

REMARKS ON TORONTO METEOROLOGICAL REGISTER FOR MARCH, 1861.

Highest Barometer 30.200 at 8 a. m. on 18th. } Monthly range =
 Lowest Barometer 29.034 at 7 p. m. on 23rd. } 1.166 inches.
 Maximum temperature 47°4 on a. m. of 3rd } Monthly range =
 Minimum temperature -5°2 on a. m. of 18th } 52°6
 Mean maximum temperature 33°63 } Mean daily range = 12°82.
 Mean minimum temperature 20°71 }
 Greatest daily range 33°3 from p. m. of 7th to a. m. of 8th.
 Least daily range 3.5 from a. m. to p. m. of 30th.
 Warmest day . . . 1st ... Mean Temperature . . . = 39°72 } Difference = 36°24.
 Coldest day . . . 18th ... Mean Temperature . . . = 3°48 }
 Maximum { Solar 69°5 on p. m. of 1st } Monthly range =
 Radiation { Terrestrial -11.3 on a. m. of 18th } 80°8.
 Aurora observed on 6 nights, viz: 9th, 13th, 14th, 15th, 16th, and 30th; possible to see Aurora on 16 nights; impossible on 15 nights.
 Snowing on 14 days; depth, 7.1 inches; duration of fall, 44.5 hours.
 Raining on 8 days; depth, 2.125 inches; duration of fall, 55.2 hours.
 Mean of cloudiness = 0.63, above average .03; most cloudy hour observed 6 a. m., mean = 0.66; least cloudy hour observed 2 p. m., mean = 0.59.

Sums of the components of the Atmospheric Current, expressed in Miles.
 North. 1741.95
 South. 2317.49
 East. 4336.56
 West. 4336.56
 Resultant direction, N 54° W; Resultant Velocity, 4.33 miles per hour.
 Mean velocity 10.56 miles per hour.
 Maximum velocity 36.2 miles, from 7 to 8 p. m. on the 6th.
 Most windy day . . . 6th—Mean velocity 22.62 miles per hour.
 Least windy day . . . 2nd—Mean velocity, 1.81 do
 Most windy hour, 1 to 2 p. m.—Mean velocity, 12.75 miles per hour. } Difference
 Least windy hour, 6 to 7 p. m.—Mean velocity, 8.83 do. } 3.92 miles

1st. Dense Fog from 10 p. m.; mild day.—2nd. Dense Fog all day; mild day.—3rd. Dense Fog, a. m.; emitting an unpleasant odour.—7th. Solar Halo during forenoon, (very distinct).—11th. Solar Halo at 4.30 p. m.—17th. Cold, stormy day.—18th. Very cold day.—19th. Solar Halo, 4.40 p. m.; Lunar Halo, 7.30 to 10 p. m.—20th. Solar Halo, 6 to 8 a. m., (well defined).—22nd. Lunar Halo, 10.15 p. m.—24th. Lunar Corona at 7 p. m.—23th. Imperfect Solar Halo at 1 p. m.—29th. Thunder-storm, 4 to 5.30 p. m., (first of season)

Rapid Changes of Temperature.
 16th, p. m., = 44.0 registered } Range in 16 hours = 48.8.
 17th, a. m., = 0.2 }
 16th, p. m., = 44.0 registered } Range in 44 hours = 49.2.
 18th, a. m., = -5.2 }

Rapid Changes of Barometer.
 16th, 2 p. m., = 29.154 } Ascending Range in 42 hours = 1.016.
 18th, 8 a. m., = 30.200 }
 18th, 8 a. m., = 30.200 }
 23rd, 7 p. m., = 29.034 } Descending Range in 131 hours = 1.166.
 The Resultant Direction and Velocity of the Wind for the month of March, from 1848 to 1861 inclusive, were respectively N. 60° W., and 3.63 miles.

COMPARATIVE TABLE FOR MARCH.

YEAR.	TEMPERATURE.				RAIN.			SNOW.		WIND.	
	Mean.	Difference from Average.	Maximum Observed.	Minimum Observed.	Range.	No. of days.	Inches.	No. of days.	Inches.	Direction.	Mean Velocity.
1840	33.3	+ 3.2	56.9	8.7	48.2	8	1.640	8	...	0	...
1841	27.7	- 2.4	53.5	- 6.9	60.4	5	1.170	7	...	0	...
1842	35.8	+ 6.7	68.7	14.9	63.8	4	3.150	8	...	0	...
1843	21.3	- 8.8	38.6	- 2.8	41.4	2	0.625	18	25.7	0	...
1844	31.3	+ 1.2	50.3	9.6	40.7	8	2.470	8	14.0	0	...
1845	35.4	+ 5.3	61.7	9.9	51.8	5	imp.	8	2.8	0	...
1846	33.1	+ 3.0	49.3	7.6	41.7	9	1.965	5	2.3	0	...
1847	26.2	- 3.9	44.3	4.8	39.5	6	0.850	6	4.2	N 65 W	2.03
1848	28.6	- 1.5	58.9	0.9	58.0	5	1.220	6	9.7	N 3 W	1.48
1849	33.5	+ 3.4	53.4	15.4	38.0	2	1.525	2	2.3	N 52 W	2.62
1850	29.8	0.3	46.0	6.0	40.0	7	0.745	7	11.2	N 21 W	1.93
1851	32.4	+ 2.3	58.7	13.1	45.6	3	0.770	8	8.8	N 8 W	0.71
1852	37.7	+ 2.4	44.8	- 3.2	49.0	6	3.080	12	19.5	N 5 W	2.60
1853	30.4	+ 0.5	56.3	- 0.1	56.4	6	1.080	8	7.1	N 53 W	2.39
1854	30.7	+ 0.6	52.8	10.4	42.4	9	2.425	3	2.8	N 83 W	4.76
1855	28.5	- 1.6	48.6	- 2.9	51.5	5	1.485	11	18.1	N 71 W	7.08
1856	23.1	- 7.0	39.3	- 13.6	52.9	0	0.000	12	16.2	N 63 W	6.03
1857	27.8	- 2.3	56.5	3.9	60.4	4	0.335	15	11.3	N 85 W	5.43
1858	28.4	- 1.7	54.1	- 5.5	59.6	10	0.917	6	0.2	N 64 W	1.96
1859	36.3	+ 0.2	53.7	10.4	43.3	15	4.054	8	1.0	N 64 W	7.61
1860	34.5	+ 4.4	66.4	14.2	52.2	5	0.882	11	2.4	N 53 W	4.03
1861	26.9	- 3.2	45.2	- 4.1	47.3	8	2.125	14	7.1	N 53 W	4.03
Mean	30.13	...	52.55	3.77	48.78	0.0	1.548	8.7	8.77
Diff. from Avg.	- 3.21	...	- 0.85	.87	- 1.45	+ 2.0	0.577	5.3	1.67