

REMARKS ON TORONTO METEOROLOGICAL REGISTER FOR DECEMBER, 1874.

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., 10 A.M., 2 P.M., 4 P.M., 10 P.M. and midnight. The means and resultant of the wind are from hourly observations.

COMPARATIVE TABLE FOR DECEMBER

YEAR.	TEMPERATURE.			RAIN.		SNOW.		WIND.	
	Average.	Maxi- mum.	Mini- mum.	Range.	No. of days.	Inches.	No. of days.	Inches.	Resultant Direc- tion, Vity.
1840	27.6	49.2	3.9	45.3	5	1.216	9	6.0	...
1841	30.1	49.6	0.3	49.3	7	1.185	8	6.8	...
1842	29.1	45.8	1.1	44.7	7	2.760	7	16.5	...
1843	29.5	40.8	0.6	40.2	5	0.840	12	9.6	...
1844	21.7	48.8	9.0	39.8	2	0.190	18	23.5	...
1845	21.6	44.0	14.8	29.2	6	1.075	15	10.7	...
1846	31.9	51.0	13.2	37.8	7	3.065	10	20.1	...
1847	25.3	40.4	8.4	32.0	4	0.625	13	22.3	...
1848	21.9	44.8	7.0	37.8	5	0.690	12	17.2	...
1849	20.8	42.2	0.1	42.1	6	1.845	10	29.6	...
1850	22.9	42.2	0.1	42.1	6	1.798	20	16.3	...
1851	31.0	46.0	4.7	41.3	7	3.265	14	9.0	...
1852	27.4	45.4	4.2	41.2	11	1.057	18	10.4	...
1853	17.0	64.8	6.0	60.8	3	1.035	23	37.4	...
1854	24.0	55.2	5.6	49.6	0	1.362	21	13.5	...
1855	31.1	60.1	3.4	56.7	6	0.660	8	6.8	...
1856	28.8	61.1	1.3	60.0	5	1.945	8	10.4	...
1857	27.0	63.4	1.5	61.9	10	2.020	17	7.1	...
1858	24.7	60.4	10.4	50.0	9	2.045	18	27.1	...
1859	27.7	64.2	5.7	58.5	7	1.727	11	6.2	...
1860	25.1	61.0	0.0	61.0	7	2.700	13	16.6	...
1861	21.6	44.2	3.2	41.0	7	1.408	21	13.6	...
1862	22.6	44.2	3.2	41.0	7	1.408	21	13.6	...
1863	23.7	46.0	6.0	39.0	10	0.005	18	15.5	...
1864	20.9	46.2	5.8	40.4	4	2.430	18	16.0	...
1865	19.5	48.2	21.0	27.2	6	0.940	20	14.2	...
1866	18.7	40.0	13.5	26.5	3	0.390	4	38.0	...
1867	20.8	48.2	6.4	41.8	10	0.995	12	19.2	...
1868	25.7	44.0	7.6	36.4	6	0.050	15	11.1	...
1869	26.7	47.59	3.63	43.96	6	1.690	13	16.08	...
1870	25.7	47.59	3.63	43.96	6	1.690	13	16.08	...
1871	20.9	46.0	6.0	39.0	10	0.005	18	15.5	...
1872	19.5	48.2	5.8	42.4	4	2.430	18	16.0	...
1873	18.7	40.0	13.5	26.5	3	0.390	4	38.0	...
1874	25.7	44.0	7.6	36.4	6	0.050	15	11.1	...
Resultant to 1873	26.75	47.59	3.63	43.96	6	1.690	13	16.08	...
Excess for 74	0.03	3.59	3.97	0.38	0.77	1.546	1.16	3.96	...

Highest Barometer..... 30.410 at 8 a.m. on 31st. } Monthly range
Lowest Barometer..... 29.265 at 2 p.m. on 22nd. } 1.161.

Maximum temperature..... 44.0 on 3rd. } Monthly range
Minimum temperature..... 0.3 on 1st. } 43.7

Mean maximum temperature..... 32.84 } Mean daily range
Mean minimum temperature..... 17.30 } 15.54

Greatest daily range..... 42.1 }
Least daily range..... 3.2 }
Mean of 16th..... 33.6 from a.m. to p.m. of 16th.
Mean of 6th..... 4.0 from a.m. to p.m. of 6th.

Warmest day..... 28th; mean temperature 36.97.
Coldest day..... 20th; mean temperature 6.93. } Difference=30.04

Maximum (Solar)..... 60.8 on 3rd }
Minimum (Solar)..... 1.3 on 1st }
Radiation { Terrestrial..... 105.0 on 3rd } Monthly range
..... 22.0 on 16th. } 136.0

No Aurora observed.
Possible to see Aurora on 12 nights; impossible on 10 nights.

Raining on 5 days; depth, 0.050 inches; duration of fall, 10.6 hours.
Snowing on 15 days; depth, 11.1; duration of fall, 45.4 hours.

Mean of cloudiness, 0.78.

Resultant direction, S. 84° W.; resultant velocity, 6.40 miles.
Mean velocity, 8.72 miles per hour.

Maximum velocity, 31.2 miles from noon to 1 p.m. of 28th.
Most windy day, 20th; mean velocity, 18.06 miles per hour.

Least windy day, 6th; mean velocity, 2.19 miles per hour.
Most windy hour, 1 p.m.; mean velocity, 11.67 miles per hour.

Least windy hour, 4 a.m.; mean velocity, 6.06 miles per hour.
Solar haloes on 25th, 26th and 27th.

Lunar haloes on 19th, 20th, 21st, 26th, and 28th.
Fog on 21st, 27th and 28th.
Bay frozen on 13th; broke up again. Closed again on 20th.