

January has thirty-one days.

Astronomical.

Owing to what is termed the "Procession of the Equinoxes," which equals a recession of the equinoctial points of about 50" of degree westward every year, opposite to the sun's annual progressive motion. The astronomical year is now opened by *Pisces*; *Aries* who formerly led, having passed more than 30° to the eastward of the point where the equinoctial cuts the ecliptic. By proceeding to shift a whole degree every 72 years, and a whole sign every 2160 years the equinoctial points will continue to fall back through the whole line of the twelve signs, and returns to the same points again in 25,920 years, which number of years completes the grand celestial period

Equation of time add to App.	Day Month.	MOON.						HIGH WATER	
		Declination	Rises.	South's.	Sets.	Age.	Place.	At Halifax.	At St. John's N. F.
m. s.		° ' "	h. m.	h. m.	h. m. d. h.			h. m.	h. m.
21	3	43	1 N 25 34 35	2 53	ev 11 6	morn. 12 6	II	morn. 5 39	
22	4	12	2 26 47 58	3 45	11 58	7 19 13 6	II	7 10	6 9
23	4	40	26 45 4	4 35	morn.	8 11 14 6	☾	7 55	6 54
24	5	7	25 47 45	5 24	0 49	9 13 15 6	☾	8 19	7 17
25	5	34	23 2 38	6 36	1 37	9 50 16 6	☾	9 25	8 24
26	6	1	19 39 17	7 21	2 24	10 12 17 6	☾	9 45	8 44
27	6	27	15 28 30	8 43	3 8	10 55 18 6	☾	10 18	9 17
28	6	53	10 40 54	9 51	3 51	10 59 19 6	☾	10 54	9 53
29	7	18	5 26 24	10 55	4 32	11 13 20 6	☾	11 29	10 28
30	7	43	0 5 32	11 27	5 13	11 31 21 6	☾	even.	11 50
31	8	7	5 44 55	11 47	5 55	ev. 23 22 6	☾	0 53	even.
1	8	30	11 20 1	morn.	6 39	1 31 23 6	☾	2 0	0 58
2	8	53	16 35 36	0 8	7 26	2 44 24 6	☾	3 17	2 14
3	9	16	21 11 31	0 40	8 20	4 0 25 6	☾	4 37	3 36
4	9	37	24 42 22	1 14	9 18	5 22 26 6	☾	5 51	4 50
5	9	58	26 40 51	2 5	10 23	6 41 27 6	☾	6 53	5 52
6	10	19	26 45 16	3 12	11 30	7 48 28 6	☾	7 44	6 40
7	10	38	24 48 50	4 21	ev 0 36	8 47 0 1	☾	8 28	7 26
8	10	57	21 3 45	5 54	1 38	9 22 1 1	☾	9 8	8 7
9	11	16	15 56 22	7 17	2 35	9 51 2 1	☾	9 44	8 43
10	11	33	9 57 54	8 29	3 28	10 27 3 1	☾	10 24	9 23
11	11	50	3 37 16	9 56	4 16	10 36 4 1	☾	11 13	10 12
12	12	5	N 4 42 2	10 39	5 3	11 27 5 1	☾	11 50	10 41
13	12	20	8 41 52	10 57	5 49	morn. 6 1	☾	morn.	11 43
14	12	35	14 8 5	11 20	6 35	0 41 7 1	☾	0 46	morn.
15	12	48	18 48 57	11 46	7 22	1 48 8 1	☾	1 52	0 50
16	13	1	22 34 9	ev. 16	8 12	3 34 9 1	☾	3 7	2 6
17	13	12	25 14 37	0 54	9 2	4 8 10 1	☾	4 21	3 20
18	13	23	26 43 23	1 39	9 53	5 10 11 1	☾	5 20	4 19
19	13	33	26 56 45	2 30	10 44	6 7 12 1	☾	6 9	5 8
20	13	43	25 55 15	2 31	11 34	6 58 13 1	☾	6 52	5 50