

LA CASA DEL MAPA

RECOMMENDED PRODUCTS



OBSERVE THE ECLIPSE

Glasses for the eclipse
EN ISO 12312-2:2015 and CE Certificate



BOOK

Eclipses de Sol. Los eclipses españoles de 2026, 2027 y 2028

Book about solar eclipses, astronomical principles, cycles and social impact, with a detailed description of the eclipses visible in Spain.

There is an option to acquire the glasses with the book, with the relevant price reduction.

ADVICE FOR OBSERVATION

PROTECT YOUR EYES

Solar radiation, on different wavelengths, may permanently damage your sight and even cause blindness. That damage does not cause a painful feeling, so it is even more harmful, as it may go unnoticed.

Observing the Sun without proper protection is very dangerous.

Essential rules:

- Homemade filters such as X-ray film, sunglasses, CDs, smoked glass, welding masks, cheap filters for binoculars and telescopes..., **are not safe** and are totally unrecommendable.
- Never look at the Sun without approved eye protection.
- Only use certified eclipse glasses.
- Even when wearing certified glasses, it is not recommendable to look at the Sun continuously for more than a minute.
- The glasses must cover the whole field of vision and be in a perfect condition (without being scratched or broken).
- The Sun may only be viewed without protection when it is fully hidden, during the total eclipse.

PRACTICAL TIPS

Get information on the next eclipses which may be observed in our country on the site www.trioeclipses.es:

- Find scientific and dissemination information.
- Access our interactive viewer visualizadores.ign.es/eclipses/ in the "Pathway centre" section where you can plan observation of the eclipse, consult the timetables, the percentage darkened and the weather forecast for your area in real time by the AEMET (State Meteorological Agency).
- Consult the most outstanding resources.

SAFETY RECOMMENDATIONS

The **Scientific and Advisory Commission on the Three Eclipses** recommends these five aspects to check whether eclipse glasses are safe:

- Compliance with the ISO standard must be clearly marked. **Look for the inscription "EN ISO 12312-2:2015"** on the glasses, their packaging or instructions. If it only says "ISO 12312-1" (general use), they are not fit to look at the Sun.
- If you have **bought them in the EU**, they must bear the authentic **CE mark**, not simply printed or stamped and with no other proof.
- **Pay attention to the labelling.** It must state the manufacturer's name, warnings on safe use, clear conservation instructions and, if applicable, an expiry date.
- **Physically examine the glasses.** If the filter is scratched, loose, bent, has clearer areas or if any defect is noticeable, you must not use them. A single weak point may let through enough light to damage your sight.
- **Consult reliable sources.** Bodies such as planetariums, astronomical associations or scientific institutions usually recommend distributors or products which have passed quality checks.



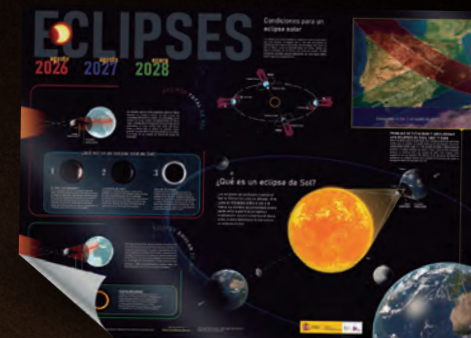
visualizadores.ign.es/eclipses



BOOK

Eclipses. El Sol y sus eclipses en la ciencia, la historia y las artes

A journey through solar eclipses in history and culture, with a section on the next three eclipses.



POSTER

Didactic infographics on eclipses



BOOK

Anuario del Real Observatorio Astronómico de Madrid 2026

A collection of astronomical phenomena in 2026, focusing on the total eclipse on 12th August.

There is an option to acquire the glasses with the book, with the relevant price reduction.

VISIBLE ECLIPSES IN SPAIN

VISIBLE ECLIPSES IN SPAIN 2026 · 2027 · 2028

Official astronomical information offered by the **National Geographic Institute**
based on the calculations by the **National Astronomical Observatory**.



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12 AUGUST 2026 TOTAL ECLIPSE

Visible in the late afternoon.
The total eclipse band will
cross Spain from North East
to East.

2 AUGUST 2027: TOTAL ECLIPSE

Visible in the morning.
The total eclipse band will
cross the South of Spain.

26 JANUARY 2028: ANNULAR ECLIPSE

Visible shortly before sunset.
The annular band will cross
the Peninsula from South East
to North East.

2026 2027 2028

THREE UNIQUE
ASTRONOMICAL
DATES



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