



Lunar Eclipse Schedule

May 15-16, 2022

In Eastern Daylight Time

EDT (May 15-16)	Event	What's Happening?
9:32 PM, May 15	<i>Penumbral eclipse begins</i>	The Moon enters the Earth's penumbra, the outer part of the shadow. The Moon begins to dim, but you can't really see it.
10:27 PM, May 15	<i>Partial eclipse begins</i>	The Moon begins to enter Earth's umbra and the partial eclipse begins. The umbra is the darkest part of Earth's shadow. To the naked eye, it looks like someone took a big bite out of the Moon!!
11:29 PM, May 15	<i>Totality begins</i>	The total lunar eclipse has begun! The Moon will now appear to turn a bright red color. Now is the time to take pictures!
12:53 AM, May 16	<i>Totality ends</i>	As the Moon exits Earth's umbra, the red color fades. It will look as if a bite is being taken out of the opposite side than before.
1:55 AM, May 16	<i>Partial eclipse ends</i>	The whole Moon is in Earth's penumbra, but the dimming is very subtle.
2:50 AM, May 16	<i>Penumbral eclipse ends</i>	The lunar eclipse is over!



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