

ECLIPSES FOR 1838.

There will this year be two Eclipses of the Sun and two of the Moon.

March 25—There will be a total Eclipse of the Sun, invisible in the Canadas and the United States.

April 9th—A partial Eclipse of the Moon will take place,

Beginning at	7h.	32m. evening
Middle,	8h.	58m.
End,	10h.	25m.

Digits eclipsed 7 on the Moon's upper limb.

September 18th—There will be an Anular Eclipse of the Sun visible throughout the Canadas and the United States,

Beginning at	3h.	5m.
Greatest obscuration,	4h.	27m.
End,	5h.	37m.

Digits eclipsed 11 on the Sun's lower limb.

This will be the greatest Solar Eclipse that has taken place since the total Eclipse of 1806. It will be anular over the western part of Upper Canada, nearly the whole of Michigan, a great part of Ohio, the southwestern part of Pennsylvania, the District of Columbia, and in several of the Atlantic States.

On the 3d of October a partial Eclipse of the Moon, invisible at this place.

CUSTOMARY NOTES.

Venus will be the Evening Star till March 5th; thence Morning Star till December 21st; thence Evening Star the rest of the year.

The Moon will run highest, this year, about the 2d degree of Cancer, and lowest about the 2d degree of Capricorn.

Latitude of Herschel about 46 minutes south this year. This being the maximum of Herschel's latitude, it will continue about the same minute until 1842, when it will begin to diminish perceptibly.

Longitude of the Moon's Ascending Node, in the middle of this year, 0 sign, 9 degrees.

CHRONOLOGICAL CYCLES.

Dominical Letter	A	Solar Cycle,	27
Golden Number;	15	Roman Indiction,	11
Epact,	24	Julian Period,	6551

MOVEABLE FEASTS.

Septuagesima Sunday,	Feb. 11
Shrove Sunday.	" 25
Ash Wednesday,	" 28
Midlent Sunday,	March 25

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