

ECLIPSES IN 1856.

There will be Four Eclipses this year—Two of the Sun and Two of the Moon.

I. April 4. A total Eclipse of the Sun, *invisible* in North and South America, Europe and Africa, but will be total and central in Australia. It will be partial in New Guinea and Borneo.

II. April 20. A partial Eclipse of the Moon, part of which will be visible in Nova Scotia.

First contact with the Penumbra	-	-	2 1 M	} Mean time at Halifax.
First contact with the Shadow	-	-	3 20 M	
Middle of the Eclipse	-	-	4 52 M	
Last contact with the Shadow	-	-	6 24 M	
Last contact with the Penumbra	-	-	7 43 M	

Magnitude of the Eclipse (Moon's diameter = 1) 0,706 on the northern limb. The moon will set eclipsed at sunrise.

III. Sept. 28 and 29. An Annular Eclipse of the Sun, *invisible* in Nova Scotia, but will be seen in the northern part of North America and northern part of Europe. It will be central in Siberia, and the Sun will set eclipsed at Behring's Straits. This Eclipse will begin Sept. 28, 9h. 15m. A., and will end Sept. 29, 0h. 14m. M. mean time at Halifax.

IV. Oct. 13. A partial Eclipse of the Moon, *visible* in America and Europe, as follows:—

First contact with the Penumbra	-	-	4 8 A	} Mean time at Halifax.
First contact with the Shadow	-	-	5 7 A	
Middle of the Eclipse	-	-	6 40 A	
Last contact with the Shadow	-	-	8 15 A	
Last contact with the Penumbra	-	-	9 13 A	

The Moon will rise partially Eclipsed.

Magnitude of the Eclipse (Moon's diameter = 1) 0,994 on the southern limb. The first contact with the Shadow occurs at 90° from the northernmost point of the Moon's limb towards the East. The last contact at 146° towards the West.