

REMARKS ON TORONTO METEOROLOGICAL REGISTER FOR JULY, 1876.

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., 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 JULY.

YEAR.	TEMPERATURE.				RAIN.		SNOW.		WIND.	
	Mean.	Excess above average.	Maxim.	Minim.	Range.	No. of days.	Inches.	No. of days.	Inches.	Resultant.
										Direction. Vely.
1848	63.6	0	82.2	41.1	38.1	10	1.890	...	...	N 14 W
1849	68.4	+ 1.0	88.6	45.2	43.4	4	3.415	...	...	S 6 W
1850	68.4	+ 1.6	86.6	41.6	44.0	12	6.270	...	...	S 81 E
1851	65.9	+ 2.0	82.1	40.5	30.2	12	3.625	...	...	S 43 W
1852	66.8	+ 2.0	80.1	38.5	41.6	8	4.025	...	...	N 40 W
1853	66.8	+ 1.8	91.3	41.6	40.7	10	0.916	...	...	S 68 E
1854	72.5	+ 0.1	96.0	42.6	53.5	10	4.805	...	...	S 49 W
1855	67.9	+ 0.5	92.8	49.2	43.6	13	3.245	...	...	S 19 W
1856	69.9	+ 2.5	96.6	49.5	47.1	8	1.120	...	...	S 79 W
1857	67.8	+ 0.4	86.6	47.0	39.6	6	3.475	...	...	S 68 E
1858	67.9	+ 0.5	85.0	42.0	33.0	13	3.072	...	...	N 15 E
1859	68.9	+ 0.6	88.0	44.7	43.3	12	2.611	...	...	N 56 E
1860	63.9	+ 3.5	84.6	43.5	41.2	13	4.356	...	...	N 60 W
1861	65.4	+ 2.6	84.6	47.0	37.6	16	2.635	...	...	N 74 W
1862	66.7	+ 0.7	95.6	48.2	47.3	15	2.344	...	...	S 89 W
1863	67.6	+ 0.2	83.5	48.0	35.6	16	3.408	...	...	N 18 W
1864	69.7	+ 2.3	90.2	49.0	41.2	8	1.332	...	...	N 01 W
1865	65.0	+ 2.4	83.0	45.8	37.2	11	2.470	...	...	S 86 W
1866	70.4	+ 3.0	94.0	47.8	46.2	16	5.390	...	...	S 70 W
1867	68.2	+ 0.8	91.0	48.2	45.8	12	1.065	...	...	N 48 W
1868	76.8	+ 8.4	93.4	69.0	34.4	6	0.610	...	...	S 87 E
1869	64.6	+ 2.9	84.9	49.8	35.1	13	4.010	...	...	S 07 W
1870	68.8	+ 1.4	87.4	48.0	39.4	16	1.856	...	...	S 78 W
1871	69.0	+ 1.3	88.4	47.5	40.9	11	1.255	...	...	S 88 W
1872	70.2	+ 2.6	96.0	62.2	43.8	13	2.207	...	...	S 67 W
1873	68.4	+ 1.0	87.6	47.6	40.0	11	1.913	...	...	S 76 W
1874	67.9	+ 0.6	83.6	44.4	39.1	11	3.350	...	...	S 68 W
1875	68.6	+ 0.8	88.0	46.4	41.6	6	1.810	...	...	S 88 W
1876	65.8	+ 1.4	82.9	46.2	46.7	16	3.290	...	...	N 78 W
Resultants for 1876	67.39	...	88.72	47.69	41.23	10.61	3.148	...	...	N 78 W
Excess for '76	1.39	...	+ 4.18	1.40	6.47	4.39	0.142	...	...	...

Highest Barometer..... 20.813 at 10 p.m. on 26th. } Monthly range
 Lowest Barometer..... 20.343 at 8 a.m. on 3rd. } 0.470.

Maximum temperature..... 92.9 on 8th. } Monthly range
 Minimum temperature..... 40.2 on 26th } 46.7.
 Mean maximum temperature..... 78.30. } Mean daily range
 Mean minimum temperature..... 46.67. } 19.66.
 Greatest daily range..... 31.04 from a.m. to p.m. of 8th.
 Least daily range..... 10.4 from a.m. to p.m. of 2nd.
 Warmest day..... 9th; mean temperature..... 82.07 } difference=24.82.
 Coldest day..... 25th; mean temperature..... 67.78 }
 Maximum (Solar)..... 14.05 on 10th. } Monthly range
 Radiation (Terrestrial)..... 33.4 on 26th. } 111.1.
 Aurora observed on 3 nights, viz., 16th, 18th, 19th.
 Possible to see Aurora on 24 nights; impossible on 7 nights.
 Raining on 16 days; depth, 3.290 inches; duration of fall 35.8 hours.
 Mean of cloudiness, 0.60.

Resultant direction N. 78° W.; resultant velocity 1.63 miles.
 Mean velocity 0.31 miles per hour.
 Maximum velocity 31.5 miles, from 5 to 6 p.m. of 5th.
 Most windy day 20th; mean velocity 13.10 miles per hour.
 Least windy day 7th; mean velocity 3.44 miles per hour.
 Most windy hour noon; mean velocity 0.25 miles per hour.
 Least windy hour 10 p.m.; mean velocity 4.03 miles per hour.

Fog on 1st, 2nd, 4th, 6th, 12th, 22nd and 23th.
 Thunder on 2nd, 5th, 6th, 10th, 12th, 13th, 18th and 20th.
 Lightning on 1st, 3rd, 6th, 9th, 10th, 12th, 13th, 17th, 18th, 19th, 20th, 22nd, 25th, 30th.
 Solar halo on 31st.
 Lunar halo on 27th.
 Dew on 12 mornings.
 Rainbow on 3rd.