

September has thirty days.

Astronomical.

Jupiter is the largest planet of the solar system, and the most brilliant, except Venus. The heat and light at Jupiter is about 25 times less than that at the earth. This planet is attended by four moons, or satellites; the shadows of some of which are occasionally visible upon his surface. The distance of those satellites from the planet are two, four, six, and twelve hundred thousand miles, *nearly*. The nearest revolves around the planet in less than two days; the next in less than four days; the third in less than eight days; and the fourth in *about* sixteen days.

Equation of
time sub.
from app.

33 0 1
31 0 20
30 0 39
28 0 58
27 1 18
25 1 37
24 1 57
22 2 17
21 2 38
19 2 58
18 3 19
16 3 40
15 4 1
13 4 21
12 4 43
10 5 4
9 5 25
7 5 46
6 6 7
4 6 28
3 6 49
1 7 10
59 7 31
58 7 52
56 8 13
55 8 33
53 8 53
52 9 14
50 9 33
49 9 53

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	17 30 9	9 14						
2		22 1 15	9 46	4 4	11 20	19 7		10 58	9 57
3		25 18 21	10 21	4 55	ev. 36	20 7		11 47	10 46
4		27 14 8	11 14	5 48	1 50	21 7	☾	ev. 43	11 42
5		27 46 2	morn.	6 42	3 3	22 7	☾	1 56	ev. 55
6		26 56 31	0 6	7 35	3 56	23 7	☾	3 19	2 18
7		24 52 38	1 11	8 27	4 48	24 7	☾	4 42	3 40
8		21 44 36	2 17	9 17	5 23	25 7	☾	5 35	4 34
9		17 44 3	3 19	10 4	5 51	26 7	☾	6 21	5 20
10		13 2 50	4 27	10 49	6 9	27 7	☾	7 1	6 0
11		7 52 21	5 31	11 31	6 35	28 7	☾	7 45	6 44
12		2 23 29	6 33	ev. 12	6 53	0 0	☾	8 7	7 6
13	S	3 13 6	7 7	0 51	7 9	1 0	☾	8 39	7 38
14		8 46 31	7 25	1 31	7 55	2 0	☾	9 8	8 7
15		14 4 50	7 55	2 12	8 59	3 0	☾	9 38	8 38
16		18 54 22	8 8	2 55	9 55	4 0	☾	10 10	9 9
17		22 59 7	8 38	3 42	11 16	5 0	☾	10 46	9 45
18		26 0 42	9 14	4 33	morn.	6 0	☾	11 28	10 27
19		27 39 58	10 11	5 29	0 28	7 0	☾	morn.	11 20
20		27 40 37	11 10	6 28	1 44	8 0	☾	0 21	morn.
21		25 54 1	ev. 24	7 29	2 45	9 0	☾	1 31	0 30
22		22 22 56	1 46	8 30	3 48	10 0	☾	3 7	2 6
23		17 21 35	3 10	9 29	4 36	11 0	☾	4 48	3 47
24		11 12 41	4 33	10 25	5 12	12 0	☾	6 4	5 3
25		4 23 28	5 54	11 19	5 40	13 0	☾	6 57	5 56
26	N	2 37 39	6 43	morn.	6 5	14 0	☾	7 39	6 38
27		9 23 40	6 46	0 10	6 26	15 0	☾	8 16	7 15
28		15 30 24	7 13	1 1	7 17	16 0	☾	8 49	7 48
29		20 37 38	7 38	1 52	8 58	17 0	☾	9 23	8 22
30		24 29 52	8 21	2 44	10 15	18 0	☾	9 58	8 57
				3 38	11 38	19 0	☾	10 40	9 39