This map illustrates potentially affected structures and buildings in Nyiragongo district, Nord-Kivu province, DR Congo as detected by satellite image acquired after the eruption of Mount Nyiragongo volcano on 22 May 2021. UNITAR-UNOSAT analysis used a TerraSAR-X image acquired on 24 May 2021, at 16:13 UTC, to observe the lava flow. Within the analysis extent, about 1,600 structures are potentially affected by the lava flow.

This is a preliminary analysis and has not yet been validated in the field. Please send ground feedback to UNITAR-UNOSAT.

Important Note: Lava flow analysis from radar images may overestimate the presence of the lava tract due to the backscattering properties of the radar signal.