

Occultation- *An occultation is an event that occurs when one object is hidden from the observer by another object that passes between them.*

The astronomical term “occultation” comes from the Latin word “occultus”, which means “hidden”.

At the same time, The **two conditions** that must be satisfied for an occultation to occur:

1) *The body closest to the observer must have a larger visible size than the far one, and should cover it completely.*

2) *It should have a lower surface brightness.*

Today on March 24, 2023 the waxing crescent (a phase of lunar cycle) Moon and Venus shared the same right ascension in the constellation Aries.

After a few minutes, the Moon and Venus will make the closest approach. The illuminated lunar disk will pass 0°06' south of the planet. .

Observers will see the lunar disk pass in front of Venus, creating a lunar occultation.