

REMARKS ON TORONTO METEOROLOGICAL REGISTER FOR MAY, 1862.

May, 1862, was very dry, comparatively mild, windy, and clear.

Highest barometer..... 29.92 at 8 a. m. on 21th } Monthly range =
 Lowest barometer .. 29.28 at 2 p. m. on 18th } 0.70 inches.
 Mean barometer .. 29.55 on a.m. of 9th } Monthly range =
 Minimum barometer .. 29.24 on a.m. of 8th } .46 inches.
 Mean maximum Temperature .. 61.4 } Mean daily range =
 Mean minimum Temperature .. 42.91 } 19.33
 Greatest daily range .. 37.9 from a. m. to p. m. of 9th.
 Least daily range .. 4.8 from a. m. to p. m. of 19th.
 Warmest day .. 9th .. Mean temperature..... 65.48 } Difference = 23.61.
 Coldest day .. 19th .. Mean temperature..... 41.97 }
 Radiation } Solar .. 99.4 on p. m. of 9th } Monthly range =
 } Terrestrial .. 21.1 on a. m. of 8th } 69.3
 Aurora observed on 5 nights, viz.: 6th, 21st, 23rd, 30th, and 31st.
 Possible to see Aurora on 20 nights; impossible on 11 nights.
 Snowing on 0 days; depth ... inches; duration of fall, ... hours.
 Raining on 8 days;—depth 1.37 inches; duration of fall 23.2 hours.
 Mean of cloudiness = 0.45. Below average 0.47.
 Most cloudy hour observed, 0 a. m.; mean = 0.50; least cloudy hour observed
 midnight; mean, = 0.36.

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

North. South. East. West.
 2493.80 1122.33 1182.77 2823.90
 Residual direction N. 52° W.; resultant velocity 2.30 miles per hour.
 Mean velocity .. 7.87 miles per hour.
 Maximum velocity .. 30.2 miles, from 4 to 5 a. m. on 23rd.
 Most windy day .. 6th .. Mean velocity, 17 1/4 miles per hour. } Difference =
 Least windy day .. 11th .. Mean velocity, 1.17 ditto. } 15.97 miles
 Most windy hour .. 11 a. m. to noon .. Mean velocity, 11.10 ditto. }
 Least windy hour .. midnight to 1 a. m. .. Mean velocity 5.93 ditto. } 6.10 miles.

2nd. Dense wetting fog 0 to 9 a. m.; sheet lightning in N. E. at 8 and 9 p. m.—4th.
 Hear frost at 5 p. m.—6th. Lunar halo 11 p. m. to midnight —8th. Hear frost and
 thin ice at 5.30 a. m.; lunar halo at 10 p. m.—21th. Sheet lightning at 9 and 10 p. m.;
 ground fog at midnight, —16th. Ground fog at 10 p. m.—18th. Sheet lightning at
 8 and 9 p. m.—20th. Hear frost at 5.30 a. m.—25th. Thunder storm, vivid lightning,
 and heavy rain 4 to 5.20 a. m.; dense fog 5.30 to 6 p. m.—24th. Sharp hoar frost and
 thin ice at 5.30 a. m.—25th. Hear frost at 5 a. m.; fair solar halo at 6 p. m.—26th.
 Sheet lightning in S. W. and W. at 10 p. m.; and midnight.—27th. Hear frost at 5
 a. m.; solar halo at 10 a. m.—30th. Solar halo from 8 a. m. to noon.

Dew recorded on 9 mornings during this month.

COMPARATIVE TABLE FOR MAY.

Year.	TEMPERATURE.				WIND.			SNOW.			WIND.	
	Mean.	Above average (1847).	Min. of day.	Max. of day.	No. of days.	Inches.	No. of days.	Inches.	No. of days.	Inches.	Direction.	Force or Velocity.
1840	53.8	2.4	30.8	41.7	0	4.150	0	...	...	...	...	...
1841	50.5	0.5	26.6	40.6	11	2.350	1	...	...	...	...	0.35 164.
1842	49.1	2.3	30.0	44.3	7	1.375	0	...	...	...	...	0.53
1843	49.1	2.3	29.6	44.3	5	1.670	0	0.0	0.0	...	...	0.53
1844	53.6	2.3	27.7	48.7	14	5.070	0	0.0	0.0	...	...	0.30
1845	49.6	1.1	23.4	47.1	8	2.800	0	0.0	0.0	...	...	0.52
1846	55.5	4.1	31.3	43.2	9	4.375	0	0.0	0.0	...	...	0.16
1847	51.4	3.1	22.5	44.7	12	2.620	0	0.0	0.0	...	...	0.29
1848	51.1	2.7	27.8	44.7	13	2.620	0	0.0	0.0	...	...	0.33
1849	48.0	3.4	32.7	39.5	10	5.115	0	0.0	0.0	N 40° W	1.31	4.63 mls.
1850	47.6	3.2	31.1	45.2	7	0.515	0	0.0	0.0	N 51° E	1.97	5.33
1851	51.3	0.1	28.7	44.5	12	2.970	1	0.5	1 day	N 32° W	2.05	6.32
1852	51.4	0.1	34.5	38.5	7	1.123	1	0.5	1 day	N 32° W	1.59	6.34
1853	61.9	0.1	38.4	40.0	17	4.420	1	0.5	1 day	S 82° W	0.99	4.00
1854	52.2	0.1	33.9	41.4	11	4.650	0	0.0	0.0	E	0.40	5.38
1855	51.1	1.1	27.9	40.9	14	2.655	2	0.9	2 days	N 10° W	2.76	5.93
1856	50.5	0.1	35.5	41.4	13	4.850	1	0.5	1 day	N 10° E	3.99	9.81
1857	48.9	2.1	27.0	44.4	13	4.145	1	0.5	1 day	N 23° W	1.14	8.13
1858	48.9	2.1	27.0	44.4	11	3.487	0	0.0	0.0	N 42° E	3.33	9.30
1859	55.2	3.1	31.7	41.1	11	3.410	0	0.0	0.0	N 72° E	1.59	5.70
1860	55.5	4.1	35.0	42.4	16	3.815	0	0.0	0.0	N 26° E	2.66	7.17
1861	47.9	3.1	23.1	42.4	12	3.880	1	0.5	1 day	N 47° W	3.60	9.17
1862	52.2	0.1	39.1	39.4	8	1.427	0	0.0	0.0	N 52° W	12.80	7.87
1863	51.39	...	31.83	42.97	11.3	3.241	0.5	0.10	0.5	N 22° W	1.49	6.03
Diff	+	...	+	6.27	3.3	1.814	0.5	0.10	0.5	.....	.....	+
1862	0.78	...	...	3.2	3.3	1.814	0.5	0.10	0.5	.....	.....	1.25