

ECLIPSES FOR THE YEAR 1835.

1. Of the Sun, May 27th, at 8h. 16m. morning, invisible.
2. Of the Moon, June 10th, at 5h. 29m. evening, invisible.
3. Of the Sun, November 20th, at 5h. 26m. morning, invisible.

TRANSIT.

There will be a transit of the Planet Mercury across the southern part of the Sun's disc, on the 7th November, in the afternoon, chiefly visible.

	H. M.
External contact, or beginning of ingress,	0 21
Ingress of Mercury's centre,	0 22
Internal contact, or total ingress,	0 23
Conjunction in Longitude,	2 47½
Time of nearest approach of centre,	2 57
Sun sets, and visibility ends,	4 55
Duration of visibility,	4 34

VENUS will be Morning Star till October 4th, then Evening Star till July 25th, 1836.—JUPITER will be Evening Star till June 15th, then Morning Star, remainder of the year.

CHRONOLOGICAL CYCLES.

Dominical Letter, *D*.—Lunar Cycle or Golden No., 12—Epaet 1—Solar Cycle, 24—Julian Period, 6,548.

NAMES AND CHARACTERS OF PLANETS.—☉ Sun, ☾ Moon, ☿ Mercury, ♀ Venus, ⊕ Earth, ♂ Mars, ♃ Jupiter, ♄ Saturn, ♃ Herschel.

NAMES OF THE SIGNS OF THE ZODIAC.—♈ Aries, ♉ Taurus, ♊ Gemini, ♋ Cancer, ♌ Leo, ♍ Virgo, ♎ Libra, ♏ Scorpio, ♐ Sagittarius, ♑ Capricornus, ♒ Aquarius, ♓ Pisces.

SEASONS.

Vernal Equinox, ... 21st March. | Autumnal Equinox, ... 23d Sept.
 Summer Solstice, 21st June. | Winter Solstice, 22d Dec.

TABLE OF THE SOLAR SYSTEM.

NAMES.	Mean diameter in Eng. miles.	Mean distance from the Sun.	Time of rotation round their axes.		Revolution round the Sun.
			25d. 14h.	4m. 0s.	D. H. M. s.
The Sun,	886,149				
Mercury,	3,224	37,000,000	0 24	5 28	87 23 15 14
Venus,	7,687	68,000,000	0 23	20 54	224 16 49 10
The Earth,	7,912	95,000,000	1 0	0 0	365 6 9 12
The Moon,	2,180	95,000,000	29 17	44 3	.....
Mars,	4,189	144,000,000	0 24	39 22	686 23 15 44
Vesta,	238	225,000,000	.....	.....	.....
Juno,	1,425	252,000,000	.....	.....	.....
Ceres,	160	263,000,000	.....	.....	1703 16 48 0
Pallas,	110	265,000,000	.....	.....	.....
Jupiter,	89,170	490,000,000	0 9	55 37	4332 14 27 10
Saturn,	79,042	900,000,000	0 10	16 2	10759 1 51 11
Herschel,	35,112	1,800,000,000	.....	.....	20737 18 0 0