

Name _____

Unveiling Mauna Loa: Earth's Largest Volcano

Short Answer Key

1. Mauna Loa formed due to a hotspot, while Mount Everest resulted from the collision of tectonic plates.
2. Scientists use instruments such as seismometers, gas analyzers, and satellite imagery to monitor Mauna Loa's volcanic activity. Monitoring is crucial for providing early warnings and ensuring the safety of nearby communities.
3. Mauna Loa's eruptions break down into fertile soil, benefiting agriculture and supporting diverse ecosystems.
4. Mauna Loa is considered a sacred place in Hawaiian culture and is associated with stories, legends, and rituals. It holds deep cultural significance and inspires reverence among the Hawaiian people.
5. Mauna Loa produces runny, low-viscosity lava, which flows easily and results in a broad, gently sloping shape.

