

7th-8th September 2025 Total Lunar Eclipse



Stages of a Total Lunar Eclipse

Penumbral eclipse

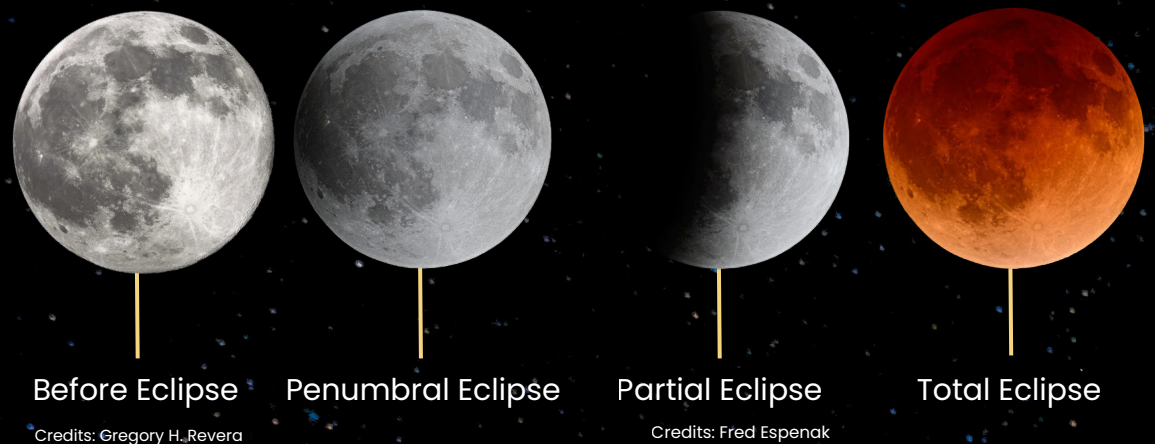
The Moon is covered by the Earth's lighter penumbral shadow. This phase is difficult to detect with unaided eyes, and needs a pair of binoculars or telescopes to perceive it.

Partial eclipse

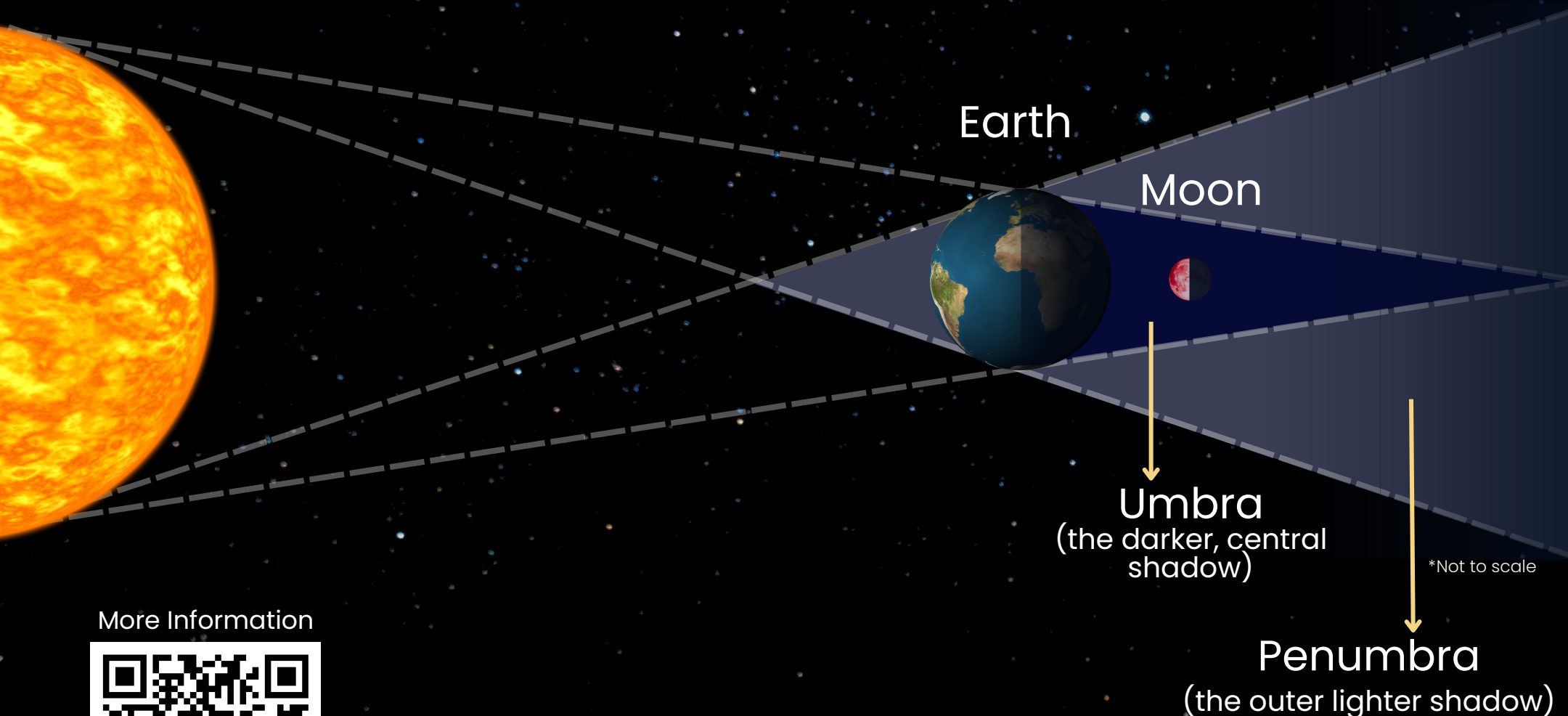
Earth's umbral shadow covers a portion of the Moon and can very easily be seen with unaided eyes.

Total eclipse

The Moon is entirely inside the Earth's umbra and will appear dark red, the exact shade depending on atmospheric conditions.



Sun



More Information



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