

November has thirty days.

Astronomical.

Uranus, the third in size, is the most remote of all the old planets. It is scarcely visible to the naked eye. The light and heat at Uranus are about 360 times less than that at the earth. This planet was formerly considered a small star; but Dr. Herschel, in 1781, discovered, from its motion, that it is a planet. Uranus is attended by six moons, or satellites, all of which were discovered by Dr. Herschel; and all of them revolve in orbits nearly perpendicular to that of the planet. Their motion is *apparently* retrograde; but this is probably an optical illusion, arising from the difficulty of ascertaining which part of their orbit inclines towards the earth, and which declines from it.

Equation of
time sub.
from App.

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16 17

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12 37

12 18

11 58

11 37

11 16

MOON.

HIGH WATER.

Day Month.	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 23 52 43	11 0	5 55	1 7	21 4	☾	0 53	11 52
2	20 17 48	morn.	6 45	2 30	22 4		1 55	ev. 54
3	15 56 16	0 9	7 29	2 49	23 4	☾	3 2	2 1
4	10 59 39	1 13	8 10	3 7	24 4	☾	4 4	3 3
5	5 38 8	2 16	8 50	3 24	25 4	☾	5 0	4 0
6	0 1 23	3 16	9 30	3 44	26 4	☾	5 48	4 47
7	S 5 40 30	3 40	10 11	4 42	27 4	☾	6 30	5 29
8	11 15 50	4 0	10 53	5 46	28 4	☾	7 9	6 8
9	16 30 31	4 17	11 39	7 1	29 4	☾	7 47	6 46
10	21 7 30	4 34	ev. 29	8 14	0 7	☾	8 25	7 24
11	24 47 16	5 20	1 23	9 26	1 7	☾	9 1	8 0
12	27 9 52	6 0	2 20	10 40	2 7	☾	9 46	8 45
13	27 58 39	7 3	3 20	11 37	3 7	☾	10 28	9 27
14	27 4 58	8 3	4 20	morn.	4 7	☾	11 13	10 12
15	24 3 52	9 21	5 18	0 37	5 7	☾	morn.	11 5
16	20 28 5	10 36	6 13	1 15	6 7	☾	0 5	morn.
17	15 14 32	11 57	7 4	1 50	7 7	☾	1 5	0 4
18	9 10 41	ev. 12	7 54	2 11	8 7	☾	2 21	1 20
19	2 37 36	2 30	8 42	2 36	9 7	☾	3 47	2 46
20	N 4 3 40	2 54	9 30	2 54	10 7	☾	4 22	3 21
21	10 31 47	3 16	10 20	4 6	11 7	☾	6 0	5 59
22	16 25 4	3 39	11 13	5 24	12 7	☾	6 47	5 46
23	21 22 16	4 1	morn.	6 47	13 7	☾	7 31	6 30
24	25 4 20	4 45	0 7	8 3	14 7	☾	8 11	7 10
25	27 17 32	5 38	1 4	9 23	15 7	☾	8 51	7 50
26	27 56 11	6 34	2 1	10 24	16 7	☾	9 32	8 30
27	27 3 47	7 30	2 57	11 20	17 7	☾	10 14	9 13
28	24 51 12	8 43	3 50	ev. 10	18 7	☾	10 55	9 54
29	21 33 0	9 53	4 38	0 23	19 7	☾	11 30	10 29
30	17 24 3	10 58	5 23	0 53	20 7	☾	ev. 21	11 20