

Eclipse 2017 at SIU Carbondale

August 18 - 21

#eclipseSIU

Bob Baer

Southern Illinois University Carbondale

rbaer@siu.edu



eclipse™
2017 2024

SOUTHERN ILLINOIS
Eclipse Crossroads of America

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.
- 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.

Eclipse Comic Con

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

Planetary Radio Live with Mat Kaplan

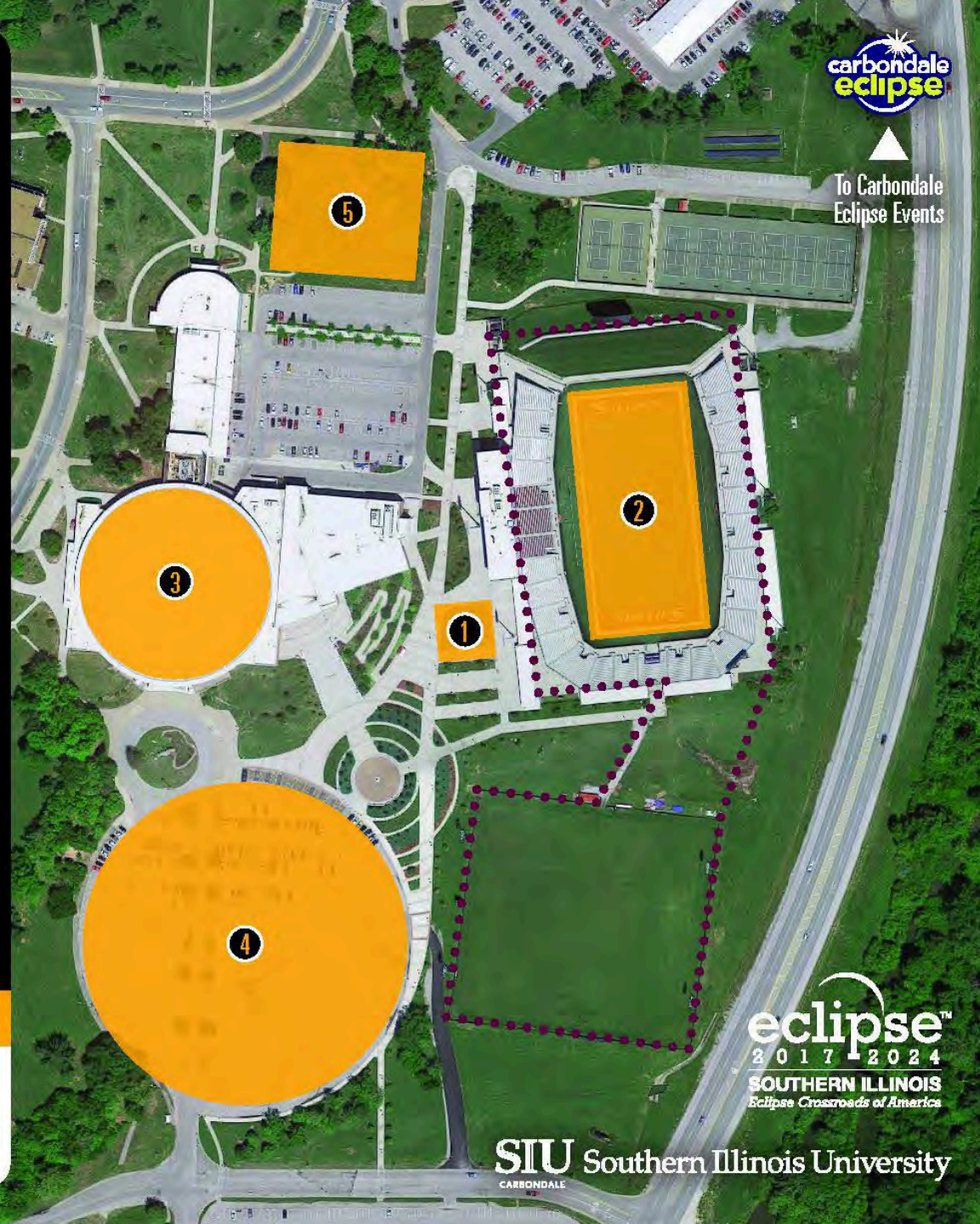
SUNDAY, AUGUST 20: 5 p.m. - 6:30 p.m.
National radio show taping.

