

REMARKS ON TORONTO METEOROLOGICAL REGISTER FOR FEBRUARY, 1876.

COMPARATIVE TABLE FOR FEBRUARY.

YEAR.	TEMPERATURE.				RAIN.			SNOW.			WIND.	
	Mean	Excess above Average.	Maxim. num.	Minim. num.	Range.	No. of Days.	Inches.	No. of Days.	Inches.	Resultant.	Direction.	Velocity.
1847	29.6	-1.4	40.9	0.0	40.0	2	0.550	13	27.3	0	...	0.69 lbs.
1848	26.6	+3.7	46.6	0.0	46.6	4	0.775	8	10.6	N 65 W	2.53	5.69 mls.
1849	19.5	+3.4	40.6	-9.8	50.4	2	0.240	13	19.2	N 41 W	1.48	6.58
1850	23.0	+3.1	49.6	-2.2	47.4	7	1.236	9	23.1	N 81 W	3.48	7.61
1851	27.6	+4.7	50.2	2.0	48.2	7	2.600	4	2.4	N 61 W	1.99	6.94
1852	23.4	+0.5	41.2	6.2	47.4	3	0.660	11	13.9	N 75 W	3.34	6.42
1853	24.1	+1.2	43.8	-10.8	53.6	5	1.030	15	12.6	N 49 W	2.51	7.30
1854	15.4	-7.6	39.0	-25.4	64.4	2	1.770	14	1.8	N 7	2.73	6.91
1855	15.4	-7.2	37.8	-18.7	56.5	0	0.000	8	9.7	N 81 W	7.0	10.71
1856	16.7	+5.6	32.4	-5.9	58.3	11	3.050	11	11.7	N 78 W	3.68	9.82
1857	28.5	+5.9	42.4	7.3	49.7	1	Leap	16	26.7	N 72 W	3.22	9.12
1858	17.0	+3.1	46.2	2.1	44.1	6	0.465	14	8.3	N 54 W	2.72	8.50
1859	26.0	+3.1	50.2	-8.5	58.7	7	1.330	13	18.8	N 61 W	3.23	8.73
1860	22.8	+3.2	46.0	-20.8	66.8	4	0.815	17	29.7	N 77 W	3.86	10.58
1861	28.1	-0.4	37.8	5.2	43.0	3	0.180	17	23.1	N 65 W	3.93	8.62
1862	22.5	-0.6	41.6	-19.8	61.3	7	1.455	12	22.6	N 23 W	2.27	10.13
1863	22.4	+1.4	45.0	15.0	60.0	2	0.397	14	9.9	N 84 W	6.46	10.11
1864	24.3	-0.6	42.2	-10.0	52.2	5	0.810	11	16.8	N 23 W	3.95	8.23
1865	22.4	-0.4	45.0	8.0	53.0	3	0.830	12	16.9	N 80 W	5.14	9.40
1866	22.6	+6.0	44.0	-11.5	56.5	8	1.328	13	13.4	N 67 W	3.23	10.84
1867	28.9	+2.1	45.0	-1.0	47.0	2	0.040	16	32.8	N 69 W	3.20	8.10
1868	17.2	-1.4	40.6	-6.6	47.2	2	0.165	19	30.7	N 34 W	4.18	10.04
1869	25.0	+1.4	48.0	-15.8	63.8	3	0.040	18	22.0	N 70 W	4.26	9.87
1870	21.5	+2.2	45.2	-3.6	48.8	6	0.350	9	7.3	N 61 W	3.32	8.93
1871	24.3	-1.4	43.0	-10.5	53.5	0	0.000	11	10.4	N 68 W	4.29	10.21
1872	20.7	-0.1	42.0	0.4	41.6	6	1.154	15	19.1	N 24 W	2.46	8.12
1873	21.6	-0.1	42.0	-16.0	63.6	5	0.470	9	9.1	N 85 W	6.57	9.91
1874	22.6	-12.7	47.0	-7.68	51.77	3.97	0.856	12.49	18.63	N 65 W	3.14	8.68
1875	10.2	...	44.06	...	...	...	...	...	...	...	...	...
Rec'ds to 1874	22.90	+3.51	...	...	...	...	...	...	...	...	...	...
Excess for 1875	12.74	...	...	...	...	...	...	...	...	...	...	...

NOTE.—The monthly means of Barometer and Temperature 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..... 30.194 at 10 p.m. on 6th } Monthly range  
 Lowest Barometer..... 28.916 at 2 p.m. on 3rd } 1.278.  
 { Maximum temperature..... 47°36 on 24th } Monthly range  
 { Minimum temperature..... } 63°6.  
 { Mean maximum temperature..... 18°17 } Mean daily range  
 { Mean minimum temperature..... } 0°65.  
 { Greatest daily range..... } 46°0 from a.m. to p.m. of 22nd.  
 { Least daily range..... } 6°0 from a.m. to p.m. of 4th.  
 Warmest day..... 24th; mean temperature..... 31°68 } Differences = 42°40.  
 Coldest day..... 9th; mean temperature..... -7°72 }  
 Maximum { Solar..... } 124°0 on 21st } Monthly range  
 Radiation { Terrestrial..... } 32°0 on 13th } 156°0.

Aurora observed on 2 nights, viz., 26th and 28th.  
 Possible to see Aurora on 19 nights; impossible on 9 nights.  
 Raining on 5 days; depth, 0.470 inches; duration of fall, 30.1 hours.  
 Snowing on 9 days; depth, 9.1 inches; duration of fall, 49.0 hours.  
 Mean of cloudiness, 0.59.

WIND.  
 Resultant direction, S. 88° W.; resultant velocity, 0.67 miles.  
 Mean velocity, 9.91 miles per hour.  
 Maximum velocity, 31.5 miles, from noon to 1 p.m. of 17th.  
 Most windy day, 4th; mean velocity, 22.72 miles per hour.  
 Least windy day, 19th; mean velocity, 2.56 miles per hour.  
 Most windy hour, 4 p.m.; mean velocity, 13.63 miles per hour.  
 Least windy hour, 7 a.m.; mean velocity, 7.40 miles per hour.

Fog on 22nd. Solar haloes on 13th, 18th and 19th. Lunar haloes on 15th, 18th and 22nd.  
 It will be seen from the comparative table that this month is the coldest February ever recorded in Toronto, and it is also the lowest monthly temperature recorded—the lowest previously being January, 1857, which was 12°75. From the 4th to the 18th inclusive of the present month, the daily minimum temperature never rose above zero.