

Twentieth day, she rises at half past eight morning, having been new Moon the preceding day, at which time was an eclipse of the Sun, but invisible here.

Twenty-fifth day, she passes the meridian, three minutes past six, evening, being in a line between the small stars in the head of the Archer and the two first of the Goat; the former being below her to the east, and the latter above her to the west of the meridian. Above her, nearly due north, at the distance of 24° , is the beautiful star Athair in the neck of the Eagle.

Thirtieth day, she passes the meridian at fifty-six minutes past nine, above her, to the north, at the distance of 11° , is Algenib, a bright star, in the wing of Pegasus, and at 25° the bright star in the head of Andromeda. Jupiter and Fomalhaut being considerably to the west of the meridian.

Mercury is an evening star, but so near the horizon when the Sun sets, that he will be seldom seen: the Moon passes him on the twenty-first.

Venus is an evening star, and on the first is very near Mercury, she appears every succeeding night to be higher above the horizon, but is still too near it to be frequently seen, till about the end of the month.

Mars, is a morning star, being seen at first to the west of the first star of the Lion, which he passes on the eleventh, at the distance of 1° , the star, being to the south of him. The moon passes him on the fifteenth.

Jupiter, passes our meridian on the first, at 40 minutes past 10 at night, and on the 25th at five minutes past nine, having a retrograde motion through $1\frac{1}{2}$ degrees; near him is the 11th star of the Water-bearer, and to the west of him the four small stars in the Water-pot... The Moon passes him on the 21st.

Saturn is an evening star, being seen after dark in the south-west, but near the horizon... the Moon passes him on the 21st.

Herschell is a morning star, but too near the Sun to be seen, being in conjunction with him on the 28th.

ECLIPSES OF JUPITER'S SATELLITES.

1st SATELLITE.				2d SATELLITE.				3d SATELLITE.				4th SATELLITE.			
<i>Emersons.</i>				<i>Emersons.</i>											
DAYS.	H.	M.	S.	DAYS.	H.	M.	S.	DAYS.	H.	M.	S.	DAYS.	H.	M.	S.
1	6	48	17	3	16	37	44	6	14	34	23 Im.	6	4	0	12 Im.
3	1	17	11	7	5	55	40		17	44	14 E.		7	56	21 E.
4	19	45	59	10	19	13	35	13	18	36	19 Im.	22	22	19	50 Im.
6	14	14	55	14	8	31	29		21	45	14 E.	23	2	9	23 E.
8	8	43	44	17	21	49	23	20	22	38	40 Im.				
10	3	12	40	21	11	7	17	21	1	46	42 E.				
11	21	41	31	25	0	25	10	28	2	41	14 Im.				
13	16	10	28	28	13	43	3		5	48	23 E.				
15	10	39	19												
17	5	8	17												
18	23	37	9												
20	18	6	7												
22	12	35	0												
24	7	4	0												
26	1	32	53												
27	20	1	54												
29	14	30	48												
31	8	59	49												

N. B. We have, agreeably to the intimation of our respected Correspondent X. of Newry, added to our *Astronomical Report*, the Eclipses of Jupiter's Satellites for this month, which are universally acknowledged to be the best means for ascertaining the longitude of the different places on the Globe. These Eclipses are calculated for the latitude and meridian of Greenwich.

ERRATA IN NO. I.

Page 10, 1st column, line 16, from the bottom, dele *n* in *ennemies*—p. 32, col. 2d, l. 12 from the top, for *ore*, read air—same page and col. l. 8 from the bottom, for *detanation*, read detonation.

ERRATA IN NO. II.

Page 99, col. 2d, line 24 from the bottom of the page, dele the period after the word *master*—p. 99, col. 2d, line 23d from the bottom, for *doubts* read doubt—p. 116, col. 1st, l. 5 from top, for *Phil. Mag.* read *Philosophical Magazine*—p. 140, last line but one of the poetry, for *will*, read shall—p. 145, col. 2d, l. 16 from the top, for *Dundas*, read Dundee.—p. 153, col. 2d, l. 18 from the bottom, dele *in*.