

## Katie Sutrina-Haney

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**From:** INDIANA STATE UNIVERSITY <ISU-Communications@mail.indstate.edu>  
**Sent:** Monday, August 21, 2017 8:31 AM  
**To:** Katie Sutrina-Haney  
**Subject:** WARNING: Solar Eclipse 2017

A message from INDIANA STATE UNIVERSITY

### WARNING: Solar Eclipse 2017

Eclipses are impressive to view, but specific precautions **MUST BE TAKEN** to protect your eyes. **IT IS NEVER SAFE** to look directly at the sun; doing so can permanently damage your vision without you experiencing pain. The concentrated rays can cause serious damage to the eyes, known as retinal burns or “solar retinopathy.”

Only look at the sun using appropriate solar viewing safety equipment such as eclipse glasses, solar viewers, or pinhole projection techniques.

How to watch the eclipse safely:

- Stand still and cover your eyes with your eclipse glasses or solar viewer **BEFORE** looking up at the bright sun.
- After glancing at the sun, turn away and remove your filter -- do not remove it while looking at the sun.
- Always inspect your solar filter before use; if scratched or damaged, discard it.
- Read and follow any instructions printed on or packaged with the filter.
- Always supervise children using solar filters.
- Homemade filters or ordinary sunglasses (even very dark ones) **ARE NOT SAFE** for looking at the sun.
- Do not look at the uneclipsed or partially eclipsed sun through an unfiltered camera, telescope, binoculars, or other optical device. Similarly, do not look at the sun through a camera, a telescope, binoculars, or any other optical device while using your eclipse glasses or hand-held solar viewer -- the concentrated solar rays will damage the filter and enter your eye(s), causing serious injury.
- Seek expert advice from an astronomer before using a solar filter with a camera, a telescope, binoculars, or any other optical device.

Symptoms of retinal burns:

- Symptoms commonly occur within hours of exposure.
- Symptoms include blurry vision and a blind spot in one, or more commonly, both eyes.
- Additional complaints may include incomplete color blindness, objects appearing smaller than they are, or headache.

For more information: <https://eclipse2017.nasa.gov/safety>