

USE SAFE OBSERVING TECHNIQUES AT ALL TIMES DURING THESE ECLIPSES!

Sunglasses do NOT provide adequate protection for your eyes during an eclipse. Do NOT look directly at the Sun without proper protection! Here are some safe ways to watch:

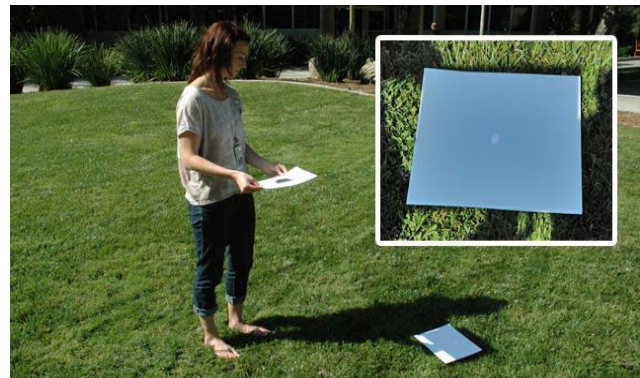
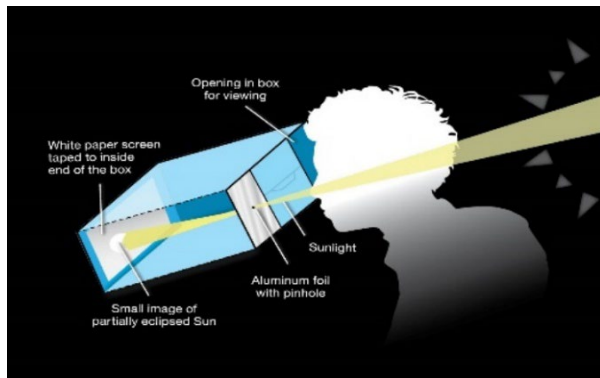
1. The Novins Planetarium has ISO 12312-2 approved Eclipse glasses that we are handing out at our Eclipse event. Make sure your glasses are not scratched or damaged, and avoid putting fingerprints on the lenses – this will degrade the filter and make them unsafe to use.



2. A telescope or binoculars ONLY IF fitted with an approved aperture filter on the end. These filters are much stronger than the filters in eclipse glasses and allow you to look through the telescope without additional protection. Eclipse glasses do NOT provide enough protection to look through a telescope or binoculars!

3. Indirect viewing methods, like a Pinhole Projector. These rely on projecting the eclipse onto another surface that is safe to view. Here are a few different methods to try:

Facing AWAY from the Sun, hold up an object with a small hole(s), which will project the eclipse onto a nearby surface. The idea is to look at the eclipse projected on the surface – **DO NOT LOOK THROUGH THE PINHOLE AT THE SUN!!** You can do this with something as simple as paper and foil, a cardboard box, or a slotted spoon or colander! You can even hold out your hands with your fingers crossed to project eclipse shapes from between your fingers onto the ground!



Credits: NASA

Whichever way you choose – don't miss the chance to observe these eclipses, especially the near total eclipse we will see on April 8th! The next total solar eclipse visible in the US will be in 2044! For more information visit the Novins Planetarium at www.ocean.edu/planetarium.