

Islands, north of Sierra Leone, across the Gulf of Guinea, and over Africa. The central Eclipse begins at 11h. 7 min., morning, in longitude 76 deg. 56 min. west of Greenwich, and latitude 43 deg. 15 min. north. Central Eclipse at noon, 0 h. 43 min., in longitude 13 deg. 1 min. west of Greenwich, and latitude 31 min. north.

The central Eclipse ends at 2 h. 48 min. 6 sec., in longitude 46 deg. 4 min. east of Greenwich, and latitude 15 deg. 6 min. south.

It ends, generally, on the earth September 29, at 3 h. 54 min. 6 sec. afternoon, in longitude 29 deg. 55 min., east of Greenwich, and latitude 20 deg. 14 min. south.

This Eclipse will be partially visible at Greenwich, Cambridge, Oxford, Liverpool, Edinburgh, Dublin, and the Cape of Good Hope.

At London the Eclipse begins at 11 h. 25 min. just before noon, and ends at 47 min. after noon.

APPEARANCES OF THE PLANETS.

Venus will be a Morning Star until September 23rd, after that date an Evening Star.

Mars will be a Morning Star until the 26th February, after which date an Evening Star.

Jupiter will be a Morning Star until January 20th, and from that date until Nov. 4th an Evening Star.

Saturn will be an Evening Star until Feb. 5th, a Morning Star from Feb. 15 to May 16, and after May 16 an Evening Star again.