

Guidepost

In the previous chapter we studied daily and yearly cycles of the Sun. We will now focus on the cycles of the Moon in order to answer some of the following questions:

•Why does the Moon go through phases?

•What causes a lunar eclipse?

•What causes a solar eclipse?

How can eclipses be predicted?

Understanding the phases of the Moon and eclipses will be an exercise in scientific imagination and will help you enjoy the marvelous sight of the Moon moving across the sky.

Outline

- Cycles of the Moon A. The Changeable Moon
 - B. Lunar Eclipses
 - C. Solar Eclipses
 - D. Predicting Eclipses

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