

**ECLIPSES DURING THE YEAR 1856.**

There will be two Eclipses of the Sun this year, and two of the Moon, those of the Moon only being visible.

- I.—April 5th, the Sun will be totally eclipsed, but entirely invisible on this continent.
- II.—April 20th, in the morning there will be a partial Eclipse of the Moon. Magnitude, 8544 digits, or over two-thirds, on the Northern limb. At Montreal it begins at 40 minutes past two, middles 10 minutes past 4, ends 43 minutes past 5.
- III.—September 28th, an Annular Eclipse of the Sun occurs, but it will not be visible in this country.
- IV.—October 13th, in the evening, a partial Eclipse of the Moon will take place visibly. Magnitude, 11976 digits on the Southern limb. This Eclipse begins before the Moon rises here, and therefore will rise (5h. 15m.) with the Eclipse upon it. At Montreal this Eclipse middles at 6h. 0m., and ends 34 minutes past 7.

**DURATION OF THE SEASONS, &c.**

	D.	H.	M.		D.	H.	M.
Sun in Winter Signs.....	89	1	1	Tropical Year.....	365	5	51
Sun in Spring Signs.....	92	20	49	Sun North of the Equator	186	11	4
Sun in Summer Signs....	93	14	15	Sun South of the Equator	178	18	47
Sun in Autumnal Signs...	89	17	46	Difference .....	7	16	17

	d.	h.	m.	
Vernal Equinox, 1856, begins.....	March	20	4	41 Morning.
Summer Solstice.....	begins.....	June	21	1 30 Morning.
Autumnal Equinox.....	begins.....	September	22	3 45 Evening.
Winter Solstice.....	begins.....	December	21	9 31 Morning.

**APOGEE AND PERIGEE OF THE SUN.**

Sun's Apogee July 2nd.....	} distance {	96,702,364	} English miles.
Sun's mean distance, March 31st			
and October 3rd .....			

**APPEARANCE OF PLANETS, 1856.**

Mercury will be visible in the West soon after sunset about 29th January, 23rd May, and 19th September, and in the East just before sunrise, about 18th March, 16th July, and 5th Nov.

Venus will be morning star until 19th July, then evening star until 10th May, 1857. Mars will be morning star until 1st April, then evening star until 7th July, 1857. Jupiter will be evening star until 5th March, then morning star until 26th September, then evening star until 11th April, 1857. Saturn will be evening star until 24th June, then morning until 31st Dec.