

ECLIPSES DURING THE YEAR 1860.

During this year there will be four Eclipses, two of the Sun and two of the Moon.

I.—On the 22nd of January there will be an Annular Eclipse of the Sun, but it will not be visible in America.

II.—On the 6th day of February there will be a partial Eclipse of the Moon. Visible in size 9 744 digits on the North limb. It begins in the Evening at Montreal 9 minutes past 8. The Eclipse attains its largest size at 35 minutes past 9, and ends about 11 o'clock. It begins in Toronto 7.46; middles 9.12, and ends at 38 minutes past 10.

III.—On the 18th of July there will be a total Eclipse of the Sun in the Morning. On this Continent it will be only partial. In Canada it will be visible about two hours, beginning a few minutes past 7 in the morning and ending a few minutes past 9.

IV.—On the 1st day of August there will be a partial Eclipse of the Moon, but it will not be visible in Canada.

DURATION OF THE SEASONS, &c.

		D.	H.	M.
586	Vernal Equinox, begins	March	20	3 57 Morn.
127	Summer Solstice, "	June	21	0 35 Morn.
	Autumnal Equinox, "	September	22	2 44 Even.
	Winter Solstice, "	December	21	8 43 Morn.

		D.	H.	M.		D.	H.	M.
ril	1	Sun in Winter Signs....	89	1	2	Tropical Year.....	365	5 48
ay	1	Sun in Spring Signs....	92	20	38	Sun North of the Equator	186	10 47
	2	Sun in Summer Signs....	93	14	9	Sun South of the Equator	178	19 6
ne		Sun in Autumnal Signs.	89	17	59	Difference	7	15 46

APPEARANCE OF PLANETS, 1860.

Until July 18th Venus will be the Evening Star, and then the Morning Star the rest of the year. Until July 17th, Mars will be Morning Star, then Evening the remainder of the year. Saturn will be Morning Star until February 11th, then Evening Star until August 22nd, then Morning Star the rest of the year. Venus will be Eclipsed by the Moon on the 24th of April, visible generally throughout the country. The Planet will disappear behind the Moon about half past eight in the Evening and re-appear about 9. Jupiter will also be Eclipsed by the Moon North 43° on the 26th of April, about one hour before the Moon sets,