



Great American Eclipse

Monday
April 8th
2024

Partial Solar Eclipse

What's a Partial Solar Eclipse?

A partial solar eclipse happens when the Moon passes between the Sun and Earth but the Sun, Moon, and Earth are not perfectly lined up. Only a part of the Sun will appear to be covered, giving it a crescent shape. During a total or annular solar eclipse, people outside the area covered by the Moon's inner shadow see a partial solar eclipse.

Protect Your Eyes!

Never look directly at the Sun, eclipsed or otherwise, without proper protective eyewear. The Sun's radiation can burn your eye's retinas and cause permanent damage or even blindness. To safely watch a solar eclipse, wear protective eclipse glasses or project an image of the eclipsed Sun using a pinhole projector.

Viewing Time in the Houston Metroplex:

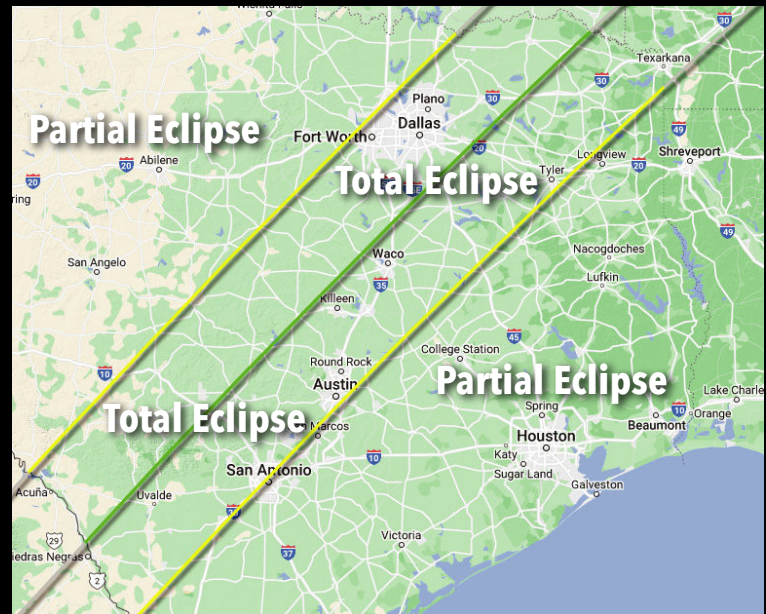
**Times are Approximate*

Begins:	12:20pm	
Maximum:	1:40pm	0.943 Magnitude
Ends:	3:01pm	
Duration:	2 hours, 41 minutes	

Total Eclipse - Nearest Places to view:

Location	Start	End	Max	Totality Duration
Centerville	12:23pm	3:03pm	1:43pm	3 Min, 57 sec
<i>Centerville is about 1 hour and 45min north of Houston off of I-45</i>				

Hammond	12:20pm	3:00pm	1:40pm	59 sec
<i>Hammond is 2 Hours north of Houston off Hwy 6</i>				



Map adapted by NationEclipse.com from original at eclipse.gsfc.nasa.gov. Map copyright Google, INEGI.
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