

# Total Solar Eclipse 8 April 2024

A total solar eclipse will be visible from central Indiana on Monday, 8 April 2024. This event should not be missed.



“Seeing a partial eclipse bears the same relation to seeing a total eclipse as kissing a man does to marrying him.” - Annie Dillard

The total duration of the event is about 2 ½ hours. In the Indianapolis area, the partial eclipse begins about 1:50 PM. The total portion starts at about 3:06 PM and will last about 3 ½ minutes. The partial eclipse ends about 4:23 PM. Viewing the total eclipse requires that you be in a path that is about 115 miles wide. The center of this path gets another 30 seconds of total eclipse time, about 4 minutes in length. Indianapolis is slightly west of the center line. The map below indicates the path of totality between the red lines. The blue line is the center of the path. Areas outside this path see only a partial solar eclipse.

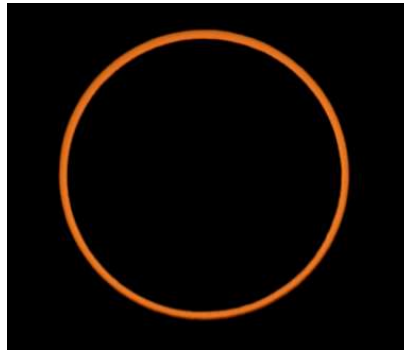


Eye protection is required during the partial phases of the eclipse, but must be removed for the 3 ½ minutes of totality. The grandeur of the solar corona and stars during the day must not be missed.

My web site at <http://pfmeng.net/> has information on this eclipse and the October 2023 annular eclipse. Links to interactive maps and Nasa information may be found there.

# Annular Solar Eclipse 14 October 2023

The path of an annular solar eclipse crosses the United States on Saturday, 14 October 2023. This is a warm up for the total solar eclipse of 2024.



The sun is not completely covered by the moon during an annular eclipse. Indiana is well outside the path of annularity and will see only about half of the sun covered by the moon. The map below shows the path of annularity across the United States. I will be in Utah for this eclipse. In the Indianapolis area, the partial eclipse begins at 11:39 AM, reaches peak coverage at 1:02 PM and ends at 2:28 PM.



Eye protection is required for all phases of an annular solar eclipse.

My web site at <http://pfmeng.net/> has information on this eclipse and the April 2024 total solar eclipse. Links to interactive maps and Nasa information may be found there.