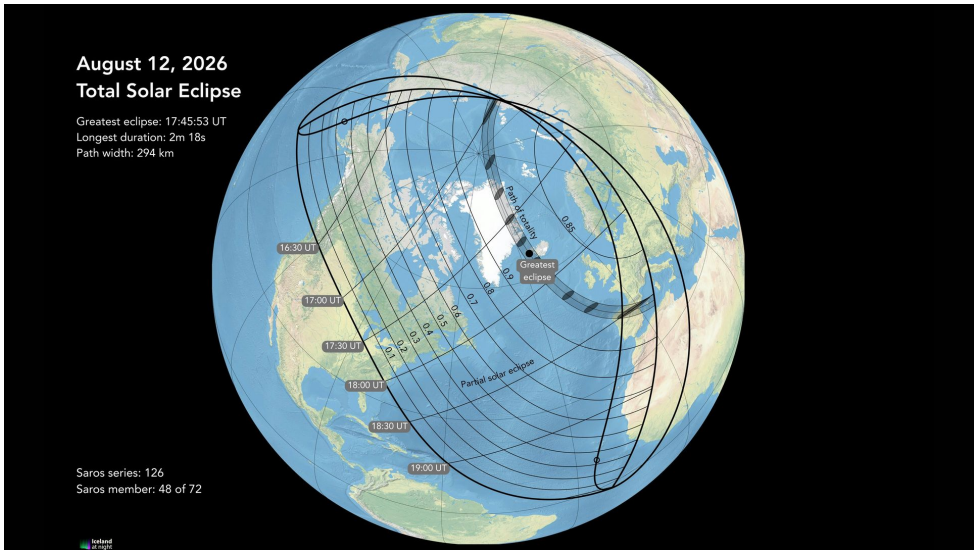


# The Total Solar Eclipse 2026

12th August



✧ AstroMedia UK ✧

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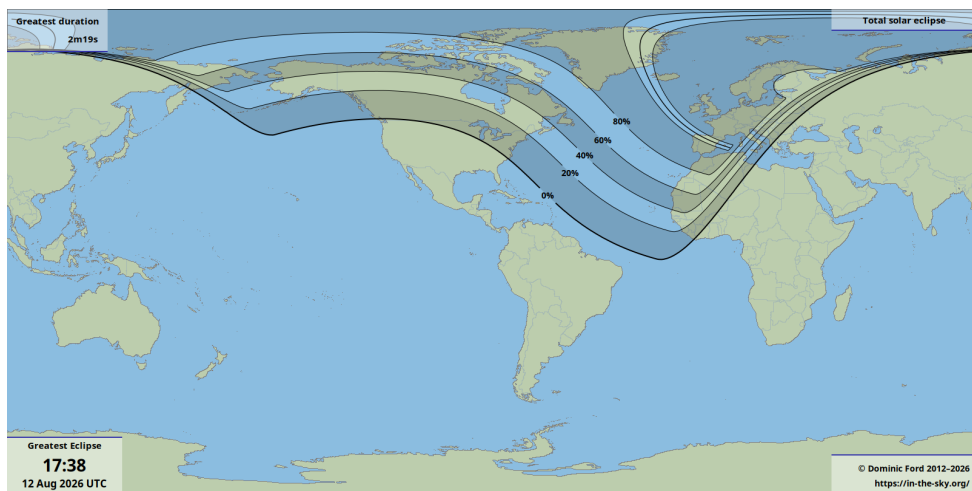
# The Total Solar Eclipse

## 12th August 2026

The last total solar eclipse over the UK was on the 11th August 1999 and could be seen from Cornwall and parts of South Devon. It was partial over the rest of the UK, but it was cloudy practically everywhere. The next total eclipse over the UK will be in 2090.

In August 2026 the path of totality will miss us again by a few hundred miles, but the eclipse will still be quite spectacular with the degree of occultation ranging from 86% at the east coast to 96% in Cornwall. In London it will be around 88%. This means that in the UK we won't be able to see the corona, but we can nevertheless observe the Moon moving across most of the Sun, and the darkening of the landscape, although not complete, will be quite impressive.

The map above shows where the eclipse can be observed and which degree of occultation can be expected. The eclipse starts in Russia at 15:38 UTC, and finishes in Algeria at 19:12 UTC. From the UK it can be observed between about 18:20 and 20:06 UTC (between 19:20 and 21:06 British Summertime).



