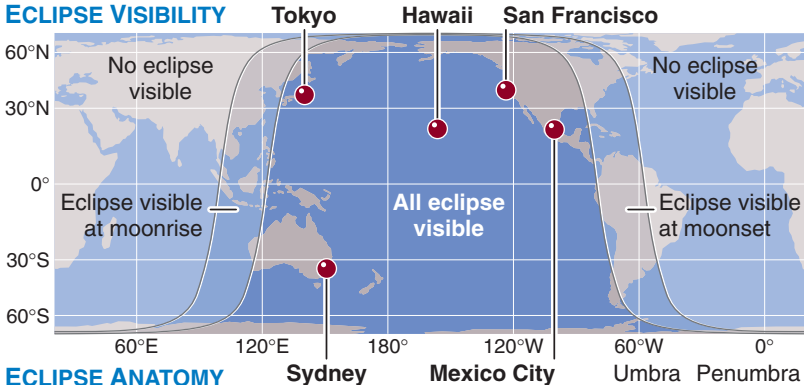


Total eclipse of the moon

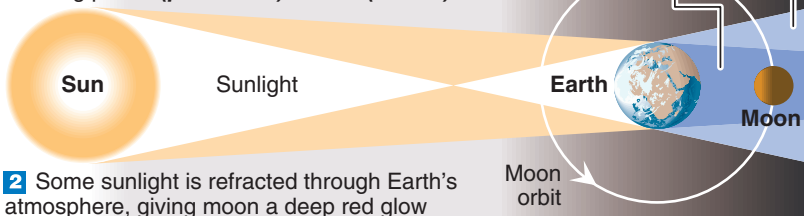
On Tuesday, August 28, the Americas, the Pacific, eastern Asia and Australasia will witness a total lunar eclipse, when the moon undergoes a dramatic colour change as it enters Earth's shadow. **Totality** – when the moon is completely in shadow – begins at 09:52 GMT and lasts 90 minutes

ECLIPSE VISIBILITY



ECLIPSE ANATOMY

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



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