



---

# Montserrat Volcano Observatory

9 October 2015  
9:00 am

## MVO Weekly Report for the Period 25 September to 2 October 2015 - Revised

Activity at the Soufrière Hills Volcano remains low.

The seismic network recorded two rockfalls and ten volcano-tectonic earthquakes this week. Four of the volcano-tectonic earthquakes occurred in a very brief swarm (i.e. VT string) on the first of October.

There are no Sulphur-dioxide measurements for the reporting period since the plume was to the north and hence outside of the monitoring network during this time.

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](http://www.mvo.ms).

**Thomas Christopher**  
**Director Ag**

*Revised: Correctionson page two to title and Sulphur Dioxide Flux in tables.*

**Seismic Activity (number of events)**

	This week	Last week	Last 4 weeks (weekly average)
Rockfalls	2	1	1
VT earthquakes	10	7	6
Hybrid earthquakes	0	0	0
LP earthquakes	0	0	0

**Sulphur Dioxide Flux (tonnes per day)**

	This week	Last week	Last 4 weeks
Average	Nd	308	415
Maximum	Nd	386	730
Minimum	Nd	230	225

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