



**ECLIPSES  
MÉXICO**  
2023-2024

**Comité Nacional  
para los eclipses solares  
de 2023 y 2024**

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

Presented by: René A. Ortega Minakata, IRyA UNAM  
On behalf of the *Eclipses México* National Committee

**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

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Last partial solar  
eclipses visible  
in Mexico:  
2014 & 2017

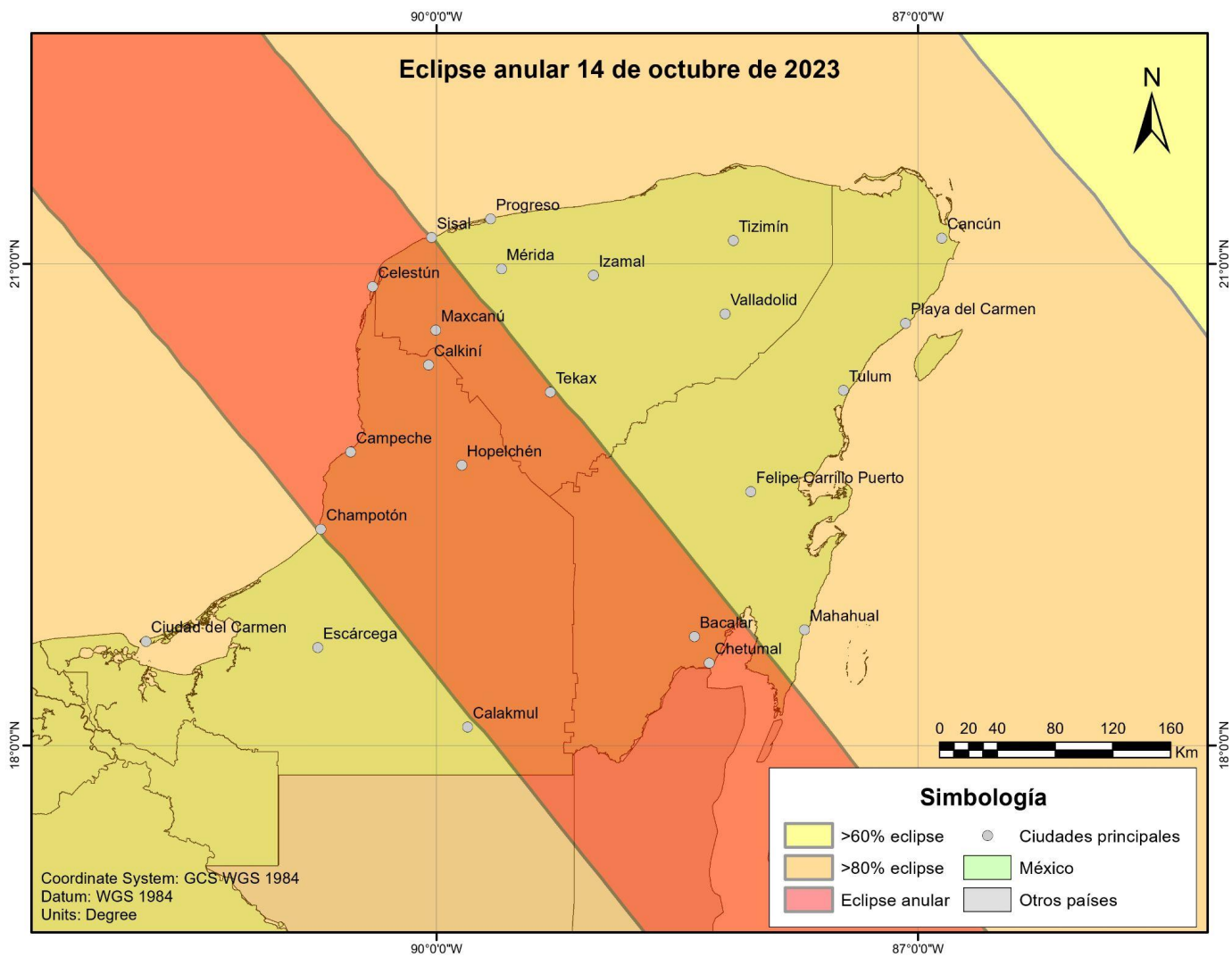


Photo: 2014,  
Ensenada, Baja  
California, Mexico

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# October 14, 2023 Annular Eclipse

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



# April 8, 2024 Total Eclipse

**Totally visible in:**  
Sinaloa, Durango,  
Coahuila and minor  
sections of Nayarit  
states;  
Mazatlan, Durango,  
La Laguna (Torreon /  
Gomez Palacio),  
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



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*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



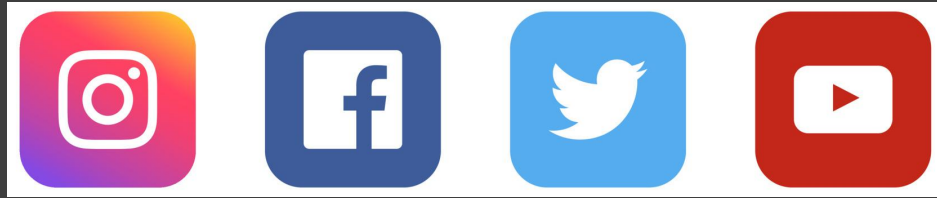
# Focus group: teachers. We are conducting virtual and in person teachers training sessions state by state



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**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](mailto:eclipses2324@gmail.com)

Web: [eclipsesmexico.mx](http://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