

IMAGERY ANALYSIS: 26 March 2022 PUBLISHED: 01 April 2022 V1

The map displays the study area with a grid overlay. A red square highlights the area of interest, which is 375 km². The percentage of total visibly damaged cells is 16%.

Category	Value
% TOTAL VISIBLY DAMAGED CELL	16%
AREA OF INTEREST	375 km²

Residential buildings damaged



 **COMPLEX
EMERGENCY**
CE20220223UKR



This map illustrates a satellite imagery-based Rapid Damage Building Assessment (RDBA) of the Mariupolska Hromada, Ukraine. The RDBA divides the city 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 26 March 2022, analysts found that 556 cells out of 3,456 sustained visible damage. This represents approximately 16% of the cells over the Hromada. Note that not all 6,456 cells include buildings. Numerous craters are also visible in the fields but were not taken into account for this analysis.

This analysis is based on structures visibly damaged as of 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).

Damage

- ☐ No Visible Damage
- ☒ Damage

Damaged Mariupol theatre

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

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

Boundaries data: OCHA
Other data: UNOSAT
Analysis: United Nations Satellite Centre (UNOSAT)
Production: United Nations Satellite Centre (UNOSAT)

Map Scale for A3: 1:200,000

0 1 2 3 4 5 KM