 Ticket Required



ADLER
PLANETARIUM

THE PLANETARY
SOCIETY



To Carbondale
Eclipse Events



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



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




SOUTHERN ILLINOIS
UNIVERSITY

SOUTHERN ILLINOIS


FOR MORE INFORMATION VISIT 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.

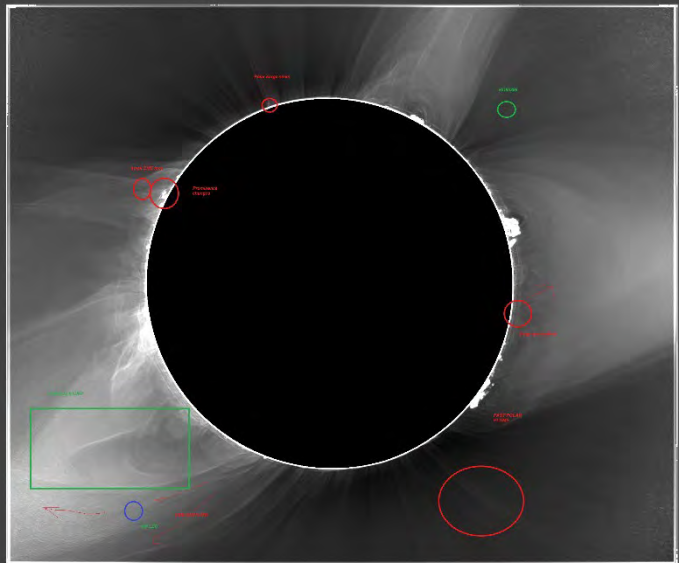
Where should I go to see a total eclipse? First time eclipse viewers should plan to observe with someone who is experienced or in a group. Several observation locations on campus are being established for students and public with activities starting the weekend before the eclipse.

Is there an astronomy club on campus? Saluki Astronomy Association, sarah.kovac@siu.edu

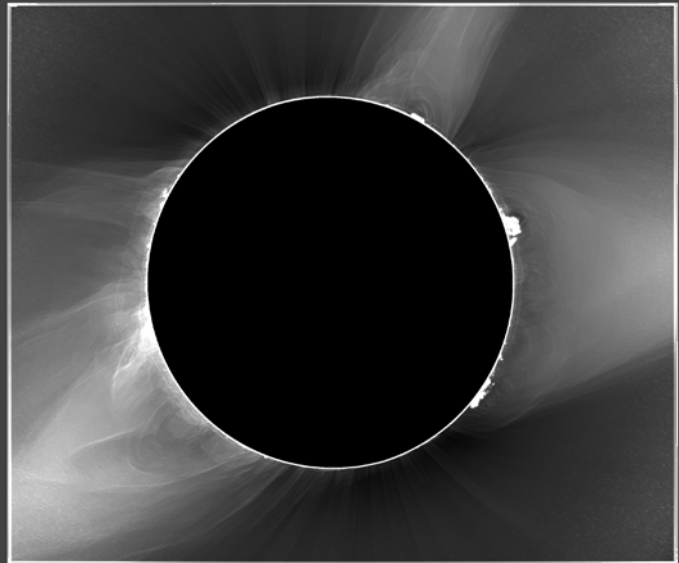
More eclipse info at: eclipse.siu.edu, email: eclipse@siu.edu


eclipse™
2017-2024
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CATE 2017 data and final movie released:
<https://www2.physics.siu.edu/cate/>



The Citizen CATE Experiment
21 August 2017