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## Solar system hidden





## Overview

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Is there a cluster of objects at the edge of our Solar System?

Whoa. A decade of observations with the Subaru Telescope in Hawaii has uncovered the existence of an intriguing cluster of objects at the edge of our Solar System.

What will Rubin's data tell us about our Solar System?

Rubin's data will help scientists piece together how our solar system formed and evolved. The predicted stats are staggering: 127,000 NEOs, 109,000 Jupiter Trojans, 37,000 distant Kuiper Belt objects, and more. Rubin will find them all in color and motion, revealing spin rates, surface types, and more.

Will a new observatory blow the lid off our Solar System?

A new observatory perched high in the Chilean Andes is about to blow the lid off our solar system—and scientists say it's going to be like switching from a black-and-white TV to 4K color. The National Science Foundation and Department of Energy project, the Vera C. Rubin Observatory, is slated to begin operations later this year.

Why is our solar system so unique?

In other words, our Solar System might be less unique than we think it is. The prevailing theory on how it formed is that it coalesced from a solar nebula — essentially a dense cloud of gas. But the Kuiper Belt's apparently small size put constraints on this nebula that suggested it would have needed to be unusually small.



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### [Something Mysterious Is Hiding in Our Solar System](#)

Sep 7, 2024 · The potential discovery of a hidden structure in the Kuiper Belt marks an exciting new chapter in our exploration of the Solar System. It challenges traditional notions of where

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### [Scientists Find a Hidden Tiny World Right in Our Own Solar System](#)

Jul 19, 2025 · Scientists have discovered a mysterious tiny world at the edge of our solar system, revealing secrets about the solar system's infancy.



### **Something Massive Could Still Be Hiding in The Shadows of Our Solar System**

Aug 2, 2025 · Is there a massive undiscovered planet on the outer reaches of the Solar System? The idea has been around since before the discovery of Pluto in the 1930s.

### **New observatory will reveal millions of objects hidden in our solar system**

Jun 8, 2025 · Astronomers anticipate an unprecedented view of the solar system as the Rubin Observatory begins to scan millions of



hidden celestial objects.



### [Upcoming Telescope Predicted to Discover Millions of Hidden Solar](#)

Jun 5, 2025 · Upcoming Telescope Predicted to Discover Millions of Hidden Solar System Objects With 3.2 billion pixels and a decade-long search, the Rubin Observatory will reveal what's ...

### [Unlocking the Secrets of the Outer Solar System: The Hidden ...](#)

Jul 17, 2025 · Implications and Theories: Rethinking Solar System Formation The discovery and analysis of distant objects like Ammonite challenge the traditional models of Solar System ...



### [Scientists detect signs of a hidden planet in our solar system](#)

Jun 10, 2025 · Scientists detect signs of a hidden planet in our solar system Beyond the edge of Neptune, a distant realm of icy debris known as the Kuiper Belt stretches deep into space.



## [Solar system: a hidden planet revealed in 2025, a mystery ...](#)

The year 2025 marks a fascinating turning point for astronomy and our understanding of the solar system. A staggering discovery has just been revealed: a hidden planet, long in the shadows,

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## [Astronomers uncover a hidden world on the solar system's ...](#)

Sep 6, 2025 · Astronomers have uncovered a massive new trans-Neptunian object, 2017 OF201, lurking at the edge of our solar system. With an orbit stretching 25,000 years and a size that ...

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