

REMARKS ON TORONTO METEOROLOGICAL REGISTER, FOR NOVEMBER, 1872.

COMPARATIVE TABLE FOR NOVEMBER.

YEAR.	TEMPERATURE.				RAIN.		SNOW.		WIND.	
	Mean.	Excess above Average.	Maxim.	Minim.	No. of days.	Inches.	No. of days.	Inches.	Resultant Direction.	Mean Velocity.
1844	34.9	- 1.6	56.0	12.1	8	impr.	4	8.0	...	0.48 lbs.
1845	36.8	+ 0.3	59.5	18.1	7	1.105	4	6.0	...	0.53
1846	41.3	+ 4.8	58.6	18.0	12	5.805	2	0.4	...	0.64
1847	38.6	+ 2.1	57.9	8.7	14	3.156	3	inap.	...	0.66
1848	34.5	+ 2.0	49.0	15.9	10	2.020	3	1.4	N 81 W 1.81	4.81 mls.
1849	42.6	+ 6.1	56.4	26.5	29.9	10	2.815	2	N 39 W 1.56	4.78
1850	38.8	+ 2.3	62.8	11.0	51.8	7	2.955	1	N 42 W 1.43	5.27
1851	32.9	- 3.6	50.2	13.8	36.4	6	3.856	6	N 50 W 1.23	4.70
1852	36.0	- 0.5	50.4	18.2	32.2	7	1.775	3	N 59 W 1.53	6.50
1853	38.7	+ 2.2	55.6	12.8	42.8	15	2.423	6	N 9 W 0.55	5.52
1854	36.8	+ 0.3	55.4	13.8	41.6	13	1.115	4	W 3.44	7.54
1855	38.6	+ 2.3	59.2	15.5	43.7	8	4.590	6	N 66 W 3.16	10.81
1856	37.4	+ 0.9	56.4	18.8	37.6	10	1.375	9	N 85 W 2.95	8.75
1857	33.5	- 3.0	58.2	- 3.5	61.7	14	3.235	9	N 85 W 2.95	8.75
1858	34.2	- 2.3	53.0	15.3	37.7	12	3.879	13	N 61 W 3.14	8.87
1859	38.9	+ 2.4	62.6	21.8	40.8	12	5.193	9	N 81 W 3.39	9.65
1860	37.9	+ 1.4	64.5	13.2	51.3	12	2.569	8	N 89 W 4.95	11.02
1861	37.1	+ 0.6	52.4	23.0	29.4	14	4.294	8	N 46 W 1.94	7.44
1862	35.6	- 0.9	58.0	16.2	41.8	11	2.205	11	N 46 W 3.00	6.60
1863	39.1	+ 2.6	67.0	17.8	49.2	13	3.656	6	N 88 W 3.60	7.86
1864	36.9	+ 0.4	60.2	21.0	39.2	11	3.755	8	N 72 W 3.82	7.64
1865	38.6	+ 2.1	63.2	23.6	39.6	5	0.975	7	N 79 W 2.98	7.90
1866	38.4	+ 1.9	64.2	21.8	32.4	13	2.963	4	N 83 W 3.00	6.96
1867	36.9	+ 0.4	60.4	9.6	50.8	8	1.835	9	N 87 W 4.02	7.76
1868	36.2	- 0.3	50.5	20.1	30.4	14	5.150	10	N 35 W 2.10	8.16
1869	32.7	- 3.8	58.0	13.0	43.0	9	2.540	18	N 78 W 3.69	8.12
1870	36.6	+ 0.1	57.2	19.4	37.8	6	0.594	5	N 89 W 4.30	8.74
1871	36.6	+ 0.1	57.2	19.4	37.8	6	2.555	12	N 45 W 4.08	10.35
1872	32.9	- 3.6	52.0	8.2	43.8	7	0.420	9	N 85 W 6.15	7.48
Results to 1871	36.53		57.82	15.20	41.62	10.03	2.977	6.88	N 76 W 2.68	7.71
Excess for '.	3.62		5.82	7.00	2.18	3.08	2.557	2.12	1.93	0.23

NOTE.—The monthly means do not include Sunday observations. The daily means, excepting those that relate to the wind, are derived from six observations daily, namely at 6 A.M., 8 A.M., 2 P.M., 4 P.M., 10 P.M. and midnight. The means and resultants of the wind are from hourly observations.

Highest Barometer.....29.968 at 7 a.m. on 17th. } Monthly range
 Lowest Barometer.....29.047 at 4 p.m. on 7th. } 0.919.
 Date of greatest fall..... }
 { Maximum temperature.....52° on 11th. } Monthly range
 { Minimum temperature..... } 43-8
 { Mean maximum temperature.....40°56' } Mean daily range
 { Mean minimum temperature.....29°11' } 14°45'
 { Greatest daily range..... }
 { Least daily range..... }
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 Warmest day.....11th; mean temperature 47°56' } Difference=32°03'
 Coldest day.....29th; mean temperature 14°32' }
 Maximum Solar.....105°8 on 10th. }
 Radiation { Terrestrial..... } Monthly range=107°8
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 Aurora observed on 6 nights, viz: 1st, 6th, 23rd, 26th, 28th and 27th.
 Possible to see aurora on 19 nights; impossible on 11 nights.
 Raining on 7 days; depth, 0.420 inches; duration of fall, 21.4 hours.
 Snowing on 9 days; depth, 1.3 inches; duration of fall, 25.6 hours.
 Mean of cloudiness, 0.68.

WIND.

Resultant direction, S. 85° W.; Resultant velocity, 5.15 miles.
 Mean velocity, 7.48 miles per hour.
 Maximum velocity, 37.0 miles, from noon to 1 p.m. of 25th.
 Most windy day, 30th; mean velocity, 19.55 miles per hour.
 Least windy day, 24th; mean velocity, 0.67 miles per hour.
 Most windy hour, 1 p.m.; mean velocity 12.47 miles per hour.
 Least windy hour, 2 a.m.; mean velocity, 5.18 miles per hour.

Large number of shooting stars on the night of the 27th.
 Solar haloes on 13th, 16th and 28th. Lunar haloes on 10th and 15th.
 It will be seen from the comparative table, that the rain fall for this month was the smallest yet recorded at Toronto Observatory; a deficiency not compensated by the amount of snow, which was also much below the average.