

REMARKS ON TORONTO METEOROLOGICAL REGISTER FOR AUGUST, 1868.

COMPARATIVE TABLE FOR AUGUST.

YEAR.	TEMPERATURE.			RAIN.		SNOW.		WIND.	
	Mean.	Excess above average.	Maxi- mum.	Range.	No. of days.	Inches.	No. of days.	Inches.	Direction. Vely.
1840	63.7	7.4	82.4	34.7	12	2.905	...	...	...
1841	64.4	1.7	84.8	46.7	9	6.170	...	...	...
1842	65.7	0.4	83.1	37.9	0	2.500	...	...	...
1843	66.4	0.3	88.1	44.0	4	4.850	...	...	...
1844	67.3	1.8	86.8	43.5	43.8	17	Imper.	...	...
1845	67.9	1.8	84.8	41.6	43.8	9	1.725	...	...
1846	68.4	2.3	80.4	40.5	36.0	9	1.770	...	...
1847	65.1	1.0	82.6	44.0	38.0	10	2.140	...	...
1848	69.2	3.1	87.0	48.7	38.3	8	0.855	...	...
1849	66.3	0.2	79.0	49.0	30.0	10	4.970	...	...
1850	60.8	0.7	85.0	41.0	44.0	13	4.355	...	...
1851	63.0	2.6	79.8	42.0	37.8	10	1.360	...	...
1852	65.9	0.2	81.2	45.8	35.4	9	2.695	...	...
1853	68.0	2.5	94.9	42.5	52.4	11	2.575	...	...
1854	68.0	1.9	90.2	45.6	53.6	5	0.455	...	...
1855	64.1	2.0	83.5	40.0	43.5	7	1.455	...	...
1856	63.0	2.6	82.7	41.5	41.2	12	1.680	...	...
1857	65.3	0.8	88.2	46.0	42.2	13	5.265	...	...
1858	67.0	1.5	84.0	44.0	40.0	11	3.800	...	...
1859	66.9	0.5	82.2	45.8	36.4	11	3.900	...	...
1860	64.5	1.6	87.0	46.8	40.2	14	3.405	...	...
1861	65.6	0.6	86.2	47.0	38.2	16	2.953	...	...
1862	67.0	1.5	89.5	42.8	46.7	15	3.483	...	...
1863	66.6	0.5	88.0	42.4	45.6	12	2.208	...	...
1864	68.0	2.5	94.0	47.0	47.0	10	5.060	...	...
1865	65.2	0.9	87.8	44.4	43.4	8	1.900	...	...
1866	60.8	5.3	77.0	42.4	34.6	14	4.457	...	...
1867	68.1	2.0	95.2	42.2	53.0	10	2.440	...	...
1868	67.2	1.1	84.4	46.8	37.6	13	1.562	...	...
Results to 1867.	66.05	...	85.82	44.54	41.28	10.71	3.022	...	...
Excess for 1868.	1.15	...	1.42	2.26	3.68	2.29	1.400	...	...

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.

Highest Barometer 29.915 at 8 a.m. on 27th. } Monthly range=0.095 inches.
 Lowest Barometer 29.220 at 4 p.m. on 8th. }
 { Maximum Temperature 84°4 on 14th. } Monthly range=37°0.
 { Mean Maximum Temperature 46°8 on 13th. }
 { Mean Minimum Temperature 76°91. } Mean daily range=18°74.
 { Greatest daily range 38°7 from a.m. to p.m. of 18th.
 { Least daily range 11°0 from a.m. to p.m. of 27th.
 Warmest day 29th. Mean Temperature 79°38. } Difference=13°81.
 Coldest day 17th. Mean Temperature 69°07. }
 Radiation. { Solar 99°50 on 14th. } Monthly range=64°0.
 { Terrestrial 31°4 on 13th. }
 Aurora observed on 2 nights, viz.: 9th and 11th.
 Possible to see Aurora on 20 nights; impossible on 11 nights.
 Raining on 13 days; depth 1.562 inches; duration of fall 26.4 hours.
 Mean of Cloudiness=0.55.
 Most cloudy hour observed 4 p.m.; Mean=0.65; least cloudy hour observed 10 p.m.; Mean=0.39.

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

North. South. East. West.
 1262.58 1658.21 1039.57 1678.94

Resultant Direction S. 58° W.; Resultant Velocity 1.01.
 Mean Velocity 6.15 miles per hour.

Maximum Velocity 22.1 miles, from 4 to 5 p.m. of 15th.

Most Windy day 8th; Mean Velocity 10.47 miles per hour. } Difference 8.41 miles.
 Least Windy day 24th; Mean Velocity 2.06 miles per hour. }

Most Windy hour 2 p.m.; Mean Velocity 10.23 miles per hour. } Difference 6.82 miles.
 Least Windy hour 5 a.m.; Mean Velocity 3.41 miles per hour. }

8th, thunder storm, a.m. 15th, thunder storm, p.m.
 20th, thunder storm, noon. 31st, thunder storm, p.m.

28th, rainbow at 9 p.m. Solar haloes on the 21st and 24th.