

Hawai'i Physical Geography: Background Lecture & Quiz

⚠ This is a preview of the published version of the quiz

Started: May 18 at 1:52pm

Quiz Instructions

Basic information about physical geography of the Big Island of Hawai'i can be learned watching this video by Dr. Ryan Heintzman

[OR the same information, but a bit more thorough, can be learned by reading this material ([PDF version](#), [MS Word version](#)).



The questions in the quiz involved content that exists in both the video presentation and in the readings. Either source will provide you what you need.

WARNING: This quiz can only be taken once. However, the canvas quizzes are programmed so you can pause and then return to them.

Question 1

1 pts

Take a look at the volcano below - what stage of volcanism is this one currently in?



- Post-shield
- Shield
- Rejuvenated

Question 2

1 pts

Which one of the following is NOT a shield volcano found on the Big Island of Hawai'i? Select the best answer.

- Kohala
- Mauna Loa
- Hualalai
- Mauna Kea
- Maui
- Kilauea

Question 3

1 pts

Take a look at the volcano below - what stage of volcanism is this one currently in (hint - are the slopes "smooth" or "bumpy"?)



- Shield
- Rejuvenated
- Post-shield

Question 4

1 pts

Volcanoes found across the globe tend to be concentrated at the boundaries of tectonic plates (where they are crashing together or pulling apart). Yet, Hawai'i is set in the middle of a tectonic plate (the Pacific Plate). What is the reason for the existence of the volcanoes of the Big Island and the entire Hawaiian Island chain?

- There is a ripping zone in the asthenosphere underneath the crust, much like a rip in your pants. As the rip grows, another new island emerges with volcanoes.
- Nobody really knows the answer to this question. It is a mystery that has persisted in science for centuries.
- an asteroid crashed into the Pacific Ocean and cracked the tectonic plate, resulting in the Hawaiian and also the Emperor volcanic chains
- a hot spot in the mantle

Not saved

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