

Hawaii officials airlift 4 residents after lava crosses road

May 19 2018, by Caleb Jones



Lava shoot out of a fissure on Pohoiki Rd, Friday, May 18, 2018, near Pahoa, Hawaii. Hawaii residents covered their faces with masks after a volcano menacing the Big Island for weeks exploded, sending a mixture of pulverized rock, glass and crystal into the air in its strongest eruption of sandlike ash in days. (AP Photo/Marco Garcia)

Fast-moving lava crossed a road and isolated about 40 homes Friday in a rural subdivision below Hawaii's Kilauea volcano, forcing at least four

people to be evacuated by county and National Guard helicopters.

Hawaii County Civil Defense said police, firefighters and National Guard troops were securing the area of the Big Island and stopping people from entering.

The homes were isolated in the area east of Leilani Estates and Lanipuna Gardens—two neighborhoods where lava has destroyed 40 structures, including 26 homes, over the past two weeks.

Officials were assessing how many people were still in the newly threatened area. They were advising people to shelter in place and await further instructions.

County officials have been encouraging residents in the district to prepare for potential evacuations.

Edwin Montoya, who lives with his daughter on her farm near the site where lava crossed the road and cut off access, said he was at the property earlier in the day to get valuables.

"I think I'm lucky because we went there this morning and we got all the batteries out, and all the solar panels out, about \$4,000 worth of equipment," he said. "They have to evacuate the people that are trapped up there right now in the same place that we were taking pictures this morning."



Lava crosses the road near Pohoiki Rd, Friday, May 18, 2018, near Pahoia, Hawaii. Hawaii residents covered their faces with masks after a volcano menacing the Big Island for weeks exploded, sending a mixture of pulverized rock, glass and crystal into the air in its strongest eruption of sandlike ash in days. (AP Photo/Marco Garcia)

He said no one was on his property, but his neighbor had someone on his land.

"I know that the farm right next to my farm . he's got somebody there taking care of the premises, I know he's trapped," Montoya said.

Montoya said the fissure that poured lava across the road opened and grew quickly.

"It was just a little crack in the ground, with a little lava coming out," he said. "Now it's a big crater that opened up where the small little crack in

the ground was."

Experts are uncertain about when the volcano will calm down.



Lava crosses the road near Pohoiki Road, Friday, May 18, 2018, near Pahoa, Hawaii. Several open fissure vents are still producing lava splatter and flow in evacuated areas. Gas is also pouring from the vents, cloaking homes and trees in smoke. (AP Photo/Marco Garcia)

The Big Island volcano had an explosive eruption at its summit Thursday, sending ash and rocks thousands of feet into the sky. No one was injured and there were no reports of damaged property.

Scientists said the eruption was the most powerful in recent days, though it probably lasted only a few minutes.

It came two weeks after the volcano began sending lava flows into neighborhoods 25 miles (40 kilometers) to the east of the summit.

A new lava vent—the 22nd such fissure—was reported Friday by county civil defense officials.

Several open fissure vents are still producing lava splatter and flow in evacuated areas. Gas is also pouring from the vents, cloaking homes and trees in smoke.



Volcanic activity from the Malama Ki and Leilani Estates neighborhoods glows in the distance seen from Highway 137 near Pahoia, Hawaii on Thursday, May 17, 2018. The greatest ongoing hazard is the ongoing lava flows and hot, toxic gases spewing from open fissure vents close to homes and critical infrastructure, said Charles Mandeville of the U.S. Geological Survey's volcano hazards

program. (AP Photo/Marco Garcia)

The fresher, hotter magma will allow faster lava flows that can potentially cover more area, said Janet Babb, a geologist with the Hawaiian Volcano Observatory.

Much of the lava that has emerged so far may have been underground for decades, perhaps since a 1955 eruption.

Meanwhile, more explosive eruptions from the summit are possible.

"We have no way of knowing whether this is really the beginning or toward the end of this eruption," said Tom Shea, a volcanologist at the University of Hawaii. "We're kind of all right now in this world of uncertainty."

