

REMARKS ON TORONTO METEOROLOGICAL REGISTER FOR NOVEMBER, 1850.

Highest Barometer 30.22 at 10 a.m. on 6th } Monthly range =
 Lowest Barometer 29.881 at 0.30 a.m. on 26th } 1.371 inches.
 Maximum temperature 62.9 on p.m. of 5th } Monthly range =
 Minimum temperature 21.8 on a.m. of 21st } 40.8.
 Mean maximum temperature 48.93 }
 Mean minimum temperature 32.7 } Mean daily range = 11.20.
 Greatest daily range 32.7 from p.m. of 5th to a.m. of 6th.
 Least daily range 2.4 from a.m. to p.m. of 10th.
 Warmest day 4th; Mean temperature 51.5 } Difference = 23.78.
 Coldest day 24th; Mean temperature 27.5 }
 Maximum { Solar 69.8 on p.m. of 4th } Monthly range =
 Radiation { Terrestrial 14.0 on a.m. of 26th } 53.8
 Aurora observed on 2 nights, viz.: 5th and 13th; possible to see Aurora on 9 nights;
 impossible on 21 nights.
 Snowing on 9 days; depth 0.6 inches; duration of fall 12.8 hours.
 Raining on 12 days; depth 5.103 inches; duration of fall 94.1 hours.
 Mean of cloudiness = 0.81; most cloudy hour observed 2 p.m.; Mean = 0.80; Least
 cloudy hour observed 8 a.m.; Mean = 0.78.

Sums of the components of the Atmospheric Current, expressed in Miles.

North.	South.	East.	West.
1732.22	1381.87	1402.78	3650.46
Resultant direction, N 81° W; Resultant velocity, 3.30 miles per hour.			
Mean velocity 9.65 miles per hour; Maximum 31.2 miles, from 3 to 4 a.m. on the 25th.			
Most windy day 13th; Mean velocity 18.80 miles per hour. } Difference 16.99 miles.			
Least windy day 16th; Mean velocity 1.82 miles per hour. }			
Most windy hour 2 to 3 p.m.; Mean velocity 12.86 miles per hour. } Difference			
Least windy hour 5 to 6 a.m.; Mean velocity 7.60 do } 5.26 miles.			
Indian Summer, from 3rd to 9th inclusive (well marked).			
Large Meteor on 8th at 7 h. 50 m., p.m., falling from 10° W. of zenith to within 15°			
of western horizon.			
First measurable snow of the season, a.m. of 11th.			
Solar Halos on 16th during the forenoon, and on the 17th during the forenoon			
(imperfect).			
Lunar Halos on 4th from 8 p.m., on 7th from 10 p.m., and 8th from 7.30 p.m.			
Lunar Corona on 4th from 8.30 p.m.			
The Barometer at 6 a.m., on 25th, corrected 29.965			
at midnight do 29.903			
Range in 18 hours 1.062			

COMPARATIVE TABLE FOR NOVEMBER, 1850.

YEAR.	TEMPERATURE.					RAIN.		SNOW.		WIND.	
	Mean.	Difference from Average.	Maximum observed.	Minimum observed.	Range.	No. of d'ys.	Inches.	No. of days.	Inches.	Resultant.	Mean Velocity.
1840	55.0	- 0.7	54.4	20.5	33.9	5	1.220	8	...	...	...
1841	35.0	- 1.6	63.2	7.6	55.6	8	2.450	5	...	...	0.91lbs
1842	33.3	3.3	50.2	7.6	43.0	9	5.310	10	...	...	1.22 "
1843	33.5	- 1.1	51.2	14.4	36.8	10	4.765	7	1.2	...	0.59 "
1844	34.0	- 1.7	49.8	12.0	37.8	8	...	4	8.0	...	0.43 "
1845	36.8	+ 0.2	53.8	7.6	51.2	7	1.105	4	5.0	...	0.64 "
1846	41.3	+ 4.7	55.5	18.2	37.3	12	6.803	2	0.4	...	0.36 "
1847	38.6	+ 2.0	53.2	7.8	50.4	14	3.153	3	...	...	4.8ims.
1848	34.5	- 2.1	49.3	16.5	32.8	10	2.020	3	1.4	N 81° W	1.81
1849	42.6	+ 6.0	56.7	28.4	28.3	10	2.815	2	1.0	N 39° W	1.55
1850	38.8	+ 2.2	62.3	18.1	44.2	7	2.855	1	...	N 42° W	1.43
1851	32.9	- 3.7	50.1	16.5	33.6	5	3.885	6	6.7	N 50° W	1.25
1852	36.0	- 0.6	50.4	18.7	31.7	13	1.775	3	2.0	N 59° W	1.53
1853	38.7	+ 2.1	54.1	15.1	39.7	16	2.425	6	2.7	N 9° W	0.53
1854	36.8	+ 0.2	54.0	14.4	39.8	13	1.115	4	1.3	N 66° W	7.54 "
1855	38.6	+ 2.0	54.1	18.7	35.4	8	4.680	0	3.0	N 66° W	3.18
1856	37.4	+ 0.8	56.4	22.8	33.6	10	1.375	9	9.5	S 85° W	2.03
1857	33.5	- 3.1	57.8	- 2.3	60.1	14	3.235	9	6.9	S 61° W	8.75 "
1858	34.2	- 2.4	52.0	20.5	31.5	12	3.870	13	4.0	N 25° W	3.14
1859	38.9	+ 2.3	61.0	24.1	36.9	12	5.103	9	0.6	N 81° W	8.87 "
MEAN	36.65	...	55.04	15.36	39.68	9.2	3.108	5.7	3.10	...	7.20

The resultant direction and velocity, and mean velocity of the wind on the 11th and 12th, are not complete, the Anemometer having been out of repair.
 The resultant direction and velocity of the wind for the month of November from 1848 to 1850 inclusive, were respectively, N. 75° W., and 2.13 miles.

November, 1850, was comparatively *Dark, Mild, Wet and Windy*. The mean temperature having been 22.5. The rain 2.984 inches on the surface. The wind 2.46 miles per hour, and the clouded sky .08; each in excess of their respective averages.