



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](#)