

REMARKS ON TORONTO METEOROLOGICAL REGISTER FOR NOVEMBER.

Highest Barometer 30.131, at 8 A. M. on 9th } Monthly range: = 1.148 in.
 Lowest Barometer 28.983, at 6 A. M. on 28th }
 Highest registered temperature, 59° 2 at P. M. on 15th } Monthly range: = 43° 7.
 Lowest registered temperature, 15° 5 at A. M. on 29th }
 Mean maximum Thermometer, 45° 60 } Mean daily range: = 16° 76.
 Mean minimum Thermometer, 28.74 }
 Greatest daily range 26° 5 from P. M. of 25th to A. M. of 20th.
 Least daily range ... 7° 6 from P. M. of 30th to A. M. of 1st December.
 Warmest day, ... 12th. Mean temperature: = 59° 13 } Difference: 25° 33.
 Coldest day, ... 29th. Mean temperature: = 24° 89 }
 Greatest intensity of Solar radiation = 67° 0 on P. M. of 14th.
 Lowest point of Terrestrial radiation = 12° 0 on A. M. of 26th.

Aurora observed on 5 nights, viz., 3d, 5th, 12th, 16th and 18th.
 Possible to see Aurora on 10 nights.
 Impossible to see Aurora on 11 nights.

Raining on 8 days, raining 57.2 hours, depth 4.590 inches.
 Snowing on 6 days, snowing 11.6 hours, depth 3.0 inches.
 No thunder or lightning recorded this month.
 Mean of Cloudiness, 0.00.

Monthly range 55° 0

SUM OF THE ATMOSPHERIC CURRENT, IN MILES RESOLVED INTO THE FOUR CARDINAL DIRECTIONS.

North.	West.	South.	East.
2376.86	4069.65	1454.73	1911.88

Mean direction of the wind W 24 N.
 Mean velocity of the wind 10.81 miles per hour.
 Maximum velocity 36.5 miles per hour from 9.39 to 10.20 P. M. on 21st.
 Most windy day 23d, mean velocity: 23.21 miles per hour.
 Least windy day 14th, mean velocity: 3.15
 Most windy hour 2 to 3 P. M., mean velocity: 13.11 per hour
 Least windy hour 2 to 3 A. M., mean velocity: 8.62
 Mean diurnal variation 4.49 miles.

The mean temperature of November 1855 was 1° 8 above the average of the 19
 16 years, and the depth of rain that fell 1.564 inches above the mean.

The mean velocity of the wind was 4.56 miles per hour above the average of the
 last 8 years, and is the greatest for any month yet recorded in the observa-
 tory.

In looking out for the periodic display of meteors, from the 11th to the 14th,
 about 30 were observed on the 12th, between 10h and 15h; and 17 on the
 13th between 6h and 14h. At 14h 40m of the 12th a brilliant meteor 3' in
 diameter appeared in the west at a point 45° above the horizon, from
 whence it descended vertically. Its course was marked by a belt of light,
 3' in diameter, whose color changed from deep red to green and white,
 and which lasted 10s with undiminished splendor; the luminous path con-
 tinued visible at least 1m 30s.

YEAR.	TEMPERATURE.				RAIN.		SNOW.		WIND.	
	Mean.	Diff. from aver.	Max. obs'd.	Min. obs'd.	Range.	Inches.	Days.	Inches.	Mean Division.	Mean force or Velocity.
	°									
1810	35.9	-0.9	54.4	20.5	33.9	5	1.220	8	.....	6.91 lb.
1811	35.0	-1.8	63.2	7.6	55.6	8	2.450	5	.....	1.22 "
1812	33.3	-3.5	50.6	7.6	43.0	9	5.310	10	.....	0.73 "
1813	33.5	-3.3	51.2	14.4	36.8	10	4.765	7	.....	0.48 "
1814	34.9	-1.9	49.8	12.0	37.8	8	imp't.	4	.....	0.53 "
1815	36.8	0.0	58.8	7.6	51.2	7	1.705	4	.....	0.64 "
1816	41.3	+4.5	55.5	8.2	37.3	12	5.805	2	.....	0.36 "
1817	38.6	+1.8	58.2	7.8	50.4	11	3.135	3	.....	0.36 "
1818	34.5	-2.3	49.3	16.5	32.8	9	2.920	3	.....	1.81 miles
1819	42.6	+5.8	56.7	28.4	28.3	10	2.815	2	.....	4.78 "
1820	38.8	+2.0	62.3	18.1	44.2	7	2.955	1	.....	5.27 "
1821	32.9	-3.9	50.1	16.5	33.6	5	3.885	6	.....	4.70 "
1822	36.0	-0.8	50.1	18.7	31.7	7	1.775	2	.....	6.20 "
1823	38.7	+1.9	54.1	14.4	39.7	15	2.125	6	.....	5.52 "
1824	36.8	0.0	54.1	18.7	35.4	13	1.115	4	.....	7.58 "
1825	38.6	+1.8	54.1	18.7	35.4	8	1.590	6	.....	1.01 "
Mean	36.76		54.60	15.13	39.57	9.2	3.026	4.6	.....	6.25 miles