

REMARKS ON TORONTO METEOROLOGICAL REGISTER FOR JUNE, 1869.

NOTE.—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 6 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 29.982 at 8 a.m. on 9th. } Monthly range—
Lowest Barometer 29.074 at 2 p.m. on 14th. } 0.908.
Maximum temperature 81.4 on 29th. } Monthly range—
Minimum temperature 30.4 on 6th. } 45.0
Mean maximum temperature 67.37 } Mean daily range—
Mean minimum temperature 50.74 } 17.33
Greatest daily range 28.0 from a.m. to p.m. of 18th.
Least daily range 4.8 from a.m. to p.m. of 5th.
Warmest day 29th...Mean temperature . . . 67.910 } Difference—16.70.
Coldest day 7th...Mean temperature . . . 50.40 }
Maximum { Solar 97.90 on 22nd } Monthly range—71.98
Radiation { Terrestrial } 25.92 on 6th }
Aurora observed on 3 nights, viz.: 5th, 7th, and 11th.
Possible to see aurora on 11 nights; impossible on 10 nights.
Raining on 22 days; depth, 4.373 inches; duration of fall, 53.5 hours.
Mean of cloudiness—0.67.

Resultant direction, N. 80° W.; Resultant velocity, 1.77.

Mean velocity, 5.23 miles per hour.

Maximum velocity, 25.5 miles, from 3 to 4 p.m. of 6th.

Most windy day, 5th; mean velocity, 11.31 miles per hour.

Least windy day, 2nd; mean velocity, 0.47 miles per hour.

Most windy hour, 3 p.m.; mean velocity, 8.88 miles per hour.

Least windy hour, 6 p.m.; mean velocity, 2.70 miles per hour.

10th. Thunder storm.

27th. Thunder storm.

29th. Thunder storm.

6th. Hoar frost.

Fog recorded on 7 occasions. Dew on 10 mornings.

COMPARATIVE TABLE FOR JUNE.

YEAR.	TEMPERATURE.				RAIN.		SNOW.		WIND.	
	Mean.	Excess above Average.	Maximum.	Minimum.	No. of days.	Inches.	No. of days.	Inches.	Resultant direction.	Mean Velocity.
1841	65.0	+ 4.1	93.1	43.3	9	1.660	...	...	...	0.30 lbs
1842	66.6	+ 6.9	80.2	48.1	15	6.765	...	...	...	0.21
1843	68.4	+ 3.1	83.3	38.2	12	4.693	...	...	...	0.27
1844	69.9	— 0.6	83.3	33.2	11	3.565	...	...	...	0.19
1845	61.0	+ 0.6	84.0	38.6	11	3.715	...	...	...	0.27
1846	63.4	+ 1.8	81.2	39.1	11	1.920	...	...	...	0.32
1847	68.4	+ 3.1	77.8	30.7	14	2.625	...	...	...	0.30
1848	62.0	+ 1.4	92.0	37.4	8	1.810	...	...	N 61 W 1.90	4.51 m.
1849	63.2	+ 1.7	81.4	35.2	7	2.020	...	...	S 71 E 0.49	3.32
1850	64.3	+ 2.8	85.6	34.2	10	3.345	...	...	S 60 W 0.38	4.54
1851	63.2	+ 2.3	79.2	37.0	11	2.695	...	...	S 2 W 1.20	4.42
1852	60.8	— 0.7	80.1	37.2	10	3.160	...	...	S 70 W 1.40	4.00
1853	65.3	+ 4.0	80.5	39.2	9	1.660	...	...	N 1 W 0.16	3.73
1854	64.1	+ 2.6	91.5	36.2	9	1.460	...	...	N 24 E 0.71	4.16
1855	69.9	+ 1.5	91.5	36.2	17	4.070	...	...	N 69 W 1.33	6.70
1856	62.1	+ 0.5	80.2	42.0	41	3.200	...	...	S 21 W 0.90	6.30
1857	60.9	+ 4.6	70.0	35.0	21	6.060	...	...	N 49 W 1.16	7.60
1858	60.2	+ 4.7	90.2	42.6	12	2.043	...	...	S 20 E 0.23	5.53
1859	68.3	+ 3.2	86.4	32.2	16	4.083	...	...	N 77 E 1.93	7.19
1860	63.2	+ 1.7	81.0	49.2	14	2.138	...	...	N 44 W 3.18	7.61
1861	61.3	+ 0.2	87.8	41.0	46	2.329	...	...	S 30 W 2.29	6.11
1862	60.5	— 1.0	85.4	39.4	40	1.007	...	...	N 26 W 1.77	6.98
1863	60.1	+ 1.4	84.8	37.4	47	1.662	...	...	N 60 W 2.26	5.24
1864	63.0	+ 1.6	93.4	34.8	6	0.570	...	...	N 65 W 1.72	4.53
1865	64.5	+ 3.0	90.2	43.0	47	2.005	...	...	S 30 W 0.60	4.00
1866	60.2	+ 1.3	90.5	40.0	16	2.720	...	...	S 13 W 0.71	5.09
1867	64.3	+ 2.8	88.6	44.0	46	0.885	...	...	S 84 E 0.48	4.13
1868	62.0	+ 0.5	84.2	38.0	11	2.217	...	...	N 16 E 0.83	5.20
1869	68.4	+ 3.1	81.4	36.4	22	4.373	...	...	N 80 W 1.77	5.23
Results to 1862	61.53		86.27	37.85	11.3	2.741	...	...	N 61 W 0.77	5.16
Excess for 1867	—3.11		—4.87	—1.45	—3.42	10.621	...	...	+	0.08