

# Eclipse 2017 at SIU Carbondale

August 18 - 21  
#eclipseSIU

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**eclipse™**  
2017 2024  
**SOUTHERN ILLINOIS**  
*Eclipse Crossroads of America*  
[eclipse.siu.edu](http://eclipse.siu.edu)

# Campus Eclipse Planning

## You are in Charge

- Create your plan
  - Theme / Audience
  - Timeline
  - Practice Events
    - Lunar Eclipses
- Building your team









# ECLIPSE 2017 EVENTS

- 1 **NASA EDGE Megacast and Lunt Solar Systems**  
MONDAY, AUGUST 21
- 2 **Eclipse Day at Saluki Stadium**  
MONDAY, AUGUST 21  
GATES OPEN: 9 a.m. | PROGRAM: 10 a.m. - 3 p.m.  
Guided eclipse viewing. Tickets available at 877/725-8547 or online at [eclipse.siu.edu/tickets](http://eclipse.siu.edu/tickets).
- 3 **Crossroads Astronomy Science and Technology Expo**  
SUNDAY, AUGUST 20 - MONDAY, AUGUST 21  
SUNDAY - MONDAY: 9 a.m. - 5 p.m.  
NASA Village, exhibits and demonstrations.
- 4 **Crossroads Festival**  
FRIDAY, AUGUST 18 - MONDAY, AUGUST 21  
FRIDAY: 4 p.m. - midnight  
SATURDAY AND SUNDAY: 11 a.m. - midnight  
MONDAY: 9 a.m. - 7 p.m.  
Carnival, food and music.
- 5 **Crossroads Art and Craft Fair**  
SUNDAY, AUGUST 20 - MONDAY, AUGUST 21  
SUNDAY: 10:30 a.m. - 7 p.m.  
MONDAY: 9 a.m. - 5 p.m.  
Arts, crafts and eclipse items.

## OTHER EVENTS

For location information on the following events, visit [eclipse.siu.edu/map](http://eclipse.siu.edu/map).

### Eclipse Comic Con

SATURDAY, AUGUST 19 - SUNDAY, AUGUST 20: 10 a.m. - 5 p.m.

### Planetary Radio Live with Mat Kaplan

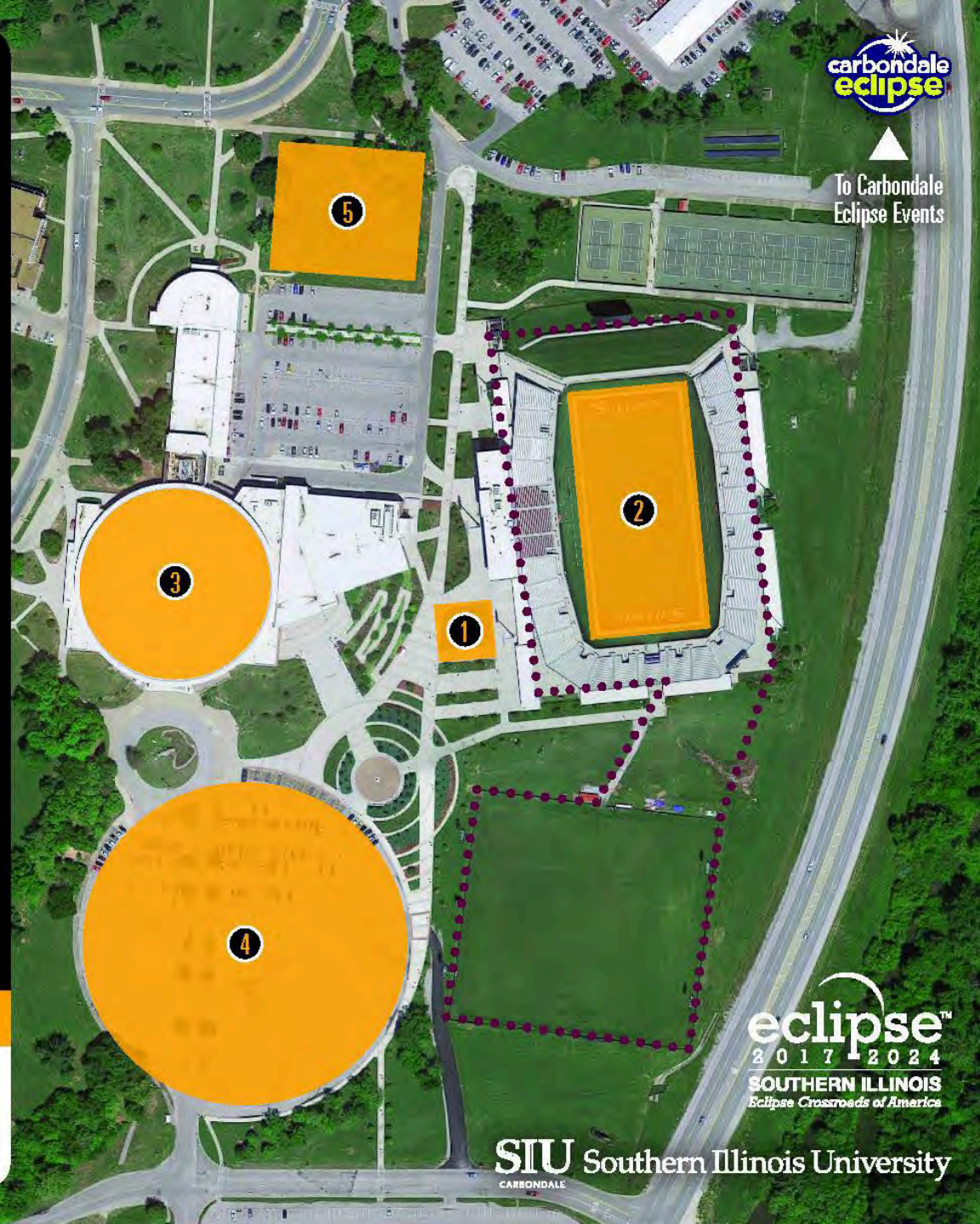
SUNDAY, AUGUST 20: 5 p.m. - 6:30 p.m.  
National radio show taping.

