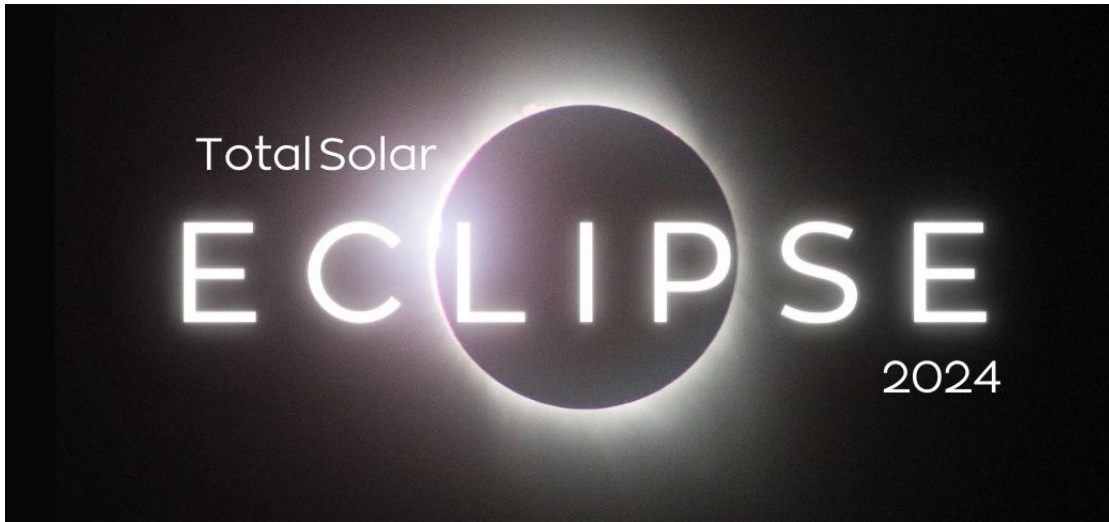




**FISHERS
HEALTH DEPARTMENT**
School Health



MARK YOUR
CALENDAR

Monday

MONTH	DAY	YEAR
4	8	24

We are excited to share with you the latest information regarding the 2024 Total Solar Eclipse. Our School Health Liaison Team is dedicated to providing the most up-to-date information so that everyone in our community can enjoy this astronomically rare and astrologically significant event safely. We encourage you to explore the links below for further details.

General Information



TOTAL SOLAR ECLIPSE 2024

On April 8, 2024, a total solar eclipse will plunge much of Indiana into momentary darkness. Excitement and interest is growing for the big event, and Hoosier communities and public safety partners are planning for the influx of hundreds of thousands of visitors to the state.

Eye Care Resources



Eye Safety

EYE SAFETY

INFO FOR VIEWING THE ECLIPSE SAFELY

The excitement is building for the 2024 total solar eclipse, but when you look toward the sky, make sure you are not damaging your eyes.

Failing to take proper precautions can result in severe and irreversible damage to one's eyesight. Staring at the sun during an eclipse, even for a few seconds, can lead to a condition known as solar retinopathy, which can result in permanent vision impairment or blindness.

Unlike the sun on a normal day, the eclipsed sun may appear less bright, making it tempting for some to glance at it without realizing the potential harm.

PROPER EYE PROTECTION

There is only one safe way to look directly at the sun, whether during an eclipse or not: through special-purpose solar filters. These solar filters are used on "telescopes" or in hand-held solar viewers. They must meet a very specific worldwide standard known as ISO 12312-2.

Improvised or makeshift solutions like regular sunglasses, smoked glass or exposed film negatives are not a safe alternative to these specially designed filters.

Viewing Information



HOW TO WATCH THE ECLIPSE IN INDIANA

Planning

2024 Total Solar Eclipse

November 2023

Public Safety Planning

On Monday, April 8, 2024, a total solar eclipse will pass over Indiana, creating darkness as the earth, the moon, and the sun form a straight line. This unique event is expected to result in mass gatherings throughout the state with several counties experiencing darkness for an excess of 3 minutes beginning at about 2 p.m. on the west side of the state. Some of Indiana's most rural communities will experience an influx of tourists, traffic and congestion that will require planning, but can also serve as a great opportunity to engage with residents and visitors.

