

REMARKS ON TORONTO METEOROLOGICAL REGISTER FOR JUNE, 1868.

COMPARATIVE TABLE FOR JUNE.

YEAR.	TEMPERATURE.					RAIN.		S NOW.		WIND.		
	Mean.	Excess above Average	Maxi.	Mini.	Range.	No. of days.	Inches.	No. of days.	Inches.	Resultant.	Mean Velocity.	
			mum.	mum.								
1840	59.8	-1.7	79.9	36.7	43.2	11	4.800	...	...	o	...	0.36 lbs.
1841	65.6	+4.1	98.1	45.3	47.8	19	1.560	...	...	...	...	0.31
1842	65.6	-3.1	80.2	28.1	52.1	16	6.765	...	...	...	...	0.27
1843	68.4	-3.1	83.3	28.2	55.1	12	4.595	...	...	...	...	0.19
1844	69.9	-0.6	84.0	33.6	50.1	10	3.635	...	...	...	...	0.27
1845	61.0	-1.5	84.6	38.5	46.1	11	3.715	...	...	...	...	0.32
1846	63.3	+1.8	84.2	30.1	45.1	14	1.920	...	...	...	...	0.30
1847	68.4	+3.1	77.8	36.7	41.1	14	2.625	...	...	...	...	0.30
1848	62.9	+1.4	92.0	37.4	54.6	7	1.810	...	...	N 61 W 1.90	4.51 miles.	
1849	63.2	+1.7	84.4	35.2	49.2	7	2.020	...	...	S 71 W 1.49	3.32	
1850	64.3	+2.8	85.6	34.2	51.4	10	3.845	...	...	S 60 W 1.38	4.54	
1851	69.2	-2.3	79.2	37.0	42.2	11	2.605	...	...	S 2 W 1.26	4.52	
1852	60.8	-0.7	80.1	37.2	48.9	10	3.160	...	...	S 76 W 1.49	4.09	
1853	65.5	+2.0	89.5	39.2	50.3	9	1.550	...	...	N 1 W 0.10	3.73	
1854	64.1	+4.0	92.5	35.2	57.3	9	1.460	...	...	N 24 E 0.71	4.15	
1855	69.9	-1.0	91.5	36.2	55.3	17	4.070	...	...	N 69 W 1.33	6.70	
1856	62.1	+0.6	89.2	42.0	47.2	13	3.200	...	...	S 21 W 0.90	6.30	
1857	56.9	+4.0	76.0	35.0	41.0	21	5.060	...	...	N 40 W 1.15	7.60	
1858	68.2	+3.7	90.2	42.5	47.7	12	2.943	...	...	S 20 E 0.25	5.33	
1859	68.3	+4.2	86.4	32.2	54.2	16	4.085	...	Imp.	N 77 W 1.95	7.59	
1860	63.2	+1.7	81.6	40.2	32.4	14	2.136	...	...	N 44 W 0.13	7.01	
1861	61.3	+0.2	87.8	41.6	46.2	13	2.829	...	...	N 39 W 2.29	0.11	
1862	60.5	-1.0	85.4	39.4	46.0	10	1.007	...	...	N 26 W 1.77	5.98	
1863	60.1	-1.4	84.8	37.4	47.4	13	1.662	...	...	N 50 W 2.28	5.24	
1864	63.0	+1.5	93.4	34.8	58.6	6	0.570	...	...	N 55 W 1.72	4.53	
1865	64.5	+1.3	90.2	43.0	47.2	7	2.005	...	...	S 30 W 0.60	4.06	
1866	60.2	-1.3	90.5	40.0	50.5	15	2.720	...	...	S 15 W 0.71	5.09	
1867	64.3	+2.8	88.6	44.0	44.6	8	0.885	...	...	S 84 E 0.48	4.13	
1868	62.0	+0.5	84.2	38.0	46.2	11	2.217	...	...	N 16 E 0.85	5.26	
Results to 1867.	61.62		86.12	37.80	48.32	11.39	2.760	...	...	N 64 W 0.80	5.14	
Ex. for 1868.	+0.48		-1.92	+0.20	+2.12	0.39	0.543	...	...	+	+0.05	0.12

NOTE.—The monthly means do not include Sunday observations. The daily means, excepting those that relate to the wind, are derived from six observations, at 4 A.M., 8 A.M., 2 P.M., 4 P.M., 10 P.M., and midnight. The means and resultants for the wind are from hourly observations.

Highest Barometer 29.021 at 8 a.m. on 10th. } Monthly range =
 Lowest Barometer 29.274 at 10 p.m. on 19th. } 0.647 inches.
 Maximum temperature 84°2 on 18th } Monthly range = 40°2
 Minimum temperature 38°0 on 10th }
 Mean maximum temperature 70°00 } Mean daily range = 18°23
 Mean minimum temperature 52°42 }
 Greatest daily range 27°2 from a.m. to p.m. of 12th.
 Least daily range 10°0 from a.m. to p.m. of 21st.
 Warmest day 10th... Mean temperature 72°70 } Difference = 21°77.
 Coldest day 9th... Mean temperature 56°03 }
 Maximum { Solar 104°9 on 18th } Monthly range = 77°2
 Radiation { Terrestrial 26°8 on 10th }
 Aurora observed on 4 nights, viz.:—7th, 10th, 16th and 17th.
 Possible to see Aurora on 10 nights; impossible on 11 nights.
 Raining on 11 days; depth, 2.217 inches; duration of fall, 30.7 hours.
 Mean of cloudiness = 0.51. Most cloudy hour observed, 2 p.m.; mean, 0.60; least do., do.,
 10 p.m.; mean, 0.30.

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

North.	South.	East.	West.
1692.61	1076.25	1080.37	910.85

Resultant direction, N. 16° E.; resultant velocity, 0.85.
 Mean velocity, 5.26 miles per hour.
 Maximum velocity, 10.5 miles, from 7 to 8 p.m. of 6th.
 Most windy day, 20th; mean velocity, 9.48 miles per hour. } Difference, 0.90 miles.
 Least windy day, 30th; mean velocity, 2.49 miles per hour. }
 Most windy hour, 2 p.m.; mean velocity, 7.38 miles per hour. }
 Least windy hour, 4 a.m.; mean velocity, 3.37 miles per hour. } Difference, 4.01 miles.

6th. Thunder storm during afternoon, and again during night.
 11th. Solar halo. 15th. Thunder storm. 23rd. Thunder storm.
 28th. Lunar halo.
 Fog recorded on four occasions. Dew on ten mornings.
 8th. Ice 0.2 of an inch said to have been seen in Toronto this morning.