 Ticket Required



**ADLER**  
PLANETARIUM

**THE PLANETARY**  
SOCIETY





# Timelines

- 2 Years – Outline plan
  - Seed funding
  - Series of events
  - Class schedule
  - Regional timelines / workshops
- Getting Buy-in
- Form working group
- Campus detailed plans
- Sponsorships / Funding

## Eclipse Events Timeline: SIUC

- April 8, 2024 TSE
  - K-12 in classroom education
  - Promo
- October 14, 2023 ASE
  - Eclipse glasses and educational materials
  - Web Content
  - Promo ASE & TSE
- August 2023 – SI Star Party
- Nov 8, 2022 – TLE
- August 2022 SI Star Party
- May 15, 2022 TLE

# TOTAL LUNAR ECLIPSE

Sunday, Sept 27, 2015  
7:30pm - 11:30pm

JOIN US FOR A FREE NIGHT OF  
SCIENCE FUN AT SALUKI STADIUM

BLOOD MOON ASTRONOMY OBSERVATION  
TELESCOPES PROVIDED BY SIU PHYSICS,  
ASTRONOMICAL ASSOCIATION OF SOUTHERN ILLINOIS

TWO FEATURE MOVIES SHOWN ON JUMBOTRON  
8:00 pm APOLLO 13  
10:30 pm CHASING PLUTO

SCIENCE DEMOS BY THE SCIENCE CENTER



**SIU** Southern Illinois  
University  
CARBONDALE



618-453-4900

# Total Lunar Eclipse

Location: SIU Carbondale Stadium Club  
Date: Sunday, September 27, 2015  
Time: 7 - 11:30pm

Enjoy an evening of:  
Heavy hors d'oeuvres  
Eclipse-inspired brews  
Private telescope viewing

Presentations on:  
2017 Solar Eclipse  
NASA New Horizons mission to Pluto

Cost: \$30 per person

Questions: Contact the SIU Foundation at 618-453-4900  
Register online: <http://siuf.org/events/lunareclipsefall15/>



# Steering Committee

- 2024 Eclipse Planning
- Co chairs: Bob Baer, Gena Albert
  - Events Office
  - Astronomical Association of Southern Illinois
  - Athletics (Large Event Venues)
  - Marketing, Fundraising, Public Policy
  - Carbondale / Tourism
  - Community Relations / Communications
  - Vice Chancellor for Research
  - DPS (Safety and Security)
  - Scientific Engagement
  - Regional Engagement
  - Outreach and Education



# SOLAR ECLIPSE

CROSSROADS  
OF  
AMERICA

AUG. 21, 2017  
APR. 8, 2024

SOUTHERN ILLINOIS  
UNIVERSITY

SOUTHERN ILLINOIS

SIU  
Southern  
Illinois  
University  
Carbondale

FOR MORE INFORMATION VISIT [ECLIPSE.SIU.EDU](http://ECLIPSE.SIU.EDU)

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August 21, 2017

SIU Total Solar Eclipse Info Sheet

**A solar eclipse is an alignment of the Sun, the Moon, and Earth.** The Moon, directly between the Sun and Earth, casts a shadow on our planet. If you're in the dark part of that shadow (the umbra), you'll see a total eclipse. If you're in the light part (the penumbra), you'll see a partial eclipse. All of the country will see a partial eclipse in 2017 while only those in the narrow 70 mile wide path of totality will experience a total eclipse.

