

Lyrid Meteor

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About Lyrid meteor:

- According to NASA the first recorded sighting of a Lyrid meteor shower goes back to 687 BC by the Chinese.
- It is best viewed in the **Northern Hemisphere** during the dark hours.
- Meteor showers are usually **named after a star or constellation** that is close to where the meteors appear to originate in the sky.
- The Lyrid shower gets its name from the **constellation Lyra**.
- The last Lyrid outburst was in 1982 when 75 meteors per hour were recorded by observers in Florida.

What is Meteoroid, Meteor and Meteorite?

- It is an **object in space** that range in size from dust grains to small asteroids.
- When meteoroids enter Earth's atmosphere (or that of another planet, like Mars) at high speed and burn up, **the fireballs or "shooting stars" are called meteors**.
- When a **meteoroid survives** a trip through the atmosphere and hits the ground, it's called a **meteorite**.
- **What is the significance of Meteors?**
- It helps in understanding **early conditions and processes in the solar system's history**.

- These include the **age and composition** of different **planetary building blocks**, the temperatures achieved at the surfaces and interiors of asteroids, and the degree to which materials were shocked by impacts in the past.
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Q1) What is constellation?

A constellation is a group of stars that are perceived to form a recognizable pattern or shape when viewed from Earth. Each constellation is defined by a specific set of stars, and their positions relative to each.

Source: [Lyrid meteor shower peaks this weekend: How to watch the 'falling stars'?](#)

Source: <https://vajiramandravi.com/current-affairs/lyrid-meteor/>

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