Early planning is critical to prepare your community for such a rare event and will help to ensure an ideal eclipse experience for everyone. It is imperative to be fully prepared for the stress that a large event like this may bring, such as increased instances of drug and alcohol abuse, crime, motor vehicle accidents, traffic congestion, demands for car rentals and accommodations, and many other occurrences. Communication backups should be in place as disruptions to reception and connectivity may occur.

Fast Facts

The Indiana Optometric Association (IOA) has produced a flyer to address these issues: https://www.ioa.org/docs/Indiana_Optometric_Solar_Eclipse_Flyer_041803.pdf

A list of approved sellers can be found at the American Astronomical Society: <https://eclipse.aas.org/>

Path of Totality

TOTALITY DURATIONS IN SELECT CITIES

1. Bedford: 3 minutes, 42 seconds
2. Bloomington: 4 minutes, 11 seconds
3. Ellettsville: 3 minutes, 13 seconds
4. Columbus: 3 minutes, 44 seconds
5. Crawfordsville: 1 minute, 8 seconds
6. Evansville: 1 minute, 2 seconds
7. Fortville: 4 minutes, 2 seconds
8. Greensburg: 1 minute, 32 seconds
9. Indianapolis: 3 minutes, 50 seconds
10. Jasper: 3 minutes, 11 seconds
11. Marion: 2 minutes, 11 seconds
12. Muncie: 3 minutes, 46 seconds
13. New Castle: 4 minutes, 2 seconds
14. Richmond: 3 minutes, 49 seconds
15. Terre Haute: 2 minutes, 56 seconds
16. Vincennes: 4 minutes, 5 seconds



Approximate duration in minutes: 1 2 3 4



Educational Resources for K-12

EDUCATIONAL BOOKLIST

ECLIPSES, THE SUN AND THE SOLAR SYSTEM

This list was originally sourced by State Library of Ohio and the Space Science Institute; compiled with permission by Indiana State Library. Remember to check your local public library for many of these titles!

GRADES K-2

The Darkest Dark

by Chris Hadfield and Kate Fillion, illustrated by The Fan Brothers

Inspired by the real-life experiences of astronaut Chris Hadfield, this is the story of a boy who loves space, rockets, the moon and everything space, but at night he is afraid of the dark.

Eclipse

by Andy Rash

A boy and his father make a plan to travel to see a total solar eclipse. The book features maps of eclipses' paths and scientific book matter about eclipses.

Eclipses (Sky Lights series)

by Grace Hansen

Teaches about what solar and lunar eclipses are and why they happen. This non-fiction book contains simple text and labeled images.

Travel Preparedness

TRAVEL PREPAREDNESS

TIPS FOR THE TOTAL SOLAR ECLIPSE

The 2024 total solar eclipse promises to be a breathtaking experience, but it is crucial to stay safe during your journey if you decide to travel away from home to take in the sight. Ensure your travel safety before, during and after the eclipse by checking traffic conditions and following the tips outlined below.

BEFORE THE ECLIPSE: PLAN AHEAD

To ensure a smooth trip, start planning well in advance. [Research your eclipse viewing site](#), considering accessibility, parking and crowd size. Consider booking accommodations and transportation early, as there may not be availability closer to the event due to high demand.

Additional tips to consider shortly before setting off on your travels include:

- If you have any pre-existing health conditions, consult your doctor before embarking on your trip. Ensure you pack any necessary medications and that health devices you require are fully charged.
- Water is a necessity in life. Plan to bring a couple of gallons of water to ensure you have some around if you become stranded.
- Prepare to bring plenty of snacks with you on the trip. Make sure to choose something shelf-stable. snacks are not recommended for people with food allergies
- Ensure you have a set of jumper cables in your vehicle. If needed, you will be glad you have them.
- If your vehicle has a spare or temporary tire, make sure it is properly inflated. If your vehicle does not have an extra tire, invest in a tire-sealant kit so you can make self-repairs that will help you reach safety in the event of a flat tire.
- Emergency flares or reflectors can be a lifesaver if your vehicle breaks down on the side of the road. Flares will expire after 30 days; replace them as needed.



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