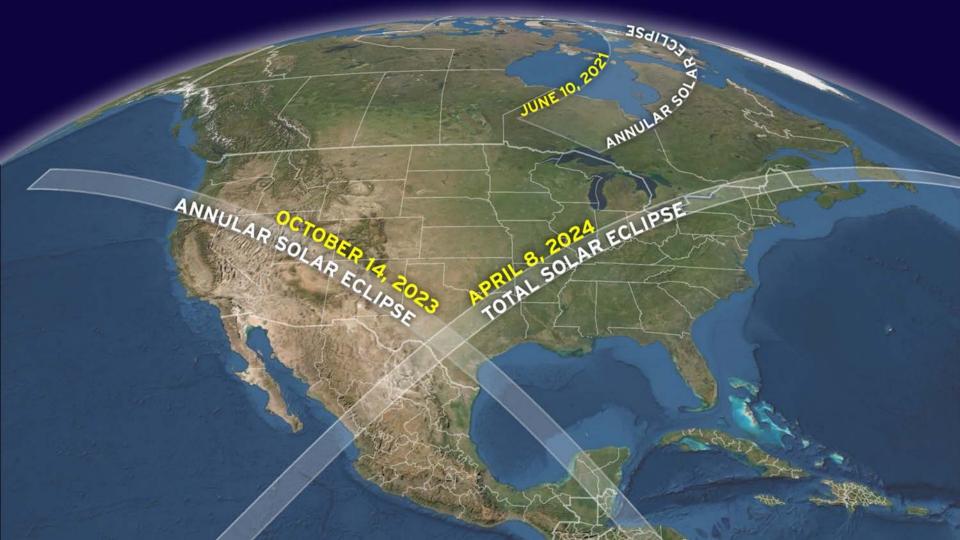
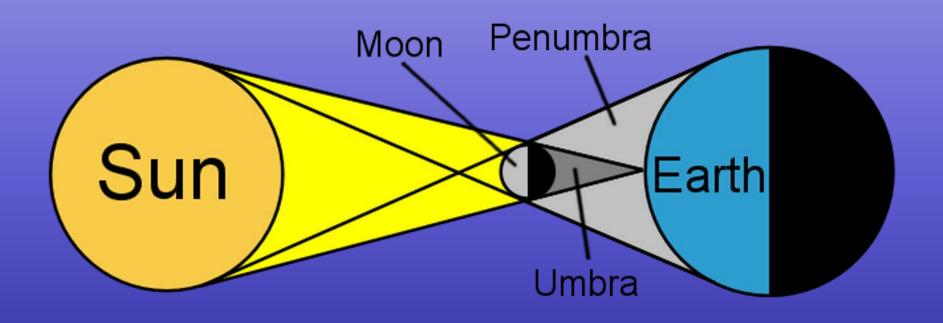
# Solar Eclipses in North-America in the 2020s

