

COMMENCEMENT OF THE SEASONS.

Spring—Sun enters ♈, March 20.

Summer—Sun enters ♋, June 21.

Autumn—Sun enters ♏, September 23.

Winter—Sun enters ♏, December 21.

ECLIPSES.

Jan. 1st.—The Sun will be Eclipsed at 55 minutes past two o'clock in the morning, to us invisible.

16.—The Moon will be Eclipsed, *visible*, and is calculated as follows:—

Beginning at	2 h. 27 m. Morning.
Middle	3 - 34 — do.
Tabular Time	3 - 36 — do.
Ecliptic 8	3 - 38 — do.
End	4 - 38 — do.
Whole Duration	2 - 11 — do.

Digits Eclipsed 9 on the Moon's Northern Limb, or from the southern side of the Earth's shadow.

June 26.—The Sun will be Eclipsed at 27 minutes past six o'clock in the afternoon, to us invisible.

July 10.—The Moon will be Eclipsed *visible*, and is calculated as follows:—

Beginning at	10 h. 24 m. Afternoon.
Middle	11 - 2 — do.
Tabular Time	11 - 7 — do.
Ecliptic 8	11 - 11 — do.
End	11 - 39 — do.
Whole Duration	1 - 16 — do.

Digits Eclipsed 1 1/4 on the Moon's southern limb, or from the north side of the Earth's shadow.

Dec. 20.—The Sun Eclipsed at 28 minutes past five o'clock in the morning, to us invisible.

THUNDER AND LIGHTNING.

To determine the distance of Lightning, count the number of *Seconds* between the *flash* and the *clap* of Thunder, and allow rather less than a *quarter of a mile* for each second.

The middle of a room is the safest situation in a thunder storm, and lower rooms are more safe than upper chambers.

The Planet *Venus* will be the Morning Star until the 29th of July; then the Evening Star to the end of the year.