

REMARKS ON TORONTO METEOROLOGICAL REGISTER FOR JUNE, 1857.

Highest Barometer. 29.707 at 8 a.m. on 25th } Monthly range =
 Lowest Barometer. 28.52 at 8 a.m. on 11th } 0.755 inches.
 Self-registering Thermometer.
 Maximum temperature 76.0 on p. m. of 28th } Monthly range =
 Minimum temperature 35.0 on a. m. of 5th } 41.0
 Mean maximum temperature 65.48 } Mean daily range = 16.49
 Mean minimum temperature 48.99 }
 Greatest daily range 24.4 from a. m. to p. m. of 6th.
 Least daily range 7.6 from p. m. of 16th to a. m. of 17th.
 Warmest day . . . 26th . . . Mean Temperature . . . 68.42 } Difference = 20.07.
 Coldest day . . . 5th . . . Mean Temperature . . . 48.35 }
 Maximum. { Solar 93.5 on p. m. of 25th } Monthly range =
 Radiation. { Terrestrial 26.0 on a. m. of 5th } 67.5
 Aurora observed on 1 night, viz.: 11th at 9 p.m. (faint); possible to see Aurora on 14
 nights; impossible to see Aurora on 16 nights.
 Raining on 21 days; depth, 5.060 inches; duration of fall, 63.0 hours.
 Mean of cloudiness = 0.63; most cloudy hour observed, 8 a. m., mean = 0.53; least
 cloudy hour observed, 10 p. m.; mean = 0.55.

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

North.	South.	East.	West.
1743.47	1113.80	1693.75	2293.65
Resultant direction of the wind, N 49° W; Resultant Velocity, 1.15 miles per hour.			
Mean velocity of the wind 7.60 miles per hour.			
Maximum velocity . . . 28.6 miles per hour, from noon to 1 p. m. of 11th.			
Least windy day 16th—Mean velocity, 17.22 miles per hour.			
Least windy day 26th—Mean velocity, 2.95 do			
Most windy hour 1 to 2 p.m.—Mean velocity, 11.26 do } Difference			
Least windy hour 2 to 3 a. m.—Mean velocity, 5.38 do } 5.88 miles.			

3rd—Very perfect rainbow at 7 p.m.
 5th—Slight hoar frost at 5.30 a. m.
 15th—Particles of snow stated to have fallen at 1 p. m., in King Street.
 18th—Very dense fog during most of the day.
 23rd—Large and very perfect rainbow at 8 p. m.; prismatic colours well defined.
 24th—Large and perfect solar halo at 5.30 a. m. Wild pigeons numerous.
 25th—Fireflies first noticed, at 9 p. m., in the ravine near the Observatory.
 27th—A considerable quantity of pollen fell with the rain which occurred at 5.50 a.m.

COMPARATIVE TABLE FOR JUNE.

YEAR.	TEMPERATURE.				RAIN.		SNOW.		WIND.	
	Mean.	Difference from Average.	Maximum observed.	Minimum observed.	Range.	No. of days.	Inches.	No. of days.	Resultant Direc- tion.	Mean Velocity
1840	59.8	+ 1.4	78.5	47.1	41.4	11	4.880	...	—	—
1841	65.6	+ 4.4	92.8	57.7	47.1	9	1.560	...	—	—
1842	55.6	— 5.6	73.9	28.5	45.9	15	5.735	...	—	—
1843	58.4	— 2.8	81.3	28.5	52.8	12	4.595	...	—	—
1844	59.9	+ 1.3	82.8	33.1	49.7	9	3.555	...	—	—
1845	61.0	— 0.2	83.6	40.9	42.7	11	3.715	...	—	—
1846	63.3	+ 2.3	83.6	41.5	41.8	10	1.920	...	—	—
1847	58.4	+ 1.7	78.3	36.7	41.6	14	2.625	...	—	—
1848	62.9	+ 2.8	92.5	38.3	54.2	8	1.810	...	—	—
1849	63.2	+ 2.0	84.9	45.2	39.7	7	2.020	...	—	—
1850	64.3	+ 3.1	83.2	49.0	34.2	11	3.315	...	N 61 W	1.40
1851	59.2	— 2.0	79.2	41.2	38.0	10	2.695	...	S 71 E	0.49
1852	60.8	— 0.4	86.1	43.6	42.5	10	3.160	...	S 60 W	0.38
1853	65.5	+ 4.3	86.3	43.3	43.0	9	1.550	...	S 70 W	1.49
1854	64.1	+ 2.9	88.7	47.4	41.3	9	1.460	...	S 74 W	0.27
1855	59.9	— 1.3	90.7	46.3	40.1	17	4.070	...	N 21 E	0.80
1856	62.1	+ 0.9	92.6	48.3	34.3	13	3.200	...	N 69 W	1.33
1857	59.9	— 4.3	75.1	40.9	34.2	21	5.060	...	S 21 W	0.90
Mean	61.16	...	85.55	40.52	43.03	11.4	3.163	...	—	—

Temperature—This was the coldest June, and shews also the lowest maximum temperature since 1842.
 Rain—The number of rainy days exceeded that of any previous June, and the depth of rain, 1.837 inches above the average, is the greatest recorded for June since 1842.
 Wind—The mean velocity of the wind was greater than any before recorded for the month of June.
 The resultant direction and velocity of the wind for the month from 1848 to 1857 were N 87° W 0.51 miles per hour.