

REMARKS ON TORONTO METEOROLOGICAL REGISTER FOR SEPTEMBER, 1872.

COMPARATIVE TABLE FOR SEPTEMBER.

YEAR	TEMPERATURE.				RAIN.		SNOW.		WIND.	
	Mean.	Excess above Average.	Maxim.	Minim.	Range.	No. of days.	Inches.	No. of days.	Inches.	Direction, velocity.
1844	58.6	+ 0.6	81.5	25.2	53.6	4	impr	...	...	...
1846	66.0	- 2.0	70.6	34.0	49.6	10	6.23	...	...	...
1847	55.6	- 2.4	74.5	37.8	47.0	11	4.50	...	...	...
1848	55.6	- 2.4	74.5	36.0	38.5	15	0.05	...	...	...
1849	58.2	- 3.8	80.4	28.1	52.3	11	3.15	...	...	...
1850	58.6	+ 1.6	70.0	29.7	40.3	9	1.48	...	...	...
1851	60.0	+ 2.0	86.3	32.0	54.3	11	1.78	...	...	...
1852	57.6	+ 0.6	81.8	35.8	46.0	10	1.80	...	...	...
1853	61.0	+ 3.0	83.6	35.8	47.8	12	5.14	...	...	...
1854	69.5	+ 1.6	82.0	33.0	49.0	12	5.37	...	...	...
1855	68.6	+ 0.6	82.0	34.1	47.9	11	2.60	...	...	...
1856	69.1	+ 1.1	81.4	35.0	46.4	8	0.73	...	...	...
1857	68.6	+ 0.6	82.0	34.1	47.9	11	2.60	...	...	...
1858	69.1	+ 1.1	81.4	35.0	46.4	8	0.73	...	...	...
1859	65.2	- 2.7	75.4	35.7	39.7	15	3.62	...	...	...
1860	65.3	- 2.8	75.8	35.7	40.1	14	1.05	...	...	...
1861	69.1	+ 1.1	78.8	37.1	41.7	17	3.03	...	...	...
1862	69.6	+ 1.6	79.4	39.0	40.4	9	2.34	...	...	...
1863	65.0	- 2.1	80.0	31.4	48.6	8	2.35	...	...	...
1864	68.4	+ 1.6	73.0	37.8	35.2	11	2.50	...	...	...
1865	64.5	- 6.5	90.5	42.0	48.5	12	2.45	...	...	...
1866	55.2	- 2.8	80.0	31.4	48.6	15	5.85	...	...	...
1867	57.0	- 0.1	87.0	31.8	55.2	9	1.22	...	...	...
1868	50.0	- 1.7	75.5	36.0	39.5	10	4.23	...	...	...
1869	60.7	+ 2.7	81.0	34.4	46.6	8	4.02	...	...	...
1870	61.8	+ 3.8	78.0	46.8	31.2	11	6.73	...	...	...
1871	54.8	- 3.2	84.4	31.0	53.4	8	1.20	...	...	...
1872	69.1	+ 1.1	84.4	38.2	46.2	10	2.62	...	...	...
Rec'd to 1871	18.04		50.88	31.59	40.30	11.00	3.716	...	...	...
Excess for 72.	1.07		+ 3.62	+ 3.62	0.10	4.94	1.100	...	...	0.20

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., 11 A.M., 4 P.M., 10 P.M., and midnight. The means and resultants of the wind are from hourly observations.

Highest Barometer.....20.042 at 8 a.m. on 14th. } Monthly range
 Lowest Barometer.....29.214 at 7 a.m. on 29th. } 0.728.
 { Maximum temperature.....84.0 on 7th. } Monthly range
 { Minimum temperature.....33.2 on 23th. } 46.2
 { Mean maximum temperature.....68.03 }
 { Mean minimum temperature.....60.51 } Mean daily range
 { Greatest daily range.....27.06 from a.m. to p.m. of 1st. } 18.17
 { Least daily range.....9.90 from a.m. to p.m. of 9th. }
 Warmest day.....7th: mean temperature 72.85 } Difference=24.03
 Coldest day.....27th: mean temperature 48.82 }
 Maximum { Solar14.90 on 1st. } Monthly range=12.10
 { Terrestrial.....27.4 on 3rd. }
 Auroras observed on 4 nights, viz: 2nd, 3rd, 9th, and 29th.
 Possible to see aurora on 18 nights; impossible on 12 nights.
 Raining on 16 days; depth, 2.626 inches; duration of fall, 43.4 hours.
 Mean of cloudiness, 0.63.

WIND.

Resultant direction, N. 75° W.; Resultant velocity, 1.47 miles.
 Mean velocity, 5.24 miles per hour.
 Maximum velocity, 23.0 miles, from 9 to 10 a.m. of 13th.
 Most windy day, 20th; mean velocity, 13.93 miles per hour.
 Least windy day, 21st; mean velocity, 1.27 miles per hour.
 Most windy hour, 1 p.m.; mean velocity, 9.16 miles per hour.
 Least windy hour, 5 a.m.; mean velocity, 2.93 miles per hour.
 Fog on 6th, 11th, and 18th.
 Dew on 6th, 15th, 21st and 24th.
 Frost on 3rd, 14th, 16th, 25th, 27th, and 29th.—Ice on 27th.
 Thunder or lightning on 6th, 6th, 7th, 8th, 12th, 19th, 22nd, 23d, 26th, and 29th.
 Fall of large size and to a considerable amount fell in the storm of the 19th.
 Solar Rainbow on 12th. Lunar Rainbow on 19th at 8 p.m.