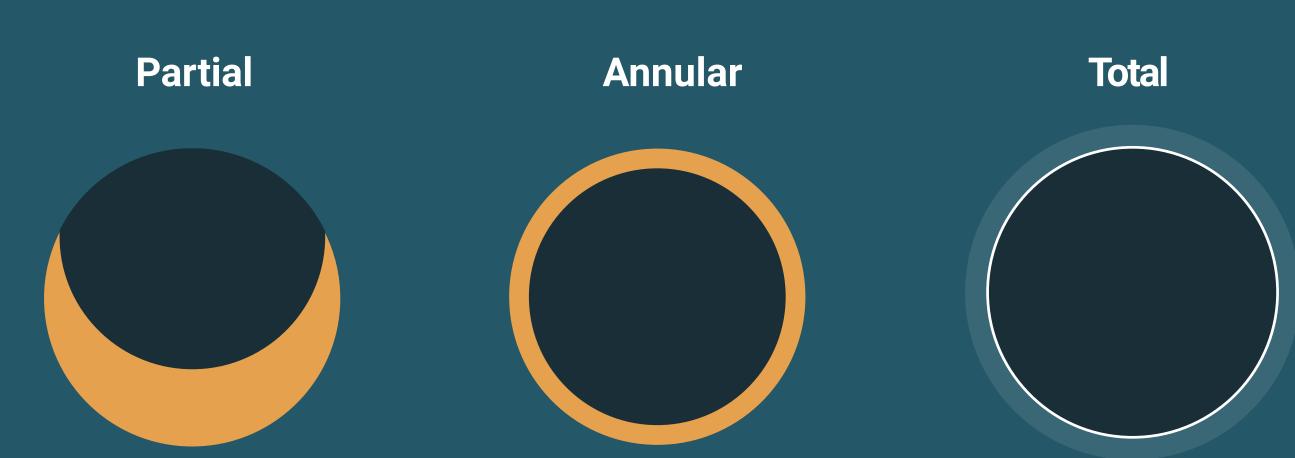
Types of Solar Eclipses

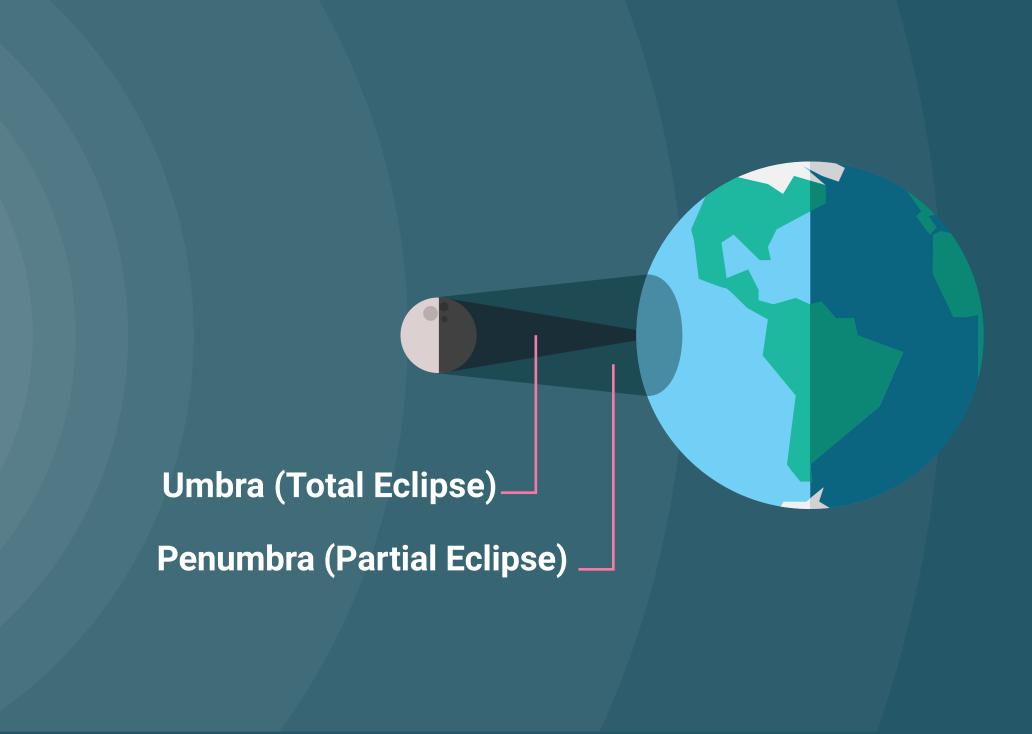


Solar Eclipses happen during a New Moon, when the Moon moves between the Earth and the Sun and the three celestial bodies form a straight line or almost a straight line: Earth - Moon - Sun.

