

All the calculations in this Almanac have been adapted for "Mean Time" at St. John, except the Sun's Declination and the "Equation of Time," which are for Mean Noon, Greenwich.

"Mean Time," is that shown by a well-regulated clock, and is from "Apparent Time," or that exhibited by a Sun-dial by the known as "The Equation of Time." When the Sun is *Slow*, it is to be subtracted from "Mean (or Clock) Time," and when the Sun is *Fast*, to be added to "Mean Time" to get the "Apparent Time."

EQUATION OF TIME FOR APPARENT NOON—1885.

DAYS.	Jan.	Feb.	Mar.	April.	May	June.	July	Aug.	Sept.	Oct.	Nov.	Dec.
	☉ <i>SL.</i>	☉ <i>SL.</i>	☉ <i>SL.</i>	☉ <i>SL.</i>	☉ <i>FL.</i>	☉ <i>FL.</i>	☉ <i>SL.</i>	☉ <i>SL.</i>	☉ <i>FL.</i>	☉ <i>FL.</i>	☉ <i>SL.</i>	☉ <i>SL.</i>
	M. S.	M. S.	M. S.	M. S.	M. S.	M. S.	M. S.	M. S.	M. S.	M. S.	M. S.	M. S.
1	4 00 13 53	12 28	3 50 3 04	2 25 3 31	6 02	0 14	10 27	16 41 16 0				
2	4 28 14 00	12 15	3 32 3 11	2 16 3 45	5 58	0 33	10 43	16 26 16 0				
3	4 56 14 06	12 02	3 14 3 18	2 07 3 56	5 54	0 52	11 03	16 11 16 0				
4	5 23 14 12	11 49	2 56 3 24	1 57 4 07	5 48	1 12	11 22	16 14 16 0				
5	5 50 14 16	11 35	2 38 3 29	1 46 4 18	5 43	1 32	11 40	16 14 16 0				
6	6 16 14 20	11 21	2 21 3 34	1 36 4 28	5 36	1 52	11 58	16 14 16 0				
7	6 42 14 23	11 07	2 04 3 39	1 25 4 38	5 29	2 12	12 15	16 16 16 0				
8	7 07 14 26	10 52	1 47 3 42	1 13 4 47	5 22	2 32	12 31	16 07 16 0				
9	7 32 14 27	10 36	1 30 3 45	1 02 4 56	5 14	2 53	12 47	16 07 16 0				
10	7 56 14 28	10 21	1 14 3 48	0 50 5 05	5 05	3 13	13 03	15 57 16 0				
11	8 20 14 28	10 05	0 57 3 50	0 38 5 13	4 56	3 34	13 18	15 47 16 0				
12	8 43 14 27	9 48	0 42 3 51	0 25 5 21	4 46	3 55	13 33	15 40 16 0				
13	9 06 14 26	9 32	0 26 3 52	0 13 5 28	4 35	4 16	13 47	15 31 16 0				
14	9 28 14 23	9 15	☉ <i>SL.</i> 11 3 52	☉ <i>FL.</i> 00 5 35	4 25	4 37	14 01	15 21 16 0				
15	9 49 14 20	8 58	☉ <i>FL.</i> 04 3 52	☉ <i>SL.</i> 13 5 41	4 13	4 58	14 14	15 11 16 0				
16	10 10 14 17	8 41	0 18 3 51	0 26 5 47	4 01	5 19	14 27	15 01 16 0				
17	10 30 14 12	8 23	0 32 3 49	0 39 5 52	3 48	5 40	14 39	14 49 16 0				
18	10 49 14 07	8 06	0 46 3 47	0 52 5 57	3 35	6 01	14 50	14 39 16 0				
19	11 07 14 01	7 48	0 59 3 44	1 05 6 01	3 22	6 23	15 01	14 29 16 0				
20	11 25 13 55	7 30	1 12 3 41	1 18 6 05	3 08	6 41	15 11	14 08 16 0				
21	11 41 13 47	7 12	1 25 3 38	1 30 6 08	2 53	7 05	15 21	13 53 16 0				
22	11 58 13 40	6 54	1 37 3 34	1 43 6 10	2 38	7 26	15 30	13 39 16 0				
23	12 13 13 31	6 36	1 48 3 29	1 56 6 12	2 23	7 47	15 38	13 25 16 0				
24	12 27 13 22	6 17	2 00 3 34	2 09 6 14	2 07	8 07	15 46	13 13 16 0				
25	12 41 13 12	5 59	2 10 3 18	2 22 6 14	1 50	8 28	15 52	12 41 16 0				
26	12 54 13 02	5 40	2 21 3 12	2 34 6 14	1 34	8 48	15 59	12 29 16 0				
27	13 06 12 50	5 22	2 30 3 05	2 47 6 14	1 17	9 09	16 04	12 16 16 0				
28	13 17 12 40	5 03	2 40 2 58	2 59 6 13	0 59	9 29	16 09	11 45 16 0				
29	13 27	4 45	2 48 2 51	3 11 6 11	0 41	9 48	16 12	11 31 16 0				
30	13 37	4 26	2 57 2 43	3 22 6 09	0 23	10 08	16 15	11 02 16 0				
31	13 45	4 08	 2 34	 6 06	☉ <i>SL.</i> 05		16 18	 16 0				

ECLIPSES IN 1885.

There will be two eclipses of the Sun and two of the Moon.

I. SUN. *An Annular Eclipse* on 16th March. It commences generally 10h. 53m. 16s. A. M., in 136d. 51m. W. long., and 13d. 2m. N. lat. Central phase commences generally 0h. 15m. 22s. P. M. in 156d. 42m. W. long., and 35d. 54m. N. lat. Central eclipse at noon at 1h. 50m. 10s. P. M. in 9d. 27m. W. long., and 56d. 17m. North lat. Central phase ends generally 27m. 40s. P. M. in 15d. 7m. W. long., and 71d. 20m. N. lat. Eclipse ends generally at 3h. 49m. 52s. in 33d. 2m. W. long., and 49d. 1m. N. lat.

It is visible throughout the Dominion of Canada. The central phase