



# Solar glass reaches its peak





## Overview

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NASA and NOAA said this week that the sun has officially reached Solar Maximum, the peak of its 11-year cycle. NASA heliophysicist C. Alex Young and EarthSky's founder Deborah Byrd talked about it on this week's Friday livestream, our Sun News of the Week. Watch in the player above, or on YouTube.

We know that the sun has entered its peak phase of activity, called solar maximum. But are we still in it, or is solar maximum already behind us?

Let's see what the data has to say. Although we cannot see it with our bare human eyes, the sun is highly dynamic. On the sun's surface, regions of

The sun's activity follows an 11-year cycle, known as the solar cycle, which involves phases of intense solar activity. The peak of this cycle, referred to as solar maximum, has long been anticipated for mid-2025. But, new data suggests that Solar Cycle 25 might have already surpassed its predicted.

The Sun emitted its largest flare of Solar Cycle 25 on Oct. 3, 2024. NASA classified it as X9.0, where X is the strongest class, and the higher the number, the more powerful the flare. Credit: NASA/SDO NASA and NOAA jointly announced that the Sun has reached the peak of its 25th solar cycle.

These images are in the 171 wavelength of extreme ultraviolet light, which reveals the active regions on the sun that are more common during solar maximum.



Credit: NASA/SDO In a teleconference with reporters on Tuesday, representatives from NASA, the National Oceanic and Atmospheric Administration.



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### [It's Official: NASA Declares The Solar Maximum Is ...](#)

Brace yourselves, Earthlings: NASA, the NOAA, and the Solar Cycle Prediction Panel have officially declared that solar maximum is now ...

### [Sun has reached its solar maximum period](#)

In a teleconference on Tuesday, NASA, NOAA, and the International Solar Cycle Prediction Panel announced that the Sun has reached its solar maximum, which may last for ...



### [NASA, NOAA: Sun Reaches Maximum Phase in 11 ...](#)

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### [Has the sun already passed solar maximum?](#)

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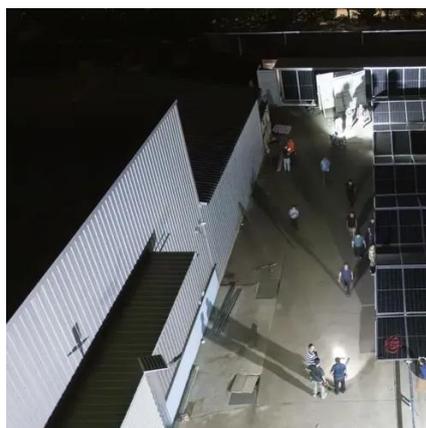
## **NASA SVS , NASA, NOAA Announce That the Sun Has Reached the Solar**

In a teleconference with reporters on Tuesday, October 15, 2024, representatives from NASA, the National Oceanic and Atmospheric Agency (NOAA), and the Solar Cycle ...



## **Has the Sun Already Passed Solar Maximum? What Recent Data ...**

While the exact timing of solar maximum remains uncertain, the most recent data points suggest that Solar Cycle 25 is more intense and may have reached its peak earlier than ...



## [Sun has reached its solar maximum period](#)

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## [Joint Solar Maximum Announcement from NASA and NOAA](#)



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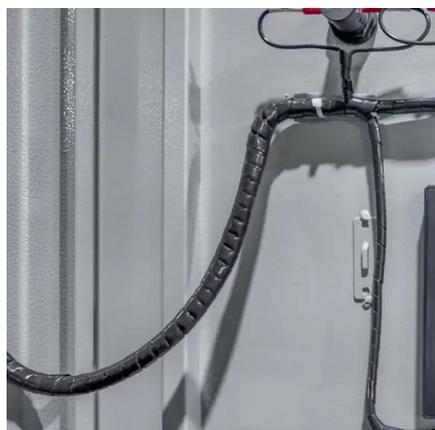


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### [Joint Solar Maximum Announcement from NASA ...](#)

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### [Sun officially reaches solar maximum in its 11-year cycle](#)



Bottom line: NASA and NOAA announced on October 15, 2024, that the sun has reached the peak of its 11-year solar cycle, or what is known as solar maximum. Via NASA



### [The Sun has reached solar maximum, NASA and NOAA ...](#)

NASA and NOAA jointly announced that the Sun has reached the peak of its 25th solar cycle, characterized by significantly higher activity than the previous cycle, evidenced by ...

### [NASA, NOAA: Sun Reaches Maximum Phase in 11-Year Solar ...](#)

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### [Sun reaches maximum phase in 11-year solar cycle](#)



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### **It's Official: NASA Declares The Solar Maximum Is Happening Now**

Brace yourselves, Earthlings: NASA, the NOAA, and the Solar Cycle Prediction Panel have officially declared that solar maximum is now underway. What does that mean? ...



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