



OVSM - IPGP – Friday 18th of June 2021 – 12h (local time, UTC-4h)

Weekly report on the activity of la Montagne Pelée

June 11 to 18, 2021

Between June 11, 2021 at 4 p.m. (UTC) and June 18, 2021 at 4 p.m. (UTC), the OVSM recorded at least 6 volcano-tectonic earthquakes of magnitude less than 0.3. These earthquakes were located inside the volcanic edifice between 1.3 km below sea level and 0.5 km above sea level. None of these earthquakes were felt by the population. This volcano-tectonic-type superficial seismicity is associated with the formation of micro-fractures in the volcanic edifice.

During phases of volcanic reactivation, periods of higher seismic activity often alternate with phases of lower seismicity. Seismicity remains above the baseline level. No other changes were noted in the activity of Mount Pelée.

A main zone of strongly degraded, browned and dead vegetation is still observed on the southwest flank of Montagne Pelée, between the upper Claire River and the Chaude River.

These observations reflect the variable dynamics of processes of magmatic and hydrothermal origin on la Montagne Pelée, in coherence with the volcanic unrest observed as of April 2019.

The reports of OVSM-IPGP are available at <http://www.ipgp.fr/fr/ovsm/actualites-communiques-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.