

Handwritten:

EXPLANATION OF ASTRONOMICAL CHARACTERS.

☉	The Sun	♄	Saturn
☾	The Moon	♁	Georgian
☿	The Mercury	♊	Ascending Node
♀	Venus	♋	Descending Node
♁	The Earth	♌	Conjunction
♂	Mars	♍	Opposition.
♃	Jupiter		

☐ Quadrature or Planets differing 3 Sigus in Longitude

SIGNS OF THE ZODIAC.

♈	Aries	♌	Leo	♎	Sagittarius
♉	Taurus	♍	Virgo	♏	Capricornus
♊	Gemini	♎	Libra	♐	Aquarius
♋	Cancer	♏	Scorpio	♑	Pisces.

CHRONOLOGICAL CYCLES.

Dominical Letter	C	Solar Cycle	8
Golden Number	15	Roman Indiction	7
Epaet	4	Julian Period	6532

MOVEABLE FEASTS.

Septuagesima Sun. Feb.	7	Low Sunday, April	13
Quinquagesima or Shrove Sun. Feb.	21	Rogation Sunday, May	16
Ash Wednesday or 1st day of Lent, February		Ascension Day May	20
Mid Lent Sunday, March	24	Whit Sunday, May	30
Palm Sunday, April	21	Trinity Sunday, June	6
Easter Day, April	4	Advent Sunday, November	28
	11		

ECLIPSES FOR THE YEAR 1819.

There will be four Eclipses of the Luminaries in the Year 1819,—viz. two of the Sun,—and two of the Moon, in the following order: The first will be of the MOON, April 10th, 8h. 51m. in the morning, invisible. 2d,—The second of the SUN, April 24th, in the morning, partial and visible, as follows: Beginning at 5 hours 55 minutes; greatest Observation 6h. 45m.; End 7h. 26m.—Digits eclipsed 5 2-10 from the Sun's Northern limb. 3d,—The third will be of the Sun, Sept. 19th, at 8h. 38m. in the morning, invisible. 4th,—The fourth and last, will be of the Moon, October 3d, at 11h. 8m. in the morning invisible, ☉ will be morning Star until October 9th, thence Evening Star throughout the Year.

☉ Conjunction, or planets situate in the same longitude. When a planet is in conjunction with the sun, or any other planet, they pass the meridian at nearly the same instant ☐ signifies planets situate quarter of a circle, or 90 deg. distant; when a planet is ☐, or 90 deg. distant from the sun; if East from the sun, it will pass the meridian at 6 o'clk. in the evening, if West, at 6 o'clk. in the morning. ☌ This mark denotes Opposition of planets, or when they are half a circle distant; when the Moon is full orb'd she is in ☌ to the sun, and all planets when in ☌ to the sun, pass the meridian at midnight. Perigee signifies, when the moon or any planet is in that part of their orbit which is nearest to the Earth. Apogee, denotes a planet to be in that part of its orbit which is most remote from the Earth—N. B. the ☽ when in her Perigee and Apogee, has a most visible influence on the Tides, the former having a tendency to elevate, the latter to depress them more than their usual height.