



Kilauea Volcano: Hawaii

Why in News

Recently, a surge of [earthquakes](#) and the ground swelling at the **southern part of the crater** was noticed at **Hawaii's Kilauea volcano**.

- A volcano is an **opening on the surface** that allows material warmer than its surroundings to escape from its interior.



Key Points

- **About:**
 - Kilauea, also called **Mount Kilauea** (“Much Spreading” in Hawaiian), is located in **Hawaii**

Volcanoes National Park on the **southeastern part of the island of Hawaii, US.**

- Kilauea's slopes merge with those of the nearby **volcano Mauna Loa on the west and north.**
- It is an **elongated dome built of lava eruptions from a central crater** and from lines of craters extending along east and southwest rifts, or fissures. The **volcano's 4,090-foot summit** has collapsed to **form a caldera.**

- A **caldera is a depression** created after a volcano partially collapses after releasing the majority of its magma chamber in an explosive eruption.

▪ **Eruptive history:**

- The caldera was the site of **nearly continuous activity** during the 19th century and the early part of the 20th century.
- It is **one of the world's most active volcanoes**, having erupted **34 times since 1952.**

- From **1983 to 2018, it erupted almost continuously.** In December 2020, It erupted at the crater, creating a lake with enough lava to fill 10 Hoover **dams**. That eruption ended in May 2021.

▪ **Recently Erupted Volcanoes:**

- [Sangay Volcano: Ecuador](#)
- [Taal Volcano: Philippines](#)
- [Mt. Sinabung](#), [Merapi volcano](#), [Semeru volcano](#) (Indonesia)

▪ **Volcanoes in India:**

- **Barren Island**, Andaman Islands (**India's only active volcano**)
- **Narcondam**, Andaman Islands
- **Baratang**, Andaman Islands
- **Deccan Traps**, Maharashtra
- **Dhinodhar Hills**, Gujarat
- **Dhosi Hill**, Haryana

[Source: TH](#)

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