

II. Tuesday and Wednesday, March 3rd. and 4th. an annular Eclipse of the Sun, visible throughout Asia, Borneo and Sumatra, in a part of the Indian Ocean, and in the North Eastern part of Africa and Europe, but central only in Asia—The path of the central eclipse first touches the Earth, in the Arabian Sea near the Arabian Coast, thence passes across Hindostan, the northern part of Burmah and of China, the eastern part of Tartary to the north eastern part of Siberia when it leaves the Earth. The Eclipse will be very large in Goa, Calcutta and Pekin; in Bombay it will probably be annular. No part of the eclipse will be visible in America, Australia, the Western part of Africa, or of Europe.

III. A partial Eclipse of the Moon, visible in Charlotte-Town, on Thursday morning, August 13th, as follows, viz:—

	h. m.		
Beginning of the Eclipse	-	-	1 43 $\frac{1}{2}$
Greatest Obscuration	-	-	3 8 $\frac{1}{2}$
End of the Eclipse	-	-	4 33 $\frac{1}{2}$
Digits eclipsed 7° 17' on the northern limb of the Moon.			

This eclipse will be visible throughout America, but in no other continent.

IV. August 26th and 27th a total Eclipse of the Sun visible to the greater part of Africa, to the South eastern part of Arabia, the South eastern part of Australia, in the Island of Madagascar, and in a large part of the Indian Ocean, but wholly invisible throughout America and Europe. The path of the central Eclipse first touches the Earth near the Western Coast of Africa, about 1400 miles north of the Cape of Good Hope; it thence passes in an easterly direction across that continent and the northern part of the Island of Madagascar to the Indian Ocean, thence in a South easterly direction, over said Ocean about 5000 miles to lat. 64° South lon. 129° East where it leaves the Earth. At the Cape of Good Hope about one half of the Sun will be eclipsed.

#### OCCULTATIONS.

The most important occultations probably visible in 1840 are those of part of the Pleiades in the evenings of Jan. 14, Feb. 10, July 23, Oct. 13, the morning of Nov. 10, and in the evening of Dec. 7; those of Regulus, (a star of the first magnitude) in the evening of Jan. 20 and March 15; those of "tau m" (a star of the third magnitude) in the morning of April 20, and in the evening of July 10; and that of Mercury on the evening of June 30.

#### EXPLANATION.

Column 1. Day

2. Day

3. Rise

4. Set

5. Day

6. Equinox

7. Sun

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8. Rise

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10. Moon

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11. Day

1. Day

2. Sun

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