

October has thirty-one days.

Astronomical.

Saturn is the second in size and the last but one in distance from the sun. The degree of heat and light at this planet is eighty times less than that at the earth. Saturn is distinguished from the other planets by being encompassed by two large, luminous rings. They reflect the sun's light in the same manner as his moons. They are entirely detached from each other and from the body of the planet. They turn on the same axis with the planet, and in nearly the same time. The edge of these rings is constantly at right angles with the axis of the planet.

Sets.	Equation of time sub. from App.
m.	m. s.
47	10 13
46	10 32
44	10 50
43	11 9
41	11 27
39	11 45
38	12 2
36	12 19
35	12 35
33	12 51
32	13 7
30	13 22
29	13 36
27	13 50
26	14 4
24	14 17
23	14 29
21	14 41
20	14 52
18	15 3
17	15 13
15	15 22
14	15 31
12	15 39
11	15 46
9	15 53
8	15 59
6	16 4
5	16 8
4	16 12
2	16 15

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