



**17 Oct 2025**

## **Place in News - Mount Lewotobi Laki-laki**

**Context:** Indonesia's Mount Lewotobi Laki-laki volcano has erupted, releasing volcanic ash up to 10 kilometers into the atmosphere, which has led authorities to elevate the alert status to its highest level.



### **About Mount Lewotobi Laki-laki:**

- Mount Lewotobi Laki-laki is an active stratovolcano that is part of the twin-peaked Lewotobi volcanic complex, with its counterpart being Lewotobi Perempuan, which translates to “female” in Indonesian. The term “Laki-laki” means “male” in the Indonesian language.

### **Location:**

- It is located on the island of Flores in the East Nusa Tenggara province of Indonesia, roughly 30 kilometers southeast of the city of Maumere. The volcano is situated within the Pacific “Ring of Fire,” a tectonically active region known for its frequent earthquakes and volcanic eruptions.

### **Geological Origin:**

- The formation of the volcano is attributed to subduction processes along the Sunda–Banda Arc, where the Indo-Australian Plate is being pushed beneath the Eurasian Plate, resulting in significant volcanic activity in the area.



### Key Features:

- **Type:** Stratovolcano (composite cone)
- **Twin System:** Constitutes the Lewotobi complex, with summit craters located less than 2 kilometers apart.
- **Eruption Style:** Characterized by explosive eruptions, pyroclastic flows, and ash plumes.
- **Elevation:** Approximately 1,584 meters (5,197 feet) above sea level.

### Significance:

- **Hazard Impact:** The eruptions of the volcano have repercussions for air traffic, local agriculture, and nearby communities, necessitating frequent evacuations.
- **Scientific Importance:** It acts as a natural laboratory for the examination of volcanic behavior, magma evolution, and the tectonics of the Ring of Fire.
- **Cultural Aspect:** The “husband and wife” volcanoes are integral to local folklore, representing balance and duality in the traditions of Flores Island.