

UKRAINE

NATIONAL HIGHWAY H20, DONETSKA OBLAST

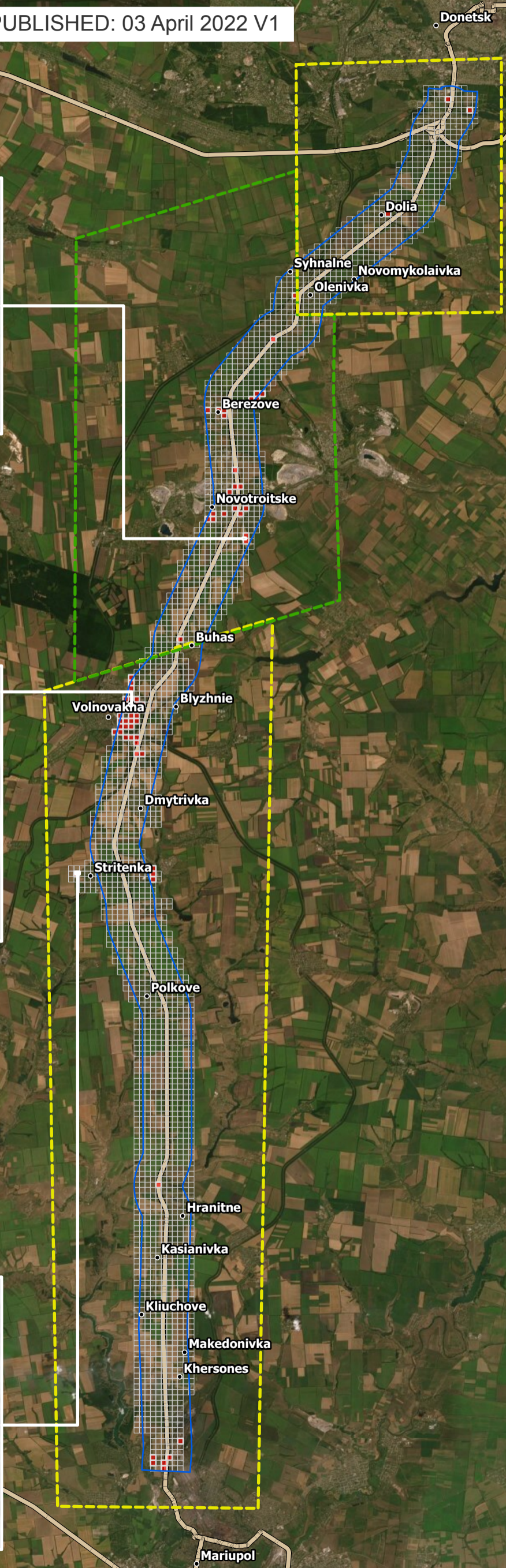
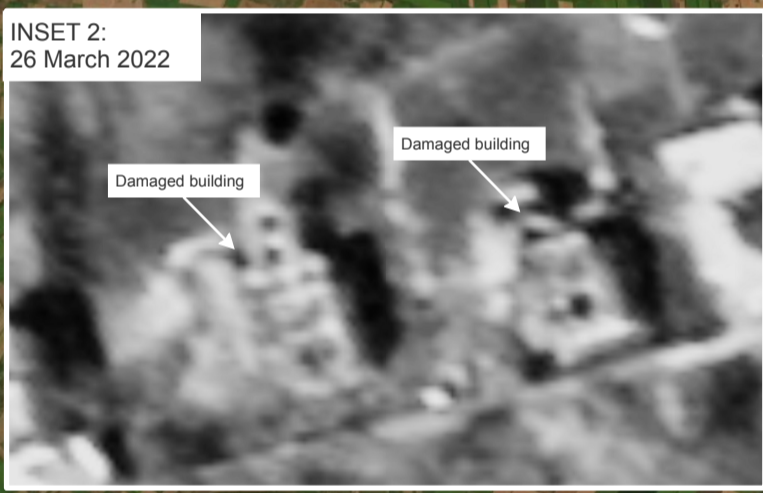
IMAGERY ANALYSIS: 23 & 26 March 2022 PUBLISHED: 03 April 2022 V1



COMPLEX EMERGENCY
CE20220223UKR

% TOTAL VISIBLY DAMAGED CELL
2,3%

AREA OF INTEREST
336km²



UNOSAT Damage Assessment Overview Map

This map illustrates a satellite imagery-based Rapid Damage Building Assessment (RDBA) of a 2 km buffer zone on either side of the national highway H20 connecting Mariupol City and Donetsk City, in Donetsk Oblast, Ukraine. The RDBA divides the area of interest (AOI) into 500m x 500m cells, each of which is analyzed to determine whether or not there are damaged buildings inside the cell.

Based on imagery collected on 23 and 26 March 2022, analysts found that 69 cells out of 2,869 cells near the national highway H20 connecting Mariupol City and Donetsk City sustained visible damage. This represents approximately 2.4% of the cells of the AOI. The most affected populated places are Volnovakha, Novotroitske and Berezove.

This analysis is based on structures visibly damaged as of 23 and 26 March 2022 as seen in marginally degraded satellite imagery affected by precipitation, seasonality, and other limiting factors. This is a preliminary analysis and has not yet been validated in the field. Please send ground feedback to United Nations Satellite Centre (UNOSAT).

Legend

- Area of interest
- Damage
 - No visible damage
 - Damage
- Satellite image date
 - 23/03/2022
 - 26/03/2022
- Road
 - Primary road

Spatial Reference
Name: WGS 1984 Web Mercator Auxiliary Sphere
PCS: WGS 1984 Web Mercator Auxiliary Sphere
GCS: GCS WGS 1984
Datum: WGS 1984

Satellite data (1): WorldView-2
Acquisition date: 23 & 26 March 2022
Resolution: 50 cm
Copyright: © 2022 Maxar
Source: US Department of State, Humanitarian Information Unit, NextView License

Satellite data (2): WorldView-1
Acquisition date: 26 March 2022
Resolution: 50 cm
Copyright: © 2022 Maxar
Source: US Department of State, Humanitarian Information Unit, NextView License

Roads: OSM
Populated place: OCHA
Analysis: UNITAR-UNOAT
Product: UNITAR-UNOSAT

