

ECLIPSES of the GREAT LUMINARIES in the YEAR 1820.

There will be Four ECLIPSES this Year; two of the SUN and two of the MOON, alternately as follows, viz:—

March 14th—The SUN will be eclipsed in Longitude 11 Signs, $23^{\circ} 55' 6''$ at 8h. 57m.—Moon's latt. $43^{\circ} 54' 8''$. This Eclipse, though invisible to us, will be central on the Meridian, at 8h. 23m. morning, in latt. $56^{\circ} 33' 9''$ South, long. $11^{\circ} 43'$ West, that is, a little to the Eastward of Candlemas Islands, in the South Seas.

— **29th**—The Moon will be partially but invisibly Eclipsed ♀ at 2h. 22m. afternoon.

September 7th—There will be a very small Eclipse of the SUN, the time of Greatest Obscuration will be at 7h. 49m. morning, two-thirds of a digit only observed on the upper or northern limb.

September 22d—The Moon will be partially and visibly Eclipsed—

Beginning at	0h. 49m.	Apparent time
Middle	2h. 18m.	
Ecliptic ♀	2h. 22 $\frac{1}{2}$ m.	
End	3h. 46m.	

Digits Eclipsed $10\frac{1}{2}$ ° on the Moon's Southern Limb.

♀ VENUS will be Evening Star from the beginning of this Year till July 30, then Morning Star to the end.

♃ JUPITER will shine with his greatest lustre in the month of September; and ♁ SATURN in that of October.

The Names and Characters of the Twelve SIGNS of the ZODIAC.

- ♈ Aries, head.
- ♉ Taurus, neck.
- ♊ Gemini, arms.
- ♋ Cancer, breast.
- ♌ Leo, heart.
- ♍ Virgo, belly.

- ♎ Libra, reins.
- ♏ Scorpio, secrets.
- ♐ Sagittarius, thighs.
- ♑ Capricornus, knees.
- ♒ Aquarius, legs.
- ♓ Pisces, feet.

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February
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1st January
30th do. K
17th March
25th do. L
23d April,
29th May,
4th June, I
24th do. S
12th Aug.
birth d
22d Sept.
29th do. M