

111. The third will be a Partial Eclipse of the Moon, on Saturday and Sunday, July 12th and 13th; and visible here as follows:

First contact with the Penumbra at	11h. 55m.	Seven. of 12h.	Mean time.
First contact with the Shadow,	1 11	1 morn. of 13th.	
Middle of the Eclipse,	2 42	1 do. do.	
Last contact with the Shadow,	4 13	1 do. do.	
Last contact with the Penumbra			

(when Moon will have been long set). 5 29

Duration, from first contact with the Penumbra to last do. do. 5h. 34m.

Digits eclipsed, $8^{\circ} 23'$ on her Southern Limb.

IV. The fourth will be a total Eclipse of the Sun, on Monday, July 28th day; and partially visible here, and in Europe; Moon's ecliptic conjunction here at 10h. 0m. 46s., mean time, in the morning, and its phases to us as follows:

Beginning at	8h. 35m.	Mean time, morn.
Greatest Obscuration,	9 20	
Apparent Conjunction,	9 25	
End,	9 50	

Duration, 1h. 15m. Digits eclipsed, $3^{\circ} 27'$ on Sun's Northern Limb.

The Eclipse will begin at about 71° from the Sun's Vertex, or the highest point of his Disc, round on its West or right hand side. The Sun will be centrally eclipsed, on the Meridian, in the vicinity of the Sandwich Isles, in the Antarctic Circle, or at some distance, on the southeast, from the not long since discovered island, named Smith's Land, at 9h. 42m. of our time.

MORNING AND EVENING STARS OF 1851.

The Planet *Venus* (♀) will be *Morning Star* till Sept. 30; then *Evening Star* till the end of the year.—*Mars* (♂) will be *Morning Star* throughout the year.—*Jupiter* (♃) will be *Morning Star* till April 8th; then *Evening Star* till October 27th; then *Morning Star* to the end of the year.—*Saturn* (♄) will be *Evening Star* till April 15th; then *Morning Star* till October 24th; then *Evening Star* to the end of the year.

Chronological Cycles of 1851.

Domin. Letter,	E.	Epact,	18	Roman Indiction,	9
Golden Number,	9	Solar Cycle,	12	Julian Period,	6564
or Lunar Cycle,		Hegira,	1267-8	Jewish yr. A. M. 5611-12	

Names and Characters of the Planets.

☉ The Sun.	☿ Mercury.	♄ Vesta.	♃ Jupiter.
♁ The Earth.	♀ Venus.	♅ Juno.	♄ Saturn.
☾ } The Moon.	♂ Mars.	♁ Pallas.	♁ Herschel, or
		♁ Ceres.	Uranus.

Names and Characters of the Aspects and Nodes.

☿ Conjunction.	♄ Ascending Node.	Sup. Superiour.
☐ Quadrature, 90° .	♁ Descending Node.	N. North. S. South.
♁ Opposition, 180° .	Inf. Inferiour.	E. East. W. West.

Names and Characters of the Signs of the Zodiac.

♈ Aries, head.	♌ Leo, heart.	♐ Sagittarius, thighs.
♉ Taurus, neck.	♍ Virgo, belly.	♑ Capricornus, knees.
♊ Gemini, arms.	♎ Libra, reins.	♒ Aquarius, legs.
♋ Cancer, breast.	♏ Scorpio, secrets.	♓ Pisces, feet.