



## MOUNT ADAMS : WORLD GEOGRAPHY

**NEWS :** Is Mount Adams going to erupt after thousands of years of dormancy? Find out here

### WHAT'S IN THE NEWS ?

Mount Adams, Washington's largest volcano, has shown an increase in seismic activity after being dormant for thousands of years. The US Geological Survey has installed temporary seismic stations to monitor potential eruptions and is focusing on the risks of lahars and landslides from the volcano's weakened rock.

### Mount Adams:

- A stratovolcano located in Washington, USA, standing at 12,277 feet (3,742 meters) with a diameter of 18 miles (29 kilometers).
- Larger in volume than Mount Rainier.
- It resides in the Mount Adams volcanic field, covering 1,250 sq. km with at least 120 basaltic volcanoes.
- Last erupted between 3,800 and 7,600 years ago; 10 active glaciers exist.

### Stratovolcano:

- A conical, layered volcano known for both explosive and effusive eruptions.
- Steep profile, often with a summit crater or caldera.
- Composed of high-viscosity lava (felsic magma) and sequential layers of erupted materials.
- Examples: Krakatoa, Mount St. Helens, and Mount Pinatubo.

### Ring of Fire:

- A semicircle of 450 active/dormant volcanoes located around multiple tectonic plates like the Pacific and Philippine Sea plates.
- 90% of the world's earthquakes occur here.
- Formed by the movement and subduction of tectonic plates





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**P.L. RAJ IAS & IPS ACADEMY | 1447/C, 3rd floor, 15th Main Road,  
Anna Nagar West, Chennai-40. Ph.No.044-42323192, 9445032221  
Email: plrajmemorial@gmail.com Website: www.plrajiasacademy.com  
Telegram link: <https://t.me/plrajias2006> YouTube: P L RAJ IAS & IPS ACADEMY**