**A total solar eclipse is totally different from a partial solar eclipse.** The sun is only partially blocked during a partial solar eclipse, which often go unnoticed. During totality, it gets dark, the air cools, solar corona and prominences are naked eye visible as well as several of the brighter planets and stars.

**Southern Illinois is the Eclipse Crossroads of America:** This region will see two total eclipses on August 21, 2017 and April 8, 2024.

**Totality timing depends on your location on Earth.** Totality in the US for the 2017 eclipse starts over Oregon at approximately 10:15 am local time. The shadow reaches Southern Illinois at approximately 1:20 pm. It takes 90 minutes for the shadow to travel from Oregon to South Carolina.

**No two total solar eclipses are the same.** The shape and size of the corona, prominences, position in the sky and local conditions all make each eclipse a unique experience.

**Are solar eclipses safe to view with the naked eye?** Partial and annular solar eclipse are not safe to look at naked eye and can only be viewed through proper solar filters and solar glasses. You can only view a total solar eclipse naked eye when all parts of the sun's disk are completely covered by the moon.

**Where should I go to see a total eclipse?** First time eclipse viewers should plan to observe with someone who is experienced or in a group. Several observation locations on campus are being established for students and public with activities starting the weekend before the eclipse.

**Is there an astronomy club on campus?** Saluki Astronomy Association, [sarah.kovac@siu.edu](mailto:sarah.kovac@siu.edu)

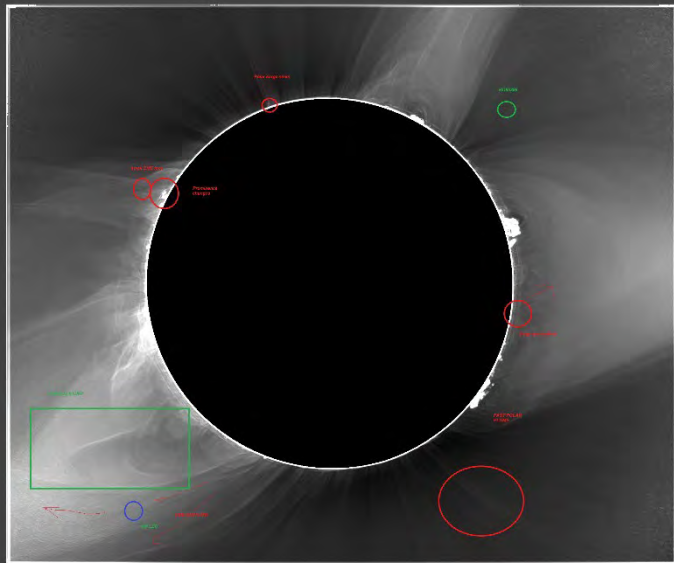
**More eclipse info at:** [eclipse.siu.edu](http://eclipse.siu.edu), email: [eclipse@siu.edu](mailto:eclipse@siu.edu)

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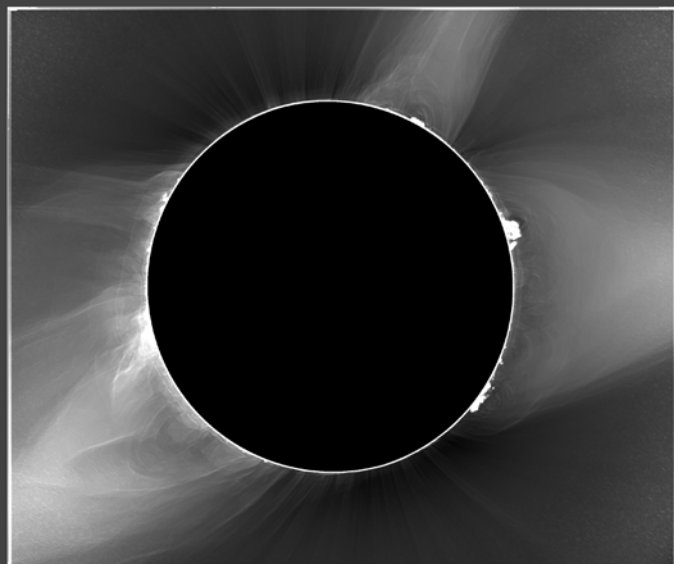








CATE 2017 data and final movie released:  
<https://www2.physics.siu.edu/cate/>



The Citizen CATE Experiment  
21 August 2017