

II. SUN. A Partial Eclipse, May 26th. This Eclipse is visible within the following limits: Eclipse begins long. $26^{\circ} 57' W.$, lat. $25^{\circ} 4' N.$, at 2h. 39m. A. M.; greatest aspect, long. $99^{\circ} 46' W.$, lat. $62^{\circ} 54' N.$, at 5h. 49m. A. M.; eclipse ends, long. $131^{\circ} 13' E.$, lat. $52^{\circ} 57' N.$, at 6h. 50m. A. M., mean time, St. John. Invisible in New Brunswick.

III. MOON. A total Eclipse, Nov. 4th.

Enters Penumbra,	Nov. 4th,	8h. 41m. A. M.	} Saint John Mean Time.
do. Umbra,	" "	9h. 42m. A. M.	
Total aspect begins,	" "	10h. 44m. A. M.	
Middle of Eclipse,	" "	11h. 27m. A. M.	
Total Eclipse ends,	" "	0h. 10m. P. M.	
Emerges from Umbra,	" "	1h. 11m. P. M.	
do. Penumbra,	" "	2h. 10m. P. M.	

Magnitude of the Eclipse (moon's diameter=1) 1'419.

The Moon is below the Horizon of St. John during the period of the phenomena.

IV. SUN. A Partial Eclipse, Nov. 19th, 20th. Invisible in any part of the Dominion of Canada. It is only needful to add that it can be only viewed in the South Circum-Polar regions.

Astronomical Symbols.

☉ Sun.	♀ Pallas.	♂ Conjunction.	W. West.
☿ Mercury.	♄ Juno.	☐ Quadrature,	° Degrees.
♀ Venus.	♃ Vesta.	♄ Opposition.	' Minutes (arc.)
♁ Earth.	♃ Jupiter.	♊ Ascending Node	" Seconds (arc.)
☾ Moon	♄ Saturn.	♋ Descending Node	h. hours.
♂ Mars.	♅ Uranus.	N. North. S. South.	m. Minutes, time.
♁ Ceres.	♆ Neptune.	E. East.	s. Seconds, time.

perh. perihelion. aph. aphelion. ap. apogee. per. perigee. p. m. afternoon.
A. M. morning. Inf. inferior. sup. superior. a. aft. m. morn. st. sta. stationary.

SUMMER SPRING	{ 0 ♈ Aries, - - - 0°	WINTER AUTUMN	{ 6 ♎ Libra, - - - 180°
	{ 1 ♉ Taurus, - - - 30		{ 7 ♏ Scorpio, - - - 210
	{ 2 ♊ Gemini, - - - 60		{ 8 ♐ Sagittarius, - - - 240
	{ 3 ♋ Cancer, - - - 90		{ 9 ♑ Capricornus, - - - 270
	{ 4 ♌ Leo, - - - 120		{ 10 ♒ Aquarius, - - - 300
	{ 5 ♍ Virgo, - - - 150		{ 11 ♏ Pisces, - - - 330

Cycles and Eras.

Dominical Letters,.....	E	Era of Diocletian,.....	1589
Epaet,.....	1	" Yezdigird III. (Persian),.....	1243
Golden Number,.....	12	" Spain (of the Caesars),.....	1911
Solar Cycle,.....	6	Year of World (Hebrew),.....	5633-34
Roman Indiction,.....	I	" " (Byzantine),.....	7381-82
Julian Period,.....	6586	Year of Rome, A.U.C. (Varro),.....	2623
Day of Jul. Per. Jan. 1st, 2, 105, 160		" Olympiads,.....	2641
Era of Nabonassar,.....	2620	Fourth Year of Olympiad,....	665
" the Seleucidae,.....	2185	Anno Hegira (Moham'dan),.....	1289-90