



ECLIPSE2024.ORG'S ECLIPSE SIMULATOR

WHAT WILL THE ECLIPSE LOOK LIKE FOR YOU?

Find out with the **FANTASTIC Eclipse Simulator** from Eclipse2024.org!

(as featured in leading publications)



BEADED ANNULAR



BAILY'S BEADS



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 as they will be seen from any location, in advance of eclipse day!

Shows the eclipse experience from within, outside, or at the edge of the path!

HORIZON GLOW



LUNAR OUTLINE



REFRACTION



TOTALITY!



Eclipse circumstances are calculated for any location

Accurate eclipse times are displayed in local time

Baily's Beads preview uses actual LRO data for complete realism

Calculations are performed using latest values of Besselian Elements and Delta-T

Eye protection requirements are prominently noted

Real-time clock shows the eclipse 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, and Solar and Lunar outlines

Orange horizon glow

Aerial shadow preview

Eclipse shadow outline map

STARS AND PLANETS



DIAMOND RING



VISIT: simulator.eclipse2024.org

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