

REMARKS ON TORONTO METEOROLOGICAL REGISTER FOR NOVEMBER, 1874.

NOTE.—The monthly means do not include Sunday observations. The daily means, excepting those that relate to wind, are derived from the observations daily, namely, at 6 A.M., 9 A.M., 2 P.M., 4 P.M., 10 P.M., and midnight. The means and resultants for the wind are from hourly observations.

COMPARATIVE TABLE FOR NOVEMBER.

P.M., 10 P.M., and midnight. The means and resultants for the wind are from hourly observations.

Highest barometer 30.300 at 8 a.m. on 14th } Monthly range
Lowest barometer 28.538 at 6 p.m. on 23rd } 1.762.
{ Maximum temperature 81° on 6th } Monthly range
{ Minimum temperature 51° on 30th } 57°.
Mean maximum temperature 42° 36' } Mean daily range
Mean minimum temperature 27° 47' } 14° 50.
Greatest daily range 26° 2' from a.m. to p.m. of 26th.
Least daily range 5° 3' from a.m. to p.m. of 1st.
Warmest day 5th; mean temperature 49° 00'
Coldest day 30th; mean temperature 11° 72'
Difference = 37° 28.
Maximum { Solar 11° 20' on 26th } Monthly range
Radiation { Terrestrial 11° 50' on 30th } 12° 30.
Aurora observed on 2 nights, viz., 6th and 13th; possible to see Aurora on 12 nights,
impossible on 18 nights.

Raining on 7 days; depth, 0.935 inches; duration of fall, 23.2 hours.
Snowing on 11 days; depth, 11.7 inches; duration of fall, 59.2 hours.
Mean of cloudiness, 0.72.

WIND.

Resultant direction, S 87° W.; resultant velocity, 3.07 miles.
Mean velocity, 7.70 miles per hour.
Maximum velocity, 28.0 miles per hour, from noon to 1 p.m. of 11th.
Most windy day, 24th; mean velocity, 17.14 miles per hour.
Least windy day, 4th; mean velocity, 1.73 miles per hour.
Most windy hour, 2 p.m.; mean velocity, 11.03 miles per hour.
Least windy hour, midnight; mean velocity, 5.65 miles per hour.

Fog on 3rd, 4th, 6th, 10th and 17th.

Solar halos on 15th, 24th and 27th. Lunar halo on 19th.

First measurable Snow of season on 20th.

First Sleighbing on 20th.

Last trip of steamer to Niagara on 4th.

