

Lava flowing from Philippine volcano, thousands evacuated

January 15 2018



In this image made from video, dark pyroclastic ash cloud rises from Mayon volcano after its eruption as seen from Legazpi city, Albay province, around 340 kilometers (200 miles) southeast of Manila, Philippines, Monday, Jan. 15, 2018. More than 9,000 people have evacuated the area around the Philippines' most active volcano as lava flowed down its crater Monday in a gentle eruption that scientists warned could turn explosive. (AP Photo)

More than 9,000 people have evacuated the area around the Philippines' most active volcano as lava flowed down its crater Monday in a gentle



eruption that scientists warned could turn explosive.

The Philippine Institute of Volcanology and Seismology increased the alert level for Mount Mayon late Sunday to three on a scale of five, indicating an increased tendency toward a hazardous <u>eruption</u>.

Lava flowed at least half a kilometer (less than half a mile) down a gulley from the crater and on Monday morning, ash clouds appeared midslope, said Renato Solidum, head of the volcano institute.

Molten rocks and lava at Mayon's crater lit the night sky Sunday in an reddish-orange glow despite a shroud of thick clouds that covered the volcano, leaving spectators awed but sending thousands of residents into evacuation shelters.

Albay province emergency response official Cedric Daep said at least 9,000 people have been moved from high-risk areas in an ongoing evacuation. People in the danger area have put up huge white crosses in their neighborhoods, hoping to protect their lives and homes.

"It's risky if people will be left behind," Solidum said of villagers who stay to watch over their homes within a permanent danger zone around the volcano.





In this image made from video, dark pyroclastic ash cloud rises from Mayon volcano after its eruption as seen from Legazpi city, Albay province, around 340 kilometers (200 miles) southeast of Manila, Philippines, Monday, Jan. 15, 2018. More than 9,000 people have evacuated the area around the Philippines' most active volcano as lava flowed down its crater Monday in a gentle eruption that scientists warned could turn explosive. (AP Photo)

But if the institute raises the alert level further, indicating deadlier danger, villagers would have to leave areas near Mayon. The volcano lies in coconut-growing Albay province about 340 kilometers (210 miles) southeast of Manila.

Three steam-explosions since Saturday have spewed ash into nearby villages and may have breached solidified lava at the crater and caused lava to start flowing, Solidum said.

With its near-perfect cone, Mayon is popular with climbers and tourists



but has erupted about 50 times in the last 500 years, sometimes violently.



In this Sunday, Jan. 14, 2018, photo provided by Earl Recamunda, an orange glow is seen at the cloud-shrouded crater of Mayon volcano at Legazpi city, Albay province, about 340 kilometers (210 miles) southeast of Manila, Philippines. The Philippines' most active volcano rumbled back to life Sunday with lava rising to its crater in a gentle eruption that has prompted authorities to evacuate thousands of villagers. (Earl Recamunda via AP)

On May 7, 2013, an ash eruption killed five climbers, including three Germans, who had ventured near the summit despite warnings of possible danger.

Experts fear a <u>major eruption</u> could trigger pyroclastic flows—superheated gas and volcanic debris that race down the slopes at high speeds, incinerating or vaporizing everything in their path. More extensive explosions of ash could drift toward nearby towns and cities,



including Legazpi city, the provincial capital, about 9 miles (15 kilometers) away.

The bulletin sent Sunday night said a hazardous eruption was possible within weeks or even days. It said the glow in the <u>crater</u> signified the growth of a new <u>lava</u> dome and that the evacuation zone be enforced due to the dangers of falling rocks, landslides or a collapse of the dome.

Mayon's first recorded eruption was in 1616. The most destructive in 1814 killed 1,200 people and buried the town of Cagsawa in volcanic mud. The belfry of a Cagsawa church juts out of the ground in a reminder of Mayon's deadly fury that has become a tourist attraction.



In this Sunday, Jan. 14, 2018, photo provided by Earl Recamunda, an orange glow is seen at the cloud-shrouded crater of Mayon volcano at Legazpi city, Albay province, about 340 kilometers (210 miles) southeast of Manila, Philippines. The Philippines' most active volcano rumbled back to life Sunday with lava rising to its crater in a gentle eruption that has prompted authorities to



evacuate thousands of villagers. (Earl Recamunda via AP)

© 2018 The Associated Press. All rights reserved.

Citation: Lava flowing from Philippine volcano, thousands evacuated (2018, January 15) retrieved 27 June 2024 from https://phys.org/news/2018-01-lava-philippine-volcano-thousands-evacuated.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.