



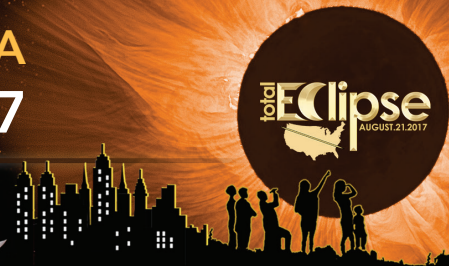
EXPERIENCE THE 2017 ECLIPSE ACROSS AMERICA THROUGH THE EYES OF NASA

<http://eclipse2017.nasa.gov>

AUGUST 21, 2017



Credit: Rick Fienberg, TravelQuest International and Wilderness Travel



Credit: S. Habbal, M. Druckmüller and P. Aniol

SUOMI NATIONAL POLAR-ORBITING PARTNERSHIP (SNPP)



Overview

The Suomi National Polar-orbiting Partnership (SNPP) collects and distributes remotely sensed land, ocean, and atmospheric data to the meteorological and global climate change communities as the responsibility for these measurements transitions from existing Earth-observing missions such as Aqua, Terra and Aura, to the Joint Polar Satellite System (JPSS) mission. Operated by the National Oceanic and Atmospheric Administration (NOAA), SNPP provides atmospheric and sea surface temperatures, humidity sounding, land and ocean biological productivity, and cloud and aerosol properties. SNPP orbits Earth about 14 times each day and observes nearly the entire surface. The SNPP satellite continues key data records that are critical for climate change science.

Eclipse Science

During the eclipse, SNPP will be flying over Missouri, providing pictures of the shadow. It may be able to capture lights in U.S. cities during the eclipse. The images will be available to the public about three hours later. SNPP carries instruments that are follow-up sensors to Terra and Aqua.

ADDITIONAL RESOURCES:

Mission Project Home Page: <https://npp.gsfc.nasa.gov>

Additional Information: <https://www.nasa.gov/npp>



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