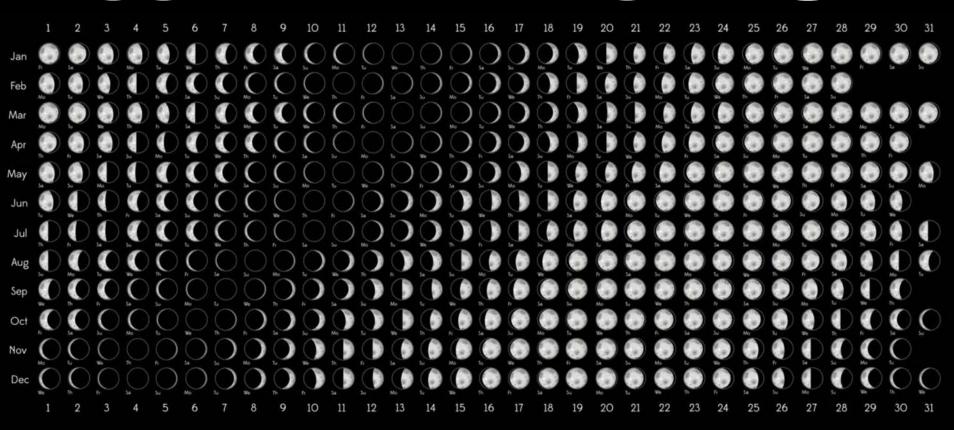


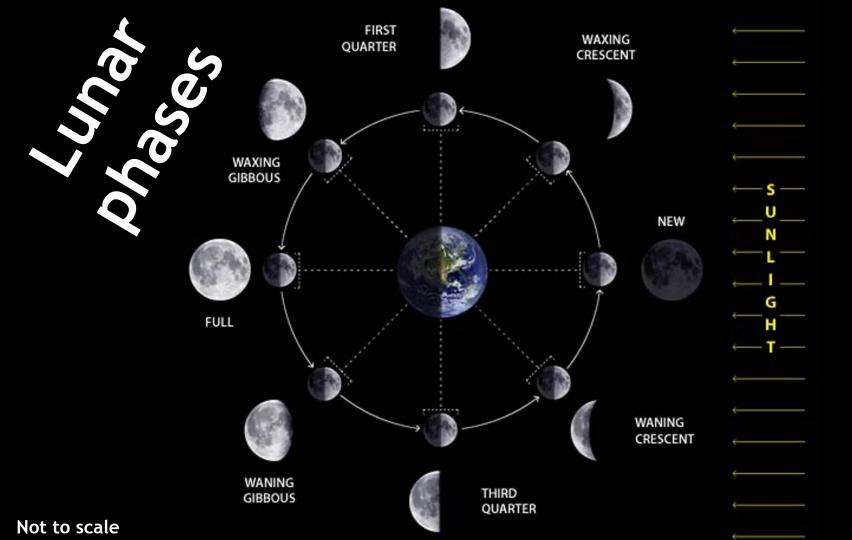


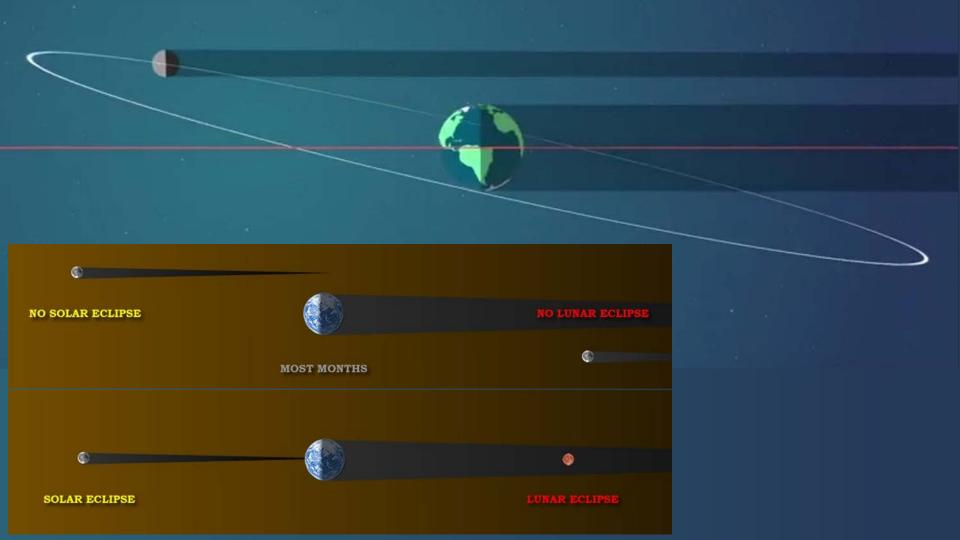


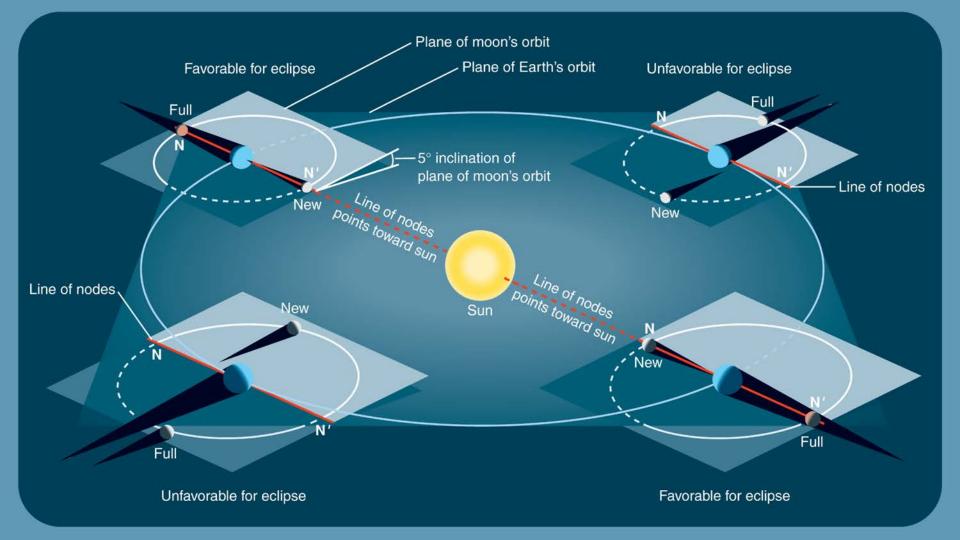


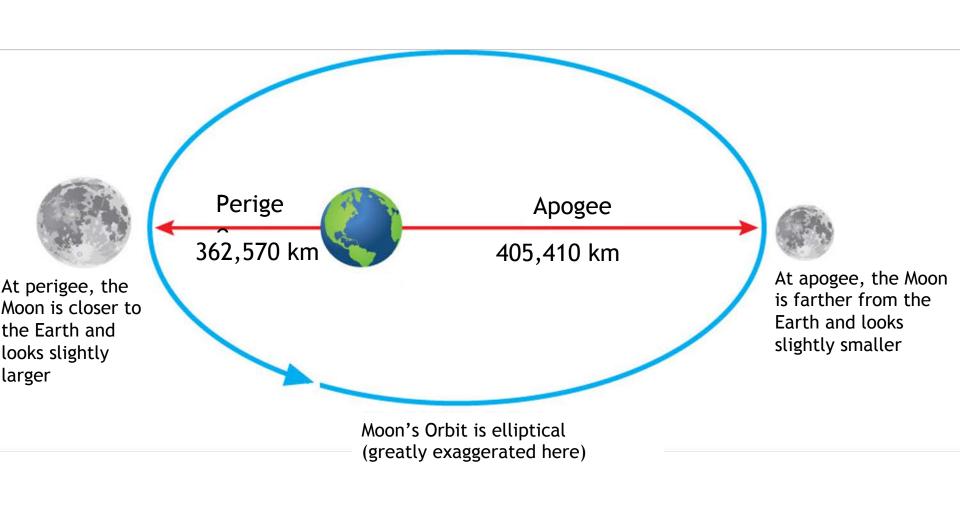
