

From the Sun's apparent semi-diameter which is given daily to the nearest tenth of a second, may be found the Sun's Horizontal Parallax (which equals what would be the apparent Semi-diameter of the earth as seen at the distance of the Sun) by dividing by 107.44, the proportion the Sun's actual diameter bears to that of the Earth. Thus we find for July 1 when the Sun is at its greatest distance, the Parallax is $8''.805$, and on December 31 when the Sun is nearest, the parallax is $9''.105$.

On the right hand pages of each month are given the phases of the Moon, its Rising, Southing and Setting, with the time of high water at Charlottetown, to the nearest minute of local mean time.

To aid in weather forecasts are added the bearing of the Moon at the times of Full and Change, the Perigee and Apogee, and the times of the Moon crossing the Equator, and reaching its greatest North and South Declination. It having been observed that these periods are generally found accompanied by atmospheric changes more or less marked, as they agree with the times of the Moon's changes and Perigee, ** or *** are appended when two or more of those influences concur within the space of 48 hours.

ECLIPSES.

During the year 1894 there will be four Eclipses, two of the Sun and two of the Moon, of these but one will be visible at Charlottetown:—

(I) A Partial Eclipse of the Moon, March 21st, 1894. Greenwich mean time of opposition 1 h. 27 mins. 18.7 secs. p. m.

(II) An Annular Eclipse of the Sun, April 5th, 1894. Greenwich mean time of conjunction 16 hrs. 27 mins. 39.2 secs. Central line of Moon's shadow passing across Asia from Bombay, Calcutta, China to Behring's Strait.

(III) A partial Eclipse of the Moon September 14th, 1894, Greenwich mean time of opposition 15 hrs. 35 mins. 45.5 secs.

The phases of the Eclipse will be for Charlottetown.—

First contact with Penumbra,	Sept. 14th,	9h. 48m.,	p. m.
“ “ Shadow,	“ “	10h. 23m.,	p. m.
Middle of Eclipse,	“ “	12h. 19m.,	m'night
Last contact of Shadow,	“ “	1h. 14m.,	a. m.
“ “ Penumbra,	“ “	2h. 50m.,	a. m.

but a very small portion of the disc will be obscured.