rain, 4 to 6 a. m. Solar Halo from noon to 1 p. m. Distant Thunder 5 to 6 p. m. and Sheet Lightning 8 p. m. to midnight.
 The Resultant Direction and Velocity of the Wind for the month of March from 1848 to 1859 inclusive, were respectively N 60° W and 3.24 miles.
 March, 1859, was the warmest and most rainy March for the last 20 years; the mean temperature exceeding the average by 6°27; and the depth of rain being more than double the mean quantity.
 The Barometric reading at 5.40 a. m. on the 19th, was the lowest yet recorded at this Observatory; and the Mean Velocity of the Wind for the same day, the highest, during the last 12 years.