

REMARKS ON TORONTO METEOROLOGICAL REGISTER FOR JANUARY, 1874.

COMPARATIVE TABLE FOR JANUARY.

YEAR.	TEMPERATURE.				RAI.		SNOW.		WIND.	
	Excess above average.	Max. temp.	Min. temp.	Range.	No. of days.	Inches.	No. of days.	Feet.	Resultant.	Mean Velocity.
1847	7 + 3.8	41.0	-1.3	42.3	6	2.335	10	6.0	...	0.65 lbs
1847	7 + 3.8	41.0	-1.3	42.3	7	2.135	7	7.6	...	1.09
1848	25.7 + 6.8	51.1	-11.4	62.5	7	2.340	6	7.1	N 82 W	2.03
1849	18.6 + 4.4	39.6	-14.2	53.8	4	1.175	10	0.2	N 63 W	3.04
1850	21.7 + 0.8	40.4	-10.3	50.7	6	1.250	8	6.2	N 37 W	0.69
1851	25.6 + 2.6	43.4	-12.8	56.2	4	1.275	10	7.8	N 77 W	3.26
1852	23.4 + 0.1	40.9	-10.6	51.5	1	0.290	19	30.9	N 68 W	3.14
1853	23.6 + 0.7	46.4	-6.4	52.8	7	1.270	11	7.6	N 27 W	2.62
1854	26.0 + 3.0	49.0	-12.0	61.0	6	0.525	13	24.3	N 77 W	2.44
1855	16.0 - 10.1	37.2	-20.1	57.3	0	0.040	14	13.6	N 73 W	1.91
1856	12.8 - 7.1	45.4	-16.5	61.9	3	0.100	18	41.8	N 75 W	6.24
1857	30.4 + 3.5	43.2	-25.6	68.8	6	1.162	11	4.0	N 70 W	1.86
1858	23.4 + 0.8	48.4	-6.5	54.9	0	1.410	19	16.4	N 71 W	3.17
1859	19.0 - 3.0	37.0	-11.2	48.2	4	0.085	16	8.7	N 89 W	6.00
1860	21.7 - 1.2	44.5	-2.6	47.1	4	0.116	23	20.9	N 86 W	2.02
1861	25.1 + 6.2	47.0	-14.0	61.0	10	1.122	17	20.5	N 26 W	2.10
1862	22.8 - 0.1	44.2	-9.0	53.2	1	1.165	14	26.3	N 61 W	1.13
1863	17.7 - 2.2	47.0	-10.0	57.0	2	0.440	15	14.8	N 73 W	6.00
1864	20.7 - 2.2	44.0	-14.0	58.0	1	0.622	10	10.3	N 85 W	4.80
1865	17.6 - 6.5	43.8	-7.8	51.6	1	0.440	21	42.0	N 65 W	3.28
1866	19.0 - 3.0	39.0	-7.0	46.0	2	0.880	21	14.6	N 83 W	3.97
1867	27.7 + 4.8	45.0	-1.0	46.0	4	0.880	12	9.8	N 72 W	3.40
1868	24.4 + 1.8	46.0	-3.2	49.2	8	3.412	28	21.3	N 89 W	2.63
1869	21.3 - 1.6	46.4	-13.2	59.6	5	0.864	23	43.6	N 40 W	2.66
1870	22.4 - 5.1	41.8	-2.6	44.4	5	0.229	15	3.9	N 87 W	4.73
1871	17.7 - 5.2	40.0	-18.4	58.4	4	1.110	17	9.2	N 76 W	2.96
1872	21.8 + 1.9	67.6	-4.0	71.6	13	2.820	16	12.2	N 61 W	3.42
1873	22.91	43.21	-8.11	51.32	4.59	1.194	14.00	17.18	N 60 W	3.17
1874	...	...	...	...	...	...	...	...	...	...
Excess for 74.	...	...	...	...	...	...	...	...	...	...
Excess for 74.	...	...	...	...	...	...	...	...	...	...

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 for the wind are from hourly observations.

Highest barometer: 30.225 at 11 p.m. on 25th } Monthly range
 Lowest barometer: 29.073 at 6 a.m. on 19th } 1.222.
 Mean temperature: 57.5 on 4th } Monthly range
 Maximum temperature: 57.5 on 4th } 0.05.
 Minimum temperature: -4.0 on 30th } Mean daily range
 Mean maximum temperature: 31.1 } 17.04
 Mean minimum temperature: 39.0 from p.m. of 29th to a.m. of 30th.
 Greatest daily range: 4.8 from a.m. to p.m. of 2nd.
 Warmest day: 3rd; mean temperature: 43.92 } Difference = 41.80.
 Coldest day: 30th; mean temperature: 10.13 }
 Maximum { Solar: 106.00 on 17th and 18th } Monthly range
 Radiation { Terrestrial: 85.0 on 17th } 114.8.
 Aurora observed on 2 nights, viz., 10th and 17th.
 Possible to see Aurora on 8 nights; impossible on 23 nights.
 Raining on 13 days; depth, 2.820 inches; duration of fall, 86.3 hours.
 Snowing on 16 days; depth, 12.2 inches; duration of fall, 84.2 hours.
 Mean of cloudiness, 0.78.

WIND.

Resultant direction, N 61° W; resultant velocity, 3.42 miles.
 Mean velocity, 8.55 miles per hour.
 Maximum velocity, 33.4 miles, from 6 to 7 p.m. of 4th.
 Most windy day, 11th; mean velocity, 10.09 miles per hour.
 Least windy day, 27th; mean velocity, 2.21 miles per hour.
 Most windy hour, 6 p.m.; mean velocity, 11.07 miles per hour.
 Least windy hour, 6 a.m.; mean velocity, 6.67 miles per hour.

Solar halo on 1st.

Lunar halos on 1st, 3rd, 6th, 9th, 2nd and 24th.

Fog on 2nd, 3rd, 7th, 10th, 21st, 23rd, 27th and 31st.

Ray frozen on 10th—second time this winter.