

REMARKS ON TORONTO METEOROLOGICAL REGISTER FOR MAY, 1868.

COMPARATIVE TABLE FOR MAY.

YEAR.	TEMPERATURE.				RAIN.		SNOW.		WIND.	
	Mean.	Excess above Average.	Maxt. num.	Min. num.	Range.	No. of days.	Inches.	No. of days.	Resultant.	Mean Velocity.
1840	53.8	+ 2.4	76.4	31.2	45.2	9	4.150	0	0.0	...
1841	50.5	- 0.8	73.0	29.5	43.5	11	2.350	1	...	0.35 lbs
1842	49.1	- 2.3	74.8	27.3	47.5	17	1.275	0	...	0.53
1843	49.1	- 2.3	73.8	29.2	44.6	15	1.570	0	...	0.52
1844	53.0	+ 2.2	78.4	23.7	54.7	14	6.570	0	...	0.30
1845	49.0	- 1.8	77.8	27.8	50.0	8	2.800	0	...	0.55
1846	55.5	+ 4.1	79.7	33.1	46.6	9	4.375	0	...	0.46
1847	54.4	+ 3.0	72.1	29.7	42.4	12	2.040	0	...	0.29
1848	54.1	+ 2.7	78.0	31.3	46.7	13	2.520	0	...	...
1849	48.0	- 3.4	72.2	27.9	44.3	16	6.115	0	...	...
1850	47.0	- 3.8	77.8	27.5	50.3	17	0.545	1	...	...
1851	51.3	- 0.1	78.3	23.0	55.3	12	2.950	1	...	...
1852	51.4	- 0.0	73.3	32.0	41.3	7	1.125	1	...	...
1853	50.9	- 0.6	78.4	32.2	46.2	17	4.420	1	...	...
1854	52.2	+ 0.8	71.4	25.2	46.2	11	4.630	0	...	...
1855	53.1	+ 1.7	77.5	33.0	44.5	6	2.565	2	...	...
1856	50.0	- 0.9	82.2	31.2	51.0	14	4.580	1	...	...
1857	48.9	- 2.5	74.8	29.0	45.8	16	4.145	1	...	...
1858	48.9	- 2.5	69.8	31.0	38.8	17	6.367	0	...	...
1859	55.2	+ 3.8	70.6	30.5	40.1	11	3.410	0	...	...
1860	55.6	+ 4.1	74.5	32.5	42.0	10	1.815	0	...	...
1861	47.6	- 3.0	73.0	23.0	50.0	12	3.380	0	...	...
1862	52.2	+ 0.8	78.5	32.4	46.1	8	1.427	1	...	...
1863	54.3	+ 2.9	79.0	30.4	48.6	14	3.363	1	...	...
1864	54.8	+ 3.4	79.0	32.2	46.8	11	4.070	0	...	...
1865	52.3	+ 0.9	70.0	30.0	40.0	11	4.005	0	...	...
1866	48.6	- 3.1	73.4	33.4	40.0	13	3.820	0	...	...
1867	40.5	- 4.9	65.0	24.6	40.4	18	3.220	1	...	...
1868	51.8	+ 0.4	73.0	33.2	39.8	16	7.670	0	...	...
Results to 1867.	51.40		75.05	30.17	45.78	11.82	3.221	0.48	0.08	16 W 1.65
Excess for 1868.	+0.42		-2.05	+3.03	-5.98	4.18	4.440	0.43	0.08	...

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 resultants for the wind are from hourly observations.

Highest Barometer 29.907 at 8 a. m. on 11th. } Monthly range—
Lowest Barometer 29.100 at 2 p. m. on 14th. } 0.717.
Mean 29.500 on 26th and 27th. } Monthly range—
Minimum temperature 39.2 on 1st. } 30.3
Maximum temperature 59.72 } Mean daily range—
Mean maximum temperature 44.07 } 15.25
Mean minimum temperature 44.07 }
Greatest daily range 25.4 from a.m. to p.m. of 9th.
Least daily range 0.6 from a.m. to p.m. of 22nd.
Warmest day 27th...Mean temperature . . . 62.03 } Difference—24.98.
Coldest day 1st ...Mean temperature . . . 37.77 }
Maximum (Solar) 111.90 on 5th } Monthly range—77.98
Radiation { Terrestrial 25.06 on 11th }
Aurora observed on 5 nights, viz.: 9th, 11th, 20th, 23rd, and 26th.
Possible to see aurora on 17 nights; impossible on 14 nights.
Snowing on days; depth, inches; duration of fall, hours.
Taining on 10 days; depth, 7.570 inches; duration of fall, 98.1 hours.
Mean of cloudiness—0.07.
Most cloudy hour observed, 2 p.m.; moon, 0.74; least cloudy hour observed, 12 p.m.;
mean, 0.62.

Sums of the components of the Atmospheric Current, expressed in Miles.

North: 2402.33 East: 2450.81 West: 1016.63
South: 549.54
Resultant direction, N. 88° E.; Resultant velocity, 3.16.
Mean velocity, 0.87 miles per hour.
Maximum velocity, 26.6 miles, from 4 to 5 p.m. of 13th.
Most windy day, 13th; mean velocity, 16.19 miles per hour.
Least windy day, 22nd; mean velocity, 2.68 miles per hour.
Most windy hour, 11 a.m.; mean velocity, 9.24 miles per hour.
Least windy hour, 4 a.m.; mean velocity, 4.36 miles per hour.
Difference, 4.23 miles.

6th May, severe thunder storm at 3 p.m. Very large hail and an enormous quantity of rain fell in a short time; 1.195 in half an hour. Solar halo recorded on 5th. Lunar haloes on 6th and 31st. Fog recorded on 6th, 11th, 14th, 17th, 23rd and 26th. Haze frost on 1st and 6th.