

REMARKS ON TORONTO METEOROLOGICAL REGISTER FOR AUGUST, 1875.

* *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 for the wind are from hourly observations.

COMPARATIVE TABLE FOR AUGUST.

YEAR.	TEMPERATURE.				RAIN.		SNOW.	WIND.	
	Mean.	Excess above average.	Maxi- mum.	Mini- mum.	Range.	Inches.	No. of days.	Direction.	Resultant.
1847	58.1	-1.1	82.6	41.6	38.0	10	2.140	...	...
1848	59.2	+3.0	87.0	48.7	38.3	8	0.855	...	...
1849	56.3	+0.1	79.0	49.0	30.0	10	4.970	...	...
1850	56.8	+0.6	85.0	41.0	44.0	13	4.355	...	...
1851	53.0	-2.6	79.8	42.0	37.8	9	1.800	...	...
1852	55.0	-0.3	81.2	45.8	35.4	9	2.695	...	...
1853	58.6	+2.4	94.9	42.6	52.4	11	2.575	...	...
1854	58.0	+1.8	99.2	45.6	53.6	6	0.456	...	...
1855	54.1	-2.1	83.5	40.0	43.5	7	1.465	...	...
1856	53.6	-2.6	82.7	41.5	41.2	12	1.680	...	...
1857	55.3	-0.9	88.2	46.0	42.2	13	5.265	...	...
1858	57.6	+1.4	84.0	44.0	40.0	11	3.890	...	...
1859	56.6	+0.4	82.2	45.8	36.4	11	3.900	...	...
1860	54.6	-1.7	87.0	46.8	40.2	14	3.405	...	...
1861	55.5	-0.7	85.2	47.0	38.2	15	2.953	...	...
1862	57.0	+1.4	89.5	42.8	46.7	15	3.483	...	...
1863	56.6	+0.4	88.0	42.4	45.6	12	2.208	...	...
1864	58.6	+2.4	94.0	47.0	47.0	16	5.060	...	...
1865	55.2	-1.0	87.8	44.4	43.4	8	1.900	...	...
1866	56.8	-6.4	77.0	42.4	34.6	14	4.457	...	...
1867	58.1	+1.9	95.2	43.2	52.0	10	2.440	...	...
1868	57.2	+2.6	84.4	45.8	37.6	13	1.562	...	...
1869	53.6	-2.0	89.0	43.5	45.5	11	4.273	...	...
1870	57.1	+0.9	84.0	40.0	44.0	14	3.422	...	...
1871	57.4	+1.2	89.5	46.0	43.5	8	2.800	...	...
1872	59.5	+3.3	91.8	51.0	40.8	19	2.405	...	...
1873	56.6	+0.4	85.0	46.4	38.6	12	1.913	...	...
1874	57.1	+0.9	95.0	48.0	47.0	4	0.380	...	...
1875	55.2	-1.0	81.9	48.0	33.9	14	1.880	...	...
Result to 1874.	56.22	...	89.77	46.47	43.30	10.89	2.893	...	...
Excess for 76.	1.01	...	7.87	1.53	9.40	3.11	1.013	...	...

Highest barometer 30.015 at 8 a.m. on 23rd } Monthly range =
 Lowest barometer 29.195 at 2 p.m. on 6th } 0.817.
 { Maximum temperature 81° on 20th } Monthly range =
 { Minimum temperature 48° on 23rd } 33°.
 { Mean maximum temperature 74° on 23rd }
 { Mean minimum temperature 56° on 23rd }
 { Greatest daily range 27° from a.m. to p.m. of 20th.
 { Least daily range 5° from a.m. to p.m. of 6th.
 Warmest day 29th; mean temperature 71° on 18th } Difference = 18°.
 Coldest day 23rd; mean temperature 57° on 23rd }
 Radiation { Terrestrial 143° on 9th } Monthly Range =
 { Solar 33° on 23rd } 108°.
 No Aurora observed.
 Possible to see Aurora on 19 nights; impossible on 12 nights.
 Raining on 14 days; depth, 1.880 inches; duration of fall, 41.3 hours.
 Mean of cloudiness, 0.51.

WIND.

Resultant direction, S 56° E.; resultant velocity, 1.53 miles.
 Mean velocity, 0.70 miles per hour.
 Maximum velocity, 20.5 miles, from 2 to 3 p.m. of 2nd.
 Most windy day, 7th; mean velocity, 11.88 miles per hour.
 Least windy day, 4th; mean velocity, 4.29 miles per hour.
 Most windy hour, 4th; mean velocity, 4.29 miles per hour.
 Least windy hour, 2 p.m.; mean velocity, 10.86 miles per hour.
 Least windy hour, 3 a.m.; mean velocity, 4.48 miles per hour.

Fog on the 18th, 27th, and 28th.

Solar halo on the 10th.

Lightning on 6th, 10th, 11th, 15th, 21st, and 27th.

Thunder on 6th, 16th, and 21st.

Considerable number of Shooting Stars observed on 10th and 31st.