

# ECLIPSES DURING THE YEAR 1870.

Although there will be six Eclipses this year, none of them will require special notice here, as only one will be visible, and that at the Eastern extremity of the Dominion of Canada.

I. On the 17th of January there will be total Eclipse of the Moon visible in Asia, Europe, and the Western part of North America.

II. On the 31st of January there will be a partial Eclipse of the Sun, not visible in this Dominion.

III. On the 28th of June there will be an Eclipse of the Sun, not visible here.

IV. On the 12th of July there will be a total Eclipse of the Moon, visible in the Eastern parts of Nova Scotia, New Brunswick and Newfoundland.

V. On the 28th of July, a partial Eclipse of the Sun will occur in the Arctic Regions.

VI. On the 28th December, a total Eclipse of the Sun will take place, but not visible in any part of North America.

## EQUINOXES AND SOLTICES.

		D.	H.	M.
Vernal Equinox begins.....	March	20	at 2	24 evening.
Summer Solstice ".....	June	21	10 48	morning.
Autumnal Equinox ".....	Sept'r	23	1	1 morning.
Winter Solstice ".....	Dec'r	21	7 5	evening.

## APPEARANCES OF THE PLANETS, 1870.

Venus will be an Evening Star, until February 23, thence until December 8th a Morning Star. Mars will be a Morning Star from March 12, to near the end of the year. Jupiter will be a Morning Star from May 24 to September 18 and then an Evening Star. Saturn is a Morning Star, until March 18 and an Evening Star from that date to December 22nd. The times most favorable for seeing Mercury will be March 3. July 1, and October 22, then in the East a little before Sunrise. Also, low in the West soon after Sunset on 15th January, 8th May, 4th September and 29th December.

Generally used throughout the Dominion.