## **Long duration lunar eclipse visible in June**

Eastern Africa, the Middle East, central Asia and western Australia will see an unusually long eclipse of the moon on June 15. The total phase will last 100 minutes, the longest lunar eclipse since July 2000

Evening of Jun 15 Mornina of Jun 16 Eclipse visible Eclipse visible at moonrise at moonset No eclipse visible **Full eclipse** visible

## **ECLIPSE ANATOMY**

1 Earth blocks sunlight usually reflected by moon, creating partial (penumbra) or total (umbra) shadow

Sun Sunlight

2 Some sunlight is refracted through Earth's atmosphere, giving moon a deep red glow

Earth

Moon

orbit

Moon

Umbra Penumbra