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**Saint-Pierre, Friday 29 January 2021, 12h (UTC -4)**

## **Weekly report on the activity of la Montagne Pelée for the period from 22<sup>nd</sup> to 29<sup>th</sup> January 2021**

The seismicity of volcanic origin has decreased slightly in the last week. None of these earthquakes were felt by the population.

Between January 22, 2021 at 4 p.m. UT (local time + 4 hours) and January 29, 2021 at 4 p.m. UTC (local time + 4 hours), the OVSM recorded at least 14 volcano-tectonic earthquakes of magnitude less than or equal to 1, located at shallow depth inside the volcanic edifice, between 1800 m below sea level and 1000 m above sea level. This volcano-tectonic type seismicity, characterized by high frequency signals, is associated with micro-fracturing in the volcanic edifice.

During the period of this report, OVSM recorded 1 isolated long-period type earthquake. This type of signal containing low frequencies is associated with the migration of fluids in the volcanic edifice.

During phases of volcanic reactivation, it is common for periods of increased seismic activity to alternate with phases of lower seismic activity. The seismicity of volcanic origin remains above the average base level recorded between January 1, 2015 and April 2019 (the date of the start of its increase).

This report and the monthly OVSM-IPGP bulletins are available at <http://www.ipgp.fr/fr/ovsm/actualites-communiqués-publics-de-lovsm>. You can also find us on our Facebook and Twitter accounts.

The alert level remains yellow: vigilance.

The Director's office of OVSM IPGP.