

February has Twenty-eight days.

Astronomical.

The sun is a spherical body, situated 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.

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