It's nearly impossible to determine when a volcano will stop erupting, "because the processes driving that fall below the surface and we can't see them." said volcanologist Janine Krippner of Concord University in West Virginia.



Edwin Montoya, left, and Abe Pedro, load a solar panel removed from the Montoya family's property onto a truck, Friday, May 18, 2018, near Pahoia, Hawaii. Montoya family owns a farm near Pohoiki Road and lava crossed the road near his property, Friday, blocking off access. (AP Photo/Marco Garcia)

U.S. government scientists, however, are trying to pin down those signals "so we have a little better warning," said Wendy Stovall, a volcanologist with the observatory.

Thus far, Krippner noted, authorities have been able to forecast volcanic activity early enough to usher people to safety.

The greatest ongoing hazard stems from the [lava flows](#) and the hot, toxic gases spewing from open fissure vents close to homes and critical infrastructure, said Charles Mandeville of the U.S. Geological Survey's volcano hazards program.

Authorities have been measuring gases, including sulfur dioxide, rising in little puffs from open vents.

The area affected by [lava](#) and ash is small compared to the Big Island, which is about 4,000 square miles. Most of the Big Island and the rest of the state's island chain is unaffected by the volcanic activity on Kilauea.



Edwin Montoya, left, watches Mike Guich, center, and Abe Pedro, load a solar panel removed from the Montoya family's property, onto a truck, Friday, May 18, 2018, near Pahoia, Hawaii. The Montoya family owns a farm near Pohoiki Road and lava crossed the road near his property, Friday, blocking off access.

(AP Photo/Marco Garcia)

State and local officials have been reminding tourists that flights in and out of the Big Island and the rest of the of the state have not been impacted. Even on the Big Island, most tourist activities are still available and businesses are open.



Abe Pedro watches lava shoot out of a fissure on Pohoiki Rd, Friday, May 18, 2018, near Pahoa, Hawii. Hawaii residents covered their faces with masks after a volcano menacing the Big Island for weeks exploded, sending a mixture of pulverized rock, glass and crystal into the air in its strongest eruption of sandlike ash in days. (AP Photo/Marco Garcia)



Edwin Montoya films as the lava shoots out of a fissure on Pohoiki Rd, Friday, May 18, 2018, near Pahoia, Hawaii. Montoya's daughter has a farm about a mile away from the lava fissures. The family fears the lava will destroy their farm. (AP Photo/Marco Garcia)



U.S. Air National Guardsmen stand near cracks on the road in the Leilani Estates subdivision near Pahoehoe, Hawaii Friday, May 18, 2018. Hawaii residents covered their faces with masks after a volcano menacing the Big Island for weeks exploded, sending a mixture of pulverized rock, glass and crystal into the air in its strongest eruption of sandlike ash in days. (AP Photo/Jae C. Hong)



U.S. Air National Guardsman John Linzmeier looks at cracks as toxic gases rise near by in the Leilani Estates subdivision near Pahoehoe, Hawaii Friday, May 18, 2018. Hawaii residents covered their faces with masks after a volcano menacing the Big Island for weeks exploded, sending a mixture of pulverized rock, glass and crystal into the air in its strongest eruption of sandlike ash in days. (AP Photo/Jae C. Hong)



Toxic gases rise near an abandoned home in the Leilani Estates subdivision near Pahoa, Hawaii Friday, May 18, 2018. Hawaii residents covered their faces with masks after a volcano menacing the Big Island for weeks exploded, sending a mixture of pulverized rock, glass and crystal into the air in its strongest eruption of sandlike ash in days. (AP Photo/Jae C. Hong)

© 2018 The Associated Press. All rights reserved.

Citation: Hawaii officials airlift 4 residents after lava crosses road (2018, May 19) retrieved 23 April 2024 from <https://phys.org/news/2018-05-hawaii-airlift-residents-lava-road.html>

This document is subject to copyright. Apart from any fair dealing for the purpose of private study or research, no part may be reproduced without the written permission. The content is provided for information purposes only.