

Arsia Mons

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Arsia Mons Latest News

NASA's 2001 Mars Odyssey orbiter recently delivered a stunning new picture from Mars, capturing the colossal Arsia Mons volcano piercing through a dense layer of early morning clouds.

About Arsia Mons

- Arsia Mons is a **massive shield volcano** located in the **Tharsis region of Mars**.
- It is **one of the largest volcanoes in the solar system**, with a height of over 18 kilometers (11 miles) and a base diameter of more than 300 kilometers (190 miles), dwarfing Earth's tallest volcano, Mauna Loa, which rises 6 miles (9 kilometers) above the seafloor.
- Arsia Mons is **part of the Tharsis Montes, a group of three large shield volcanoes** on Mars.
- It is the southernmost of the three Tharsis Montes volcanoes.
- The volcano has a caldera (summit crater) that is approximately 110 kilometers (68 miles) wide.
- Arsia Mons is believed to have been **volcanically active for billions of years**, with the most **recent eruptions occurring within the past 2 million years**.
- The **flanks** of Arsia Mons are **covered in lava flows, channels, and other volcanic features**, indicating a long and complex eruptive history.
- Arsia Mons is thought to have **formed through the gradual accumulation of fluid basaltic lava flows**, characteristic of shield volcano formation.

Arsia Mons FAQs

Q1. Where is Arsia Mons located?

Ans. Tharsis region of Mars

Q2. What type of volcano is Arsia Mons?

Ans. Shield volcano

Q3. How tall is Arsia Mons?

Ans. Over 18 km

Source: [NDTV](#)