

How to Photograph the Solar Eclipse with your Smartphone

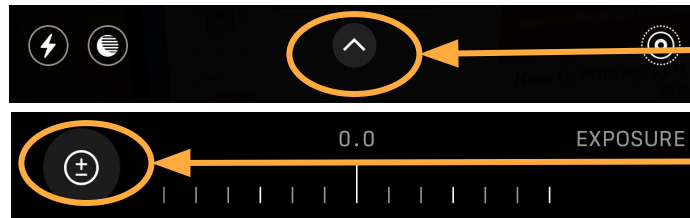
Steps:

1. Before pointing your camera at the Sun at any time other than during totality, remember to put a special-purpose solar filter over the camera lens. You can even use solar viewing glasses.

2. Adjust the Exposure.

During the partial phases of the solar eclipse, the Sun is intensely bright, so set the exposure as low as you can.

Example:
iPhone 14
Factory
Camera App



Access camera settings

Exposure setting

During the total phase of the solar eclipse, the light will significantly change and you will need to raise the exposure setting. *Remove the filter to photograph the total phase.*

3. Make sure your camera's flash is off, is adequately zoomed and in focus, and keep it steady, using a tripod if available.

4. Don't spend all of totality behind the lens of a camera! Look up and enjoy the moment! In some locations, totality can last up to 4 minutes.



Learn more

<https://eclipse.aas.org/imaging-video/images-videos>