

July has thirty-one days.

Astronomical.

The moon is a secondary planet, revolving about the earth in about 29½ days. Its distance from the earth is about 240,000 miles. It turns on its axis in precisely the same time that it performs its revolution about the earth. Consequently it always presents the same side to the earth. The most obvious fact in relation to the moon, is that its disk is constantly changing its appearance, sometimes only a semicircular edge being illuminated, while the rest is dark; at another time, the whole surface appearing resplendent.

Sets.	Equation of time add to App.
h m	m s
7 40	3 32
7 39	3 44
7 39	3 55
7 39	4 6
7 38	4 16
7 38	4 27
7 37	4 36
7 37	4 46
7 36	4 55
7 35	5 3
7 35	5 11
7 34	5 19
7 33	5 26
7 33	5 33
7 32	5 39
7 31	5 45
7 30	5 50
7 29	5 55
7 28	5 59
7 27	6 2
7 27	6 5
7 26	6 8
7 25	6 10
7 24	6 11
7 23	6 12
7 22	6 12
7 21	6 12
7 19	6 10
7 18	6 9
7 17	6 7
7 16	6 4

Day Month.	Day of Year.	MOON.					HIGH WATER	
		Declination	Rises	South's.	Sets.	Place.	At Halifax.	At Windsor.
		° ' "	h m	h m	h m		h m	h m
1	183	N 28 5 7	2 56	11 23	7 50	II	7 33	ev. 13
2	184	27 50 56	4 0	ev. 22	8 44	☾	8 14	0 54
3	185	26 2 17	5 4	1 17	9 30	☾	8 55	1 35
4	186	22 54 27	6 17	2 8	9 51	☾	9 32	2 12
5	187	18 46 16	7 26	2 56	10 26	☾	10 8	2 48
6	188	13 55 51	8 34	3 39	10 44	☾	10 44	3 24
7	189	8 33 33	9 40	4 20	11 0	☾	11 20	4 0
8	190	3 6 45	10 42	5 0	11 13	☾	11 50	4 30
9	191	S 2 29 25	11 41	5 38	11 35	☾	morn.	5 18
10	192	8 0 54	ev. 46	6 18	11 50	☾	0 38	6 12
11	193	13 18 16	1 51	7 0	morn.	☾	1 32	7 7
12	194	18 10 27	2 58	7 45	0 9	☾	2 27	8 19
13	195	22 23 35	4 8	8 35	0 32	☾	3 39	9 30
14	196	25 40 36	5 18	9 29	1 2	☾	4 50	10 30
15	197	27 42 24	6 27	10 27	1 40	☾	5 50	11 28
16	198	28 11 27	7 25	11 27	2 27	☾	6 48	morn.
17	199	26 57 0	8 9	morn.	3 29	☾	7 41	0 21
18	200	23 59 37	8 45	0 27	4 45	☾	8 35	1 15
19	201	19 31 38	9 17	1 25	6 5	☾	9 6	1 46
20	202	13 53 34	9 39	2 19	7 21	☾	9 37	2 17
21	203	7 29 28	10 10	3 10	8 41	☾	10 13	2 53
22	204	0 43 29	10 20	3 59	9 58	☾	10 49	3 29
23	205	N 6 1 46	10 45	4 47	11 14	☾	11 37	4 17
24	206	12 25 11	11 4	5 36	ev. 27	☾	ev. 26	5 6
25	207	18 6 41	11 30	6 27	1 50	☾	1 46	6 26
26	208	22 46 59	morn.	7 20	3 10	☾	3 6	7 46
27	209	26 8 34	0 7	8 16	4 25	☾	4 21	9 1
28	210	27 58 0	0 53	9 15	5 37	☾	5 37	10 17
29	211	28 9 17	1 45	10 13	6 41	☾	6 27	11 7
30	212	26 45 49	2 55	11 9	7 23	☾	7 18	ev. 0
31	213	23 59 24	4 4	ev. 1	7 58	☾	8 8	0 48