
Weekly report

Institut de physique du globe de Paris

Observatoire volcanologique et sismologique de Martinique

Activity of Mount Pelée

Saint-Pierre, January 26, 2024 12:30 local time (GMT-4)

Volcanic activity remains low with **1 volcanic earthquake** observed this week.

Between January 19, 2023 at 16:00 (UTC) and January 26, 2024 at 16:00 (UTC), the OVSM recorded 1 low-energy deep hybrid type earthquake. This earthquake was located at depth of about 30 km south-west of the volcano.

Hybrid seismic signals contain low frequencies and are associated with the presence of magmatic fluids in the deep parts of the volcanic system of La Montagne Pelée.

No earthquake was felt by the population.

The week before, the OVSM had recorded 1 earthquakes of volcanic origin. As of January 26 and during the last 4 weeks, the OVSM recorded a total of 10 volcanic earthquakes, 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 are available at <http://www.ipgp.fr/fr/ovsm/bilans>. 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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