# MOON PHASES FOR 2021

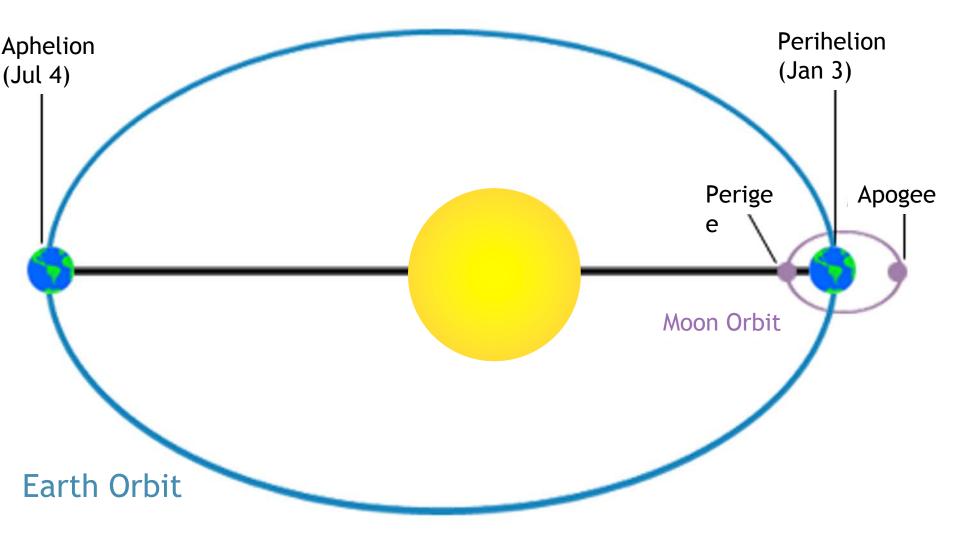












### **Annular Solar Eclipses**

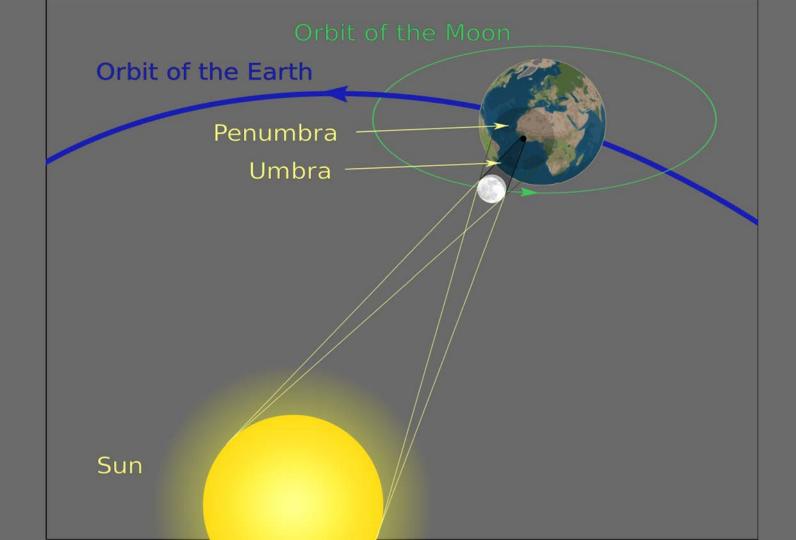
men Earth is near perihelion, and ne moon is near apogee, we see an nular solar eclipse.

