

REMARKS ON TORONTO METEOROLOGICAL REGISTER FOR NOVEMBER.

Highest Barometer 30.048 at 8 a. m., on 6th } Monthly range =
 Lowest Barometer .. 28.902 at 2 p. m., on 4th } 1.146 inches.
 Highest registered temperature..... 58°4 at p. m., on 4th } Monthly range =
 Lowest registered temperature..... 18°8 at a. m., on 6th } 37°6
 Mean maximum Thermometer..... 43°62 } Mean daily range = 14°27
 Mean minimum Thermometer..... 28°74 }

Greatest daily range 32°4 from p. m. of 4th to a. m. of 5th.
 Least daily range 6°1 from a. m. of 20th to a. m. of 21st.

Warmest day..... 3rd ... Mean temperature..... 48°98 } Difference = 22°41.
 Coldest day..... 29th ... Mean temperature..... 35°57 }

Greatest intensity of Solar Radiation 67°5 on p. m. 4th } Monthly range =
 Lowest point of Terrestrial Radiation 5°8 on a. m. 6th } 61°7

Auroral Light observed on 1 night, viz., 4th; possible to see Aurora on 10 nights;
 impossible to see aurora on 20 nights.

Snowing on 9 days,—depth 9.5 inches—snowing 30.2 hours.
 Raining on 10 days,—depth 1.375 inches—raining 42.3 hours.

Mean of cloudiness = 0.81; most cloudy hour observed, 8 a. m., mean = 0.01;
 least cloudy hour observed, 10 p. m., mean, = 0.74.

Sun & the Atmospheric Current, in miles, resolved into the four Cardinal directions.

	North.	South.	East.	West.
1296.20	1491.03	1428.63	3539.50	
Resultant direction of the wind, S 85° W.; Resultant Velocity 2.95 miles per hour.				
Mean velocity of the wind.....	8.75 miles per hour.			
Maximum velocity	40.8 miles per hour, from 4 to 5 p. m. on 4th.			
Most windy day.....	4th....	Mean velocity 20.03 miles per hour.		
Least windy day	24th....	Mean velocity 1.07 ditto.		
Most windy hour ... 2 to 3 p. m.....	Mean velocity 13.29 ditto.			
Least windy hour, Midnight to 1 a.m.....	Mean velocity 5.70 ditto.			
Mean diurnal variation = 7.59 miles.				

4th—Dense Fog, 6 to 8 a. m.
 4th—Auroral Light at Midnight.
 6th—Halo round the Moon, 7 to 9 p. m.
 8th—Zodiacal Light, very bright, 5.30 to 6 p. m.
 10th—Halo round the Moon, 8 to 9 p. m.
 15th—Halo round the Sun, and faint Parheliac at 2 p. m.

25th—Dense Fog at Midnight.
 30th—First Sleighting in Toronto this Season.

Rain—The scarcity shown by the record of October, continued to a great extent through November, the amount that fell in November having been less than half the average.

Wind—The mean velocity of the wind was 2.23 above the average, and was but once exceeded during the last nine years.

The Resultant Direction of the wind for November of the last nine years was N 70° W, and the resultant velocity 1.84 miles per hour.

COMPARATIVE TABLE FOR NOVEMBER.

Year.	Temperature.			Rain.		Snow.		Wind.	
	M'n. Aver.	Diff. from ob'd.	Max. ob'd.	Range.	Days.	Inch's.	Days.	Resultant. Direction.	Mean Force or Velocity.
1840	35.0	-0.9	51.4	20.5	33.9	5	1.220	...	0.91 10
1841	35.0	-1.8	63.2	7.6	53.6	8	2.450	...	1.22 "
1842	33.3	-3.5	50.6	7.6	43.0	10	5.310	...	0.59 "
1843	33.5	-3.3	51.2	14.4	36.8	10	4.765	...	0.48 "
1844	31.9	-1.9	49.8	12.0	37.8	8	impec	...	0.53 "
1845	36.8	0.0	58.8	7.0	51.2	4	1.105	...	0.61 "
1846	41.3	4.5	55.5	18.2	37.3	12	5.805	...	0.36 "
1847	38.6	+1.8	53.2	7.8	50.4	14	3.155	...	...
1848	34.5	-2.3	49.3	16.5	32.8	3	1.4	N 81° W	4.81 miles.
1849	42.6	+5.8	56.7	28.4	28.3	10	2.815	N 40° W	1.55 "
1850	38.8	+3.0	62.3	18.1	41.2	7	2.955	N 42° W	1.43 "
1851	32.9	-3.9	50.1	16.5	33.0	5	8.85	N 50° W	1.25 "
1852	36.0	-0.8	50.4	18.7	31.7	7	1.775	N 59° W	1.53 "
1853	38.7	+1.9	54.1	14.4	39.7	15	2.425	N 1° E	0.36 "
1854	36.8	0.0	51.9	15.1	39.9	13	1.115	S 88° W	3.72 "
1855	38.6	+1.8	54.1	18.7	35.4	8	4.590	N 60° W	1.81 "
1856	37.4	+0.6	56.4	22.8	33.6	10	1.375	S 85° W	2.95 "
M	36.80	...	54.71	15.58	39.12	9.2	2.923	...	0.92 miles.