

THE DEMOCRATIC REPUBLIC OF THE CONGO

GOMA CITY, NYIRAGONGO DISTRICT, NORD-KIVU PROVINCE

IMAGERY ANALYSIS: 25 MAY 2021 PUBLISHED 26 MAY 2021 V1.



POTENTIALLY AFFECTED
STRUCTURES
1,540



POTENTIALLY AFFECTED
ROADS
9 km



VOLCANO
VO20210523COD



Lava flow and affected structures and roads caused by the volcanic eruption of the 22 May 2021 in north of Goma airport, Nord-Kivu Province, D.R. of the Congo

This map illustrates potentially affected structures and buildings north of Goma airport, Nord-Kivu province, D.R. of the Congo as detected by satellite image acquired after the eruption of the Mount Nyiragongo eruption of 22 May 2021. UNITAR-UNOSAT analysis used a Sentinel-1 image acquired on 25 May 2021, at 16:21 UTC, to extract the lava flow extent. Within this map extent, 1,540 structures and 9 km of roads appear to be affected by the lava.

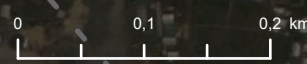
This is a preliminary analysis and has not yet been validated in the field. Please send ground feedback to UNITAR-UNOSAT.

Legend

- Affected building
- Affected road
- Primary road
- Secondary road
- International boundary
- City Boundary
- Maximum lava extent as of 25 May 21



Map Scale for A3: 1:50,000



Spatial Reference
Name: WGS 1984 UTM Zone 35S
PCS: WGS 1984 UTM Zone 35S
GCS: GCS WGS 1984
Datum: WGS 1984
Projection: Transverse Mercator

Satellite Data (Post): Sentinel-1
Imagery Dates: 25 May 2021
Resolution: 10 m
Copyright: Contain modified Copernicus
Sentinel Data [2021]
Source : ESA

Boundary data : OCHA Congo
Buildings : OpenStreetMap
Road: OpenStreetMap
Background ESRI World Imagery
Inset 1: Google Earth, 23 Sep 2019
Inset 2: Pleiades, 26 May 2021