**ATTENTION:** When observing the Sun it is of utmost importance that you use safe viewing equipment, to make sure you don't damage your eyes! In former times people used all kinds of contraptions to dim the sunlight, for example glass plates that were darkened with soot, or over-exposed strips of photographic film. The problem with these makeshift solutions is that they don't block the infrared radiation of the Sun. The radiation in the visible spectrum is reduced, so that you are not dazzled. But at the same time your pupils are wide open, which lets the infrared radiation reach your retina without restraint, leading to permanent eye damage. We therefore recommend using our original BAADER Solar Filter Film with a filter factor of 100,000 over the whole spectrum of the Sun. This film is available separately in two different sizes, in a set with one of our telescopes, or of course ready-mounted in one of our practical and popular Solar Observations Specs.



## BAADER AstroSolar™ Solar Filter Film

With the help of this special CE certified film with a filter factor of 100,000 you can observe the Sun directly with your binoculars or telescope. The film reduces the solar radiation by at least 99.999%. Just fit the foil over the aperture / objective lens (NOT over the eyepiece!).

Size 290 x 200 mm

Article No 233.ASF

**£27.90**

Size 75 x 75 mm

Article No 257.ASK

**£5.25**

## The Newton Telescope and Solar Filter

This is a kit for a fully functional Newton reflecting telescope with Dobsonian mounting. The main BAADER glass mirror with SiO<sub>2</sub> coating has a diameter of 70 mm and a focal length of 450 mm. Two eyepieces provide magnification factors of 16 and 30, enough for observation of moon craters and even the moons of Jupiter. With the additional BAADER Solar Filter cap you can view the eclipse, sunspots, and planetary transits safely with high magnification.

Telescope: Article No 806.NST

**£33.20**

Filter: Article No 210.NSF

**£5.90**



## The Plumber's Telescope

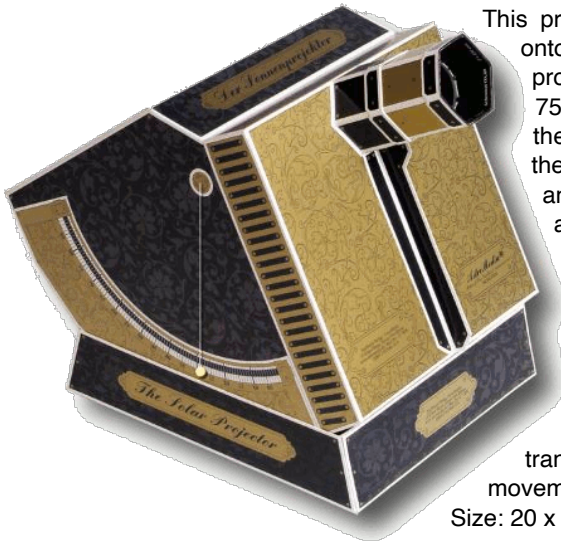
With a piece of waste pipe and fittings (not included) you can build yourself a sturdy astronomical telescope with a sharp colour corrected image and 30x magnification that can be mounted on an ordinary photographic tripod. It shows an upside down picture like most astronomical telescopes. The optical quality is excellent due to the achromatic objective lens and the Plössl eyepiece. With an additional BAADER Solar Filter Film (see above) you can view the eclipse and sunspots safely with high magnification. The kit contains a set of high quality achromatic glass lenses, a tripod adapter, cardboard fittings, instructions, and a shopping list for your local DIY store.

Article No 240.BTL **£18.95**

Article No 257.ASK **£5.25**



## The Solar Projector



This practical instrument projects the Sun onto a view screen. The diameter of the projection can be chosen as 55mm or 75 mm. Easy and safe to use and therefore ideal to introduce children to the Sun! The optical system consists of an achromatic glass lens, one plane and two convex mirrors. The projector can be adjusted between 0 and 90 degrees, two quadrants measure the Sun's declination. It is ideal if you want to observe the eclipse with several people or children. When the eclipse is over, you can use it to observe planetary transits or sunspots, and track their movement across the surface of the Sun.

Size: 20 x 20 x 25 cm

Article No 814.SPR **£26.90**



## The AstroMedia Solar Observation Specs

If you want to look straight at the Sun, you should only do so with proper eye protection. The original BAADER solar filters of these spectacles with a filter factor of 100,000 are CE certified and offer perfect protection when observing the Sun. These specs are absolutely essential for safe viewing of the eclipse!

A discount for larger quantities is available.

Article No 260.ASB **£3.85**



## The Solar Telescope

With this kit you can build a small telescope with 6x magnification. It comes with an original BAADER solar filter film that allows for direct observation of the Sun and the eclipse. Without the filter you can project a 2" picture of the Sun onto a white piece of paper, or just use it to observe nature.

A discount for larger quantities is available.



Article No 847.STL-E **£5.25**