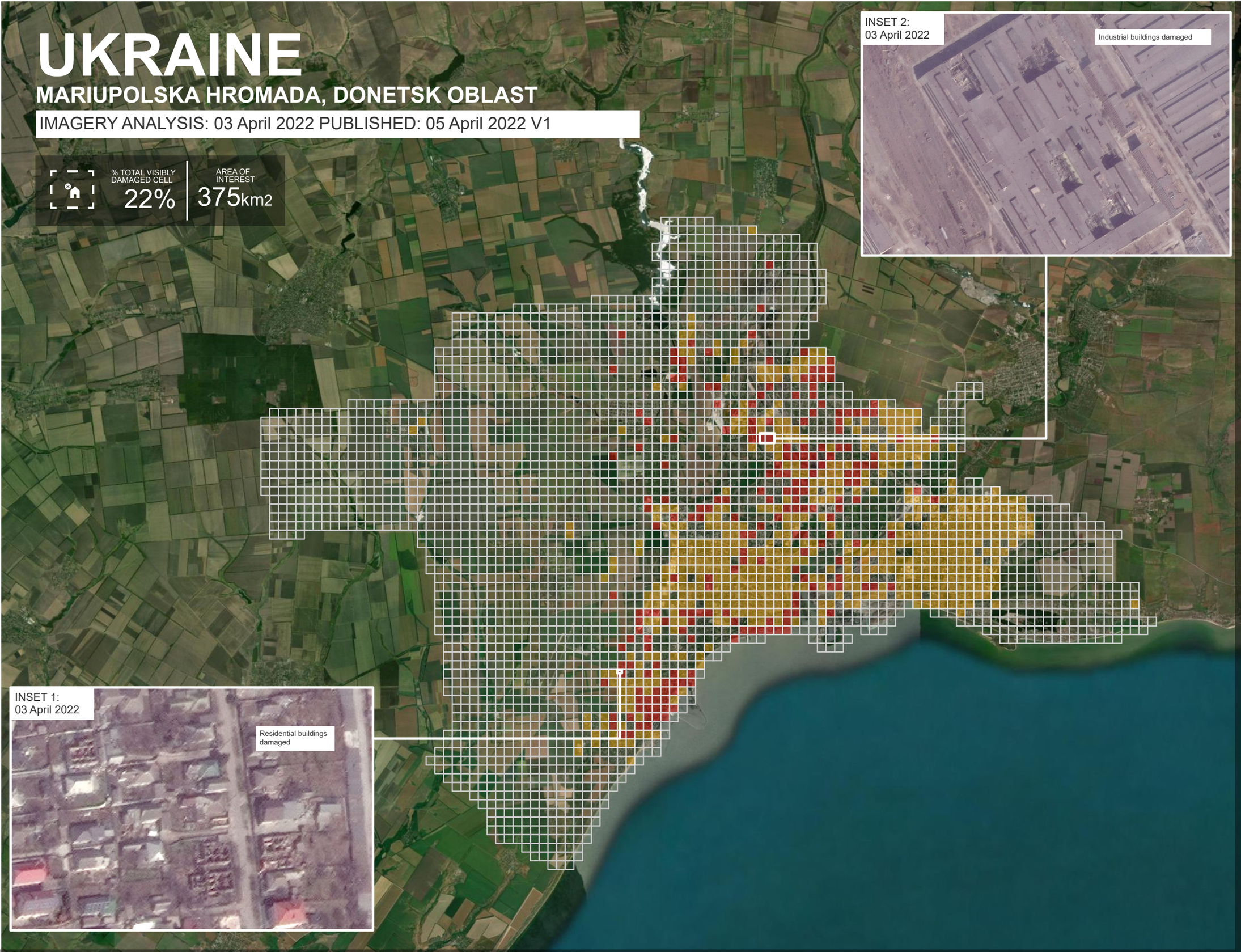
UKRAINE

MARIUPOLSKA HROMADA, DONETSK OBLAST

IMAGERY ANALYSIS: 03 April 2022 PUBLISHED: 05 April 2022 V1

% TOTAL VISIBLY DAMAGED CELL
22%

AREA OF INTEREST
375km2



unitar
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UNOSAT

COMPLEX EMERGENCY
CE20220223UKR

UNOSAT Damage Assessment Overview Map

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 03 April 2022, analysts found that 767 cells out of 3,459 sustained visible damage. This represents approximately 22% of the cells over the Hromada. This represents an increase of 6 percentage points since 26 March 2022. Note that not all 3,459 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 03 April 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

- No Visible Damage
- New Damage (03 April 2022)
- Previous Damage (26 March 2022)

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): GeoEye-1
Acquisition date: 03 April 2022
Resolution: 50 cm
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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

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

N

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