

REMARKS ON TORONTO METEOROLOGICAL REGISTER FOR AUGUST, 1877

COMPARATIVE TABLE FOR AUGUST.

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., 9 A.M., 12 P.M., 3 P.M., 6 P.M., and midnight. The means and results for the wind are from hourly observations.

YEAR	TEMPERATURE.				RAIN.		SNOW.		WIND.	
	Mean	Excess above Average.	Maxi- mum	Mini- mum	Range.	No. of days	Inches	No. of days	Resultant Direc- tion	Mean Velocity.
1840	66.3	0.0	79.0	49.0	30.0	10	4.970	...	N 71° W 0.60	3.76
1850	66.8	+ 0.6	85.0	41.0	44.0	13	4.355	...	N 15° W 0.35	4.46
1851	63.6	- 2.7	79.5	42.0	37.5	10	1.360	...	N 63° W 0.40	4.63
1852	65.9	- 0.4	81.2	45.8	35.4	9	2.695	...	N 70° E 0.50	3.50
1853	68.6	+ 2.3	94.9	45.6	62.4	11	2.575	...	N 36° E 0.30	4.26
1854	68.0	+ 1.7	99.2	45.6	62.4	6	0.455	...	N 36° E 1.70	4.40
1855	64.1	- 2.2	83.6	40.0	43.6	7	1.435	...	N 63° W 1.04	6.97
1856	63.6	- 2.7	82.7	41.5	41.2	12	1.650	...	N 50° W 2.84	7.03
1857	65.3	- 1.0	84.2	46.0	42.2	13	5.265	...	N 77° W 1.51	0.38
1858	67.6	+ 1.3	84.0	44.0	40.0	11	3.590	...	N 69° W 1.57	6.50
1859	66.6	+ 0.3	82.2	45.8	36.4	11	3.900	...	N 36° W 1.62	5.86
1860	64.6	- 1.8	87.0	46.8	40.2	14	3.405	...	N 70° W 1.53	5.80
1861	65.6	- 0.8	85.2	47.0	38.2	16	2.958	...	N 8° E 0.46	4.21
1862	67.0	+ 1.3	89.5	42.8	46.7	16	3.483	...	N 18° W 1.67	5.98
1863	68.0	+ 0.3	88.0	42.4	45.6	12	2.208	...	N 61° W 1.80	4.89
1864	68.0	+ 2.3	94.0	47.0	47.0	16	5.060	...	N 70° W 1.38	4.75
1865	65.2	- 1.1	87.8	43.4	44.4	8	1.990	...	N 60° W 1.55	5.07
1866	64.8	- 1.5	87.0	42.4	44.6	14	4.457	...	N 69° W 2.58	5.16
1867	68.1	+ 1.8	90.2	42.2	63.0	10	2.440	...	N 76° W 1.25	4.52
1868	67.2	+ 0.9	84.4	40.8	43.6	13	1.562	...	N 68° W 1.01	5.15
1869	63.0	- 2.7	89.0	43.6	45.6	11	4.273	...	N 42° W 1.08	5.05
1870	67.1	+ 0.8	84.0	40.0	44.0	14	3.422	...	N 76° W 1.80	5.92
1871	67.4	+ 1.1	89.5	46.0	43.5	8	2.808	...	N 62° W 1.09	6.46
1872	69.0	+ 3.3	91.8	51.0	40.8	19	2.405	...	N 61° W 1.43	3.73
1873	68.6	+ 0.8	85.0	48.0	38.0	12	1.913	...	N 84° W 1.35	6.56
1874	67.1	+ 0.3	85.0	48.0	47.0	4	0.360	...	N 23° E 0.70	6.16
1875	65.2	- 1.1	81.0	44.0	43.9	14	1.880	...	N 68° W 1.58	0.70
1876	70.2	+ 3.9	88.8	40.0	83.8	2	11	...	N 81° W 0.23	0.57
1877	69.2	+ 2.9	83.1	63.6	29.6	14	3.165	...	N 85° W 0.69	0.00
Resultant for 1876	66.32		86.89	44.76	42.14	10	73.2	78.4	N 62° W 0.57	5.38
for 1877	+ 2.84		3.79	8.76	12.64	3	27.0	3.1	...	+ 0.64

Highest Barometer..... 29.837 at 8 a.m. on 28th } Monthly range =
 Lowest Barometer..... 29.298 at 2 p.m. on 9th } 0.539.
 { Maximum temperature..... 83.21 on 19th, 27th } Monthly range =
 { Minimum temperature..... 58.56 on 6th } 29.66
 { Mean maximum temperature..... 79.92 } Mean daily range =
 { Mean minimum temperature..... 61.93 } 16.83
 { Greatest daily range..... 23.6 from a.m. to p.m. of 6th.
 { Least daily range..... 9.6 from a.m. to p.m. of 12th.
 Warmest day..... 28th; mean temperature 79.92 } Difference = 11.15.
 Coldest day..... 12th, mean temperature 62.17 }
 Maximum { Solar..... 139.90 on 4th } Monthly range =
 Radiation { Terrestrial..... 45.4 on 6th } 93.46.
 Aurora observed on 1 night, viz., 18th.
 It is said to see Aurora on 24 nights; impossible on 7 nights
 raining on 14 days; depth, 3.165 inches; duration of fall, 27 5 hours.
 Mean of Cloudiness, 0.60

WIND.

Resultant direction, N 85° W; Resultant Velocity, 0.69 miles.

Mean Velocity, 0.00 miles per hour

Maximum Velocity, 20.0 miles, from 4 to 5 p.m. of 10th.

Most Windy day, 3rd; Mean Velocity, 0.64 miles per hour

Least Windy day, 28th; Mean Velocity, 3.00 miles per hour

Most Windy hour, noon; Mean Velocity, 0.10 miles per hour.

Least Windy hour, 7 p.m.; Mean Velocity, 4.02 miles per hour

Fog on 14th and 15th.

Dew on 16 mornings.

Solar halo on 13th and 22nd.

Lightning on 6th, 7th, 8th, 9th, 13th, 14th, 15th, 16th, 18th, 22nd, 24th, 29th and 31st.

Thunder on 2nd, 7th, 9th, 12th, 14th, 16th, 18th, 25th and 29th.