How to Hold Partial Eclipse Parties in 2023 & 2024

Plan Eclipse-Day Events off the central paths*

Are You Ready to Celebrate Two Solar Eclipses?

- 1. Annular eclipse on Sat, October 14, 2023
- 2. Total eclipse on Mon, April 8, 2024

Important Notes:

- Most of North America will see two partial eclipses*
 You will need filters or projected images for the entire partial eclipse!
- For partial eclipses, expect slow changes over 3-4 hours. Find the timing/positions for your location in the links above.
- Expect a large crowd if you advertise. This is great publicity too libraries reported record sign ups for new library cards during the 2017 eclipse!!

To host an eclipse-day event, you will want to prepare:

- A spacious location outside with services
 - Make sure the horizons are low enough to observe the eclipse a field or parking lot is better than a forest or downtown with tall buildings.
 - Check the location a few days before to make sure there is no obstruction during the time of the partial eclipse.
 - We suggest partnering with a museum, church, library, school, or other organization to provide the space, bring in participants, and help facilitate the event. *If possible, plan this many months in advance!*
 - Visitors need bathrooms, water, parking, seating, shade, and power.

• People to help

- Answer <u>questions</u>/sharing <u>activities</u>
- Show how to view the eclipse/distribute safe solar viewing glasses
- Set up, direct traffic, clean up

• Viewing equipment

- DIY <u>Projection techniques</u> make your own pinholes, colanders, trees
- Solar viewing glasses one pair can be shared by a family
- <u>Filters for cameras and telescopes</u> make sure you're viewing safely!
- If it's cloudy (or even if not), <u>stream</u> the awe of annular and total eclipses

Other helpful materials

- Handouts, activities, citizen science
- Food/drink eclipse themed snacks
- Trash cans, tents/shade, sunscreen
- Music, vendors, craft tables, signs, guides



For the latest version of this guide

bit.ly/partialeclipseparty

* If you are in the path of totality, see <u>Community Solar Eclipse Planning Guide</u>





