ECLIPSES.

In the year 1860 there will be FOUR Eclipses,—two of the Sun and two of the Moon.

I. An annular Eclipse of the Sun, Jan. 22nd, invisible in Nova Scotia.

II. A partial Eclipse of the Moon, Feb. 6th, visible at Halifax as follows:—

Moon enters Penumbra	7h	. 48m.	evening.
Moon enters Shadow			"
Middle of Eclipse	10	15	"
Moon leaves Shadow	11	41	"
Moon leaves Penumbra	12	42	46

First contact of Shadow with Moon's limb 79° from North Point towards the East.

Last contact of Shadow with Moon's Limb 32° from North Point towards the West.

Magnitude of Eclipse-0.812 (Moon's Diameter=1).

III. A total Eclipse of the Sun, July 17th. This Eclipse will be visible throughout the whole of North America. Commencing at Halifax at 8h. 35m., and ends at 11h. 25m., A. M.

IV. A partial Eclipse of the Moon, August 1st, invisible in Nova Scotia.

MORNING AND EVENING STARS.

Venus will be an Evening Star till the 10th of July, and then a Morning Star till the end of the year.

Mars will be a Morning Star the whole year.

Jupiter will be a Morning Star till July 12th, and then an Evening Star till the end of the year.

Saturn will be an Evening Star till August 6th, and then a Morning Star till the end of the year.

FIXED AND MOVEABLE FEASTS.

			- 1
CircumcisionJan.	1 1	Birth Queen Victoria May	24
Epiphany	6	Ascension Day	17
SeptuagesimaFeb.	5		27
Sexagesima	12	Trinity SundayJune	3
Shrove Sunday	19	Corpus Christi ,	7
Ash Wednesday Lent beg'n	22	Accession of Q. Victoria.	2 0
St. Patrick's Day Mar.	17	St. John, Baptist	24
Palm SundayApril	1	Birth Prince AlbertAug.	26
Good Friday	6	Birth Prince of WalesNov.	9
St. George's Day	23	Advent SundayDec.	2
Easter SundayMay	8	St. Andrew's Day	30
Low Sunday	15	Christmas Day	25
· ·		•	

1860.7

Feb. 29-19, 21, 22.

The follo positions a quadraturethe Moon and change

When viewonderfully or valleys, a than the gethe shadows drawn, on w and names a to be four mithem, and off

Latitud Longit

NOTR.—It is tions are in Mea.
Also that the Su

CAUSE OF French Astron the following Southern hem the aqueous in this part humid cap en and facilitates upper portions especially at the quently pass into in the air, simila it were, a kine conduct the elecare at the same t In fact all obse constantly preced margins of whice and indeed it is especially in those