



Courtesy of [John French-Abrams Planetarium](#)

The Eclipse

The Eclipse is an awesome car with power windows, power... Oh wait, wrong eclipse!

One of the most spectacular sights you will ever see is a solar or lunar eclipse. A solar eclipse occurs when the moon shadows the sun's light, so that the sun's surface is either partially or completely blocked by the moon as seen from earth. A lunar eclipse occurs when the moon passes through a shadow that is cast by the earth. When this happens, the moon appears dark red in color. The moon is exposed to the sun's light only as it is passing through the earth's atmosphere.

Eclipses occur more frequently than most of us are aware of. Scientists predict that between 1996 and 2006 there will be roughly 49 solar and lunar eclipses. The ability to see a total eclipse depends on the observer's location, so these are in fact more difficult to see.

If you ever have the opportunity to see an eclipse, don't pass it up. It is awesome!

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[Sun and Moon Eclipses](#)

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