

REMARKS ON TORONTO METEOROLOGICAL REGISTER FOR MAY, 1871

COMPARATIVE TABLE FOR MAY.

YEAR	TEMPERATURE.				RAIN.		SNOW.		WIND.	
	Mean.	Excess above Average.	Max. min.	Min. max.	Range.	No of days.	Inches.	No. of days.	Inches.	Resultant.
1843	49.1	-2.5	79.8	59.2	50.6	5	1.570	0	0.0	0
1844	53.0	+2.0	78.4	58.7	49.7	14	5.670	0	0.0	0
1845	49.6	-2.0	77.8	57.8	50.0	8	2.300	0	0.0	0
1846	55.6	+3.9	79.7	53.1	48.6	9	4.375	0	0.0	0
1847	54.4	+2.8	72.1	56.7	43.4	12	2.040	0	0.0	0
1848	54.1	+2.5	78.0	57.3	46.7	13	2.520	0	0.0	0
1849	48.0	-3.6	72.2	57.9	44.3	19	5.115	0	0.0	0
1850	47.0	-4.0	77.8	57.6	50.3	7	0.545	1	unap	0
1851	51.3	-0.3	73.3	58.0	45.3	12	2.930	1	0.5	0
1852	51.4	+0.2	73.3	52.0	41.3	7	1.125	1	unap	0
1853	50.9	-0.7	78.4	52.2	46.2	17	4.450	1	unap	0
1854	52.2	+0.6	71.4	55.2	40.2	11	4.050	0	0.0	0
1855	53.1	+1.5	77.5	53.0	44.5	6	2.665	2	0.9	0
1856	50.5	-1.1	72.2	51.2	51.0	14	4.680	1	unap	0
1857	48.9	-2.7	74.8	50.0	48.8	19	4.145	1	unap	0
1858	49.9	-2.7	69.8	51.0	33.8	17	6.367	0	0.0	0
1859	55.2	+3.9	79.6	59.5	40.1	11	3.410	0	0.0	0
1860	55.5	+3.6	79.6	52.5	42.0	10	1.815	0	0.0	0
1861	50.8	-4.1	73.0	58.0	45.0	12	3.580	1	0.5	0
1862	47.5	+0.6	78.5	52.4	46.1	8	1.457	0	0.0	0
1863	52.2	+2.7	79.0	56.4	42.6	14	3.305	0	0.1	0
1864	54.3	+3.2	79.0	52.2	46.8	18	4.070	0	0.0	0
1865	54.8	+0.7	79.0	59.0	49.0	11	4.065	0	0.0	0
1866	52.3	-3.3	73.4	53.4	40.0	13	2.820	0	0.0	0
1867	48.3	-6.1	65.0	54.0	40.4	18	3.220	1	unap	0
1868	46.5	+0.2	73.0	53.2	39.8	16	7.670	0	0.0	0
1869	51.8	-0.8	74.2	51.4	42.8	10	2.805	1	unap	0
1870	55.3	+4.7	81.2	58.8	42.4	19	1.150	0	0.0	0
1871	54.2	+2.5	85.0	52.4	52.0	7	2.302	0	0.0	0
Resultant	51.55	.....	75.32	59.53	45.10	12.03	3.285	0.39	0.07	0
Ex for 1871	+2.60	.....	+9.07	+1.57	+7.50	5.03	9.953	0.39	0.07	0
1871	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

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., 12 P.M., 4 P.M., 10 P.M., and midnight. The means and resultants for the wind are from hourly observations.

Highest Barometer..... 29.952 at 8 a.m. on 21st. } Monthly range=
 Lowest Barometer..... 29.265 at 4 p.m. on 16th. } 0.687 inches.
 { Maximum temperature..... 85° on 30th } Monthly range=
 { Minimum temperature..... 32.4 on 13th } 52° 6
 { Mean maximum temperature..... 53° 97 } Mean daily range=
 { Mean minimum temperature..... 43° 93 } 19° 4
 { Greatest daily range..... 32° 23 from a.m. to p.m. of 20th.
 { Least daily range..... 6° 6 from a.m. to p.m. of 4th.
 Warmest day..... 30th; mean temperature..... 41° 55 } Difference=33° 63.
 Coldest day..... 8th; mean temperature..... 41° 05 }
 Maximum { Solar..... 99° 24 on 31st } Monthly range=
 Radiation { Terrestrial..... 21° 98 on 15th. } 76° 6
 Aurora observed on 9 nights, viz.:—8th, 12th, 13th, 14th, 19th, 20th, 22nd, 24th and 26th.
 Possible to see Aurora on 24 nights; impossible on 7 nights.
 Raining on 7 days; depth, 2.302 inches; duration of fall, 35.4 hours.
 Mean of cloudiness=0.48.

WIND.

Resultant direction, N. 23° W.; resultant velocity, 2.53.
 Mean velocity, 7.70 miles per hour.
 Maximum velocity, 35.0 miles, from 1.30 to 2.30 p.m. of 7th.
 Most windy day, 4th; mean velocity, 20.33 miles per hour.
 Least windy day, 25th; mean velocity, 1.54 miles per hour.
 Most windy hour, 1 p.m.; mean velocity, 10.80 miles per hour.
 Least windy hour, 4 a.m.; mean velocity, 4.65 miles per hour.

Fog recorded on 6th, 12th, 23th, 26th and 30th. Dew, on 11th, 12th, 15th, 16th, 24th, 27th and 30th.
 Frost, on 2nd, 6th, 7th, 8th and 9th. Thin ice on 8th.
 Thunder Storm on 25th. Lightning alone, 29th.
 Solar haloes, 16th, 19th, 23rd and 27th. Lunar haloes, 2nd, 23rd and 26th.
 Sunday, 21st, at 1 a.m., a smart shock of an earthquake f.f.t.