

REMARKS ON TORONTO METEOROLOGICAL REGISTER FOR SEPTEMBER, 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 of the wind are from hourly observations.

COMPARATIVE TABLE FOR SEPTEMBER.

YEAR.	TEMPERATURE.					RAIN.		SNOW.		WIND.	
	Mean.	Excess above Average.	Maxi- mum.	Mini- mum.	Range.	Inches.	No. of days.	No. of days.	Inches.	Direction.	Mean Velocity.
1848	64.2	-3.9	80.4	28.1	52.3	11	3.115	...	...	N 71 W 2.38	6.81
1849	68.2	+0.1	80.1	32.7	47.4	0	1.450	...	...	N 75 W 0.69	4.23
1850	66.5	+1.0	76.0	29.5	46.5	11	1.735	...	...	S 65 W 1.02	4.78
1851	69.0	+1.3	80.3	32.0	48.3	17	2.663	...	...	N 74 W 1.03	5.45
1852	67.5	+0.6	81.8	35.8	46.0	10	3.030	...	...	N 77 W 0.63	4.60
1853	68.8	+0.7	85.6	33.0	52.6	12	5.146	...	...	North 1.06	4.33
1854	61.0	+2.0	83.0	35.8	47.2	14	6.375	...	...	N 22 W 1.33	4.04
1855	69.6	+1.4	82.0	33.0	49.0	12	6.685	...	...	N 20 E 1.29	7.01
1856	67.1	+1.0	78.4	35.0	43.4	13	4.103	...	...	S 79 W 1.08	6.63
1857	68.0	+0.5	82.0	34.1	47.9	11	2.640	...	...	N 68 W 1.61	6.53
1858	69.1	+1.0	81.4	35.0	46.4	8	0.733	...	...	S 74 W 1.63	6.09
1859	65.2	-2.0	75.4	25.7	49.7	15	3.625	...	...	N 44 W 1.20	6.33
1860	65.3	-2.8	75.8	28.7	47.1	14	1.956	...	...	N 71 W 2.63	6.79
1861	69.1	+1.0	78.8	37.1	41.7	17	3.607	...	...	N 71 W 1.39	4.81
1862	69.0	+1.5	79.4	39.0	40.4	0	2.344	...	...	N 59 W 1.07	5.11
1863	65.9	-2.2	80.0	31.4	48.6	8	1.233	...	...	N 16 W 0.92	6.46
1864	66.4	-1.7	73.0	37.5	35.5	11	2.508	...	...	N 33 W 1.89	7.06
1865	64.5	-0.4	80.5	42.0	38.5	12	2.450	...	...	S 50 E 0.47	4.12
1866	65.2	-0.2	80.0	34.4	45.6	15	5.637	...	...	N 53 W 1.45	4.03
1867	67.0	-0.2	87.0	31.8	55.2	9	0.224	...	...	N 37 W 1.45	6.43
1868	66.6	-1.6	75.5	36.9	38.5	16	4.230	...	...	N 74 W 0.85	4.88
1869	69.7	+3.7	81.0	34.4	46.6	8	1.027	...	...	S 53 W 1.16	4.89
1870	61.8	+3.7	78.0	45.8	32.2	11	0.794	...	...	N 23 E 2.26	6.04
1871	64.8	+3.3	81.8	34.0	47.8	8	1.290	...	...	N 74 W 1.72	6.60
1872	69.1	+1.0	81.4	38.2	43.2	10	2.626	...	...	N 79 W 1.47	6.24
1873	67.3	-0.8	79.0	33.5	45.5	14	3.040	...	...	N 81 W 2.92	7.39
1874	63.3	+6.2	88.6	39.6	49.1	11	1.554	...	...	S 14 E 0.09	6.30
1875	65.5	-2.0	84.6	32.0	52.6	13	2.820	...	...	S 58 W 1.89	8.00
1876	67.5	-0.6	77.8	38.5	39.3	16	2.463	...	...	N 0 W 2.97	9.22
Results to 1875.	68.14		81.47	34.59	46.68	11.33	3.675	...	...	N 55 W 1.15	6.52
Excess for 1876.	0.68		-3.67	3.61	7.28	4.67	1.120	...	...	...	+ 3.60

The daily means, extending 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 of the wind are from hourly observations.

