



Montserrat Volcano Observatory

7 August 2015
9:00 am

MVO Weekly Report for the Period 31 July to 7 August 2015

Activity at the Soufrière Hills Volcano remains low.

The seismic network recorded six volcano-tectonic earthquakes this week. Five of these occurred in a very brief swarm on 3 August.

Sulphur-dioxide measurements on six days during the reporting period gave an average flux of 355 tonnes/day with a maximum of 491 and a minimum of 204 tonnes/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 are frequently 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.

Roderick Stewart
Director

Seismic Activity (number of events)

	This week	Last week	Last 4 weeks (weekly average)
Rockfalls	0	0	0
VT earthquakes	6	3	5
Hybrid earthquakes	0	0	0
LP earthquakes	0	0	0

Sulphur Dioxide Flux (tonnes per day)

	This week	Last week	Last 4 weeks
Average	355	368	316
Maximum	491	497	564
Minimum	204	245	147

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