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# Montserrat Volcano Observatory

September 28, 2018  
9:00 am

## MVO Weekly Report for the Period 21 to 28 September 2018

Activity at the Soufrière Hills Volcano remains low.

The seismic network recorded one rockfall and five volcano-tectonic earthquakes this week.

There have been no measurements of the SO<sub>2</sub> flux to report since 11 September. Data from the new permanent gas-monitoring stations, which are currently being tested, indicate that the flux remains in the range 100 to 400 tonnes per 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](http://www.mvo.ms). Old weekly reports can be downloaded from [http://www.mvo.ms/pub/Activity\\_Reports/](http://www.mvo.ms/pub/Activity_Reports/). You can also follow @mvoms on both Facebook and Twitter.

**Roderick Stewart**  
Director

**Monitoring Data Summary**

**Seismic Activity (number of events)**

	<b>This week</b>	<b>Last week</b>	<b>Last 4 weeks (weekly average)</b>
<b>Rockfalls</b>	1	0	1
<b>VT earthquakes</b>	5	6	5
<b>Hybrid earthquakes</b>	0	0	0
<b>LP earthquakes</b>	0	0	0

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

	<b>This week</b>	<b>Last week</b>	<b>Last 4 weeks</b>
<b>Average</b>	n/a	n/a	n/a
<b>Maximum</b>	n/a	n/a	n/a
<b>Minimum</b>	n/a	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.*