



# 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.



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## 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 19<sup>th</sup> century and the early part of the 20<sup>th</sup> 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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