



Lunar Eclipse Schedule

November 8, 2022

In Eastern Standard and Pacific Standard Time

EST (November 8)	PST (November 8)	Event	What's Happening?
3:02 AM	12:02 AM	<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.
4:09 AM	1:09 AM	<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!!
5:17 AM	2:17 AM	<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!
6:42 AM	3:42 AM	<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.
Moon has set!	4:49 AM	<i>Partial eclipse ends</i>	The whole Moon is in Earth's penumbra, but the dimming is very subtle.
Moon has set!	5:50 AM	<i>Penumbral eclipse ends</i>	The lunar eclipse is over!



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