

2022 Eclipse

Total lunar eclipse

The Moon is completely covered by Earth's dark inner shadow, turning the lunar surface dark orange or red.

Partial lunar eclipse

Earth's shadow covers only part of the lunar disk, so it looks as though something has taken a bite out of it.

Total solar eclipse

The Moon passes between Earth and Sun, completely covering the Sun's disk along a narrow path.

Partial solar eclipse

The Moon covers only part of the Sun, so the Sun remains visible. Depending on how much of the Sun is obscured, the sky may turn dusky and temperatures may drop.

Annular solar eclipse

The Moon is a bit farther from Earth than average, so a ring of sunlight encircles the Moon as it passes between Earth and Sun.

Partial SOLAR Eclipse Apr 30, 2022, at 4:28 PM, at 10° Taurus 28'

Total LUNAR Eclipse May 16, 2022, at 12:14 AM, at 25° Scorpio 18'

Partial SOLAR Eclipse Oct 25, 2022, at 6:49 AM, at 2° Scorpio 00'

Total LUNAR Eclipse November 8, 2022, at 6:02 AM, at 16° Taurus 01'