

REMARKS ON TORONTO METEOROLOGICAL REGISTER FOR AUGUST, 1870. COMPARATIVE TABLE FOR AUGUST.

YEAR.	TEMPERATURE.				RAIN.		SNOW.		WIND.		Mean Velocity.
	Max. num.	Mini. num.	Range.	No. of days.	Inches.	No. of days.	Inches.	Direction.	Velocity.		
1818	87.0	48.7	38.3	8	0.866	...	...	S 29	0.98	4.55
1819	89.3	49.0	30.0	10	4.970	...	...	N 71 W	0.60	3.76
1860	85.0	41.0	44.0	13	4.363	...	...	N 16 W	0.35	4.43
1851	83.0	42.0	41.0	10	1.860	...	...	N 63 W	0.40	4.63
1852	85.0	41.2	43.8	9	2.695	...	...	N 70 E	0.66	3.30
1853	85.0	42.5	42.5	6	1.576	...	...	N 26 E	0.30	4.23
1854	88.0	45.0	43.0	7	0.465	...	...	N 64 W	1.76	4.60
1855	84.1	41.2	42.9	6	1.455	...	...	N 63 W	1.04	6.97
1856	83.0	41.5	41.5	12	1.689	...	...	N 60 W	2.88	7.03
1857	85.3	46.0	39.3	12	5.265	...	...	N 77 W	1.57	6.36
1858	87.6	44.0	43.6	13	5.265	...	...	N 69 W	1.67	6.60
1859	86.0	45.8	40.2	11	3.900	...	...	N 36 W	1.62	6.96
1860	84.0	46.3	40.2	14	3.405	...	...	N 70 W	1.83	6.80
1861	85.6	47.0	38.2	16	2.933	...	...	N 8 E	0.40	4.21
1862	87.0	42.8	44.2	16	3.483	...	...	N 78 W	1.67	6.99
1863	86.0	42.4	43.6	16	3.483	...	...	N 61 W	1.80	4.89
1864	88.0	47.0	41.0	12	2.208	...	...	N 60 W	1.38	4.75
1865	85.2	44.4	40.8	8	6.060	...	...	N 60 W	1.58	6.07
1866	80.8	42.4	38.4	14	4.457	...	...	N 60 W	2.58	6.16
1867	89.1	42.2	46.9	10	2.440	...	...	N 70 W	1.23	4.52
1868	87.2	46.8	40.4	13	1.662	...	...	N 68 W	1.01	6.16
1869	83.0	43.5	39.5	14	4.273	...	...	N 42 W	1.98	6.13
1870	87.1	44.0	43.1	14	3.422	...	...	N 75 W	1.80	5.92
1871	87.4	46.0	41.4	8	2.800	...	...	N 52 W	1.09	6.86
1872	89.6	51.0	48.6	10	2.405	...	...	N 61 W	1.43	3.73
1873	89.0	46.4	42.6	12	1.913	...	...	N 84 E	1.35	5.56
1874	87.1	48.0	39.1	4	0.380	...	...	N 23 E	0.70	6.16
1875	85.2	48.0	37.2	14	1.880	...	...	N 66 E	1.58	6.70
1876	70.2	48.0	22.2	2	R	...	...	N 31 W	0.23	6.57
Results to 1876	80.20	41.88	41.93	107	2.864	...	...	N 61 W	0.90	6.32
Excess for 76.	+	+	+	-	-	...	...	...	...	+
											1.25

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.

Highest barometer..... 29.889 at 8 a.m. on 21st. } Monthly range= 0.655.
 Lowest barometer..... 29.334 at 2 p.m. on 19th. }
 { Maximum temperature..... 89° 8 on 14th } Monthly range= 43° 8.
 { Minimum temperature..... 46° 0 on 23th. } Mean daily range= 20° 73.
 { Mean maximum temperature..... 80° 30 }
 { Mean minimum temperature..... 39° 2 from a.m. to p.m. of 25th. }
 { Greatest daily range..... 19° 8 from a.m. to p.m. of 3rd. }
 { Least daily range..... }
 Warmest day..... 6th; mean temperature..... 77° 75 } Difference= 18° 33.
 Coldest day..... 21st; mean temperature..... 56° 42 }
 Maximum of Solar..... 159° 0 on 15th } Monthly Range= 121° 4.
 Radiation { Terrestrial..... 31° 0 on 23th }
 Aurora observed on 2 nights, viz., 12th and 26th.
 Possible to see Aurora on 24 nights; impossible on 7 nights.
 Rain on 2 days; depth inappreciable; duration of fall, 0.2 hours.
 Mean of cloudiness, 0.43.

WIND.
 Resultant direction, S 31° W.; resultant velocity, 0.23 miles.
 Mean velocity, 6.97 miles per hour.
 Maximum velocity, 25.7 miles, from 4 to 6 p.m. of 26th.
 Most windy day, 26th; mean velocity, 13.64 miles per hour.
 Least windy day, 17th; mean velocity, 4.13 miles per hour.
 Most windy hour, 2 p.m.; mean velocity, 10.58 miles per hour.
 Least windy hour, 2 a.m.; mean velocity, 4.14 miles per hour.
 Lightning on 6th, 11th, 18th, 19th and 31st.
 Thunder on 11th and 31st.
 Fog on 7th.

It will be seen from the Comparative Table that this month was the driest August during the past 37 years, only a few drops having fallen since the morning of 28th July.