

REMARKS ON TORONTO METEOROLOGICAL REGISTER FOR JANUARY, 1876.

COMPARATIVE TABLE FOR JANUARY.

NOTE.—The monthly means of the Barometer and Temperature 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..... 30.235 at 6 a.m. on 1st. } Monthly range
Lowest Barometer..... 29.164 at 0.30 p.m. on 5th. } 1.071.
Maximum temperature..... 39.0 on 13th. } Monthly range
Minimum temperature..... -8.0 on 10th. } 47°.8
Mean maximum temperature..... 23.24. } Mean daily range
Mean minimum temperature..... 7.84. } 16°36.
Greatest daily range..... 31.02 from a.m. to p.m. of 9th.
Least daily range..... 8.22 from a.m. to p.m. of 10th.
Warmest day..... 13th; mean temperature..... 28.902 } Difference = 24°74.
Coldest day..... 9th; mean temperature..... 3.983 }
Maximum Solar Radiation..... 10.5% on 30th } Monthly range
Radiation Terrestrial..... -17.95 on 10th. } 123.0.

No Aurora observed.

Possible to see Aurora on 14 nights; impossible on 17 nights.

Raining on 1 day; depth in app.; duration of fall 3.0 hours.

Snowing on 17 days; depth 32.3; duration of fall 121.2 hours

Mean of cloudiness, 0.76.

WIND.

Resultant direction N. 88° W.; resultant velocity 4.06 miles.

Mean velocity 9.64 miles per hour.

Maximum velocity 32.5 miles, from noon to 1 p.m. of 9th.

Most windy day 9th; mean velocity 20.64 miles per hour.

Least windy day 20th; mean velocity 4.33 miles per hour.

Least windy hour 2 p.m.; mean velocity 11.81 miles per hour.

Least windy hour 5 a.m.; mean velocity 7.83 miles per hour.

Solar haloes on 8th, 10th and 17th; Lunar haloes on 20th and 23rd.

Earthquakes felt on 8th, about 3.40 p.m.

YEAR.	TEMPERATURE.					RAIN.		SNOW.		WIND.		
	Mean.	Excess above average.	Max. num.	Mini- mum.	Range.	No. of days.	Inches.	No. of days.	Inches.	Resultant.		Mean Velocity.
										Direction.	Vel'y	
1847	23.3	+ 0.3	32.4	2.7	39.7	7	2.135	5	7.5	0	...	1.09 lbs
1848	28.7	+ 5.7	51.1	-11.4	62.5	7	2.245	8	7.1	N 82° W	2.03	5.82 mls
1849	18.5	+ 4.5	39.5	-14.2	53.7	4	1.176	10	9.2	N 63° W	3.05	6.71
1850	19.7	+ 6.7	46.4	9.9	36.5	5	1.250	8	5.2	N 37° W	0.68	5.80
1851	25.5	+ 2.5	43.4	-12.5	55.9	4	1.275	10	7.8	S 77° W	3.28	7.69
1852	18.4	+ 4.6	37.3	-9.7	47.0	0	0.000	19	30.9	N 68° W	3.14	7.67
1853	23.0	0.0	40.9	-9.7	50.6	1	0.230	6	7.5	N 27° W	2.52	6.34
1854	23.6	+ 0.6	46.4	-5.4	51.8	7	1.270	11	7.5	N 77° W	2.44	6.91
1855	25.9	+ 2.9	49.0	-5.4	54.4	5	0.625	13	28.3	N 73° W	1.91	7.26
1856	16.0	+ 7.0	34.4	-12.0	46.4	0	0.000	14	13.6	N 75° W	6.24	10.49
1857	12.8	+ 10.2	37.2	-20.1	57.3	3	1.040	16	21.8	N 70° W	4.96	10.31
1858	30.0	+ 7.0	47.4	6.6	40.9	6	1.162	11	4.6	N 71° W	2.33	7.40
1859	26.4	+ 3.4	43.2	-26.5	69.7	6	1.449	19	16.4	S 81° W	3.17	8.76
1860	23.4	+ 0.4	48.4	-6.8	53.2	6	0.740	16	8.7	N 89° W	0.09	9.37
1861	19.9	+ 3.1	37.0	-11.2	48.2	4	0.683	23	20.6	N 86° W	2.92	9.30
1862	21.7	+ 1.3	44.5	-2.6	47.1	5	0.115	19	27.4	N 26° W	2.69	8.83
1863	28.1	+ 6.1	47.0	-14.0	61.0	10	1.122	17	20.6	N 61° W	1.13	7.23
1864	22.8	+ 2.2	44.2	-9.0	53.2	5	1.165	14	26.3	S 73° W	6.00	10.22
1865	17.7	+ 5.3	37.2	-9.0	46.2	1	0.440	18	14.8	N 85° W	4.80	9.39
1866	20.7	+ 2.3	43.8	-14.0	57.8	4	0.522	19	10.3	N 75° W	2.98	9.34
1867	17.6	+ 6.4	43.8	-4.8	48.6	1	1.040	21	42.0	N 55° W	3.27	9.96
1868	19.0	+ 4.0	39.0	-7.0	46.0	2	1.040	21	14.8	N 83° W	3.97	8.91
1869	27.7	+ 4.7	45.0	-1.0	46.0	4	0.887	12	9.8	N 72° W	3.40	9.21
1870	24.4	+ 1.4	45.0	-3.2	48.2	8	0.412	18	21.3	N 89° W	2.63	8.98
1871	21.3	+ 1.7	46.4	-13.2	59.6	8	0.864	23	43.6	S 49° W	2.56	9.84
1872	22.4	+ 0.6	41.8	-2.6	44.3	5	0.220	15	3.9	S 87° W	4.73	8.87
1873	17.7	+ 5.3	46.0	-18.4	64.4	4	1.110	17	39.2	N 78° W	2.96	10.01
1874	24.8	+ 1.8	57.5	-4.0	61.5	13	2.820	15	12.2	N 61° W	3.42	8.53
1875	16.1	+ 6.9	39.0	-8.8	47.8	1	1.040	17	32.3	N 88° W	4.06	9.64
Result to 1874.	22.96	...	43.69	-8.20	51.89	4.83	1.242	14.11	17.03	N 79° W	3.17	8.38
Excess for 75.	6.89	...	4.69	0.40	4.09	3.83	1.242	2.89	15.27	...	...	1.16