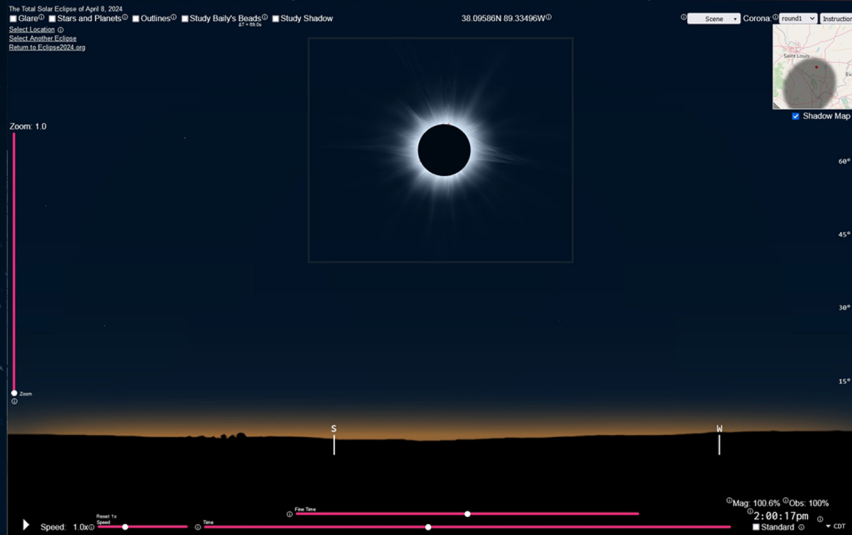


ECLIPSE2024.ORG'S ECLIPSE SIMULATOR



WHAT WILL THE ECLIPSE LOOK LIKE FOR YOUR

PATRONS / VISITORS / MEMBERS
STUDENTS / AUDIENCE?

Show them with the **FANTASTIC
Eclipse Simulator**
from Eclipse2024.org!



(Featured in leading publications!)

BEADED ANNULAR



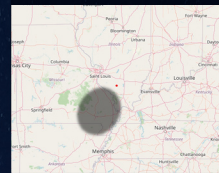
BAILY'S BEADS



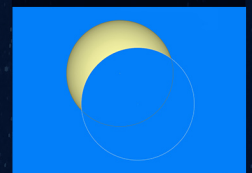
Accurate, Ultra-Realistic Simulation of the
Annular Eclipse of October 14, 2023
and the
Total Eclipse of April 8, 2024

See all the great effects that occur during totality and annularity!
Preview the eclipses from any location, to help you plan for eclipse day!
Shows the eclipse experience from inside, outside, or at the edge of the path!
Comprehensive instructions help you learn (or teach) about eclipses!

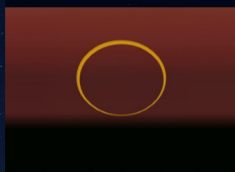
SHADOW MAP



LUNAR OUTLINE



REFRACTION



TOTALITY!

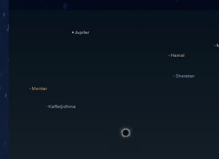


Eclipse circumstances are calculated for any location
Accurate eclipse times are displayed in local time or user-selectable time zone
Baily's Beads preview uses LRO LOLA data for complete realism
Calculations are performed using latest values of Besselian Elements and ΔT
Eye protection requirements are prominently displayed
Real-time clock shows the eclipse's progress with user-selectable speeds

Atmospheric refraction and sunrise/sunset effects
Chromosphere, diamond ring, and accurate full-limb Baily's Beads
Stars and Planets displayed during totality
User-selectable coronas and foregrounds
Limb darkening, solar glare, prominences and orange horizon glow
Aerial shadow preview and eclipse shadow outline map



STARS AND PLANETS



DIAMOND RING



VISIT: simulator.eclipse2024.org

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