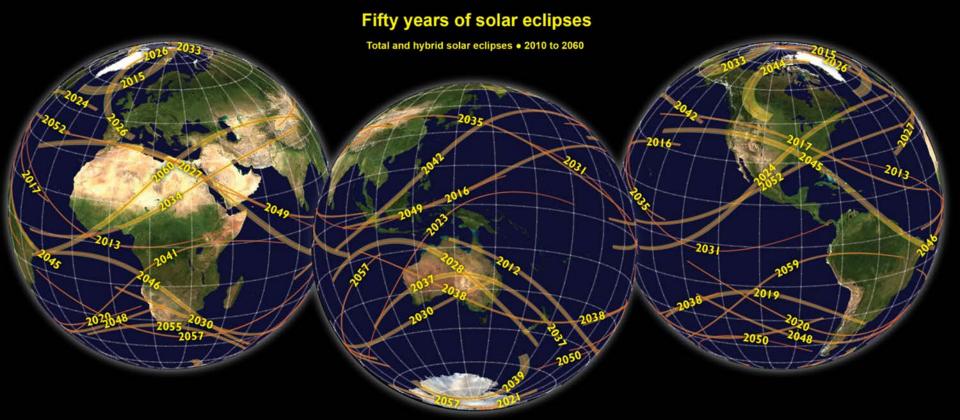






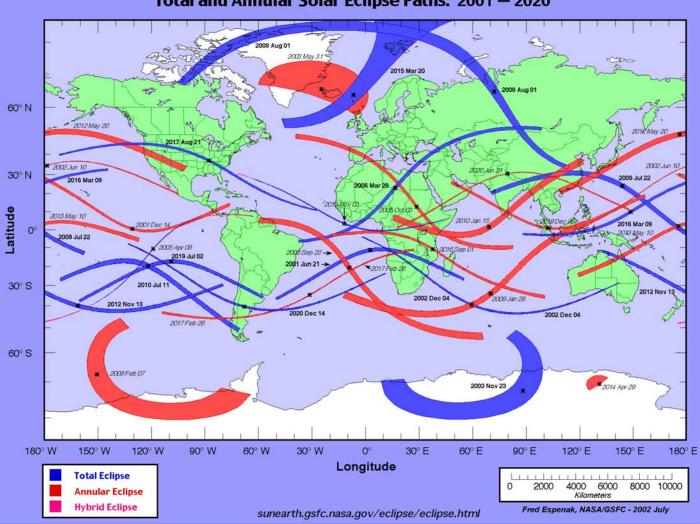




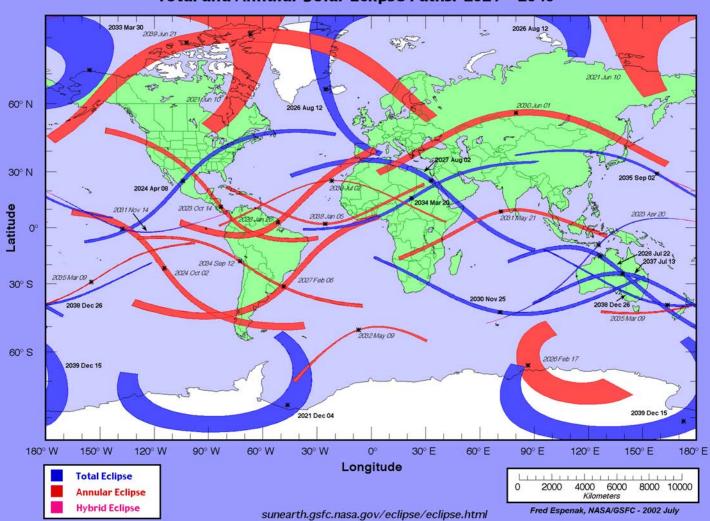




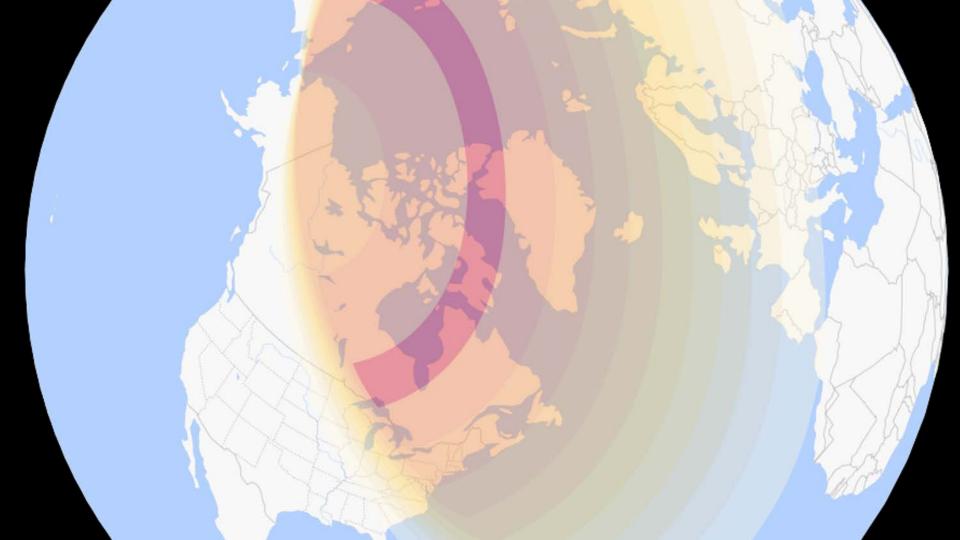
