

REMARKS ON TORONTO METEOROLOGICAL REGISTER FOR JUNE.

Highest Barometer..... 20.965 at 8 a. m., on 15th } Monthly range =
 Lowest Barometer..... 20.260 at 4 p. m., on 15th } 0.705 inches
 Maximum Temperature..... 86° at p. m. of 29th } Monthly range =
 Minimum Temperature..... 50° at a. m. of 5th } 36°
 Mean maximum Temperature..... 65°03 } Mean daily range =
 Mean minimum Temperature..... 49°32 } 17°11
 Greatest daily range..... 27°8 from a. m. to p. m. on 5th.
 Least daily range..... 8°4 from a. m. to p. m. on 3rd.
 Warmest day..... 28th } Mean temperature..... 75.03 } Difference = 36°90.
 Coldest day..... 4th } Mean temperature..... 38°13 }
 Maximum { Solar..... 100°8 on p. m. of 29th } Monthly range =
 Radiation { Terrestrial..... 10°3 on a. m. of 11th } 81°6.
 Aurora observed on 3 nights, viz., on 8th, 15th, and 25th.
 Possible to see Aurora on 20 nights; impossible on 10 nights.
 Snowing on 2 days,—depth, inapp.; duration of fall 2 hours.
 Raining on 16 days,—depth 4.085 inches; duration of fall 23.6 hours.
 Mean of cloudiness = 0.50.
 Most cloudy hour observed, 6 a. m., mean = 0.37; i. e., at cloudy hour observed,
 10 p. m., mean, = 0.42.

Sums of the components of the Atmospheric Current, expressed in miles.

North. South. East. West.
 1844.75 1510.29 943.63 2311.30.
 Resultant direction N. 77° W.; Resultant Velocity 1.95 miles per hour.
 Mean velocity..... 7.19 miles per hour.
 Maximum velocity..... 37.0 miles, from 10 to 11 p. m. on the 29th.
 Most windy day..... 29th } Mean velocity 17.83 miles per hour.
 Least windy day..... 6th } Mean velocity 3.19 ditto.
 Most windy hour..... 1 to 2 p. m. } Mean velocity 11.34 ditto. } Difference
 Least windy hour..... 2 to 3 a. m. } Mean velocity 4.40 ditto. } 6.96 miles.
 1st. Dense Wetting Fog, 6 a. m. to noon. Sheet Lightning, 9 p. m. to midnight.—2d.
 Thunderstorm, 2 to 5 a. m.—3rd. A few particles of snow fell, 8 to 9 p. m. Very
 cold night.—4th. Particles of snow fell at 7 a. m. Very cold day.—5th. Sharp frost
 and thin ice, 6.30 to 7 a. m.—6th. Hoar frost at 6 a. m.—7th. Thunderstorm, 8 p. m.
 to midnight.—8th. Thunderstorms with large Hailstones, 11 to 11.25 a. m.—11th.
 Hoar frost and thin ice at 5.30 a. m. Cold day.—13th, 14th, and 15th. Dense fog,
 a. m.—16th. Thunderstorm, 2 to 4 p. m. Lunar Halo at 10 p. m. (imperfect).—
 20th. Thunderstorm 6.50 to 8.45 p. m. Pollen of Plants fell during this storm.—
 22nd. Portions of double Rainbow at 6.30 p. m. Colors brilliant.—27th. Thunder
 storm, 10.50 to 11.20 p. m.—28th. Thunderstorm from 7.30 p. m. Sultry day.—29th.
 Thunderstorm from 0.30 to 0.45 p. m. Splendid meteor at 9 p. m.—30th. Cold day.
 Mean Temperature, 17.85 below that of preceding day.

COMPARATIVE TABLE FOR JUNE.

Year.	TEMPERATURE.					RAIN.		SNOW.		WIND.	
	M'n.	Diff. from Aver.	Max. ob'd.	Min. ob'd.	Range.	No. of days.	Inch's.	No. of days.	Inch's.	Resultant Direction, V'y.	Mean Force or Velocity.
1840	59.8	-1.5	78.5	37.1	41.4	11	4.860	...	...	...	0.30 lbs.
1841	63.0	+4.3	92.8	45.7	47.1	9	1.560	...	...	...	0.31
1842	55.6	-5.7	73.9	28.0	45.9	15	5.755	...	...	...	0.27
1843	58.4	-2.9	81.3	23.5	57.8	12	4.635	...	...	...	0.19
1844	59.9	-1.4	82.8	33.1	49.7	9	3.635	...	...	...	0.27
1845	61.0	-0.3	83.6	40.9	42.7	11	3.715	...	...	...	0.30
1846	63.3	+2.0	83.3	41.5	41.8	10	1.920	...	...	...	0.32
1847	58.4	-2.9	78.3	36.7	41.6	14	2.625	...	...	...	0.30
1848	62.9	+1.6	92.5	38.3	54.2	8	1.810	...	...	N 61° W	1.90
1849	63.2	+1.9	84.9	45.2	39.7	7	2.020	...	...	S 71° E	0.49
1850	64.3	+3.0	89.2	49.0	34.2	10	3.345	...	...	S 60° W	0.39
1851	59.2	-2.1	79.2	43.6	38.0	11	2.695	...	...	S 20° W	1.36
1852	60.8	-0.5	86.1	43.6	42.5	10	3.100	...	...	S 76° W	1.49
1853	65.5	+4.2	86.3	43.3	43.0	9	1.650	...	...	N 1° W	0.71
1854	64.1	+2.8	88.7	47.4	41.3	9	1.460	...	...	N 25° E	0.71
1855	59.9	-1.4	90.7	40.6	50.1	17	4.070	...	...	N 60° W	1.33
1856	62.1	+0.8	82.6	48.3	34.3	13	3.900	...	...	S 21° W	0.90
1857	56.9	-4.4	75.1	40.9	34.2	21	5.060	...	...	N 49° W	1.15
1858	66.2	+4.9	86.3	48.7	37.6	12	2.943	...	...	S 20° E	0.25
1859	58.3	-3.0	85.2	33.9	51.3	16	4.085	...	...	N 77° W	1.95
M	61.27	...	83.76	40.59	43.17	11.7	3.198	...	...	...	5.01 Mls.

Range in less than 18 hours..... 36.4
 The frost which was so destructive to vegetation on the 5th and 11th of this month was the most severe recorded here since 2nd June, 1843.
 June 1859, was cold, wet, and windy, the Mean Temperature being 2.97 below the average of 20 years. The Rain, 0.837 inches on the surface above the average of the same number of years, and the Wind 2.18 miles per h. above the average of 12 yrs. The Resultant Direction and Velocity of the Wind for the month of June from 1843 to 1859 inclusive, were respectively—West and 0.46 miles.