ECLIPSES FOR THE YEAR 1888.

During this year there will be five eclipses, three of the Sun, and two of the Moon, in the following order:

I. January 1st, there will be a total Eclipse of the Sun, invisible. This Eclipse begins on the earth generally, 1st January, 7 h. 3 m. 6, meantime at Greenwich, in longitude 179° 52′ west of Greenwich and latitude 31° 25′ North, and it ends on the earth generally January 10th, 11 h. 30 m. in longitude 93° 54′ W. of Greenwich, and latitude 30° 36′ N.

II. January 16th, there will be a partial Eclipse of the Moon, partly visible.

Middle of the Eclipse 12 h 35.

Magnitude of the Eclipse (Moon's diameter = 1) 0696.

III. June 27th, there will be an annular Eclipse of the Sun, invisible.

At the Cape of Good Hope, a partial Eclipse is visible 8 h to 53 ev. meantime.

IV. July 12th, there will be a partial Eclipse of the Moon, partly visible at Greenwich.

Middle of Eclipse, Montreal..... .....4 00 mo.

V. December 21, 22, there will be a total Eclipse of the Sun, invisible.

A partial Eclipse is visible at the Cape of Good Hope, at early morn, on the 22nd December.

Morning Stars.

Venus, until April 30th. Mars, after June 17th. Jupiter, until June 24th Saturn, until February 5th, and after August 16th. Mercury, after February 24th; until April 24th, until June 19th, after August 7th, until October 15th; after December 7th.

Evening Stars.

Venus, after April 30th. Mars, until June 17th. Jupiter, after June 24th. Saturn, after February 15th, until August 16th. Mercury, until February 14th; after April 24th, until June 19th; after August 7th, until October 15th; after December 7th.

The Four Seasons.

Winter begins December 21st, 1888, at 4h. 24m. mo., and continues 88 days 7h. 28m.

Spring begins March 19th, 1889, at 11h. 52m., ev., and lasts 93 days, 13h. 26m.

Summer begins June 21st, at 1h. 20m., mo., and continues 93 days, 9h. 50m.

Autumn begins September 22nd, at 11h. 10m., and lasts 89 days, 17h. 52m.

Winter begins December 21st, 1889, at 5h. 2m., mo.