#### **Total and Annular Solar Eclipse Paths: 2001 – 2020**



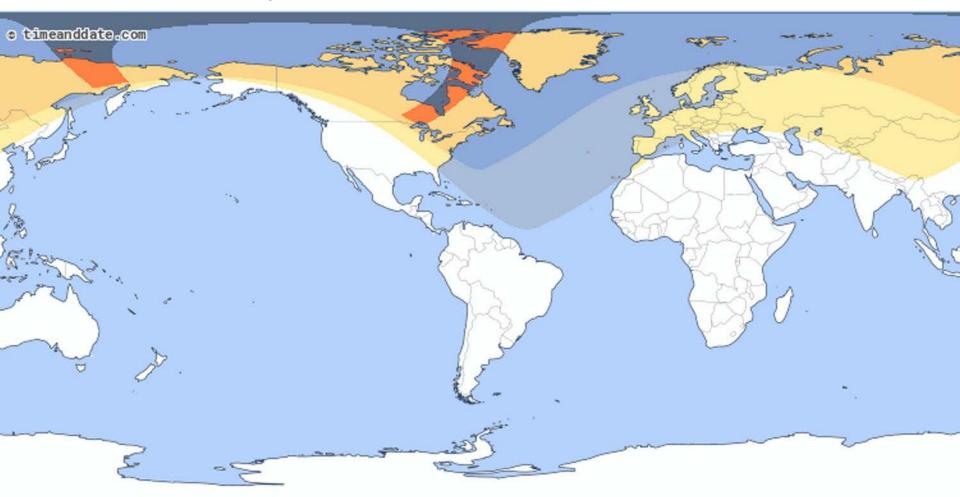
#### Total and Annular Solar Eclipse Paths: 2021 –2040