Highest Barometer..... 29.965 at 8 a.m. on 16th. } Monthly range
Lowest Barometer..... 29.181 at 6 a.m. on 18th. } 0.784.

Maximum temperature..... 77.9 on 1st. } Monthly range
Minimum temperature..... 38.6 on 30th. } 39.3.
Mean maximum temperature..... 63.75 } Mean Daily range
Mean minimum temperature..... 50.39 } 14.36.
Greatest daily range..... 24.2 from a.m. to p.m. of 23rd.
Least daily range..... 4.9 from a.m. to p.m. of 10th and 24th.

Warmest day..... 1st; mean temperature..... 67.93 } Difference=21.91.
Coldest day..... 30th; mean temperature..... 49.77 }

Maximum { Solar..... 133.4 on 5th. } Monthly range
Radiation { Terrestrial..... 26.4 on 30th. } 107.50.
No Aurora observed.

Possible to see Aurora on 12 nights; impossible on 18 nights.
Raining on 16 days; depth, 2.455 inches; duration of fall, 62.0 hours.
Mean of cloudiness, 0.69.

WIND.

Resultant direction, N. 69 W.; resultant velocity, 2.97 miles.
Mean velocity, 0.22 miles per hour.

Maximum velocity, 27.0 miles per hour, from 2 to 3 p.m. of 26th.
Most windy day, 27th; mean velocity, 18.07 miles per hour.
Least windy day, 24th; mean velocity, 4.33 miles per hour.
Most windy hour, 2 p.m.; mean velocity, 13.56 miles per hour.
Least windy hour, 11 p.m.; mean velocity, 0.40 miles per hour.

Weg on 11th. Dew on 3 mornings.
Lightning on 14th.
Solar halo on 6th. Lunar halo on 9th.

Highest Barometer.....29.965 at 8 a.m. on 16th. } Monthly range
Lowest Barometer.....29.181 at 6 a.m. on 18th. } 0.784.

Mean temperature.....77.98 on 1st. } Monthly range
Minimum temperature.....38.6 on 30th. } 39.3.
Maximum temperature.....69.75 } Mean Daily range
Mean minimum temperature.....60.39 } 14.36.
Greatest daily range.....24.62 from a.m. to p.m. of 23rd.

Least daily range.....4.98 from a.m. to p.m. of 10th and 24th.
Warmest day.....1st; mean temperature.....67.63 } Difference=21.01.
Coldest day.....30th; mean temperature.....49.77 }

Maximum { Solar.....13.94 on 8th. } Monthly range
Radiation { Terrestrial.....26.4 on 30th. } 10.50.

No Aurora observed.

Possible to see Aurora on 12 nights; impossible on 18 nights.

Raining on 16 days; depth, 2.455 inches; duration of fall, 62.0 hours.

Mean of cloudiness, 0.63.

WIND.

Resultant direction, N. 69 W.; resultant velocity, 2.97 miles.

Mean velocity, 9.22 miles per hour.

Maximum velocity, 27.0 miles per hour, from 2 to 3 p.m. of 26th.

Most windy day, 27th; mean velocity, 18.07 miles per hour.

Least windy day, 24th; mean velocity, 4.33 miles per hour.

Most windy hour, 2 p.m.; mean velocity, 13.53 miles per hour.

Least windy hour, 11 p.m.; mean velocity, 6.40 miles per hour.

Fog on 11th. Dew on 3 mornings.

Lightning on 14th.

Solar halo on 6th. Lunar halo on 9th.