

ECLIPSES.

There will be three Eclipses this year—two of the **SUN** and one of the **MOON**.

I.—An annular Eclipse of the Sun on the 6th June, visible only in Mexico, South America, and South Pacific Ocean.

II.—A partial Eclipse of the Moon, visible in Nova Scotia, June 20th and 21st, as follows :

First contact with the Penumbra,	11h. 38m. P.M. June 20.
First contact with the Shadow,	0h. 59m. A.M. June 21.
Middle of the Eclipse,	1h. 47m. " "
Last contact with the Shadow,	2h. 35m. " "
Last contact with the Penumbra,	3h. 56m. " "
Magnitude of the Eclipse 1-5 of diameter on the North. Limb.	

III.—A total Eclipse of the Sun, November 30th, invisible in Nova Scotia—visible in South America and the Pacific Ocean.

Morning and Evening Stars.

VENUS will be an Evening Star till her conjunction with the Sun, May 13th ; then a Morning Star throughout the year.

MARS will be an Evening Star till the 25th February ; then a Morning Star till the end of the year.

JUPITER will be a Morning Star till June 10th ; then an Evening Star till his conjunction with the Sun, December 27th.

SATURN will be an Evening Star till his conjunction on the 12th May ; then a Morning Star till November 19th, and afterwards an Evening Star.

Meridian Passage of Polar Star.

<i>Above the Pole.</i>					<i>Below the Pole.</i>				
January 1st—	At	6h.	20m.	51s. P. M.,	and at	6h.	22m.	49s. A. M.	
Feb'y. 1	"	4	18	31	"	4	20	29	"
March 1	"	2	28	7	"	2	30	5	"
April 1	"	0	22	8	"	0	24	6	"
May 1	"	10	24	17	A. M.	10	26	15	P. M.
June 1	"	8	22	41	"	8	24	39	"
July 1	"	6	25	8	"	6	27	6	"
August 1	"	4	23	40	"	4	25	38	"
Sept'r. 1	"	2	22	7	"	2	24	5	"
Oct'r. 1	"	0	24	19	"	0	26	17	"
Nov'r. 1	"	10	22	25	P. M.	10	24	23	A. M.
Dec'r. 1	"	8	24	15	"	8	26	13	"

Useful Dates for 1853.

361 years since the Discovery of America,	Oct. 11—1492.
104 " " Landing of the Loyalists in N.S., June 8—1749.	
94 " " Conquest of Canada by Gr. Br., Sep. 18—1759.	
77 " " Declar'n. of Am. Independence, July 4—1776.	

The time of Phases, and the variation of Time, at noon at Greenwich, at present time. The marked S. D. date of each pe

The names of from heathen nations by the ancient by some ; but, confusion that w first month was bruary, from Fe from Mars ; the buds and flower to whom this m seventh July, Cæsar ; the nin and decem ; bein which was then being new-year was called sexti changed, in hon and added to it. 29 days, and in of the bissextile

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From remote rude—and civiliz enced the weath ted against the o be settled, but in ence and Arts, meteorological c long continued s new moon regula tion, and also ch Thus, if the new term day was th May determined 3rd, 11th and 19 tion." This is a of the moon is opinion among th