

REMARKS ON TORONTO METEOROLOGICAL REGISTER FOR NOVEMBER, 1858.

Highest Barometer . . . . . 29.970 at 10 p.m. on 1st. } Monthly range =  
 Lowest Barometer . . . . . 29.190 at midnight on 24th. } 0.780 inches.  
 Maximum temperature . . . . . 53.6 on p. m. of 1st } Monthly range =  
 Minimum temperature . . . . . 15.3 on a. m. of 15th } 37.7  
 Mean maximum temperature . . . . . 37.90 } Mean daily range = 7.87  
 Mean minimum temperature . . . . . 30.03 }  
 Greatest daily range . . . . . 17.3 from a. m. to p. m. on 20th.  
 Least daily range . . . . . 3.2 from a. m. to p. m. on 23rd.

Warmest day . . . 1st . . . Mean Temperature . . . 47.03 } Difference = 24.6.  
 Coldest day . . . 15th . . . Mean Temperature . . . 23.47 }  
 Maximum { Solar . . . . . 58 on p. m. of 1st } Monthly range =  
 Radiation { Terrestrial . . . . . 5.9 on a. m. of 15th } 56.9  
 Aurora observed on 3 nights, viz.: on 7th, 10th, and 15th; possible to see Aurora  
 on 10 nights; impossible on 20 nights.

Snowing on 13 days; depth, 4.0 inches; duration of fall 48.0 hours.  
 Raining on 12 days; depth, 3.879 inches; duration of fall, 84.9 hours.  
 Mean of cloudiness=0.81; most cloudy hour observed, 2 p. m., mean=0.91; least  
 cloudy hour observed, 6 a. m., mean=0.71.

Sums of the components of the Atmospheric Current, expressed in Miles.  
 North. . . . . 2571.97  
 South. . . . . 530.91  
 East. . . . . 2007.57  
 West. . . . . 2980.98

Resultant direction, N 25° W; Resultant Velocity, 3.14 miles per hour.  
 Mean velocity of the wind 8.87 miles per hour.  
 Maximum velocity . . . . . 28.2 miles per hour, from 5 to 6 p.m. on 13th.  
 Most windy day . . . . . 2nd—Mean velocity, 19.53 miles per hour.  
 Least windy day . . . . . 4th—Mean velocity, 0.77  
 Most windy hour, 1 to 2 p.m.—Mean velocity, 10.93 do } Difference  
 Least windy hour, 7 to 8 a.m.—Mean velocity, 5.00 do } 5.03 miles.

Dense Fog from 2 p. m. of 3rd, continuing with but little intermission till 2 p. m.  
 of 5th.  
 9th. First measurable snow of the season.  
 16th. Thin ice on the pools at 6 a. m.  
 17th. Corona round the moon from 7.30 p. m.  
 23rd. Corona round the moon from 5 to 7 p. m.  
 27th. Halo round the moon at 6 a. m.  
 30th. Corona round Jupiter 8 to 9 p. m.

The Resultant Direction and Velocity of the Wind for the month of November, from 1848 to 1858 inclusive, were respectively N 75° W, and 2.04 miles.

The month of November, 1858, was cold, windy, wet and cloudy. The mean temperature having been 2.33 below the average; whilst the velocity of the wind was 1.88 miles; the depth of rain 0.886 inches; the depth of snow 0.68 inches, and the clouded sky . 98 in excess of their respective averages.

COMPARATIVE TABLE FOR NOVEMBER.

YEAR.	TEMPERATURE.				RAIX.		SNOW.		WIND.		
	Mean.	Difference from Average.	Maximum observed.	Minimum observed.	Range.	No. of days.	Inches.	No. of days.	Inches.	Resultant Direction.	Mean Velocity.
1840	35.9	- 0.6	54.4	20.5	33.9	5	1.220	8	...	...	0.31lbs
1841	35.0	- 1.5	63.2	7.6	55.6	8	2.450	5	...	...	1.22 "
1842	33.3	- 3.2	50.6	7.6	43.0	9	5.310	10	...	...	0.59 "
1843	33.5	- 3.0	51.2	14.4	36.8	10	4.765	7	1.2	...	0.48 "
1844	34.9	- 1.6	49.8	12.0	37.8	8	Imp'd	4	8.0	...	0.53 "
1845	36.8	+ 0.3	58.8	7.6	51.2	7	1.105	4	5.0	...	0.64 "
1846	41.3	+ 4.8	55.5	18.2	37.3	12	5.805	2	0.4	...	0.36 "
1847	38.6	+ 2.1	58.2	7.8	50.4	14	3.155	3	inap.	N 81 W	1.81 4.81ms.
1848	34.5	- 2.0	49.3	16.5	32.8	9	2.020	3	1.4	N 39 W	1.55 4.78 "
1849	42.6	+ 6.1	56.7	28.4	28.3	10	8.815	2	1.0	N 42 W	1.43 5.27 "
1850	88.8	+ 2.8	62.3	18.1	44.2	7	2.955	1	inap.	N 50 W	1.23 4.70 "
1851	32.9	- 3.6	50.1	16.5	35.6	5	3.885	6	6.7	N 29 W	1.53 6.50 "
1852	36.0	+ 0.5	50.4	18.7	31.7	7	1.775	3	2.0	N 9 W	0.55 5.52 "
1853	38.7	+ 2.2	54.1	14.4	39.7	15	2.425	6	2.7	N 9 W	0.55 5.52 "
1854	36.8	+ 0.3	54.9	15.1	39.8	13	1.115	4	1.3	S 88 W	3.72 7.58 "
1855	36.6	+ 2.1	54.1	18.7	35.4	8	4.500	6	3.0	N 66 W	3.18 10.81 "
1856	37.4	+ 0.9	56.4	22.8	33.6	8	1.375	9	9.5	S 85 W	2.39 8.79 "
1857	33.5	- 3.0	57.8	-2.3	31.5	14	3.235	6	6.9	S 61 W	5.45 9.25 "
1858	34.2	- 2.3	52.0	20.5	30.1	12	3.879	13	4.0	N 25 W	3.14 8.37 "
Mean	36.49	...	54.73	14.90	39.83	9.6	2.903	5.5	3.32	...	6.99