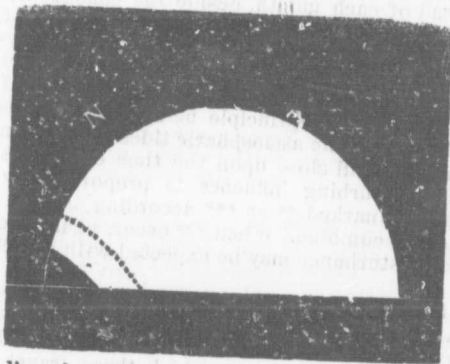


time of conjunction, 22h. 37m. 8.3s. Half-past 10 in the morning of the 28th, only visible at the extreme northern parts of Asia. The shadow of the Moon will pass over the earth from east to west.

VI. A total eclipse of the Sun, December 22. Greenwich mean time of conjunction, 0h. 18m. 55.1s. The line of totality or centre of the Moon's shadow will pass near Cadiz, Algiers, Tunis, Malta, the centre of Greece, Constantinople and the Crimea. The eclipse will be partially visible at Charlottetown, ending a little after sunrise. More of the Phase will be seen to the eastward, as here represented.

SOLAR ECLIPSE OF DECEMBER 22ND, AS SEEN AT CHARLOTTETOWN.



The dotted line shows the Phase as it will appear at East Point.

PLANETS AND OCCULTATIONS.

MERCURY. The apparent motion is alternately direct or eastward and retrograde or westward between the following dates, when he will be stationary either to the east or west of the Sun: January 24th, E.; February 14th, W.; May 24th, E., June 16th, W.; September 21st, E., and October 12th, W. Occultation by the Moon, February 27th, June 26th.

VENUS. The apparent motion is direct till January 31st, retrograde till March 14th, then direct till the end of the year. She will be an evening star till February 23rd, the time of her inferior conjunction, after which she will reappear as a morning star, till December 7th. Occultation by the Moon, July 25th, August 24th.

MARS. Apparent motion direct throughout the year. He will be in conjunction with the Sun on the 12th of March, after which he will reappear as an evening star till the end of the year. Occultation by the Moon. August 23rd, September 20th.

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