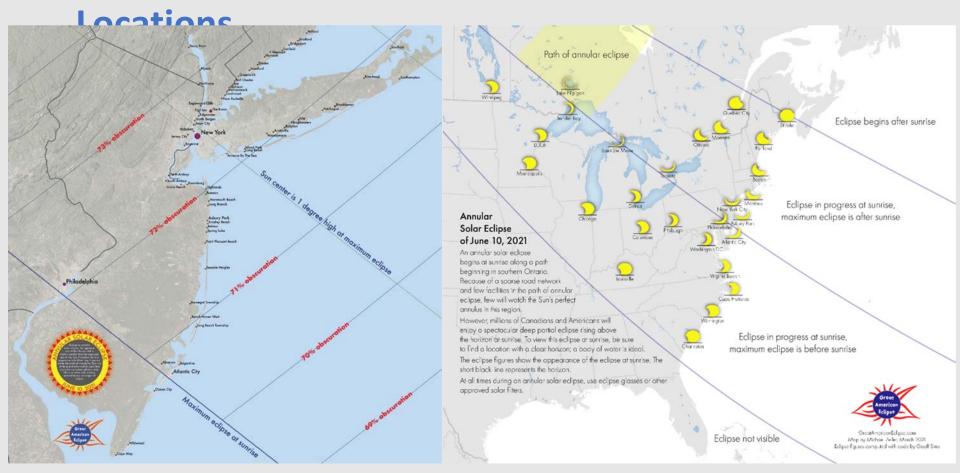




## Annular Eclipse – June 10<sup>th</sup> 2021



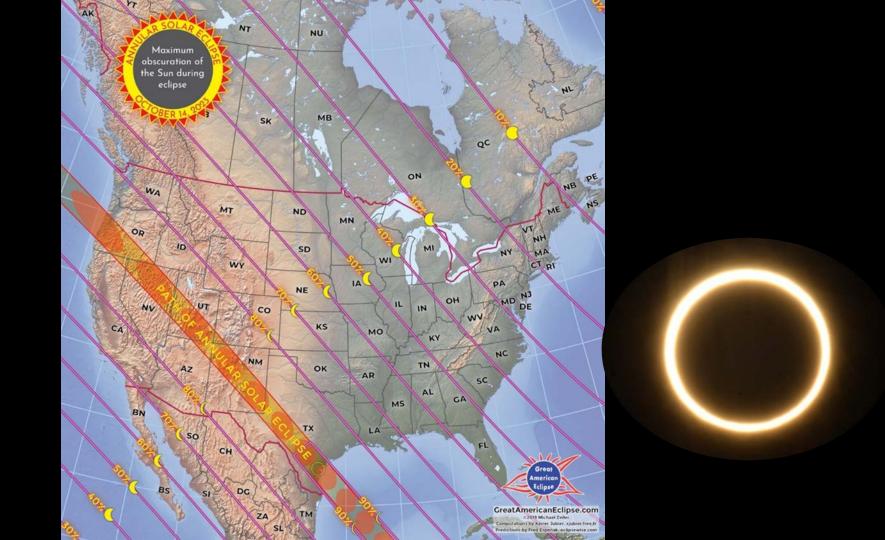
## June 10th 2021: Annular Eclipse Viewing



