

Solar System Access





Overview

What is a simulated live view of the solar system?

This is a simulated live view of the solar system that allows you to explore the planets, their moons, asteroids, comets, and the spacecraft interacting with them in 3D. You can also fast-forward or rewind time, and explore the solar system as it looked from 1950 to 2050, complete with past and future NASA missions.

What is ESA doing in the Solar System?

ESA's exploration of the Solar System is focused on understanding Earth's relationship with the other planets, an essential stepping stone for exploring the wider Universe. In the next decade, our research will shed new light on planets around other stars.

Why should we explore our Solar System?

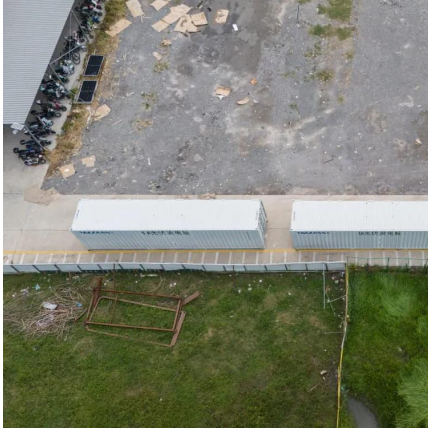
Exploring our solar system to understand its origins and evolution. At NASA, uncovering the mysteries of our solar system's origins and evolution – including the search for signs of habitability on other worlds – drives our planetary science missions.

How does 'Eyes of the Solar System' work?

'Eyes of the Solar System' uses data and images from NASA missions to give you a simulated view of our solar system.



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[Solar System Exploration](#)

Dec 4, 2025 · The solar system has one star, eight planets, five dwarf planets, at least 290 moons, more than 1.3 million asteroids, and about 3,900 comets.

[Shanghai Astronomical Observatory.Chinese Academy of](#)

2 days ago · 12-05-2017 International Workshop on Solar System Small Bodies
Exploration_Second Announcement 26-04-2017
China-South Africa Bilateral Workshop on ...

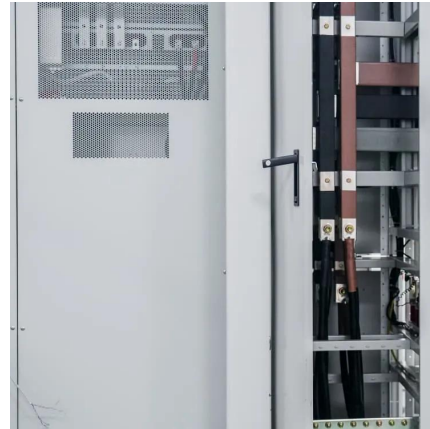


Solar System

Jan 12, 2021 · Solar System Exploration at JPL
Spacecraft managed by JPL for NASA have visited every planet in our solar system. This daunting accomplishment began when the JPL ...

Eyes

Sep 30, 2025 · Eyes on the Solar System This simulated live view of the solar system allows you to explore the planets, their moons, asteroids, comets and the spacecraft interacting with them ...



Solar System Exploration Division

The Solar System Exploration Division conducts theoretical and experimental research to explore the solar system and understand the formation and evolution of planetary systems.



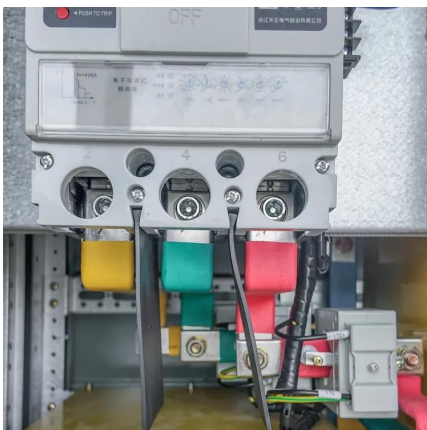
ESA

Dec 4, 2006 · ESA's exploration of the Solar System is focused on understanding Earth's relationship with the other planets, an essential stepping stone for exploring the wider ...



NASA/JPL Eyes

Aug 26, 2024 · NASA's Solar System Interactive (also known as the Orrery) is a live look at the solar system, its planets, moons, comets, and asteroids, as well as the real-time locations of ...





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