

Eclipses.

In the year 1854 there will be two Eclipses of the Sun and two of the Moon.

I.—A partial Eclipse of the Moon, May 12, 1854—invisible.

II.—An annular Eclipse of the Sun, May 26, 1854—visible at Halifax, as follows :

Central Eclipse begins May 26th, 2h. 40m. evening.

Central ditto 26th, 4h. 41m. do.

Ends ditto 26th, 6h. 16m. do.

III.—Eclipse of the Moon, November 4, 1854—ends soon after Moon rising.

First contact with the Shadow, 4th, 4h. 31m. evening.

Middle of Eclipse, 4th, 4h. 58m. do.

Last contact with the Shadow, 4th, 5h. 25m. do.

IV.—Total Eclipse of the Sun, November 20, 1854—invisible.

Morning and Evening Stars.

VENUS will be an evening Star to the end of February, and then a Morning Star to 15th December.

JUPITER will be a Morning Star from the first of the year to 15th July ; then an Evening Star to the end of the year.

Phenomena, 1854.

Occultations of Planets and fixed Stars by the Moon. Greenwich mean time.

	Disappearance.		Re-appearance.		
	H.	M.	H.	M.	
<i>Aries</i> , January 7,	5	49	7	8	Astronomical time.
<i>Saturn</i> , January 5,	4	13	4	34	
<i>Mars</i> , March 12,	15	11	15	37	
<i>Geminorum</i> , April 4,	12	50	13	2	
<i>Libra</i> , May 12,	7	34	8	10	
<i>Leonis</i> , June 2,	11	5	12	1	
<i>Capricorni</i> , July 11,	14	29	15	38	
<i>Geminorum</i> , August 19,	13	46	14	17	
<i>Arietis</i> , September 10,	16	35	17	37	
<i>Tauri</i> , October 11,	14	37	15	55	
<i>Capricorni</i> , November 25,	6	45	7	44	
<i>Leonis</i> , December 10,	17	44	19	2	

NOTE.—All mean time, except the rising and setting of the Sun. The Sun and Moon's declination are given for the meridian of Greenwich.

High Water at St. John, N. B. is $4\frac{1}{2}$, Annapolis $3\frac{1}{2}$, Pictou $1\frac{1}{2}$, Portland $3\frac{1}{2}$, and at Boston 4 hours, later than at Halifax.

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