

AUGUST 21, 2017

SOLAR ECLIPSE EVANSVILLE MUSEUM

With the intense interest in the Total Solar Eclipse on August 21, 2017 the Evansville Museum has planned numerous activities which should be of interest to anyone interested in learning about and viewing one of nature's most spectacular astronomical events. With that in mind we have planned two days of events the weekend prior to the eclipse and two excursions to view the total eclipse where you and your family can experience the richest experience possible.

Our Eclipse Weekend



During the weekend immediately prior to the eclipse, we will offer an Eclipse Weekend with two full days of activities designed to appeal to anyone interested in becoming educated about how to safely view, photograph and experience the eclipse. A visit to the Evansville Museum on **Saturday, August 19** or **Sunday, August 20** will provide access to special planetarium shows, the science exhibition *Eclipse 2017!*, special programs, workshops and astronomy presentations designed to keep eclipse enthusiasts educated and informed about this amazing event. Saturday's events will feature activities, workshops and lectures geared to novice eclipse-watchers, families and students, while Sunday's fare will be tailored more to appeal to amateur astronomers and other enthusiasts who are in town to witness the eclipse. An all-day pass to attend either Saturday or Sunday includes admission to the Museum, a ticket to our amazing Koch Immersive Theater and Planetarium, plus access to either day of eclipse activities.

Eclipse Weekend Registration - Good for One Day Only

	Adults	Youth
Not-Yet-Members	\$17	\$11
Museum Members	\$5	\$3

Special Offer! Those registering for our Eclipse Weekend by June 1st will receive complimentary eclipse glasses suitable for safely viewing the Partial Phases of the eclipse.

Safely Viewing the Eclipse

There's nothing especially dangerous in viewing an eclipse. What can be dangerous is associating that when the Sun is showing during an eclipse, it is somehow "ok" to look at the Sun. This could not be further from the truth. Anytime the Sun is visible, it should only be viewed using an approved method, or with proper eye protection. We'll demonstrate how you and your family can safely observe all parts the eclipse at workshops during our Eclipse Weekend. In addition, those signing up for either of our two excursions to totality will receive complimentary Eclipse Glasses. These may be worn over the eyes to view the Moon's progress across the Sun on eclipse day.



Photo by D. Wereb

At locations where the eclipse is total the eclipse of August 21 may be safely viewed without eye protection. At this time—and only under conditions of totality—is it safe to view the eclipse with the eye and through binoculars, telescopes and cameras. These magnificent few minutes are the time where you will see the utterly black mask of the Moon, the pearly white outer regions of our Sun and the lovely red chemosphere phenomena which appear at the disk.

Caution: Before totality and once the Sun becomes visible again after the eclipse direct viewing must cease, otherwise eye damage could occur.



Saturday, August 19

Special Activities

An Eclipse Story with Master Storyteller Susan Fowler

Animals and the Eclipse, Featuring Nocturnal Animals from the Mesker Park Zoo

Workshops

A Virgin Eclipse Watchers Guide

What Parents Should Know About the Eclipse

Imaging the Eclipse: Selfies, Hashtags How to Share the Eclipse on Social Media

Fun Things You Can Make to View the Eclipse

Planetarium Shows

The Eclipse Show

Panel Discussion

Imaging the Eclipse

Activity Stations

Items You Can Make and Take to the Eclipse

Outdoor Solar Viewing

Sunday, August 20

Lectures

Into the Darkness: High Altitude Balloon Flights on Eclipse Day by Glen Kissel, University of Southern Indiana

Solar Eclipses throughout History by Catherine A. Pilachowski, Indiana University

Workshops

A Virgin Eclipse Watchers Guide

Fun Things You Can Make to View the Eclipse

Planetarium Shows

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Excursions to Totality



For those wishing to experience the richest eclipse experience possible, we have partnered with the City of Hopkinsville, Kentucky to offer two packaged tours to view the eclipse at a spot on the center line of the eclipse where it may best be seen. Located a hour and twenty minutes south of Evansville, viewing the eclipse from Hopkinsville on eclipse day will afford an opportunity to experience a full **2 minutes 39 seconds** of totality—within a fraction of a second of the longest duration that the eclipse may be seen anywhere on the planet. Each of our excursions includes a *Weekend Pass* to our Eclipse Weekend, *complimentary eclipse glasses*, viewing from an *unobstructed location* and a *catered lunch*.

Eclipse Facts for Hopkinsville, Kentucky on August 21

Total Eclipse Begins at 1:24:48 CDT

Total Eclipse Ends at 1:27:26 CDT

Total Eclipse Duration will be 2 minutes 39 Seconds

Hopkinsville has the distinction of being at the point of Greatest Eclipse, which is defined as the instant when the center of the Moon's shadow passes closest to the Earth.

Eclipse Excursions

Champagne Toast Bus Tour



Leave the driving and parking to us as we whisk you to the best location to view the total solar eclipse at the James E. Bruce Convention Center in Hopkinsville, Kentucky. This quaint southwestern Kentucky community, also known as “eclipseville”, is where the Sun, Moon, and Earth line up perfectly.