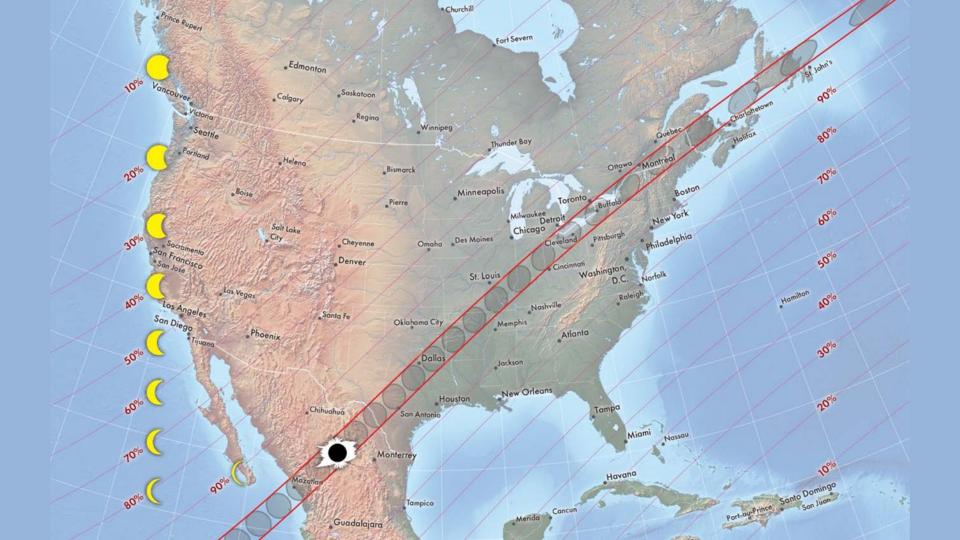
October 14<sup>th</sup> 2023



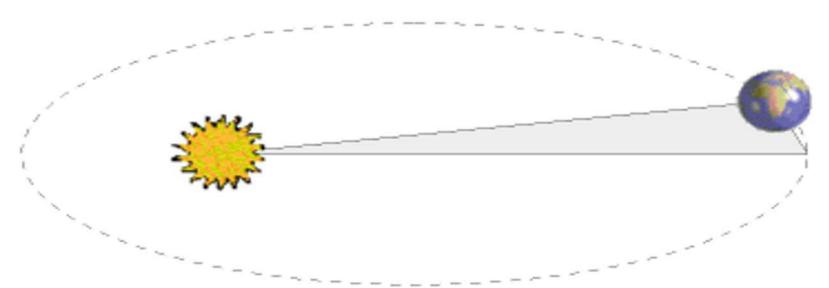


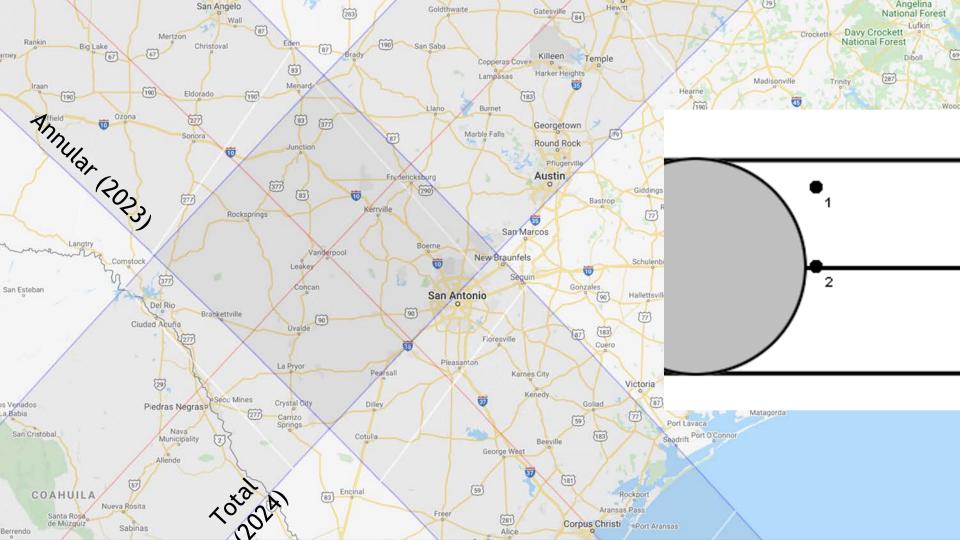


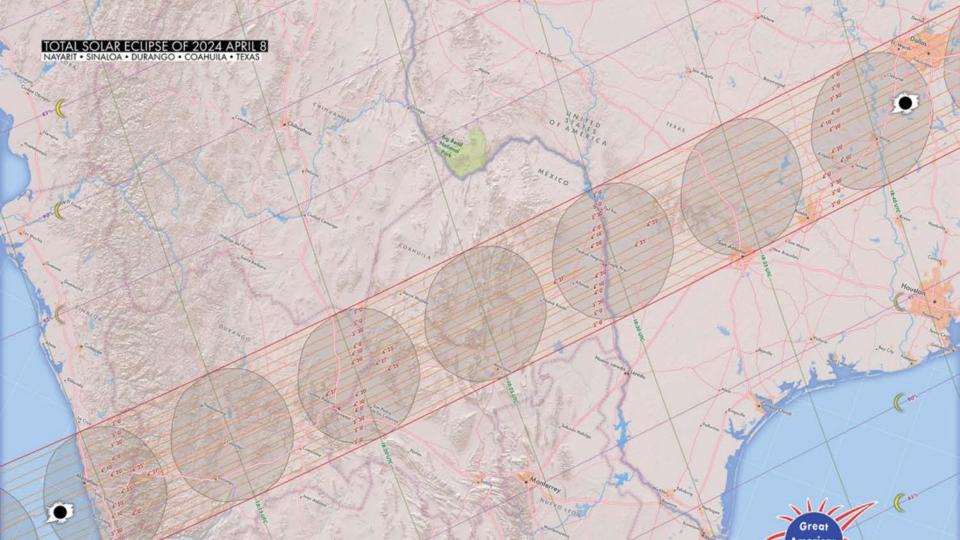


