

12th Month,]

DECEMBER.

[1846.

Full Moon, Wednesday 2nd, 38 minutes past 5 afternoon.
 Last Quarter, Thursday 10th, 4 minutes past 4 afternoon.
 New Moon, Friday 18th, 27 minutes past 7 forenoon.
 First Quarter, Friday 25th, 18 minutes past 1 forenoon.

DAYS OF		SUN.		Clock Fast.	MOON.	
Month.	Week.	Rises.	Sets.		Place.	Rises and Sets.
		<i>h m</i>	<i>h m</i>	<i>m</i>		<i>h m</i>
1	Tue	7 28	4 32	10	♋	rises
2	Wed	7 29	4 31	10		4 46
3	Thu	7 29	4 31	9	♌	5 36
4	Frid	7 30	4 30	9	♍	6 30
5	Sat	7 31	4 29	9		7 27
6	Sun	7 31	4 29	8		8 25
7	Mon	7 32	4 28	8	♎	9 23
8	Tue	7 32	4 28	7		10 21
9	Wed	7 33	4 27	7	♏	11 18
10	Thu	7 33	4 27	6		morn
11	Frid	7 34	4 26	6		0 16
12	Sat	7 34	4 26	6	♐	1 14
13	Sun	7 34	4 26	5		2 13
14	Mon	7 35	4 25	5	♑	3 14
15	Tue	7 35	4 25	4		4 15
16	Wed	7 35	4 25	4	♒	5 18
17	Thu	7 35	4 25	3		6 19
18	Frid	7 34	4 26	3		sets
19	Sat	7 34	4 26	2	♓	6 11
20	Sun	7 34	4 26	2		7 20
21	Mon	7 34	4 26	1		8 31
22	Tue	7 34	4 26	1	♈	9 42
23	Wed	7 34	4 26	0		10 53
24	Thu	7 34	4 26	0	♉	morn
25	Frid	7 34	4 26	slow		0 3
26	Sat	7 35	4 25	0	♊	1 11
27	Sun	7 35	4 25	1		2 19
28	Mon	7 35	4 25	1	♋	3 25
29	Tue	7 35	4 25	2		4 28
30	Wed	7 35	4 24	2	♌	5 26
31	Thu	7 35	4 24	3		6 20

DAILY MEMORANDA.

DECEMBER.—Part of this month and of January answers to Tebeth, the tenth month of the Jewish Sacred Year. The Jews observe a fast on the 8th day of this month for the translation of their law into Greek. On the 10th they keep a fast for the siege of Jerusalem by the king of Babylon, who, after a four months' siege, during which great famine prevailed, took the city.—2nd Kings xxv. 1. On the 28th day of this month a feast of joy is observed for the expulsion of the Sadducees from the Sanhedrim: this sect, under Janneus, had possessed almost the whole power in this, the chief Council of the Jewish nation.

OUTLINE AND SKETCH OF THE GREAT IRON STEAM SHIP "GREAT BRITAIN."

This immense vessel, made of iron, and propelled by the Archimedean screw in the stern, instead of wheels at the side, left Liverpool at 4 p.m. on the 26th July last, and arrived at noon on the 10th August at New York, thus making the passage of the Atlantic in less than 15 days, by a means entirely new. The vessel is constructed of plates of iron, varying from $\frac{3}{4}$ to 1 inch in thickness, has four decks and six masts, is of a beautiful mould, and although larger than any first-rate man-of-war, being 320 feet long by 50 feet wide, is yet managed with the greatest ease.