

# Latest solar system news







### **Overview**

Uranus' 29th moon was hidden inside the planet's dark inner rings, new observations from the James Webb Space Telescope reveal. New images from the Hubble telescope show an extrasolar entity as it hurtles through our solar system at speeds of more than 130,000 mph (210,000 km/h).

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Aug. 18, 2025 — NASA and ISRO s NISAR satellite has just reached a major milestone: the successful deployment of its enormous 39-foot antenna reflector in orbit. Folded up like an umbrella during launch, the reflector is now fully extended and ready to support. Aug. 18, 2025 — With its two tiny.

Here you'll find the latest news from our ongoing exploration of the solar system. Whether it be stunning pictures from NASA's Curiosity rover, new reports from Venus, or new revelations about planets' history and formation, we bring you authoritative reports on the coolest and most important.

Reference See what moon phase it is tonight and find out when you can see the rest of the moon phases for 2025. Two colossal plasma fountains tore away from the sun in a breathtaking double blast, one of the most impressive eruptions this solar cycle. Tidal forces from Earth, Venus and Jupiter may.

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Uranus' 29th moon was hidden inside the planet's dark inner rings, new observations from the James Webb Space Telescope reveal. New images from the Hubble telescope show an extrasolar entity as it hurtles through our solar system at speeds of more than 130,000 mph (210,000 km/h). New simulations.

In a groundbreaking study that rewrites our understanding of the solar



system's early years, scientists have uncovered stunning new details. Crystalline water ice, long recognized as a fundamental building block in shaping planets and moons in our Solar System, has. NASA's Juno spacecraft has. Where can I find the latest science news on Solar System?

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Will a new astronomer find millions of new Solar System objects?

June 3, 2025 — Astronomers have revealed new research showing that millions of new solar system objects are likely to be detected by a brand-new facility, which is expected to come online later this . June 3, 2025 — Scientists have identified a new source of energetic particles near the Sun.

How many planets are in the Solar System?

Solar System Planets. Astronomy articles on the eight planets, plus the two dwarf planets, Pluto and Eris. Great pictures of everything in the solar system. Updated daily.

Did Michigan State astronomers find a new object outside our Solar System?

When the news started to spread on July 1, 2025, about a new object that was spotted from outside our solar system, only the third of its kind ever known, astronomers at Michigan State University—along with a team of international.

How did the Solar System form?

The Solar System [a] consists of the Sun and those celestial objects bound to it by gravity, all of which formed from the collapse of a giant molecular cloud approximately 4.6 billion years ago.

What is the largest object found in the outer Solar System?

A newly discovered object in the outer solar system, 2017 OF201, is the largest found in more than a decade. Astronomers have watched clouds move in Titan's atmosphere and even observed the chemistry of Saturn's moon in action. Rayed craters pepper the Moon especially around full. Cassini's Bright Spot is one of the most striking.



### **Latest solar system news**

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### Scientists found a possible new dwarf planet -- it

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A potential new dwarf planet has been discovered in the outer reaches of the solar system, and its existence poses the greatest challenge yet to the hypothesis that a ninth planet lurks far from

### Are new planets being formed outside our solar

...

Are new planets being formed outside our solar system? Here's what astronomers have found "It's a direct glimpse of the hot region where rocky planets like Earth are born," said Melissa McClure of Leiden Observatory in the ...



# Dawn of a New Solar System: Watch Planets Begin to Form 1300 ...

In a cosmic first, scientists watched planetforming materials begin to solidify around a newborn star, offering a peek into what our Solar System may have looked like at birth. It's a stunning replay of planetary evolution, just 1300 light-years away.



# Planet Nine? Astronomers spot potential ninth planet ...

Researchers have found a candidate for the hypothetical Planet Nine, which could be an undiscovered giant planet way out in our solar



system. However, as with all ninth planet research, the new





## Uncharted Territory: What the Newly Found Solar

Astronomers recently discovered distant objects beyond the Kuiper Belt using the Subaru Telescope, revealing what could be an outer ring of celestial bodies orbiting the Sun. This new discovery suggests a complex ...

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