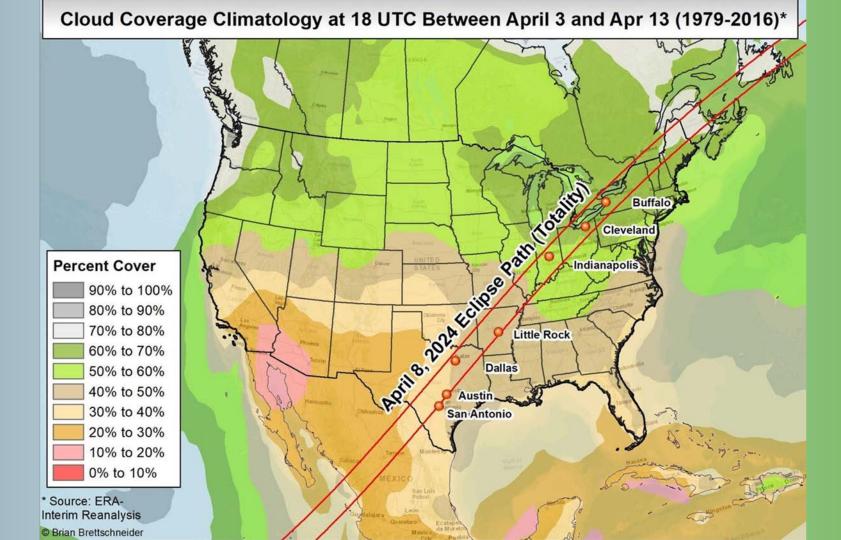


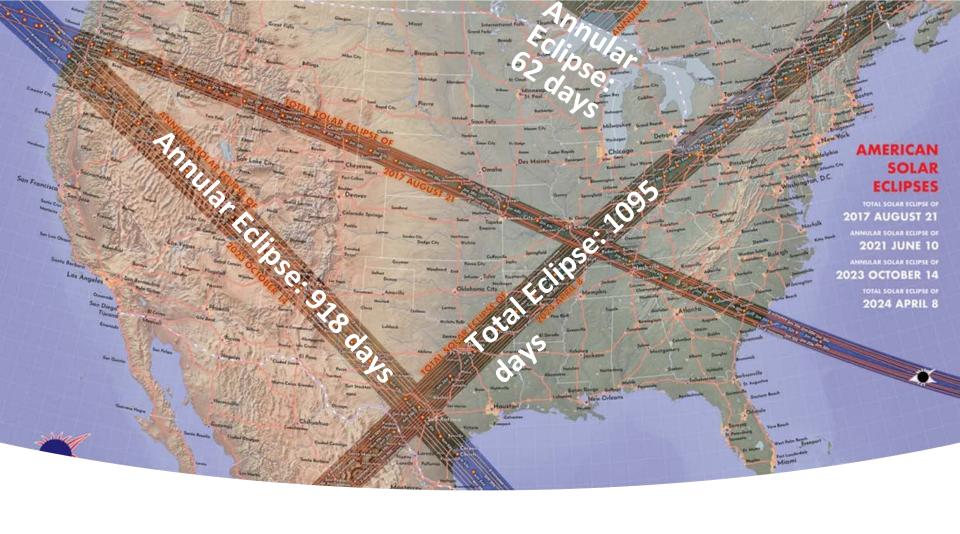
# long do eclipses last??



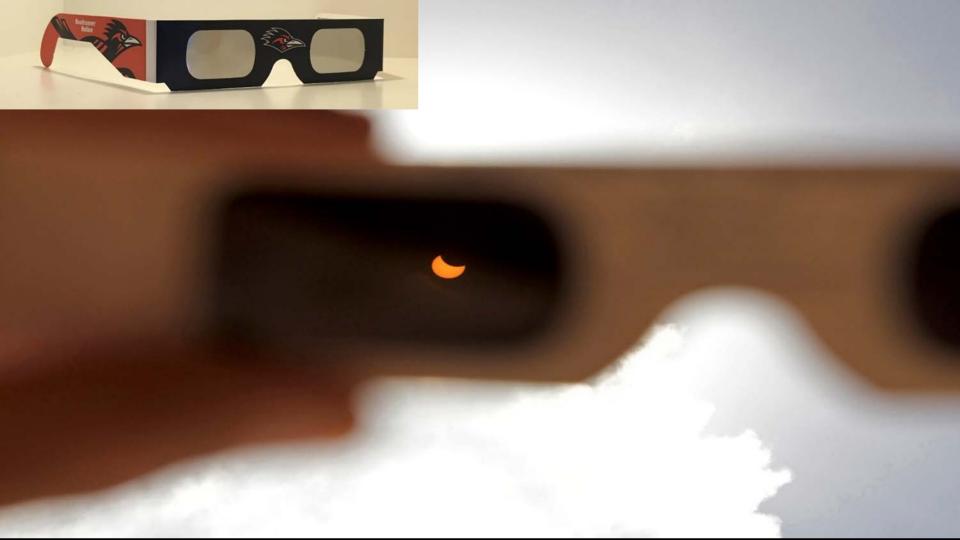














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