

JANUARY, 1895.

Climatological Statistics of Canada.

From observations of temperature, extremes, amount of rain and snow (compared with the normals derived from former years), the average velocity of the wind, the percentage of sky clouded and the number of hours of registered sunshine.

	Charlottetown	Halifax.	Quebec.	Montreal.	Ottawa.	Toronto.	London.	Port Arthur.	Winnipeg.	Victoria.
	(19)	(21)	(21)	(21)	(21)	(54)	(13)	(15)	(21)	(4)
Mean temperature of month.....	20.5	25.9	12.4	14.9	12.7	21.6	20.9	3.5	-9.2	37.3
Normal temper. from former years.....	16.7	21.7	9.0	11.9	10.6	22.3	21.4	2.9	-6.7	39.7
Highest temperature.....	43.1	50.0	32.0	37.2	36.0	42.2	43.0	29.0	26.0	55.6
Lowest temperature.....	-7.0	0.1	-18.5	-12.2	-17.0	-0.6	-9.0	-23.0	-37.9	25.2
Mean daily range.....	14.8	13.5	14.4	15.3	23.5	14.1	15.4	18.5	19.6	8.0
Greatest daily range.....	33.0	30.0	27.0	31.8	37.1	25.6	28.0	38.0	29.9	14.2
Mean relative humidity.....	88	89	88	83	85	83	81	95	91	90
Percentage of sky clouded.....	60	70	70	59	60	70	50	50	50	80
Number of days completely clouded.....	10	10	13	4	10	7	2	9	5	8
Amount of rain in inches.....	0.19	7.33	0.11	1.36	R	1.07	2.78			4.10
Normal amount.....	2.29	4.01	0.67	0.85	0.75	1.17	1.65			4.71
Number of days of rain.....	5	16	3	4	4	4				16
Amount of snow in inches.....	29.5	27.9	23.6	24.9	38.5	35.8	20.1	7.1	15.4	28.4
Normal amount.....	19.9	16.0	37.3	29.2	11.2	17.2	26.6	9.0	7.6	6.9
Number of days of snow.....	12	19	19	18	13	20	21	11	14	9
Number of thunder storms.....										
Number of auroras.....			3							
Number of fogs.....	1	4								
Mean velocity of wind.....	5.7	5.8	15.8	14.6	8.0	8.1	6.0	6.7	13.0	6.5
Number of hours of sunshine.....				96.4		83.6			109.0	43.3
Number of hours possible.....				285.7		285.7			286.1	278.9

The figures in brackets are the number of years from which the normals are derived.

JANUARY, 1896.

Rising, Meridian passage and setting of Planets, in local mean time, for every fifth day, at Montreal.

Day.	Mercury.			Venus.			Mars.			Jupiter.			Saturn.		
	Rises.	On Mer.	Sets.	Rises.	On Mer.	Sets.	Rises.	On Mer.	Sets.	Rises.	On Mer.	Sets.	Rises.	On Mer.	Sets.
1	8 20a	0 36p	4 51p	4 02a	8 57a	1 52p	5 44a	10 10a	2 35p	*6 29p	1 57a	9 24a	3 13a	8 16a	1 20p
6	8 28a	0 51p	5 14p	4 12a	9 01a	1 49p	5 42a	10 05a	2 28p	*6 06p	1 35a	9 03a	2 55a	7 58a	1 01p
11	8 33a	1 06p	5 39p	4 22a	9 05a	1 48p	5 40a	10 01a	2 22p	*5 43p	1 13a	8 42a	2 37a	7 40a	0 42p
16	8 33a	1 18p	6 03p	4 33a	9 10a	1 48p	5 38a	9 57a	2 17p	*5 20p	0 50a	8 21a	2 19a	7 22a	0 24p
21	8 27a	1 26p	6 24p	4 42a	9 16a	1 50p	5 35a	9 54a	2 12p	*4 57p	0 28a	7 59a	2 01a	7 03a	0 0p
26	8 13a	1 24p	6 35p	4 51a	9 22a	1 52p	5 31a	9 50a	2 08p	*4 34p	0 06a	7 34a	1 43a	6 45a	11 46a

Solar Ephemeris for Mean Noon at Greenwich.

Apparent place of Polaris at upper transit at Greenwich.

Day.	Right Ascension.		Declination.	Apparent Time.	Sidereal Time.	Semi-Diameter.	Right Ascension.		Declination.	Day of week.
	h. m. s.	° ' "					h. m. s.	° ' "		
1	18 46	14.6	S 23	1 43.9	11 56	20.53	18 42	35.50	16 17.6	Wed.
6	19 08	11.95	S 22	31 40.1	11 54	03.34	19 02	18.29	16 17.5	Mon.
11	19 30	03.83	S 21	59 28.5	11 51	57.25	19 22	01.08	16 17.3	Sat.
16	19 51	38.35	S 20	58 33.8	11 50	05.53	19 41	43.87	16 17.0	Thur.
21	20 12	55.45	S 19	56 49.3	11 48	31.21	20 01	26.66	16 16.6	Tues.
26	20 33	53.12	S 18	45 43.3	11 47	16.33	20 21	09.45	16 16.1	Sun.

* Of preceding evening. a, a. m. p, p. m.

Moon's Phase

Last Quarter
New Moon
First Quarter
Full Moon

Day of the month.	Day of the week.	Hour of the Month.
1	Wed	7 38
2	Th	7 33
3	Fri	7 38
4	Sat	7 37

2nd Sunday

5	Su	7 37
6	Mo	7 37
7	Tu	7 37
8	Wd	7 37
9	Th	7 36
10	Fri	7 36
11	Sat	7 36

1st Sunday

12	Su	7 36
13	Mo	7 35
14	Tu	7 35
15	Wd	7 34
16	Th	7 33
17	Fri	7 33
18	Sat	7 32

2nd Sunday

19	Su	7 32
20	Mo	7 31
21	Tu	7 30
22	Wd	7 29
23	Th	7 29
24	Fri	7 28
25	Sat	7 27

3rd Sunday

26	Su	7 26
27	Mo	7 25
28	Tu	7 24
29	Wd	7 23
30	Th	7 22
31	Fri	7 21

1st. Sun in
2nd. Venus
2nd. Jupiter
5th. Mercury
9th. Saturn
11th. Venus
12th. Mars in
16th. Mercury
21th. Mercury
24th. Mercury
24th. Jupiter
28th. Mercury
29th. Jupiter
30th. Mercury