



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
1,722

 POTENTIALLY AFFECTED ROADS
18 km



 VOLCANO
VO20210523COD





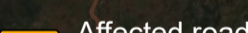
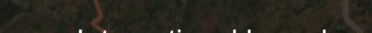
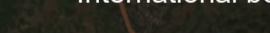
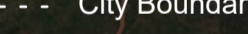
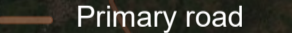
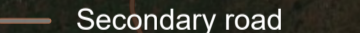


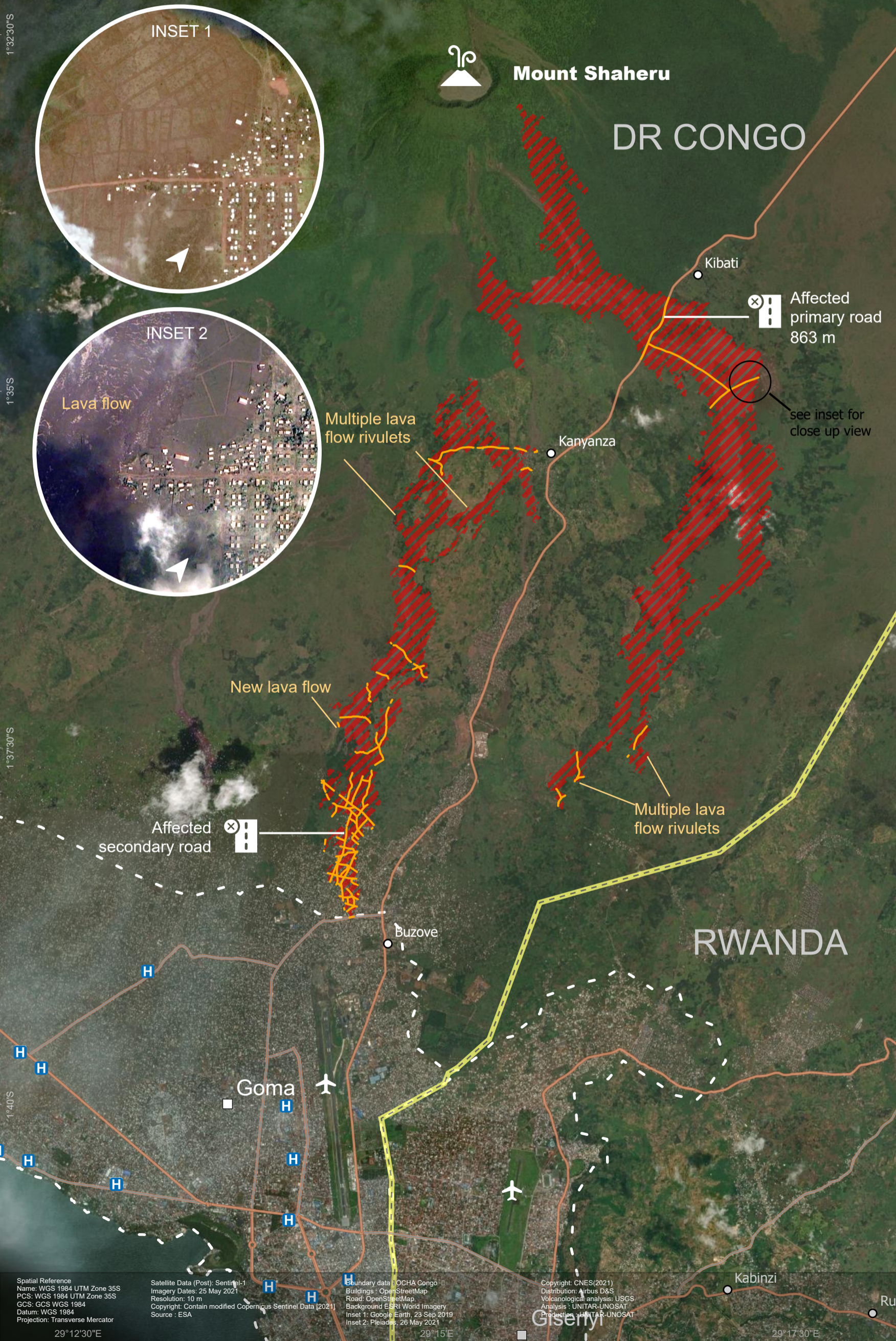
Lava flow extent and affected structures and roads caused by the 22 May 2021 Nyiragongo volcanic eruption in Goma, Nord-Kivu Province, D.R. of the Congo

This map illustrates potentially affected structures and buildings in Nyiragongo district, Nord-Kivu province, DR Congo as detected by satellite image acquired after the 22 May 2021 Nyiragongo volcanic eruption. UNITER-UNOSAT analysis used a Sentinel-1 image acquired on 25 May 2021, at 16:21 UTC, to extract the lava flow extent. Within the map extent, about 1,722 structures and the road about 18 km 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 UNITER-UNOSAT.

Legend

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



Map Scale for A3: 1:50,000
0 0.75 1.5 km

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

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Volcanological analysis: USGS
Analysis: UNITER-UNOSAT
Production: UNITER-UNOSAT