

Comité Nacional para los eclipses solares de 2023 y 2024

### México bajo la Sombra de la Luna Mexico under the shadow of the Moon

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June 9-10, 2023 Solar Eclipse Planning Workshop, AAS

#### Last total solar eclipse visible in Mexico: July 1991\*

\* 1994 annular eclipse visible, 2002 annular eclipse briefly visible

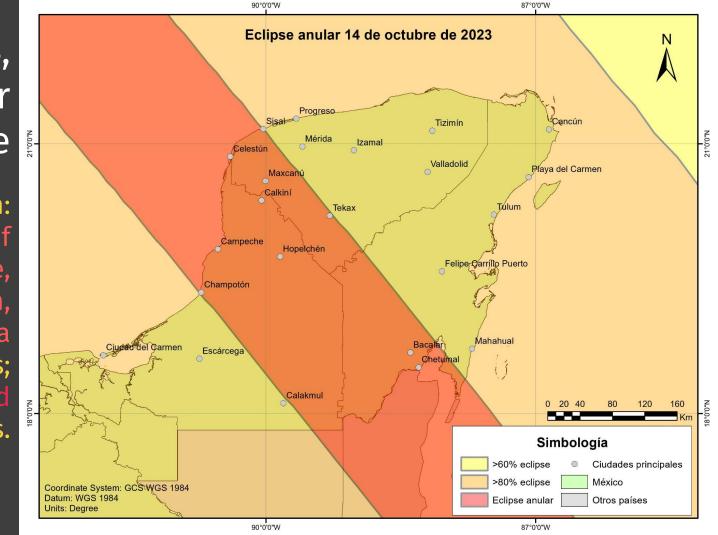
> Photo: La Paz, Baja California Sur, Mexico © Jesús Galindo (with permission)

Last partial solar eclipses visible in Mexico: 2014 & 2017

> Photo: 2014, Ensenada, Baja California, Mexico © Fernando Ávila Castro (with permission)

### October 14, 2023 Annular Eclipse

Maximum visible in: North half of Campeche, Southwest Yucatan, and South Quintana Roo states; Campeche and Chetumal cities.



### April 8, 2024 Total Eclipse

Totality visible in: Sinaloa, Durango, Coahuila and minor sections of Nayarit states;

Monclova and Piedras Negras cities.



Recommended places to go eclipse-hunting We will have observing sites in all these locations

Annular eclipse, 2023

**Campeche:** largest city in Mexico's path of annularity

**Chetumal:** closest to Riviera Maya tourist zone

Areas near Merida: tourist infrastructure larger than Campeche

Total eclipse, 2024

**Torreon:** highest probability of clear skies, good infrastructure

**Mazatlan:** largest tourist infrastructure in Mexico's path of totality; relatively high probability of clear skies

→ Contact us if you'd like to know more about specific cities or observing sites

# FCIPSES<br/>DÉXICO<br/>2023-2024Comité Nacional<br/>para los eclipses solares<br/>de 2023 y 2024

*Eclipses México:* The National Committee for the 2023 and 2024 solar eclipses has been working since early 2021

# Main goal: that the most people in Mexico may safely observe the 2023 & 2024 solar eclipses – We are:

- Coordinating in person observing sites along the paths of annularity and totality, and in most other states
- Training teachers so they can tell their students about the eclipses and show them how to safely enjoy them
- Working alongside Planetariums, amateur astronomers and outreach groups, including the largest amateur astronomy and outreach associations in the country
- Coordinating with local and state government agencies

- Planning online streaming of totality / annularity on social media
- Creating and sharing information and safety content on social media
- Creating content in several indigenous languages and Mexican Sign Language
- Creating content for children and the elderly
- Planning listening sites for blind people
- Giving public talks and having booths at book fairs, science fairs and similar events

## Focus group: teachers. We are conducting virtual and in person teachers training sessions state by state



### Social media: our main channels to reach the general public

@eclipsesmexico



Follow us for **Spanish content** related to the 2023 & 2024 solar eclipses! (focused on Mexico)

Committee contact: eclipses2324@gmail.com Web: eclipsesmexico.mx

### National Committee Institutions

- Instituto Nacional de Astrofísica, Óptica y Electrónica
- Kosmos Scientific México
- Noche de las Estrellas
- Noche Estelar
- Planetario de Torreón
- Red Nacional de Consejos Estatales de Ciencia y Tecnología
- Red de Planetarios de Quintana Roo
- Universidad Autónoma de Nuevo León
- Universidad Autónoma de Sinaloa
- Universidad Nacional Autónoma de México:
  - Escuela Nacional de Estudios Superiores Unidad Mérida
  - Instituto de Astronomía
  - Instituto de Radioastronomía y Astrofísica
- Ecosur-Campeche