

REMARKS ON TORONTO METEOROLOGICAL REGISTER FOR MAY, 1876.

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 of the wind are from hourly observations.

Highest Barometer 30.019 at 8 a.m. on 16th } Monthly range =
Lowest Barometer 28.761 at midnight on 1st } 1.258.
Mean temperature 70.2 on 25th } Monthly range =
Minimum temperature 27.0 on 1st } 43.2
Maximum temperature 81.945 } Mean daily range =
Mean minimum temperature 61.945 } 19.90
Mean maximum temperature 79.2 } 17.96 from a.m. to p.m. of 20th.
Greatest daily range 53.9 from a.m. to p.m. of 2nd.
Least daily range 3.0 from a.m. to p.m. of 2nd.
Warmest day 25th; mean temperature 67.957 } Difference = 33.012
Coldest day 1st; mean temperature 34.945 }
Maximum Solar Radiation 134.9 on 25th } Difference = 122.90
Radiation Terrestrial 12.0 on 1st }
Aurora observed on 2 nights, viz. —3rd and 21st.
Possible to see Aurora on 19 nights; impossible on 12 nights.
Raining on 14 days; depth, 2.980 inches; duration of fall, 58 0 hours.
Snowing on 2 days; depth, 3.1 inches; duration of fall, 4.5 hours.
Mean of cloudiness = 0.53.

WIND.

Resultant direction, N. 49° W.; resultant velocity, 3.34 miles.
Mean velocity, 10.07 miles per hour.
Maximum velocity, 40.0 miles from 2 to 3 p.m. on 2nd.
Most windy day, 2nd; mean velocity, 26.67 miles per hour.
Least windy day, 2nd; mean velocity, 3.30 miles per hour.
Most windy hour, 2 p.m.; mean velocity, 14.72 miles per hour.
Least windy hour, 6 a.m.; mean velocity, 7.11 miles per hour.

Solar haloes on 4th, 7th, 20th and 30th.
Lunar halo on 13th.
Rainbow on 29th.
Thunder on 4 days. Lightning on 5 days.
Swallows seen on 6th.
1st May. Furious snow storm; very general in Canada.

COMPARATIVE TABLE FOR MAY.

YEAR.	TEMPERATURE.				RAIN.		SNOW.		WIND.	
	Mean.	Excess above Average.	Max. num.	Min. num.	Days.	Inches.	No. of days.	Inches.	Direction.	Mean Velocity.
1847	64.4	+ 2.7	72.1	28.7	12	2.040	0	0.0	...	0.29 lbs.
1848	64.1	+ 2.4	78.0	31.3	13	2.620	0	0.0	N 40 W 1.31	4.83 miles.
1849	47.0	- 3.7	72.2	27.9	16	6.115	1	0.0	N 61 E 1.91	5.33
1850	47.8	- 4.1	77.8	27.5	16	0.546	1	0.0	N 61 W 2.05	6.32
1851	51.3	- 0.4	73.3	30.3	12	2.950	0	0.5	N 32 W 1.53	6.34
1852	51.3	- 0.3	78.3	32.0	11	1.125	1	1.125	N 82 W 0.99	4.00
1853	50.9	- 0.8	78.4	32.2	17	4.420	1	1.125	N 2 W 0.52	6.16
1854	52.2	+ 0.5	71.4	25.2	11	4.030	0	0.0	E 1.40	5.38
1855	53.1	+ 1.4	77.6	33.0	6	2.655	2	0.0	N 1 W 2.71	5.93
1856	50.5	- 1.2	82.2	31.2	14	4.580	1	1.125	N 41 W 0.90	9.31
1857	48.9	- 2.8	74.8	28.0	16	4.145	1	1.125	N 23 W 1.14	8.13
1858	48.9	- 2.8	69.8	31.0	17	8.387	0	0.0	N 43 E 3.53	9.80
1859	55.2	+ 3.5	79.5	39.5	11	3.410	0	0.0	N 72 E 1.59	5.70
1860	55.5	+ 3.8	74.5	32.5	16	1.815	0	0.0	N 26 E 2.66	7.17
1861	47.5	- 4.2	73.0	28.0	12	3.380	1	0.5	N 47 W 3.11	9.17
1862	52.2	+ 0.5	78.5	32.4	8	1.427	0	0.0	N 52 W 2.90	7.87
1863	64.8	+ 3.1	79.0	38.4	14	3.363	1	0.1	N 56 W 2.41	5.89
1864	64.8	+ 3.1	79.0	32.5	18	4.070	0	0.0	N 7 W 1.86	5.64
1865	52.3	- 3.4	73.0	49.0	11	4.005	0	0.0	N 3 W 1.65	5.48
1866	48.3	- 5.2	65.0	24.0	13	2.820	0	0.0	N 48 W 1.39	9.28
1867	48.5	- 5.2	65.0	24.0	18	3.220	1	1.125	N 51 W 3.55	8.49
1868	51.8	+ 0.1	73.0	33.2	16	7.670	0	0.0	N 38 E 3.16	6.87
1869	60.8	- 0.9	74.2	31.4	16	2.805	0	0.0	N 20 W 2.38	6.55
1870	60.3	+ 4.6	81.2	38.8	10	1.160	0	0.0	N 23 E 1.09	5.48
1871	64.2	+ 2.5	85.0	32.4	7	2.302	0	0.0	N 23 W 2.53	7.70
1872	61.9	+ 0.2	78.8	32.0	14	1.034	0	0.0	N 52 W 2.25	6.49
1873	61.9	+ 0.2	76.4	30.0	18	2.905	0	0.0	N 26 E 2.69	8.58
1874	62.5	+ 0.8	86.0	25.3	8	1.402	0	0.0	N 40 W 2.64	8.45
1875	62.3		79.2	27.0	14	2.980	2	3.1	N 46 W 3.34	10.07
Resultant to 1874	51.69		76.30	30.86	11.86	3.136	0.34	0.06	N 14 W 1.66	6.88
Excess for 15.	+ 0.60		+ 2.90	- 3.86	2.14	0.156	1.66	+ 3.04	...	+ 3.19