

MORNING AND EVENING STARS.

VENUS will be visible in the morning, in the South east, or East, before sunrise until 24th July, the day of her superior conjunction with the Sun, and afterwards in the Evening after sunset, in the west, or south west. The remainder of the year MARS will be visible in the West after sunset until 1st May, the day of his conjunction with the Sun, afterwards in the Morning in the East, the remainder of the year. During the whole of 1840 this planet will be very remote from the Earth and will shine with little of the splendor of its appearance, when in opposition. His next opposition takes place April 17, 1841, the last took place March 11, 1839. JUPITER will be in opposition to the Sun on 4th May, and in conjunction on 21st Nov. SATURN will be in opposition to the Sun on 8th June, and in conjunction on Decr. 15. HERSCHEL, or URANUS will be in conjunction with the Sun on 6th March, and in opposition on 10th Sept. MERCURY, the least of the old planets, is but seldom seen by the naked eye, or it is never visible more than about two hours before the rising or after the setting, of the Sun. The following will be the most favorable times in Charlotte-Town for viewing it in 1840. It generally appears like a reddish star of the first magnitude.

Jan. 1st to 10th, in the morning before sunrise, bearing E. S. E.
 March 13 to 25, in the evening after sunset " West.
 July 1 to 7, in the evening after sunset " W. by N.
 Augt. 25 to Sept. 7, in the morning before sunrise " E. by N.
 Decr. 7 to 25, in the morning before sunrise " E. S. E.

	h.	m.	s.
Winter begins 1839, Decr. 22	7	7	46 m.
Spring " 1840, March 21	8	26	11 m.
Summer " June 21	4	33	21 m.
Autumn " Sept. 22	7	38	2 a.
Winter " Decr. 21	0	58	36 a.

	d.	h.	m.	s.
Length of Winter Season	89	1	18	25
Spring "	92	20	7	10
Summer "	93	15	4	41
Autumn "	89	17	20	34

Length of the year	365	5	50	34
Average length of the tropical year	365	5	48	48

ECLIPSES IN 1840.

There will this year be Four Eclipses—two of the Sun, two of the Moon; of which only one, that of the Moon, on the 13th August, will be visible in Charlotte-Town.

I. Monday Morning, Feb. 17th. a partial eclipses of the moon, visible in the Western part of North America, but not in Prince Edward Island.