

14 August 2020

9:00 AM

MVO Weekly Report for the Period 7 to 14 August 2020

Activity at the Soufrière Hills Volcano remains low.

The seismic network recorded 7 volcano tectonic earthquakes this week. SO₂ flux measurements were made on 10, 11 and 12 August, yielding fluxes of 198, 204 and 157 t/day respectively. Over the three days, the average flux is 186 t/day, with a maximum of 335 t/day and minimum of 121 t/day.

Pyroclastic flows can occur at any time without warning on any side of the volcano, including Gages from where they can travel rapidly into Plymouth. Tracks across the Belham Valley can be destroyed or heavily modified by flash flooding or lahars, and caution should be exercised crossing the valley during and after rainfall.

The Hazard Level is 1. There is no public access to Zone V, including Plymouth. Maritime Zones E and W are daytime transit only between sunrise and sunset (boats may sail through the zone but must not stop). Anyone who ignores these restrictions is liable to be prosecuted.

This report along with additional information on the Soufrière Hills Volcano and the Hazard Level System can be found at the MVO website: www.mvo.ms. Old weekly reports can be downloaded from http://www.mvo.ms/pub/Activity_Reports/. You can also follow @mvoms on both Facebook and Twitter.

Adam J Stinton
Director (Ag.)

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Monitoring Data Summary

Seismic Activity (number of events)

	This Week	Last Week	Last 4 Weeks (weekly average)
Rockfalls	0	0	0
VT Earthquakes	7	4	6
Hybrid earthquakes	0	0	0
LP earthquakes	0	0	0

Sulphur Dioxide Flux (tonnes per day)

	This Week	Last Week	Last 4 Weeks (weekly average)
Average	186	n/a	n/a
Maximum	335	n/a	n/a
Minimum	121	n/a	n/a

Note: The numbers provided in the tables above are provisional and may be subject to change after further analysis of the data.