

REMARKS ON TORONTO METEOROLOGICAL REGISTER FOR FEBRUARY, 1871.

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 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.

COMPARATIVE TABLE FOR FEBRUARY

YEAR.	TEMPERATURE.					RAIN.		SNOW.		WIND.		
	Mean.	Excess above average.	Max. num.	Min. num.	Range.	No. of days.	Inches.	No. of days.	Inches.	Resultant.	Mean Velocity.	
												Direction.
1843	14.6	-8.6	35.6	-6.4	47.9	1	0.475	21	14.4	°	...	1.05 Ds
1844	26.0	+3.0	47.9	-0.6	47.3	4	0.436	7	10.0	...	...	0.43
1845	26.0	+3.0	49.1	-4.2	53.3	5	Imp.	9	19.0	...	...	0.90
1846	20.4	-2.6	41.9	-16.7	58.6	0	0.000	13	46.1	...	...	0.65
1847	21.6	-1.6	40.9	-0.6	40.9	2	0.650	13	27.3	...	...	0.69
1848	26.6	+3.0	46.6	-0.6	46.6	4	0.776	8	10.8	N 55 W	2.53	6.69mls
1849	19.6	-3.6	40.6	-9.8	50.4	2	0.240	13	19.2	N 41 W	1.48	6.68
1850	26.0	+3.0	49.6	-2.2	47.4	7	1.233	9	23.1	N 80 W	3.48	7.01
1851	27.6	+4.6	50.2	-2.0	48.2	7	2.600	4	2.4	N 64 W	1.99	6.94
1852	23.4	+0.4	41.2	-6.2	47.4	3	0.650	11	13.0	N 75 W	3.34	7.32
1853	24.1	+1.1	43.4	-1.4	44.8	5	1.030	16	12.6	N 49 W	2.61	6.40
1854	21.1	-1.9	42.8	-10.8	53.6	6	1.460	15	18.0	N 7 E	1.75	6.91
1855	16.4	-7.6	39.0	-25.4	64.4	2	1.776	14	21.8	N 40 W	4.34	8.17
1856	16.7	-7.3	37.8	-18.7	56.6	0	0.000	8	9.7	N 81 W	7.10	10.71
1857	28.6	+6.6	52.4	-6.9	59.3	11	3.060	11	11.7	N 78 W	3.68	9.82
1858	17.0	-0.6	42.4	-7.3	49.7	1	Imp.	16	26.7	N 72 W	3.22	9.12
1859	26.0	+3.0	46.2	-2.1	44.1	0	0.453	14	8.3	N 64 W	2.72	8.60
1860	22.6	-0.2	50.2	-8.6	58.7	7	1.330	13	18.8	N 61 W	3.28	8.73
1861	26.1	+3.1	46.0	-20.8	66.8	4	0.816	17	29.7	N 77 W	3.86	10.58
1862	22.6	-0.6	37.8	-6.2	43.0	3	0.180	17	23.1	N 65 W	3.43	8.62
1863	22.4	-0.6	41.5	-19.8	61.3	7	1.450	12	22.0	N 23 W	2.27	10.13
1864	24.3	+1.3	45.0	-16.0	60.0	2	0.397	14	9.6	N 84 W	6.48	10.11
1865	22.4	-0.6	42.2	-10.0	62.2	6	0.810	11	16.8	N 23 W	3.93	8.23
1866	22.6	-0.5	45.0	-8.0	53.0	3	0.830	12	16.9	N 80 W	6.14	9.40
1867	28.0	+6.0	44.0	-0.2	43.8	8	1.322	13	13.4	N 57 W	1.68	8.85
1868	17.2	-6.6	45.0	-11.6	60.6	1	0.046	16	32.8	N 63 W	3.23	10.84
1869	25.0	+2.0	46.0	-1.0	47.0	2	0.165	19	39.7	N 34 W	4.18	10.04
1870	21.6	-1.6	40.6	-6.6	47.2	2	0.520	18	29.1	N 20 W	2.84	8.10
1871	24.3	+1.3	48.0	-15.8	63.8	3	0.040	15	23.0	N 70 W	4.26	9.87
Resultant for 1870	22.97	...	44.06	-7.68	51.74	4.03	0.923	12.48	19.17	N 66 W	3.09	8.68
Excess for 71	1.36	...	3.94	8.12	12.04	1.03	0.883	2.62	3.63	...	...	+1.29

Highest Barometer 30.119 at 8 a.m. on 22nd } Monthly range=1.440 inches.
Lowest Barometer 28.673 at 6 a.m. on 18th }

Maximum Temperature 48.0 on 9th } Monthly range=6.58
Minimum Temperature -16.8 on 5th }
Mean Maximum Temperature 30.36 } Mean daily range=13.33
Mean Minimum Temperature 17.03 }
Greatest daily range 38.1 from midnight of 3rd to midnight of 4th.
Least daily range 3.2 from a.m. to p.m. of 27th.

Warmest Day 24th ... Mean Temperature 42.20 } Difference=46.60
Coldest Day 5th ... Mean Temperature -7.20 }

Maximum { Solar 57.94 on 25th } Monthly range=70.0
Radiation. { Terrestrial -10.52 on 5th }

Aurora observed on 4 nights, viz., 11th, 16th, 21st, and 24th.

Possible to see Aurora on 12 nights; impossible on 16 nights.

Snowing on 16 days; depth 23.0 inches; duration of fall 69.1 hours.

Raining on 3 days; depth 0.040 inches; duration of fall 6.7 hours.

A mean of Cloudiness=0.71.

WIND.

Resultant Direction N. 70° W.; Resultant Velocity 4.26.

Mean Velocity 0.87 miles per hour.

Maximum Velocity 41.5 miles, from 10 to 11 p.m. of 3rd.

Most Windy day 3rd; Mean Velocity 23.70 miles per hour.

Least Windy day 8th; Mean Velocity 2.19 miles per hour.

Most Windy hour 2 p.m.; Mean Velocity 13.25 miles per hour.

Least Windy hour 3 a.m.; Mean Velocity 7.45 miles per hour.

Solar haloes on 16th, 20th, 22nd and 28th.

Lunar haloes 4th, 6th, 23th and 28th.

Crows active 28th.