YEAR.	TEMPERATURE.				RAIN.		SNOW.		WIND.		
	Mean.	Excess above average.	Maxi- mum.	Mini- mum.	Range.	No. of days.	Inches.	No. of days.	Inches.	Resultant Direction.	Mean Velocity.
											Veloc'y
1846	41.3	+ 6.1	65.6	18.0	37.6	12	5.805	2	0.4	0	0.64 lbs
1847	38.6	+ 2.4	87.9	8.7	49.2	14	3.155	3	1.60	N 81 W	0.56
1848	34.3	+ 1.7	49.0	15.0	33.1	9	2.020	3	1.4	N 39 W	1.81
1849	42.6	+ 6.4	66.4	26.5	39.9	10	2.815	2	1.0	N 42 W	1.65
1850	38.8	+ 2.6	62.8	11.0	51.8	7	4.845	6	6.7	N 50 W	1.43
1851	32.9	+ 3.3	60.2	13.8	36.4	5	1.845	3	2.0	N 59 W	1.25
1852	36.0	+ 0.2	50.4	18.2	32.2	7	1.776	3	2.7	N 9 W	6.50
1853	38.7	+ 2.5	55.6	12.8	42.8	15	2.425	6	2.7	N 66 W	5.52
1854	36.6	+ 0.6	55.4	13.8	41.6	13	1.115	4	1.3	WEST.	3.94
1855	38.6	+ 2.4	60.2	15.6	43.7	8	4.590	6	3.0	N 85 W	3.18
1856	37.4	+ 1.2	56.4	18.8	37.6	10	1.375	9	0.5	N 85 W	2.95
1857	33.5	+ 2.7	53.2	15.3	37.7	14	3.235	9	0.9	N 25 W	5.45
1858	34.2	+ 2.0	53.0	15.3	37.7	12	3.579	13	4.0	N 81 W	9.25
1859	38.9	+ 2.7	62.6	21.8	40.8	12	5.193	9	0.6	N 39 W	3.39
1860	37.9	+ 1.7	64.5	13.2	51.3	12	2.669	8	1.0	N 89 W	9.65
1861	37.1	+ 0.9	62.4	23.0	39.4	14	4.294	8	3.2	N 46 W	1.02
1862	35.6	+ 0.6	59.0	16.2	41.8	11	2.295	4	1.4	N 46 W	7.44
1863	39.1	+ 2.9	67.6	17.8	49.2	13	3.556	11	5.3	N 88 W	6.60
1864	36.9	+ 0.7	60.2	21.0	39.2	13	3.556	6	0.1	N 88 W	3.50
1865	38.6	+ 2.4	63.2	23.6	39.6	8	0.875	8	4.5	N 72 W	7.86
1866	38.4	+ 2.2	64.2	21.8	32.4	5	0.975	7	1.1	N 79 W	3.82
1867	36.9	+ 0.7	60.4	9.6	50.8	18	1.965	4	2.2	N 88 W	7.64
1868	36.2	+ 0.0	50.5	20.1	30.4	14	5.150	9	0.9	N 87 W	3.05
1869	32.7	+ 3.5	58.0	13.0	45.0	10	2.540	10	4.5	N 35 W	4.02
1870	36.6	+ 0.4	57.2	19.4	37.8	6	0.594	18	10.2	N 78 W	8.16
1871	30.6	+ 5.6	47.1	0.0	47.1	1	0.655	5	3.1	N 89 W	2.60
1872	32.0	+ 3.2	52.0	8.2	43.8	10	2.420	12	4.5	N 89 W	4.36
1873	27.0	+ 8.6	61.4	0.5	50.6	5	0.510	18	19.6	N 45 W	4.08
1874	34.6	+ 1.6	61.0	3.5	57.5	7	0.935	11	11.7	N 87 W	6.02
Resultant to 1875	36.16	...	56.39	14.80	41.59	9.79	2.855	7.26	3.77	N 77 W	7.76
Excess for 74.	1.52	...	+ 4.61	11.30	15.91	2.79	1.920	+	3.74	...	+ 0.04

Highest barometer 30.300 at 8 a.m. on 14th } Monthly range
 Lowest barometer 28.538 at 6 p.m. on 23rd } 1.762.
 { Maximum temperature 61.0 on 6th } Monthly range
 { Minimum temperature 3.0 on 30th } 57.0.
 { Mean maximum temperature 42.36 } Mean daily range
 { Mean minimum temperature 27.47 } 14.89.
 { Greatest daily range 26.2 from a.m. to p.m. of 26th.
 { Least daily range 5.9 from a.m. to p.m. of 1st.
 Warmest day 5th; mean temperature 49.00 } Difference = 37.02.
 Coldest day 30th; mean temperature 11.72 }
 Maximum { Solar 112.0 on 29th { Monthly range
 Radiation { Terrestrial 11.0 on 30th { 12.90.
 Aurora observed on 2 nights, viz., 6th and 13th; possible to see Aurora on 12 nights,
 impossible on 18 nights.

Raining on 7 days; depth, 0.935 inches; duration of fall, 23.2 hours.
 Snowing on 11 days; depth, 11.7 inches; duration of fall, 69.2 hours.
 Mean of cloudiness, 0.72.

WIND.

Resultant direction, S 87° W; resultant velocity, 3.07 miles.
 Mean velocity, 7.70 miles per hour.
 Maximum velocity, 28.0 miles per hour, from noon to 1 p.m. of 11th.
 Most windy day, 24th; mean velocity, 17.14 miles per hour.
 Least windy day, 4th; mean velocity, 1.73 miles per hour.
 Most windy hour, 2 p.m.; mean velocity, 11.08 miles per hour.
 Least windy hour, midnight; mean velocity, 5.05 miles per hour.

Fog on 3rd, 4th, 5th, 10th and 17th.

Solar halos on 16th, 24th and 27th. Lunar halo on 19th.

First measurable Snow of season on 20th.

First Sleighbing on 20th.

Last trip of steamer to Niagara on 4th.