

Nasa solar eclipse tracker





Overview

What is NASA's official solar eclipse page?

This is NASA's official solar eclipse page. It contains maps and tables for 5,000 years of lunar eclipses and includes information on eclipse photography and observing tips.

What is the NASA eclipse explorer?

The NASA Eclipse Explorer is an interactive web application that allows users to visualize different aspects of the three recent solar eclipses in North America: August 21, 2017; October 14th, 2023; and April 8th, 2024.

Where can I find a map of a solar eclipse?

Every eclipse has links of global maps, central paths plotted on Google Maps, Saros series tables, and Besselian elements. These tables are part of the Five Millennium Catalog of Solar Eclipses: -1999 to +3000 The World Atlas of Solar Eclipse Paths features maps showing the paths of all total, annular and hybrid eclipses.

What time does NASA's solar eclipse livestream start & end?

The livestream will begin at 2:30 p.m. on NASA Wallops' YouTube channel and conclude after the last of the three sounding rocket launches. NASA's interactive Eclipse Explorer Map will allow users to track the total solar eclipse in real time on April 8 as it moves across North America.

Where can I watch a livestream of NASA's 'atmospheric perturbations around eclipse path'?

Locations may include: NASA's Wallops Flight Facility in Virginia will provide a commentated livestream of three sounding rocket launches for the Atmospheric Perturbations around Eclipse Path mission. The livestream will begin at 2:30 p.m. on NASA Wallops' YouTube channel and conclude after the last of the three sounding rocket launches.



Where can I watch the solar eclipse?

NASA will provide a no-commentary, telescope-only feed of the eclipse on NASA Television's media channel and YouTube, starting at 1 p.m. and running for three hours. The telescope feed will incorporate views from multiple locations, and will be switched based on weather, the eclipse's progress, and feed availability. Locations may include:



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New 'Eclipse Watch' Tool Shows Eclipses from Space Any Time

The new Helioviewer Eclipse Watch data visualization tool displays images captured by the Solar and Heliospheric Observatory (SOHO), a joint NASA-ESA (European Space Agency) mission stationed one million miles from Earth. Each time you refresh the page, you can ...

NASA solar eclipse tracker map: See where it's visible right now

Here's how you can track the solar eclipse as it crosses the United States. Where is the solar eclipse now? NASA's tracker map allows you to see where the solar eclipse is at this moment.



[Eclipse Explorer - SCIENCE MANAGED CLOUD ...](#)

NASA's Scientific Visualization Studio (SVS) created the 2024 Eclipse Explorer interactive web application to show the path and timing of the eclipse. This application was first deployed in October 2023 for the ...

New 'Eclipse Watch' Tool Shows Eclipses from Space Any Time

With a new online tool called Eclipse Watch, you can observe the Sun's outer atmosphere, or corona, in real time with eclipse-like images from



space as we count down to the next total solar eclipse on Earth.



[NASA SVS , Map of the March 29, 2025 Partial ...](#)

On Saturday, March 29, 2025, the Moon passes in front of the Sun, casting its shadow across the Atlantic Ocean. Observers in Europe, western Africa, and eastern Canada are positioned to see a partial eclipse.



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