

REMARKS ON TORONTO METEOROLOGICAL REGISTER FOR JUNE, 1855.

COMPARATIVE TABLE FOR JUNE.

Notes.—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 4 a.m., 8 a.m., 12 p.m., 4 p.m., 8 p.m., and midnight. The means and resultants for the wind are from hourly observations.

Highest Barometer 29.877 at 8 a.m. on 23rd. } Monthly range = 0.645 inches.
 Lowest Barometer 29.232 at 4 p.m. on 28th. }
 { Maximum temperature 90° 2 on 4th. } Monthly range = 47° 2
 { Minimum temperature 43° 0 on 11th. }
 Mean maximum temperature 74° 19 { Mean daily range = 17° 46
 Mean minimum temperature 56° 73 }
 Greatest daily range 36° 9 from a.m. to p.m. of 12th.
 Least daily range 6° 2 from a.m. to p.m. of 15th.
 Warmest day 24th Mean Temperature 72° 05 } Difference = 16° 07
 Coldest day 27th Mean Temperature 53° 38 }
 Maximum { Solar 128° 5 on 10th. } Monthly range = 53° 1
 Radiation { Terrestrial 33° 4 on 11th. }
 Aurora observed on 6 nights, viz.:—on 10th, 15th, 16th, 20th, 21st and 23rd.
 Possible to see Aurora on 13 nights; impossible on 12 nights.
 Raining on 7 days; depth 2.005 inches; duration of fall, 34.7 hours.
 Mean of cloudiness = 0.92; Most cloudy hour observed, 8 a.m.; mean = 0.70; least cloudy hour observed, 10 p.m.; mean = 0.53.
 Signs of the components of the Atmospheric Current, expressed in Miles.
 North. South. East. West.
 671.56 1043.54 882.24 10690.10
 Resultant direction, S. 30° W.; Resultant Velocity, 0.660 miles per hour.
 Mean velocity 4.06 miles per hour.
 Maximum velocity 19.0 miles, from 8 to 9 a.m. on 27th.
 Most windy day 14th—Mean velocity, 10.64 miles per hour.
 Least windy day 16th—Mean velocity, 0.52 miles per hour.
 Most windy hour, 3 p.m.—Mean velocity, 7.26 miles per hour.
 Least windy hour, 5 a.m.—Mean velocity, 1.31 miles per hour.
 4th, Thunder storm during evening.
 7th, Hot sultry day; thunder at 7 p.m., 8th, Lunar halo.
 10th, Very fine auroral display 13th, Solar halo 7 a.m.
 16th, Distant thunder in N and W. 17th, Ground fog at night.
 18th, Distant thunder in S, W.
 19th, Fireflies numerous. Dense fog during morning.
 Dew recorded on five mornings during month.

The month of June was warm, dry, and calm. The mean temperature is the highest except 3 years, viz.:—1841, 1853 and 1853.

YEAR.	TEMPERATURE.				RAIN.			SNOW.			WIND.	
	Mean	Excess above Average	Maximum observed	Minimum observed	Range.	No. of days.	Inches.	No. of days.	Inches.	Resultant.	Direction.	Mean Force or Velocity
1840	59.8	-1.5	78.5	37.1	41.4	11	4.860	...	...	...	...	0.36 lbs
1841	63.6	+4.3	92.8	45.7	47.1	9	1.580	...	...	...	...	0.31 "
1842	5.0	-5.7	73.9	28.0	45.9	12	5.753	...	...	...	...	0.27 "
1843	58.4	-2.0	81.3	28.5	52.8	12	4.595	...	...	...	...	0 "
1844	59.9	+1.4	82.8	33.1	49.7	9	3.335	...	...	...	...	0.27 "
1845	61.0	+0.3	83.6	40.0	42.7	11	3.715	...	...	...	...	0.32 "
1846	63.3	+2.0	85.3	41.5	41.8	10	1.920	...	...	...	...	0.30 "
1847	65.4	+2.0	78.3	36.7	41.0	14	2.625	...	...	...	...	0.30 "
1848	62.9	+1.6	92.5	38.3	54.2	8	1.810	...	...	...	...	4.51 ms
1849	65.2	+1.9	84.9	48.2	30.7	7	2.020	...	...	...	...	3.52 v
1850	64.3	+3.0	83.2	49.0	31.2	10	3.345	...	...	...	...	0.32 "
1851	69.2	-2.1	79.2	41.2	38.0	11	2.693	...	...	...	...	1.26 "
1852	69.8	+0.5	86.1	43.6	42.5	10	3.160	...	...	...	...	1.49 "
1853	65.5	+4.2	86.3	43.3	43.0	9	1.530	...	...	...	...	0.31 "
1854	64.1	+2.3	88.7	47.4	41.3	9	1.490	...	...	...	...	0.32 "
1855	69.0	+1.4	90.7	40.6	50.1	17	4.070	...	...	...	...	0.71 "
1856	62.1	+0.8	82.6	48.3	34.3	13	3.260	...	...	...	...	1.37 "
1857	65.9	+4.4	75.1	40.9	34.2	21	5.060	...	...	...	...	0.90 "
1858	66.2	+4.9	86.3	43.7	37.6	12	2.943	...	...	...	...	1.1 "
1859	53.3	-3.0	85.2	33.9	51.3	16	4.085	2	(up)	...	...	0.25 "
1860	61.2	+1.0	81.1	30.0	51.1	14	2.136	...	...	...	...	1.3 "
1861	61.3	+0.0	86.5	48.2	38.3	13	2.329	...	...	...	...	2.29 "
1862	69.5	+0.8	83.2	45.0	38.9	10	1.007	...	...	...	...	1.7 "
1863	60.1	-1.2	79.3	45.0	34.3	13	0.670	...	...	...	...	2.2 "
1864	63.0	+1.7	92.6	41.7	50.9	5	0.570	...	...	...	...	1.72 "
1865	64.5	+3.2	90.2	43.0	47.2	7	2.005	...	...	...	...	0.60 "
Results to 1864.	61.84	...	88.92	41.04	52.38	11.6	2.867	...	...	...	...	0.98
Exc. for 1865.	+3.16	...	+6.28	+1.36	+4.92	4.0	0.862	...	...	...	...	+1.21