

REMARKS ON TORONTO METEOROLOGICAL REGISTER FOR JANUARY, 1865.

COMPARATIVE TABLE FOR JANUARY.

YEAR.	TEMPERATURE.			RAIN.		SNOW.		WIND.			
	Mean.	Maximum Above Average (°F.)	Minimum Observed.	Range.	Inches.	No. of days.	Inches.	No. of days.	Resultant Direction & Velocity.	Mean Force or Velocity.	
1840	27.6	+ 6.6	-13.5	51.4	4	1	3.95	11	...	...	0.36 lbs
1841	25.6	+ 2.0	-4.1	41.7	4	2	1.90	14	...	...	0.78 "
1842	27.9	+ 4.3	-1.3	44.5	5	2	1.70	9	...	...	0.69 "
1843	28.7	+ 5.1	-1.5	52.9	6	4	2.95	12	...	...	0.70 "
1844	20.2	+ 3.4	-4.4	52.3	7	3	3.06	11	...	...	0.70 "
1845	26.5	+ 2.9	-3.4	46.4	5	1	Imp.	9	...	...	0.55 "
1846	26.7	+ 3.1	-4.2	49.3	5	2	3.35	10	...	...	0.55 "
1847	23.3	+ 0.3	-4.6	44.8	7	2	1.35	7	...	...	0.55 "
1848	28.7	+ 5.1	-1.5	52.9	6	4	2.95	12	...	...	0.70 "
1849	18.5	+ 6.1	-4.6	35.7	5	1	1.74	10	...	...	0.55 "
1850	29.7	+ 1.9	-4.2	49.3	5	1	1.25	8	...	...	0.55 "
1851	25.5	+ 0.6	-4.0	45.2	7	2	2.15	8	...	...	0.55 "
1852	13.4	+ 1.9	-4.2	36.0	4	4	1.27	10	...	...	0.55 "
1853	23.6	+ 0.6	-4.0	49.3	5	1	1.27	8	...	...	0.55 "
1854	23.6	+ 0.6	-4.0	49.3	5	1	1.27	8	...	...	0.55 "
1855	25.9	+ 2.3	-4.3	49.5	7	1	2.70	11	...	...	0.55 "
1856	16.0	+ 2.3	-4.7	52.0	5	0	0.23	13	...	...	0.55 "
1857	12.8	+ 7.6	-12.1	46.2	3	0	0.00	14	...	...	0.55 "
1858	30.0	+ 10.8	-20.1	51.7	3	0	Imp.	16	...	...	0.55 "
1859	26.4	+ 6.4	-4.5	38.3	6	1	1.52	11	...	...	0.55 "
1860	23.4	+ 2.2	-4.5	45.8	6	1	4.49	9	...	...	0.55 "
1861	19.9	+ 3.7	-3.1	50.5	6	0	7.49	16	...	...	0.55 "
1862	21.7	+ 1.9	-4.2	44.7	5	4	0.65	23	...	...	0.55 "
1863	28.1	+ 4.5	-1.1	55.8	10	1	1.22	17	...	...	0.55 "
1864	22.8	+ 0.8	-6.6	49.1	5	1	1.65	14	...	...	0.55 "
1865	17.7	+ 3.9	-6.2	41.8	1	0	0.40	18	...	...	0.55 "
Results to 1864.	23.61	...	-6.52	49.38	4.6	1	1.331	12.0	...	...	8.02
Exc. for 1865.	-5.86	...	-7.28	+0.32	-7.58	3.8	0.891	5.4	...	...	+1.37

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., 8 P.M., and midnight. The monthly means for the wind are from hourly observations.

Highest Barometer . . . . . 30.191 at 10 30 a.m. on 30th } Monthly range =  
 Lowest Barometer . . . . . 29.114 at 6 a.m. on 11th } 1.077 inches.  
 Maximum temperature . . . . . 37.52 on p.m. of 5th } Monthly range =  
 Minimum temperature . . . . . -9.70 on a.m. of 15th. } 46.52  
 Mean maximum temperature . . . . . 27.0 } Mean daily range = 14.52  
 Mean minimum temperature . . . . . 10.6 }  
 Greatest daily range . . . . . 31.4 from a.m. to p.m. of 5th.  
 Least daily range . . . . . 2.4 from a.m. to p.m. of 26th.  
 Warmest day . . . . . 5th. Mean Temperature . . . . . 32.55 }  
 Coldest day . . . . . 17th. Mean Temperature . . . . . 17.7 } Difference = 30.78  
 Maximum Solar (Vacuum) . . . . . 93.9 on 24th }  
 Radiation Terrestrial . . . . . 18.52 on 18th } Monthly range =  
 Aurora observed on 3 nights, viz.—on 17th, 19th, and 20th. }  
 Possible to see Aurora on 15 nights; impossible on 18 nights. }  
 Showing on 18 days; depth 14.5 inches; duration of fall, 66.8 hours. }  
 Raining on 1 day; depth 0.440 inches; duration of fall, 10.6 hours. }  
 Mean of cloudiness = 0.70; below average. } Most cloudy hour observed, 2 p.m. }  
 mean = 0.79; least cloudy hour observed, 10 p.m.; mean = 0.62. }  
 Sums of the components of the Atmospheric Current, expressed in Miles.  
 North. South. East. West.  
 2221.06 1906.66 651.63 4206.33  
 Resultant direction, N. 85° W.; Resultant Velocity, 4.50 miles per hour.  
 Mean velocity 2.39 miles per hour.  
 Maximum velocity 25.0 miles, from 1 to 2 p.m. on 24th.  
 Most windy day 24th—Mean velocity 18.13 miles per hour.  
 Least windy day 13th—Mean velocity 3.99 miles per hour. } Difference 14.14  
 Most windy hour, 1 to 2 p.m.—Mean velocity, 11.72 miles per hour. }  
 Least windy hour, mid 30 1 a.m.—Mean velocity, 7.57 miles per hour. } 4.15 miles.  
 4th. Lunar halo from 7.30 p.m.  
 7th. Col. windy day.  
 10th. Heavy snow storm; stormy day.  
 12th. Lunar halo from 10 p.m.  
 13th. Solar halo at noon.  
 17th. Very cold day; auroral light from 7 p.m.  
 19th. Auroral light 10 p.m. and midnight.  
 22nd. Rain, sleet, and snow most of the day; foggy and damp 9 p.m.  
 29th. Auroral light and arch from 8 p.m. }  
 30th. Foggy at 8 a.m.

The month of January, 1865, was very cold and dry, and comparatively mild.