

EXPLANATIONS

AND

Principal articles of the Calendar.

ON THE LEFT HAND PAGE will be found the day of the Month, day of the Week, Time of Sun's Rising and Setting reduced to Mean Charlottetown Time, the Equation of Time, ("Sun Fast or Slow of Clock"), for the instant of *Apparent Noon at Greenwich*, and the right of the column, the hourly change or variation of same.

The Sun's Declination is given at *Apparent Noon at Greenwich*, and the hourly variation in the next column: the DAY'S LENGTH is added to the other matter on this Page in place of the Sun's Declination at *Mean Noon*.

On the right hand page are given the Sun's Semi-diameter, Moon's Rising, Southing and Setting, and the Time of High Water at Charlottetown, Morning and Evening alternately. The Moon's *Southing*, or Transit of the Upper Meridian, is given for the use of Seamen, and is the same as found in the *Nautical Almanac*, as are also the Equation of Time and Sun's Declination.

ECLIPSES.

There will be three Eclipses in the year 1879:—Two of the Sun and One of the Moon.

1st. An Annular Eclipse of the Sun, January 22nd: Invisible to North America.

2nd. An Annular Eclipse of the Sun, July 19th: Invisible to North America.

3rd. A Partial Eclipse of the Moon, December 28th: Invisible to the greater portion of South and North America, including P. E. Island.

CHRONOLOGICAL CYCLES, &c.

Golden Number 18
Epact 7
Solar Cycle 12

Dominical Letter E
Roman Indiction 7
Julian Period 6592