

ECLIPSES IN 1827.

There will be four Eclipses in the year 1827, two of the sun and two of the moon, in the following order. —

1st. The first will be of the sun on the evening of the 25th of April, at 10 hours 48 min. D's lat. $51\frac{1}{2}$ min North; the sun will be centrally eclipsed on the meridian at 11 hours 26 min. in long. 125 degrees east, and lat. 87 deg. 31 min. North.

2d. The second will be of the moon on the morning of the 11th of May, partial and visible, as follows:

Beginning at 2 hours 33 minutes.

Middle at 4 hours 6 minutes.

Ecliptic Opposition \ominus - 4 hours 11 minutes.

Moon sets - 4 hours 55 minutes.

End of the eclipse - 5 hours 39 minutes.

Digits eclipsed - 11 5-6 on the moon's southern limb.

3d. The third will be of the sun on the 20th of October, the conjunction will take place in the morn. at 11 h. 33 min. in long. 6 sigus, 26 deg. $28\frac{1}{2}$ min.; D's lat. $48\frac{1}{2}$ min. south; the sun will be centrally eclipsed on the meridian at 0 h. 7 min. P. M. in long $65\frac{1}{2}$ deg. west, and lat. 69 neg. 40 min. south.

4th. The fourth and last will be of the moon on the evening of the 3d of November, at 1 hour 0 min. consequently invisible. This eclipse will be vi. sible to every part of Great Britain, the obscuration being about $10\frac{1}{2}$ digits on the moon's northern limb.

\ominus Venus will be morning star until the 7th of October, from that time evening star throughout the year.

CHRONOLOGICAL CYCLES.

Dominical Letter, G. Lunar Cycle, or Golden Number, 4.
Epact, 3. Solar Cycle, 16. Roman Indiction, 15. Julian
Period, 6540.

Explanation of Astronomical Characters.

THE PLANETS.

The Sun \odot . The Moon D . Mercury H . Venus ♀ . The Earth ⊕ .
Mars ♂ . Jupiter ♃ . Saturn ♄ . Georgium ♁ .

SIGNS OF THE ZODIAC.

Aries ♈ , or the ram. Taurus ♉ , or the bull. Gemini ♊ , twins. Cancer
 ♋ , the crab. Leo ♌ , the lion. Virgo ♍ , the virgin. Libra ♎ , the balance.
Scorpio ♏ , the scorpion. Sagittarius ♐ , the archer. Capricornus ♑ , the
goat's horn. Aquarius ♒ , the water bearer. Pisces ♓ , the fishes. ♁ , a planet's
ascending node. ♂ , the descending node. ♄ , Conjunction, or when planets
are situated in the same longitude. ⊥ , Quadrature, or planets situat'd in
longitudes differing three signs from each other. ♁ , Opposition, or planets
situated in opposite longitudes differing six signs from each other.

MOVEABLE FEASTS.

Septagesima Sunday, February 11. Quinquagesima or Shrove Sunday, February
25. Ash Wednesday, or 1st day of Lent, February 28. Mid. Lent Sunday,
March 25. Palm Sunday, April 8. Easter Day, April 15. Low Sunday, April
22. Rogation Sunday, May 20. Ascension Day, or Holy Thursday, May 24
Whit Sunday, June 3. Trinity Sunday, June 10. Advent Sunday, Decem
ber 2.

Beautiful Admonition. The Hindoes, in baptizing their infants
address to them this beautiful admonition: "Little babe, thou enterest the
world weeping while all around smite; continue so to live that you may de-
part in smiles whilst all around you weep."

Extravagance is a great enemy to charity. So much is required
for ostentatious show, to keep up the appearance of gentility, and to pamper
the luxurious, that nothing can be spared to the miserable.