

REMARKS ON TORONTO METEOROLOGICAL REGISTER FOR APRIL, 1887.

Highest Barometer 30.008 at 10 p. m. on 2nd } Monthly range =
 Lowest Barometer 29.898 at 9.20 a. m. on 16th } 1.108 inches.
 Mean maximum temperature 52° on p. m. of 25th } Monthly range =
 Minimum temperature 15.9 on a. m. of 2nd } 46° 1
 Mean minimum temperature 43° 36' } Mean daily range = 16° 12
 Mean maximum temperature 27° 24' }
 Greatest daily range 32° 5' from a. m. of 1st to a. m. of 2nd.
 Least daily range 9.0 from p. m. of 15th to a. m. of 16th.
 Warmest day 4th ... Mean Temperature 43° 40' } Difference = 23° 05.
 Coldest day 2nd ... Mean Temperature 20.35 }
 Maximum { Solar 69° 0 on p. m. of 29th } Monthly range =
 Radiation { Terrestrial 4.9 on a. m. of 2nd } 73° 0
 Aurora observed on 1 night, viz.: 28nd at 10 p.m.; possible to see Aurora on 17 nights;
 impossible to see Aurora on 13 nights.
 Snowing on 11 days; depth, 12.9 inches; duration of fall, 41.9 hours.
 Raining on 10 days; depth, 1.755 inches; duration of fall, 39.6 hours.
 Mean of cloudiness = 0.54; most cloudy hour observed, 2 p. m., mean = 0.67; least
 cloudy hour observed, 10 p. m.; mean = 0.42.

Sums of the components of the Atmospheric Current, expressed in Miles.

North.	South.	East.	West.
3090.40	1691.83	1087.08	3676.85
Resultant direction of the wind, N 60° W; Resultant Velocity, 4.15 miles per hour.			
Mean velocity of the wind 10.24 miles per hour.			
Maximum velocity 33.5 miles per hour, from 9 to 10 p. m. of 27th.			
Most windy day 1st—Mean velocity, 23.03 miles per hour.			
Least windy day 9th—Mean velocity, 3.88 do			
Most windy hour noon to 1 p. m.—Mean velocity, 13.30 do } Difference			
Least windy hour 4 to 5 a. m.—Mean velocity, 7.30 do } 6.00 miles.			
Solar Halos on 8rd from 3 to 3 p. m. (perfect) 4th 7 to 8 a. m. 10th Halo & Par-			
helia 630 to 7.30 a. m. and on 23rd, 10 a. m. to noon.			
Lunar Halos on 7th from 8 to 10 a. m. (large and perfect) 8th, 11 p. m. 9th at			
midnight (perfect).			
1st—Very stormy day, with occasional Rain and Snow.			
12th—Foggy at 8 a. m. on 14th 6 and 8 a. m.			
14th—Distant Thunder at 3.50 p. m.			
28th—Thin Ice on the pools at 5.30 a. m.			
29th and 30th—Hoar frost at 6 a. m.			

Temperature—This month was the coldest April that has occurred during the last 18 years being 5° 7' below the average. It shows also the lowest maximum temperature, and with one exception, the lowest minimum temperature during the same period.

Rain and Snow—The quantity of rain was small, being 0.783 inches below the average; but it was more than compensated by the great depth of snow that fell which was 10.29 inches above the average or about five times the usual depth. The total moisture was thus 2.46 inches above the mean.

Wind—This was the most windy April on the records of the observatory, the velocity of the wind being 3.17 miles above the average of ten years.

The Resultant Direction and Velocity from 1848 to 1887 inclusive for the month of April were N. 19° W. 1.38 miles per hour.

COMPARATIVE TABLE FOR APRIL.

YEAR	TEMPERATURE.				RAIN.		SNOW.		WIND.	
	Mean.	Difference from Average.	Maximum observed.	Minimum observed.	Range.	Inches.	No. of days.	Inches.	No. of days.	Resultant Direction.
1840	42.4	+ 1.3	65.9	23.3	40.6	3.420	14	3.420	2	—
1841	39.2	— 1.9	63.9	22.1	40.8	3.370	8	1.370	3	—
1842	43.1	+ 2.0	69.5	21.6	67.9	3.740	3	...	...	0.61 lbs
1843	40.9	— 0.2	70.0	15.1	54.9	3.186	3	0.1	...	0.57 "
1844	47.6	+ 6.4	74.5	17.2	57.3	1.512	1	Inapp	...	0.43 "
1845	42.1	+ 1.0	66.0	14.8	51.2	3.291	4	1.5	...	0.24 "
1846	41.0	+ 2.9	79.4	24.4	55.0	1.300	2	1.3	...	1.00 "
1847	39.3	— 1.3	65.6	8.4	57.2	2.876	2	4.0	...	0.53 "
1848	41.3	+ 0.2	65.4	26.5	31.9	1.452	1	0.5	N 77 W	1.46 189 miles
1849	39.0	— 2.1	70.9	23.2	47.7	2.652	2	1.7	N 43 W	1.14 7.50 "
1850	37.9	— 3.2	68.2	18.2	45.0	4.721	2	1.1	N 34 W	1.12 7.64 "
1851	41.3	+ 0.2	59.2	23.5	33.4	2.292	3	1.2	N 14 E	2.52 3.07 "
1852	38.2	— 2.9	53.8	19.8	31.0	1.894	4	9.4	N 33 E	2.44 1.68 "
1853	41.9	+ 0.8	63.7	27.0	38.7	2.622	1	1.0	N 12 W	1.90 1.20 "
1854	41.0	— 0.1	63.1	22.3	42.8	2.682	4	2.7	N 63 E	2.44 1.82 "
1855	42.4	+ 1.3	63.8	12.2	51.6	2.081	3	1.6	N 36 W	1.99 7.57 "
1856	43.3	+ 1.2	69.8	15.1	54.7	2.781	3	0.1	N 29 E	1.64 1.05 "
1857	35.4	— 5.7	51.9	10.0	41.9	1.751	10	12.9	N 60 W	1.15 10.24 "
Mean	41.06	...	66.81	19.36	47.42	2.581	3.1	2.61	—	7.07