We provide *round trip coach transportation* to and from the eclipse site, *complimentary eclipse glasses*, a *catered lunch*, access to *indoor restrooms* and an *air conditioned hospitality room*. This is the best choice for local residents and out of town guests who desire a no-fuss, viewing experience. Veteran eclipse chaser and Director of Science Experiences, Mitch Luman, will be on hand to offer expert interpretation of the event on the ride down. The Museum will provide a group telescope equipped with a solar filter equipped to view the partial phases before and after the eclipse. For guests with folding chairs and camera gear, storage space is available below the bus deck. At the conclusion of the event we will salute the Sun following its outstanding performance with a toast of Champagne capping off this memorable event. The cost for the excursion is **\$150** for **Not-Yet-Members**, **\$125** for **Museum Members**.

Bus Tour- What to Bring

You may wish to bring a small, folding chair with your name on it. You may also wish to bring binoculars, a camera, tripod or a small telescope. A hat and sunscreen are recommended accessories. Extremely large chairs, tents, canopies and pets cannot be accommodated due to limited cargo space on the bus. Bring your sense of wonder, your curiosity and hopes for clear, cloudless skies!

Champagne Toast Bus Tour Itinerary

All listed times are Central Daylight Time (CDT/GMT-5)

Leave Evansville 8:00 AM	Totality Ends 1:27:26 PM
Arrive Hopkinsville (depends on traffic)	Viewing of Partial Phases of Eclipse
Partial Eclipse Begins 11:56 AM	Partial Eclipse Ends 2:51 PM
Viewing of Partial Phases of Eclipse	Depart Hopkinsville 3 PM
Totality Begins 1:24:48 PM	Arrive Evansville 4:30 PM

Drive and Park Package



If you would prefer to drive your own vehicle to view the total solar eclipse, you are welcome join us on the ground of the James E. Bruce Convention Center.

We will provide a *map, directions, suggested itinerary, complimentary eclipse glasses* and a *parking pass*. Outdoor restrooms and lunch are provided. This is a good choice for residents and out of town guests who desire drive to the eclipse site themselves Tickets for this package are listed below.

	First Adult	Additional Adult	Youth
Not-Yet-Members	\$75	\$50	\$35
Members	\$50	\$35	\$35

Eclipse Packages at a Glance

	Champagne Toast Tour	Drive and Park Package
Provided Transportation	√	
Air Conditioned Hospitality Room	√	
Indoor Restrooms	√	
Expert Interpretation	√	
Unobstructed Viewing	√	√
Catered Lunch	√	√
Eclipse Glasses	√	√

Lodging

Lodging for out of town guests is available for 8/19, 8/20 & 8/21. Quoted rates are good through June 1, 2017. 15% tax not included. Please contact the hotel directly to make reservations at the quoted nightly rates.

Double-Tree by Hilton

601 Walnut Street, Evansville, IN 47708

Amenities: Contact the Hotel directly. Parking Garage (\$12). Walking distance of Museum.

\$129 Rate

1-812-423-5002 / dtevensville.doubletreebyhilton.com

Tropicana Evansville

421 NE Riverside Drive, Evansville, IN 47708

Amenities: Contact the Hotel directly. Complimentary Parking Garage. Walking distance of Museum.

Call: 812-433-4611

\$129 Rate

Fairfield Inn West

5400 Weston Road, Evansville, IN 47712

Amenities: Contact the Hotel directly.

\$105 Standard 2 Double Bed

Call: 812-429-0272

Hampton Inn Airport

5701 US-41, Evansville, IN 47711

Amenities: Contact the Hotel directly

\$99 Double Queen or Double King

Call 1-812-464-1010 and ask for Eclipse 2017 Rate

Country Inn & Suites

301 Circle Front Drive, Evansville, IN 47715

Amenities: Contact the Hotel directly

\$99

Call 1-812-473--2500 and ask for Eclipse 2017 Rate

Holiday Inn Express

5737 Pearl Drive, Evansville, IN 47712

Amenities: Complimentary Breakfast, Fitness Center, Business Center, Pool, Mini Fridge and Microwave.

\$99 Double Queen or King

Call 1-812-303-0050 and ask for Eclipse 2017 Rate

Lodging (continued)

Home2 Suites by Hilton

7901 E Walnut St, Evansville, IN 47715

Amenities: Contact the Hotel directly

\$99 Quoted Rate

Call 1-812-303-1200 and ask for Eclipse 2017 Rate

La Quinta Inns & Suites

8015 E Division St, Evansville, IN 47715

Amenities: Complimentary Breakfast, Fitness Center, Business Center, Pool, Mini Fridge and Microwave.

\$99 Double Queen or King

Call: 812-471-3414

Baymont Inns and Suites

8005 E Division St, Evansville, IN 47715

Amenities: Complimentary Breakfast, Manager's Reception Mon-Thurs, Fitness Center, Business Center, Pool, Mini Fridge and Microwave.

\$79 Double Queen or King

Call: 812-477-2677