

Scientists monitoring Hawaii lava undertake risks

September 18 2014, by Jennifer Sinco Kelleher



This Monday, Sept. 15, 2014, photo provided by the U.S. Geological Survey shows a geologist from the Hawaiian Volcano Observatory using a radar gun to measure the speed of the lava flow from the June 27th flow from the Kilauea volcano in Pahoia, Hawaii. On Tuesday, Sept. 16, 2014, Hawaii County spokesman Kevin Dayton said the slow-moving lava is expected to bypass homes in the Kaohe Homesteads subdivision, and the lava is about 19 days from reaching Pahoia Village Road. (AP Photo/U.S. Geological Survey)

New photos from the U.S. Geological Survey's Hawaiian Volcano Observatory give a glimpse into the hazardous work scientists undertake to monitor lava that's threatening to cross a major highway.

Photos taken this week include a shot of a geologist wearing protective clothing using a radar gun to measure the speed of [lava](#) flowing from Kilauea volcano. His measurements help Hawaii County Civil Defense officials prepare the lava, which the observatory estimates could cross the Puna district's Highway 130 in about 13 days.

Observatory spokeswoman and geologist Janet Babb explains that those in her field have a fascination with the wonders of volcanos, but their hearts are heavy when they see the lava approach critical infrastructure and affect people's lives.

County spokesman Kevin Dayton says the community is grateful for the geologists.



This Monday, Sept. 15, 2014, photo provided by the U.S. Geological Survey shows geologists from the Hawaiian Volcano Observatory surveying the lava flow from the June 27th flow from the Kilauea volcano in Pahoa, Hawaii. On Tuesday, Sept. 16, 2014, Hawaii County spokesman Kevin Dayton said the slow-moving lava is expected to bypass homes in the Kaohe Homesteads subdivision, and the lava is about 19 days from reaching Pahoa Village Road. (AP Photo/U.S. Geological Survey)



This Monday, Sept. 15, 2014, photo provided by the U.S. Geological Survey shows a close view of the surface activity from the June 27th flow from the Kilauea volcano in Pahoa, Hawaii. On Tuesday, Sept. 16, 2014, Hawaii County spokesman Kevin Dayton said the slow-moving lava is expected to bypass homes in the Kaohe Homesteads subdivision, and the lava is about 19 days from reaching Pahoa Village Road. (AP Photo/U.S. Geological Survey)



This Monday, Sept. 15, 2014, photo provided by the U.S. Geological Survey shows the flow from the June 27th flow from the Kilauea volcano passing near the Kaohe Homesteads in Pahoa, Hawaii. On Tuesday, Sept. 16, 2014, Hawaii County spokesman Kevin Dayton said the slow-moving lava is expected to bypass homes in the Kaohe Homesteads subdivision, and the lava is about 19 days from reaching Pahoa Village Road. (AP Photo/U.S. Geological Survey)

© 2014 The Associated Press. All rights reserved.

Citation: Scientists monitoring Hawaii lava undertake risks (2014, September 18) retrieved 10 May 2024 from <https://phys.org/news/2014-09-scientists-hawaii-lava.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.