

Shiveluch Volcano

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Shiveluch Volcano Latest News

The Shiveluch Volcano in Russia's Far East erupted recently, sending ash plumes 10 km into the air and triggering red-level aviation alerts for the area.

About Shiveluch Volcano

- It is one of the **largest and most active volcanoes** located on **Russia's Kamchatka Peninsula**, one of the most intense volcanic regions in the world.
- It's estimated to be between 60,000-70,000 years old.
- It is a **stratovolcano**—a steep-sloped volcano composed of alternating layers of solidified ash, hardened lava, and volcanic rocks.
- It sports a summit reaching 3,283 meters (10,771 feet).
- The **summit** is truncated by a broad **9-km-wide caldera**. The lava dome complex was constructed within the large open caldera.
- **Many lava domes** occur on the **outer flanks**.

- **Frequent collapses of the dome complex** have produced debris avalanches; the resulting deposits cover much of the caldera floor.
- It has **had more major eruptions than any other volcano** in our **current period of geologic time**, with an estimated 60 substantial eruptions in the past 10,000 years.
- The volcano has been **continuously erupting since August 1999**, but occasionally undergoes powerful explosive events.
- It has been **spewing ash and steam intermittently**—with occasional **dome collapses, pyroclastic flows, and lava flows**, as well—for the **past decade**.

Source: IS

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