Montserrat Volcano Observatory

04 September 2026
9:00 am

**MVO Weekly Report for the Period 28 August to 04 September 2026**

Activity at the Soufrière Hills Volcano remains **low**.

The seismic network recorded five (5) volcano tectonic earthquake this week.

Measurements of the $SO_2$ flux were taken from the helicopter on 02 September. There were 14 traverses with an average flux of 269 tonnes per day.

Due to the large size of the lava dome, 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.

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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** | 5 | 10 | 12 |
| **Hybrid earthquakes** | 0 | 0 | 0 |
| **LP earthquakes** | 0 | 0 | 0 |

### Sulphur Dioxide Flux (tonnes per day)

| | This week | Last week | Last 4 weeks |
|---|---|---|---|
| **Average** | 269 | 206 | 226 |
| **Maximum** | 378 | 279 | 312 |
| **Minimum** | 188 | 105 | 142 |

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