

REMARKS ON TORONTO METEOROLOGICAL REGISTER FOR APRIL, 1865.

COMPARATIVE TABLE FOR APRIL.

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., 2 p.m., 4 p.m., 10 p.m., and midnight. The means and resultants for the wind are from hourly observations.

Year.	TEMPERATURE.					RAIN.		SNOW.	WIND.	
	Mean.	Excess above average.	Max. observed.	Min. observed.	Ran. Fe.	No. of days.	Inches.		Resultant.	Direction, V.V.
1844	2.4	+ 1.4	65.9	23.3	40.6	14	3.426	2	...	...
1845	19.2	+ 1.5	62.9	22.1	40.8	3	1.374	3	...	...
1846	13.1	+ 2.1	89.5	21.6	67.9	8	3.744	2	...	...
1847	10.9	— 0.1	70.0	15.1	54.9	7	3.182	3	...	...
1848	17.5	+ 6.4	74.5	17.2	57.3	10	1.517	1	...	...
1849	22.1	+ 1.1	66.0	14.8	51.2	11	3.294	4	...	...
1850	14.0	+ 3.4	79.4	24.4	55.0	10	1.306	2	...	...
1851	19.2	— 1.5	65.6	8.4	57.2	8	2.876	2	...	...
1852	11.3	+ 0.3	65.4	26.5	38.9	5	1.455	1	...	...
1853	19.0	+ 2.6	70.9	23.2	47.7	10	2.657	2	...	...
1854	17.9	— 3.1	63.2	18.2	45.0	7	4.726	2	...	...
1855	11.3	+ 0.8	59.2	23.8	33.4	11	2.285	3	...	...
1856	18.2	+ 2.8	53.8	19.8	34.0	6	1.990	4	...	...
1857	11.0	+ 0.9	65.7	27.0	38.7	10	2.025	1	...	...
1858	11.0	+ 0.4	65.1	22.3	42.8	12	2.085	4	...	...
1859	12.4	+ 1.3	63.8	12.2	51.6	8	2.030	3	...	...
1860	12.3	+ 1.3	69.8	15.1	54.7	13	2.781	3	...	...
1861	15.4	— 5.4	51.9	10.0	41.9	10	1.755	11	...	...
1862	11.5	+ 0.5	61.5	23.8	37.7	13	1.612	2	...	...
1863	19.5	— 1.5	62.1	23.9	38.2	9	2.527	8	...	...
1864	19.5	— 1.5	60.7	19.7	41.0	11	1.282	6	...	...
1865	12.0	+ 1.0	62.3	23.2	36.1	12	1.611	4	...	...
1866	19.6	— 1.4	64.1	23.1	41.6	10	2.235	4	...	...
1867	22.0	+ 1.0	67.7	3.9	58.8	8	2.210	4	...	...
1868	10.9	— 0.1	58.3	29.5	28.8	16	3.633	3	...	...
1869	13.1	+ 2.1	60.5	25.2	35.3	17	3.972	6	...	...
1870	10.96	...	55.57	20.01	45.53	9.7	2.433	3.3	...	...
1871	...	...	...	...	...	...	...	...	...	...
Exc.	+	5.07	—	+5.16	10.23	7.3	1.539	2.7	...	...
1865.	2.14	...	...	...	...	...	...	...	...	...

Highest Barometer.....30.156 at 6 a.m. on 9th } Monthly range =
 Lowest Barometer.....28.980 at 8 a.m. on 12th } 1.176 inches.
 Maximum Temperature.....62.25 on 18th } Monthly range =
 Minimum Temperature.....23.90 on 9th } 39.5
 Mean maximum Temperature.....59.67 } Mean daily range =
 Mean minimum Temperature.....31.93 } 15.74
 Greatest daily range.....30.70 from a.m. to p.m. of 18th.
 Least daily range.....6.8 from a.m. to p.m. of 20th.
 Warmest day.....6th } Mean temperature.....51.95 } Difference = 20.37.
 Coldest day.....8th } Mean temperature.....31.28 }
 Maximum } Solar.....103.70 on 13th } Monthly range =
 Radiation } Terrestrial.....15.90 on 9th } 88.0
 Aurora observed on 4 nights, viz.:—15th, 16th, 17th and 18th.
 Possible to see Aurora on 14 nights; impossible on 16 nights.
 Snowing on 6 days; depth 2.1 inches; duration of fall, 6.6 hours.
 Raining on 17 days; depth 1.2 inches; duration of fall 72.8 hours.
 Mean of cloudiness = 0.64.
 Most cloudy hour observed, 2 p.m.; mean = 0.31; least cloudy hour observed, p.m.; mean, = 0.46.

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

North. South. East. West.
 1374.60 1213.45 1723.60 3236.53
 Resultant direction N. 84° W.; Resultant velocity 2.11 miles per hour.
 Mean velocity.....8.39 miles per hour.
 Maximum velocity.....41.3 miles, from 1.30 to 2.30 p.m. on 12th.
 Most windy day.....12th.....Mean velocity, 19.49 miles per hour. } Difference =
 Least windy day.....15th.....Mean velocity, 0.41 ditto } 18.99 miles.
 Most windy hour.....noon.....Mean velocity, 12.93 ditto } Difference =
 Least windy hour.....5 a.m.....Mean velocity, 4.99 ditto. } 7.96 miles.

3rd. Solar halo.—5th. Thunderstorm at 1 p.m.—6th. Rainbow at 6 p.m.—12th. Very violent squalls of wind from west during the day.—19th. Solar halo during forenoon.—21st. Sheet lightning.—24th. Ice quarter of an inch thick.—26th. Solar halo in morning; sheet lightning during evening.—28th. Very stormy night.

The month of April, 1865, was comparatively warm and wet, while the velocity of the wind and cloudiness, although slightly in excess, closely approximated to the average.