

Voyager 1

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Voyager 1 Latest News

Voyager 1 is expected to become the first human-made object to reach a distance of one light-day from Earth.

About Voyager 1

- It is a space probe launched by **NASA in 1977**.
- **Objective:** To explore the **outer planets in our solar system**.
- It is the first spacecraft to travel beyond the solar system and reach interstellar space.
- It is currently the **most distant human-made object** from Earth.
- Voyager 1's mission has included **flybys of Jupiter and Saturn**, with the goal of studying their moons, rings, and magnetic fields.
- **Instruments of Voyager 1:** Cosmic Ray Subsystem, Plasma Wave Subsystem, Infrared Interferometer Spectrometer and Radiometer (IRIS) etc.

Key Achievements of Voyager 1

- It was the first **spacecraft to cross the heliosphere**, the boundary where the influences outside our solar system are stronger than those from our Sun.
- It **crossed into interstellar space** in August 2012, making it the first human-made object to venture out of the solar system.
- It **discovered a thin ring around Jupiter** and two new **Jovian moons: Thebe and Metis**.
- **It also found** five new moons and a **new ring called the G-ring at Saturn**.

Source: LM

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