

February has twenty-nine days.

Astronomical.

The sun is a spherical body, situate near the centre of gravity of the system of planets of which our earth is one. Its diameter is 877,547 English miles; which is equal to 100 diameters of the earth; and therefore, his cubic magnitude must exceed that of the earth one million of times. It revolves around its axis in 25 days and 10 hours. This has been ascertained by means of several dark spots which have been seen with telescopes on its surface. Dr. Herschel supposed the greater number of spots on the sun to be mountains; some of which he estimated to be 300 miles in height.

Day of Year.	Declination	MOON.				HIGH WATER.	
		Rises.	South's.	Sets.	Place.	At Halifax.	At Windsor.
Day Month.							
1 32	3 24 35 3	h. m.	h. m.	h. m.		h. m.	h. m.
2 33	27 3 57	3 9	7 33	11 57	♄	3 27	8 7
3 34	28 0 36	4 7	8 30	ev. 53	♄	4 42	9 22
4 35	27 9 6	5 28	9 30	1 32	♄	5 58	10 38
5 36	24 25 20	6 25	10 33	2 41	♄	6 28	11 8
6 37	19 59 54	7 13	11 35	3 57	♄	7 47	ev. 27
7 38	14 15 19	8 15	ev. 35	5 20	♄	8 29	1 9
8 39	7 40 13	8 40	1 31	6 47	♄	9 11	1 51
9 40	0 43 46	9 2	2 23	8 6	♄	9 53	2 33
10 41	N 6 7 28	9 23	3 14	9 26	♄	10 24	3 4
11 42	12 30 34	9 45	4 3	10 43	♄	11 53	4 33
12 43	18 6 12	10 6	4 53	morn.	♄	morn.	4 56
13 44	22 38 5	10 40	5 44	0 2	♄	0 10	5 19
14 45	25 53 2	11 16	6 37	1 22	♄	0 39	7 20
15 46	27 42 3	ev. 4	7 32	2 34	♄	2 40	9 23
16 47	28 1 42	1 0	8 27	3 48	♄	4 43	9 46
17 48	26 55 5	2 1	9 22	4 50	♄	5 6	11 9
18 49	24 31 9	3 8	10 14	5 45	♄	6 29	11 35
19 50	21 2 39	4 16	11 3	6 27	♄	6 55	morn
20 51	16 43 48	5 20	11 50	6 58	♄	7 21	0 1
21 52	11 48 23	6 26	morn.	7 24	♄	7 47	0 27
22 53	6 29 1	7 30	0 32	7 44	♄	8 26	1 6
23 54	0 56 58	8 33	1 13	8 0	♄	9 5	1 45
24 55	S 4 37 29	9 27	1 52	8 14	♄	9 27	2 7
25 56	10 4 17	10 37	2 31	8 29	♄	9 50	2 30
26 57	15 12 48	11 44	3 10	8 47	♄	10 19	3 0
27 58	10 50 48	morn.	3 52	9 7	♄	10 54	3 34
28 59	23 43 38	0 54	4 36	9 28	♄	11 37	4 17
29 60	26 34 0	2 1	5 24	9 54	♄	ev. 20	5 0
			6 16	10 31	♄	1 6	5 46