

# UKRAINE

## DONETSK, DONETSK OBLAST

IMAGERY ANALYSIS: 18 and 26 March 2022 PUBLISHED: 06 April 2022 V1



% TOTAL VISIBLY  
DAMAGED CELL

0.17%

AREA OF  
INTEREST

393km<sup>2</sup>

TOTAL AREA  
OF DONETSK

635km<sup>2</sup>

Inset 1 - Before  
16 Oct 2021



Inset 1 - After  
18 March 2022



Inset 2 - Before  
16 Oct 2021



Inset 2 - After  
18 March 2022



**COMPLEX  
EMERGENCY**  
CE20220223UKR



### UNOSAT Damage Assessment Overview Map

This map illustrates a satellite imagery-based Rapid Damage Building Assessment (RDBA) in Donetsk City, 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 18 and 26 March 2022, analysts found that 6 cells out of 3507 in the City of Donetsk sustained visible damage. This represents 0.17% of the cells over the city. This does not include damage occurring before the current ongoing conflict.

This analysis is based on structures visibly damaged as of 18 and 26 March 2022 as seen in moderately 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

Donetsk Boundary

#### Damage

No Visible Damage

Damage

Not Analyzed

#### Satellite Image Dates

18/03/2022

18/03/2022

26/03/2022



Map Scale for A3: 1:100,00

0 1.5 3 6 KM

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-2  
Acquisition date: 18 March 2022  
Resolution: 50 cm  
Copyright: © 2022 Maxar  
Source: US Department of State, Humanitarian Information Unit,  
NextView License

Satellite data (2): WorldView-2  
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)