

REMARKS ON TORONTO METEOROLOGICAL REGISTER FOR FEBRUARY, 1876.

NOTE.—The monthly means of the 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 results of the wind are from hourly observations.

Highest Barometer.....30.350 to 8 a.m. on 5th. } Monthly range
 Lowest Barometer.....28.863 at 10 p.m. on 1st. } 1.487.
 { Maximum temperature.....44° on 11th. } Monthly range
 { Minimum temperature..... } 48° on 5th. }
 { Mean maximum temperature..... } 50°17' } Mean Daily range
 { Mean minimum temperature..... } 16°07' } 14°10.
 { Greatest daily range..... } 52° from a.m. of 1st to a.m. of 2nd.
 { Least daily range..... } 42°3' from a.m. to p.m. of 26th.
 Warmest day..... 11th; mean temperature.....39°00' } Difference=37°18.
 Coldest day..... 2nd; mean temperature..... 19°22' }
 Maximum of Solar..... }
 Radiation { Terrestrial..... } 129°8 on 29th. } Monthly range
 }..... } 144°8.
 Aurora observed on 2 nights, viz., 18th and 19th.
 Possible to see Aurora on 11 nights; impossible on 18 nights.
 Raining on 7 days; depth, 2.300 inches; duration of fall, 43.5 hours.
 Snowing on 15 days; depth, 20.1 inches; duration of fall, 87.1 hours.
 Mean of cloudiness, 0.73.

WIND.

Resultant direction, N. 63° W.; resultant velocity, 8.71 miles.
 Mean velocity, 12.45 miles per hour.
 Maximum velocity, 39.0 miles, from 11.30 p.m. of 21st to 0.30 a.m. of 22nd.
 Most windy day, 18th; mean velocity, 25.19 miles per hour.
 Least windy day, 8th; mean velocity, 4.15 miles per hour.
 Most windy hour, noon; mean velocity, 15.34 miles per hour.
 Least windy hour, 8 p.m.; mean velocity, 10.65 miles per hour.

Fog on 8th.

Thunder storms on 10th and 14th.
 Solar halos on 8th and 23rd.
 Lunar halos on 2nd, 7th, 8th, and 19th.

COMPARATIVE TABLE FOR FEBRUARY.

YEAR.	TEMPERATURE.				RAIN.		SNOW.		WIND.		
	Mean.	Excess above Average.	Maxi. num.	Mini. num.	Range.	No. of days.	Inches.	No. of days.	Inches.	Resultant.	
										Direc- tion.	Velo- city.
1848	28.6	+ 4.0	46.6	0.0	0.6	4	0.775	8	10.8	N 65 W	2.53
1849	19.5	+ 3.1	40.6	- 9.8	50.4	2	0.240	13	19.2	N 41 W	1.48
1850	26.0	+ 3.4	49.6	2.2	47.4	7	1.235	9	23.1	N 80 W	3.48
1851	27.6	+ 5.0	50.2	2.0	48.2	4	2.600	4	2.4	N 64 W	1.99
1852	23.4	+ 0.8	41.2	- 6.2	47.4	3	0.650	11	13.0	S 75 W	3.34
1853	24.1	+ 1.5	43.4	- 1.4	44.8	4	1.030	15	12.6	N 49 W	2.51
1854	21.1	- 1.5	42.8	- 10.8	53.6	5	1.460	15	18.0	N 7 E	1.73
1855	15.4	- 7.2	39.0	- 26.4	64.4	2	1.770	14	21.8	N 40 W	4.34
1856	15.7	- 6.9	37.8	- 18.7	66.5	0	0.000	8	9.7	N 81 W	7.70
1857	28.5	+ 5.9	52.4	- 5.9	58.3	11	3.050	11	11.7	N 78 W	3.68
1858	17.0	- 5.6	42.4	- 7.3	49.7	1	1.000	16	26.7	N 72 W	3.22
1859	26.0	- 3.4	46.2	2.1	44.1	6	0.435	14	8.3	N 54 W	2.72
1860	22.8	+ 0.2	50.2	- 8.5	58.7	7	1.330	13	18.8	N 61 W	3.28
1861	26.1	+ 3.5	46.0	- 20.8	66.8	4	0.815	17	29.7	N 77 W	3.86
1862	22.5	- 0.1	37.8	- 5.2	43.0	3	0.180	17	23.1	N 55 W	3.93
1863	22.4	- 0.2	41.5	- 19.8	61.3	7	1.450	12	22.0	N 23 W	2.27
1864	24.3	+ 1.7	45.0	- 15.0	60.0	2	0.397	14	9.5	N 84 W	6.48
1865	22.4	- 0.2	42.2	- 10.0	52.2	5	0.810	11	16.8	N 23 W	3.95
1866	22.5	- 0.1	45.0	- 8.0	53.0	3	0.830	12	16.9	N 80 W	5.14
1867	28.9	+ 6.3	44.0	- 0.2	43.8	8	1.328	13	13.4	N 67 W	1.68
1868	21.9	- 6.4	45.0	- 11.5	56.5	1	0.040	16	32.8	N 69 W	3.23
1869	25.0	+ 2.4	46.0	- 1.0	47.0	2	0.165	19	39.7	N 34 W	4.18
1870	21.5	+ 1.1	40.6	- 6.6	47.2	0	0.620	18	20.1	N 29 W	2.84
1871	24.3	+ 1.7	48.0	- 15.8	63.8	3	0.040	15	23.0	N 70 W	4.26
1872	20.7	- 1.9	45.2	- 3.6	48.8	5	0.350	9	7.3	N 61 W	3.32
1873	21.5	- 1.1	43.0	- 10.6	53.5	0	0.000	11	10.4	N 68 W	4.29
1874	22.8	+ 0.2	42.0	- 0.4	41.6	5	0.470	9	9.1	N 24 W	2.46
1875	10.2	- 12.4	47.6	- 16.0	63.6	5	0.470	9	9.1	N 88 W	6.67
1876	23.8	+ 1.2	44.1	- 3.9	48.0	7	2.800	15	20.1	N 63 W	3.71
Results to 1875	22.55	.....	44.33	- 8.25	52.58	4.00	0.848	12.39	18.36	N 67 W	3.24
Excess for 1876	1.21	.....	0.23	4.85	4.58	3.00	1.452	2.61	1.74	.....	3.72