



SOLAR ECLIPSE

AUGUST 21, 2017

JOIN THE OGLESBY UNION FOR AN ECLIPSE GATHERING!

LOCATION: UNION GREEN

- 9:00AM: We will be passing out free viewing glasses (while supplies last)
- 1:00PM – 4:00PM: Music and educational materials will be available
- 2:30PM – 3:00PM: Attend the eclipse photoshoot and get a free popsicle



VIEWING SAFETY

Looking directly at the sun is unsafe except during the brief total phase of a solar eclipse ("totality"), when the moon entirely blocks the sun's bright face, which will happen only within the narrow path of totality.

The only safe way to look directly at the unclipped or partially eclipsed sun is through special-purpose solar filters, such as "eclipse glasses" or hand-held solar viewers. Homemade filters or ordinary sunglasses, even very dark ones, are not safe for looking at the sun.

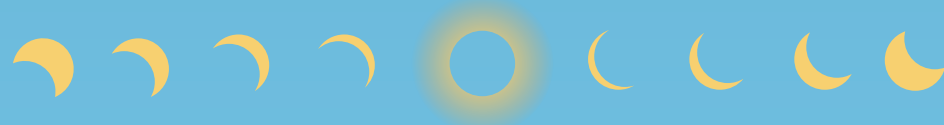
If you are within the path of totality, remove your solar filter only when the Moon completely covers the sun's bright face and it suddenly gets quite dark. Experience totality, then, as soon as the bright sun begins to reappear, replace your solar viewer to glance at the remaining partial phases.



SAFETY TIPS

- ① 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.
- ② 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.
- ③ Do not look at the unclipped 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.

Source: *Total Solar Eclipse*. (n.d.). Retrieved August 04, 2017, from <https://eclipse2017.nasa.gov/>



CHALLENGER LEARNING CENTER ACTIVITIES WITH THE TALLAHASSEE ASTRONOMICAL SOCIETY

The Challenger Learning Center is also planning activities centered around the eclipse with the support of the Tallahassee Astronomical Society. You can find more information about their partnership on August 21 by visiting their Facebook page: [facebook.com/events/1881606632103191](https://www.facebook.com/events/1881606632103191)