



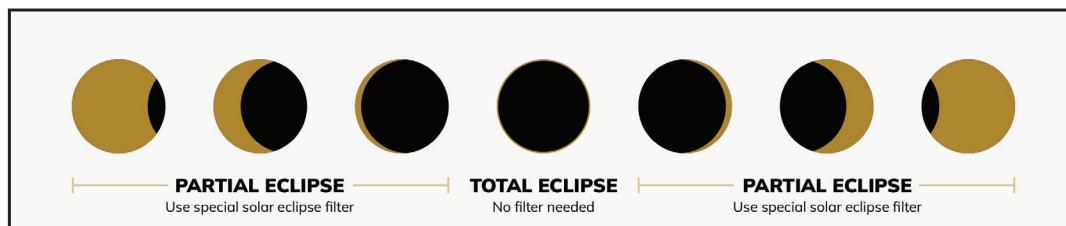
# TOTAL SOLAR ECLIPSE SAFETY GUIDANCE

## What Is a Total Solar Eclipse?

A total solar eclipse occurs when the moon passes between the sun and the Earth, causing the moon to completely block the face of the sun. This period of total eclipse is referred to as "totality." Indiana is in the path of totality and will experience a total solar eclipse.

## When Will the Eclipse Occur?

A total solar eclipse will occur on April 8, 2024. In Indianapolis, the total eclipse will begin at 3:06 p.m. and last around 3 minutes and 46 seconds. A partial eclipse will occur before and after totality, beginning at 1:40 p.m. and ending at 4:23 p.m. The National Oceanic and Atmospheric Administration (NOAA) predicts that Indiana has a 65% chance of cloud-coverage the day of the eclipse.



## Safe Viewing

Viewing a solar eclipse when the sun is not totally blocked can cause permanent eye damage to the retina. This can result in visual blind spots, visual distortion, blurred vision or blindness. Proper eye protection should be used during each phase of a solar eclipse, except during the period of totality when there is a total eclipse of the sun.



## Proper Eye Protection

Proper eye protection is essential during any solar eclipse. Individuals should utilize solar filters in the form of eclipse glasses or hand-held solar viewers. It is important for solar glasses and viewers to meet International Organization for Standardization (ISO) 12312-2. This standard specifically addresses face and eye protection for sun observation. Sunglasses ARE NOT a safe viewing alternative.

## IMPORTANT REMINDERS & SAFETY TIPS

- Many schools within the county will be remote or closed for the day.
- Indianapolis is expecting an influx of visitors the days before and after the eclipse. The increase of visitors may cause strain on the response time of emergency responders.
- Increased visitation may cause waiting periods on highways and side streets, or longer periods of travel. Ensure your vehicle has a full tank of gas and an emergency roadside kit. Kits can include: first aid, snacks, water, etc.
- If you or your child experience changes in vision that continue to get worse, seek treatment from an eye care professional. Do not seek medical attention at hospital emergency departments unless your injuries are life threatening.



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