
Weekly report

Institut de physique du globe de Paris

Observatoire volcanologique et sismologique de Martinique

Activity of Mount Pelée

Saint-Pierre, July 5, 2024, 15:00 local time (GMT-4)

One volcanic earthquake was observed this week.

Between June 28, 2024 at 16:00 (UTC) and July 5, 2024 at 16:00 (UTC), the OVSM has recorded **1** low energy and superficial **hybrid** earthquake, located under the southwestern flank of the volcano. Hybrid signals contain low frequencies and are associated with the presence of fluids (gas, hydrothermal fluids) within the volcanic edifice.

The week before, the OVSM had recorded **no earthquake** of volcanic origin. As of July 5, and during the last 4 weeks, the OVSM recorded a total of 10 volcanic earthquakes, and an average of **2 to 3 volcanic earthquakes** per week.

During phases of volcanic unrest on volcanoes similar to Mount Pelée, it is usual to observe seismic activity that varies over time in intensity and frequency.

For more details on longer-term observations and interpretations of volcanic activity, please refer to the monthly bulletins of the OVSM.

The alert level is currently YELLOW: vigilance.

The Director's office of OVSM-IPGP.

Informations

The data in this report are preliminary and subject to change depending on their subsequent analysis.

The reports of OVSM-IPGP, including detailed monthly bulletins, are available at <https://www.ipgp.fr/observation/ovs/ovsm/>. You can also find us on our Facebook and Twitter accounts. Locations of volcano-tectonic and tectonic earthquakes determined by the OVSM-IPGP are available in real-time at <https://renass.unistra.fr/fr/zones/les-antilles/>.

To receive the weekly report by email, simply request it at: infos@ovmp.martinique.univ-ag.fr

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