

# COMMENCEMENT OF THE SEASONS.

**SPRING.** Sun enters ♈, March 20.

**SUMMER.** Sun enters ♋, June 21.

**AUTUMN.** Sun enters ♏, September 23.

**WINTER.** Sun enters ♊, Decem. 21.

## ECLIPSES

**MOON** Eclipsed and visible, February 5th :

Beginning of the Eclipse 11h. 13m. afternoon ; Ecliptic  $\gamma$ , 0h. 18 m. morn. 6th ; Middle, 0h. 22 m. ; End of the Eclipse, 1h 32m. ; Whole duration, 2h 19m ; Digits eclipsed 4 1-2 from the North side of the  $\oplus$ 's shadow, or on the  $\ominus$ 's Southern Limb.

**SUN** Eclipsed and visible, February 21 :

Beginning of the Eclipse. 2h. 50m. afternoon ; greatest obscuration, 3h. 58m ; End of the Eclipse, 4h. 48m ; Whole duration, 1h. 58m. ; Digits Eclipsed 5 1-10 on the  $\odot$ 's Northern Limb.

**MOON** Eclipsed and visible, August 2d.

Beginning of Eclipse 5h. 54m. afternoon ; Ecliptic  $\gamma$ , 7h. 5m ; Middle, 7h. 10m. ; End of the Eclipse, 8h. 39m. ; Whole duration. 1h 55m. ; Digits Eclipsed  $\gamma$ , from the South side of the  $\oplus$ 's Shadow, or the  $\ominus$ 's Northern Limb.

N. B. The first part of this Eclipse cannot be visible here, as it will happen before the  $\odot$  sets. The  $\odot$  will set at 10m. past 7, and 7m after (at 7h. 17m.) the  $\odot$  will rise 9 Digits eclipsed.

August 16th, Sun eclipsed, at 5m. past 6 o'clock afternoon, to us invisible, the  $\odot$  having great South Latitude.

The Planet *Venus*, will be evening star until the 9th of March, then morning star, until the 23d of December, thence evening star to the end of the year.

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