

# Hawai'i Volcano Hazard Update

## HAWAI'I VOLCANO HAZARD UPDATE May 9, 2018

### **KĪLAUEA VOLCANO**

19.42° N, 155.29° W, Summit Elevation 4091 ft (1247 m)

Current Volcano Alert Level: WARNING

An eruption is in progress along Kīlauea Volcano's lower East Rift Zone. Small fissure vents have opened in Leilani Estates subdivision. Additional fissure outbreaks producing spatter and lava flows are likely. Locations cannot be predicted with certainty, but new outbreaks so far have been preceded by ground cracking, then strong steam and volcanic gas release. High levels of volcanic gas including sulfur dioxide are being released from the fissure vents. Areas further along the rift from the current fissure zone are the most likely to see further outbreaks. Areas downslope of an erupting fissure or vent are at risk of being covered by lava. The general area of the Leilani subdivision remains at greatest risk. However, as the eruption progresses, other areas of the lower East Rift Zone may also be at risk. As the lava lake level inside the summit crater drops, rockfalls from the crater walls may increase, causing explosions from the lake onto the nearby crater rim. Residents of the area should remain alert, review emergency plans, heed closures and evacuations, and watch for further information about the status of the volcano.