

ECLIPSES.

In the year 1862 there will be five Eclipses : three of the Sun and two of the Moon.

I. A total Eclipse of the Moon, June 11th and 12th, 1862 ; visible at Halifax as follows :

Moon enters Penumbra.....	11h. 33m., evening.
Moon enters Shadow.....	0h. 28m., morning.
Total Phase.....	2h. 6m., "
Moon leaves Shadow.....	3h. 45m., "
Moon leaves Penumbra.....	4h. 40m., "
Magnitude of Eclipse=1,200, (Moon's diameter=1.)	

II. A partial Eclipse of the Sun, June 27th, 1862, invisible in Nova Scotia.

III. A partial Eclipse of the Sun, Nov. 21st, 1862 ; invisible in Nova Scotia.

IV. A total Eclipse of the Moon, December 6th, 1862 ; visible at Halifax as follows :

Moon enters Penumbra.....	0h. 20m., morning.
Moon enters Shadow.....	1h. 31m., "
Total Phase.....	3h. 26m., "
Moon leaves Shadow.....	5h. 21m., "
Moon leaves Penumbra.....	6h. 32m., "
Magnitude of Eclipse=1,415 (Moon's diameter=1.)	

V. A partial Eclipse of the Sun ; December 20th, 1862 ; visible only in Asia.

MORNING AND EVENING STARS.

VENUS will be an Evening Star till February 25th, then a Morning Star till the end of the year.

MARS will be a Morning Star till October 4th, then an Evening Star till the end of the year.

JUPITER will be a Morning Star till September 28th, then an Evening Star till the end of the year.

SATURN will be a Morning Star till September 17th, then an Evening Star till end of year.

SIGNS.

The following signs are used in our Almanack to denote the different positions and phases of the Moon. ☾ denotes the moon in the first quadrature—that is, the quadrature between change and full. ☿ denotes the Moon in the last quadrature—that is, the quadrature between full and change. ● denotes New Moon. ○ denotes Full Moon.