

REMARKS ON TORONTO METEOROLOGICAL REGISTER FOR FEBRUARY, 1870

COMPARATIVE TABLE FOR FEBRUARY

YEAR	TEMPERATURE.				RAV.	SNOW.		WIND.	
	Mean.	Excess above Average.	Maxi. min.	Range		No. of days.	Inches.	Direction.	Mean Velocity.
1842	26.0	+ 2.9	50.2	23.9	8	5.62	0	...	1.03 lbs.
1843	14.6	- 8.5	38.6	- 0.4	1	0.475	21	...	1.08
1844	28.0	+ 3.0	47.9	0.5	4	0.43	9	...	0.93
1845	26.0	+ 3.0	49.1	4.2	5	0.49	10	...	0.99
1846	20.4	- 1.5	41.9	- 16.7	6	0.065	13	...	0.05
1847	21.5	- 2.5	40.9	- 10.7	2	0.550	15	...	0.09
1848	26.6	+ 3.0	46.6	0.0	0	0.776	8	...	0.69
1849	19.6	- 3.5	40.6	- 9.8	4	0.216	13	...	6.66 mm
1850	20.0	+ 3.0	40.6	2.2	7	1.225	0	...	7.61
1851	27.6	+ 4.0	50.2	2.0	4	2.608	4	...	6.94
1852	23.4	+ 0.4	41.2	- 6.2	3	0.650	11	...	6.42
1853	23.1	+ 1.1	43.1	- 1.4	4	1.03	15	...	7.20
1854	21.1	- 1.9	42.8	- 10.8	5	1.406	15	...	6.91
1855	15.4	- 7.3	37.8	- 25.4	2	1.771	14	...	8.17
1856	15.7	- 7.3	37.8	- 18.7	0	0.094	8	...	10.71
1857	28.5	+ 5.5	52.4	6.9	11	3.084	11	...	9.52
1858	17.0	- 6.0	42.4	- 7.3	1	0.46	16	...	9.12
1859	20.0	+ 3.0	46.2	2.1	6	0.467	14	...	8.60
1860	22.8	+ 3.1	46.0	- 8.1	7	1.53	13	...	8.73
1861	21.1	- 3.1	46.0	- 29.8	4	0.517	17	...	10.58
1862	22.5	- 0.5	37.8	- 5.2	3	0.181	27	...	8.52
1863	22.4	- 0.6	41.5	- 19.4	0	1.454	12	...	10.13
1864	24.3	+ 1.3	45.0	- 15.0	2	0.357	14	...	10.11
1865	22.4	- 0.6	42.2	- 10.6	2	0.810	11	...	8.23
1866	22.5	+ 5.5	45.0	- 8.0	3	0.830	12	...	9.40
1867	28.0	+ 5.0	44.0	- 0.2	8	1.328	13	...	8.85
1868	17.2	- 5.8	43.5	- 11.5	1	0.041	16	...	10.84
1869	23.6	+ 2.0	46.0	- 1.0	2	0.163	19	...	10.04
1870	21.5	- 1.5	40.6	- 6.6	2	0.524	18	...	8.10
Excess below	23.0		41.59	- 7.21	4	0.937	12.30	...	8.60
Ex for	- 1.48		- 3.09	+ 0.61	2	1.10	6.41	...	0.50

NOTE.—The monthly means do not include Sunday observations. The daily means, excepting those that rest: 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 results for the wind are from hourly observations.

Highest Barometer..... 30.175 at 8 a.m. on 4th. } Monthly range=
 Lowest Barometer..... 28.900 at 4 p.m. on 17th. } 1.275 inches.
 Maximum temperature..... 40° on 21st. } Monthly range=
 Minimum temperature..... -6° on 21st. } 47° 2
 Mean maximum temperature..... 28.902 } Mean daily range=
 Mean minimum temperature..... 14.74 } 13.28
 Greatest daily range..... 39° 2 from a.m. to p.m. of 21st.
 Least daily range..... 3° 6 from a.m. to p.m. of 20th.
 Warmest day..... 17th; mean temperature..... 21.963 } Difference=31° 91.
 Coldest day..... 21st; mean temperature..... 16° 2 on 21st. }
 Maximum of Solar..... 66° on 6th. } Monthly range=
 Radiation (Terrestrial)..... -16° 6 on 21st. } 72° 7.
 Aurora observed on 1 morning, viz., -12th.
 Possible to see Aurora on 10 nights; impossible on 18 nights.
 Snowing on 18 days; depth 20.1 inches; duration of fall, 90.3 hours.
 Raining on 2 days; depth, 0.529 inches; duration of fall, 9.7 hours.
 Mean of cloudiness=0.73.

WIND.

Resultant direction, N. 23° W.; resultant velocity, 2.84.
 Mean velocity, 8.10 miles per hour.
 Maximum velocity, 32.7 miles, from 7 to 8 a.m. of 27th.
 Most windy day, 12th; mean velocity, 20.92 miles per hour.
 Least windy day, 5th; mean velocity, 0.55 miles per hour.
 Most windy hour, 1 p.m.; mean velocity, 11.09 miles per hour.
 Least windy hour, 10 p.m.; mean velocity, 4.57 miles per hour.

Solar halos on 3rd, 4th, 7th, 12th, 19th, 21st and 26th. These of the 19th and 26th being very brilliant and accompanied by mock suns.
 Lunar halos on 5th, 7th and 16th.
 Fog on 6th, 7th, 14th, and 17th.
 12th, 5.40 a.m., brilliant auroral display, accompanied by a considerable magnetic disturbance.