There are 3 kinds of Solar Eclipses. There is also a rare hybrid that is a combination of two eclipses.

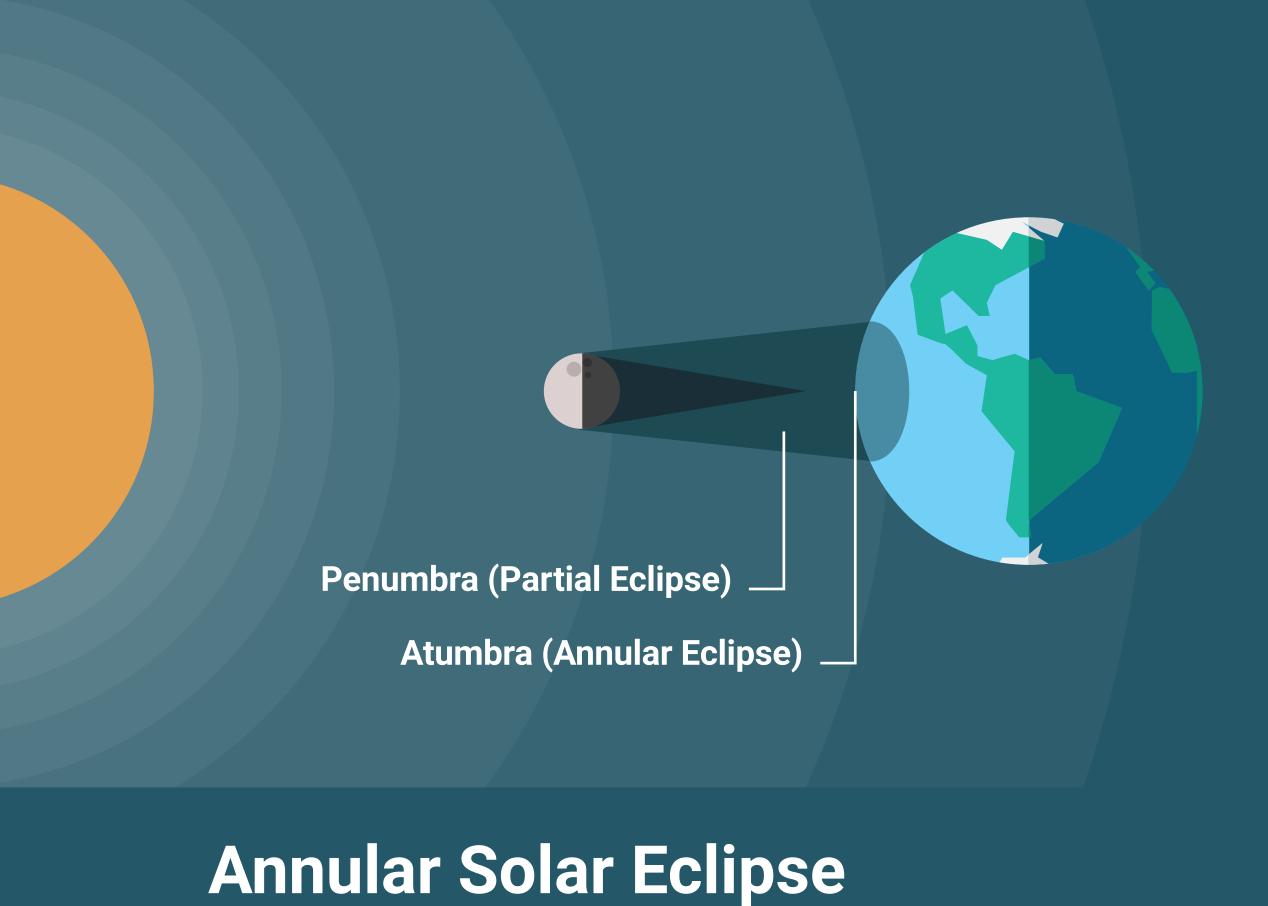
To scale

MOON



Total Solar Eclipse Total Solar Eclipses occur when the Moon comes

between the Sun and the Earth and casts the darkest part of its shadow (the Umbra) on Earth. The darkest point of the eclipse is almost as dark as night.



