



OVSM - IPGP – Friday 23th of July 2021 – 12h (local time, UTC-4h)

Weekly report on the activity of la Montagne Pelée

July 16 to July 23, 2021

Repairs to our computer systems damaged by lightning during the night of 29 to 30 June 2021 in the former observatory building are still in progress. To date, 82% of the seismic network and 86% of the GNSS network used for volcanic monitoring of la Montagne Pelée are back online. The OVSM IPGP team takes advantage of this event to speed up the modernization of the seismic network of la Montagne Pelée, by replacing analogical stations with numerical stations and thus improving data transmission to the new observatory.

Between July 16, 2021 4 p.m. (UTC) and July 23, 2021 4 p.m. (UTC), the OVSM recorded at least 25 volcano-tectonic earthquakes of magnitude less than or equal to 0.7. These earthquakes were located inside the volcanic edifice between the sea level and 1.0 km above sea level. This superficial volcano-tectonic seismicity is associated with micro-fracturing in the volcanic edifice. None of these earthquakes were felt by the population.

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, above their confluence.

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.