



Montserrat Volcano Observatory

20 November 2015
9:00 am

MVO Weekly Report for the Period 14 to 20 November 2015

Activity at the Soufrière Hills Volcano remains low.

The seismic network recorded one volcano-tectonic earthquake this week.

Sulphur-dioxide measurements were not possible during the reporting period.

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.

Thomas Christopher
Director Ag.

Seismic Activity (number of events)

| | This week | Last week | Last 4 weeks (weekly average) |
|--------------------|-----------|-----------|----------------------------------|
| Rockfalls | 0 | 0 | 0 |
| VT earthquakes | 1 | 2 | 4 |
| Hybrid earthquakes | 0 | 0 | 0 |
| LP earthquakes | 0 | 0 | 0 |

Sulphur Dioxide Flux (tonnes per day)

| | This week | Last week | Last 4 weeks |
|---------|-----------|-----------|--------------|
| Average | n/a | n/a | 502 |
| Maximum | n/a | n/a | 593 |
| Minimum | n/a | n/a | 412 |

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