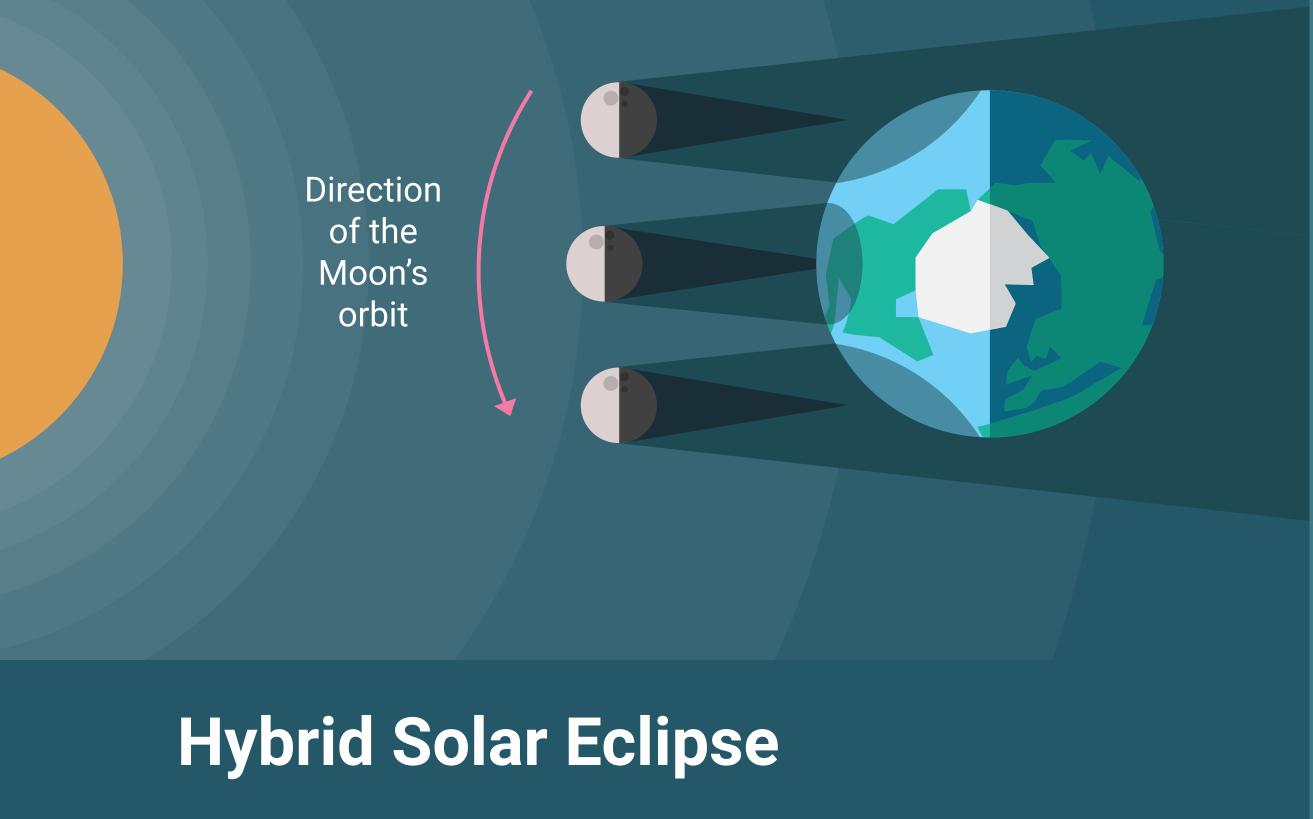
An Annular Solar eclipse happens when the Moon covers the Sun's center, leaving the Sun's visible

outer edges to form a "ring of fire" or annulus

around the Moon.



in a perfectly straight line. Because of this, the Moon only partially covers the Sun's disc.



A Hybrid Solar Eclipse is a rare form of Solar Eclipse, which changes from an Annular to a Total Solar Eclipse along its path.

Note: Illustrations are not to scale.

