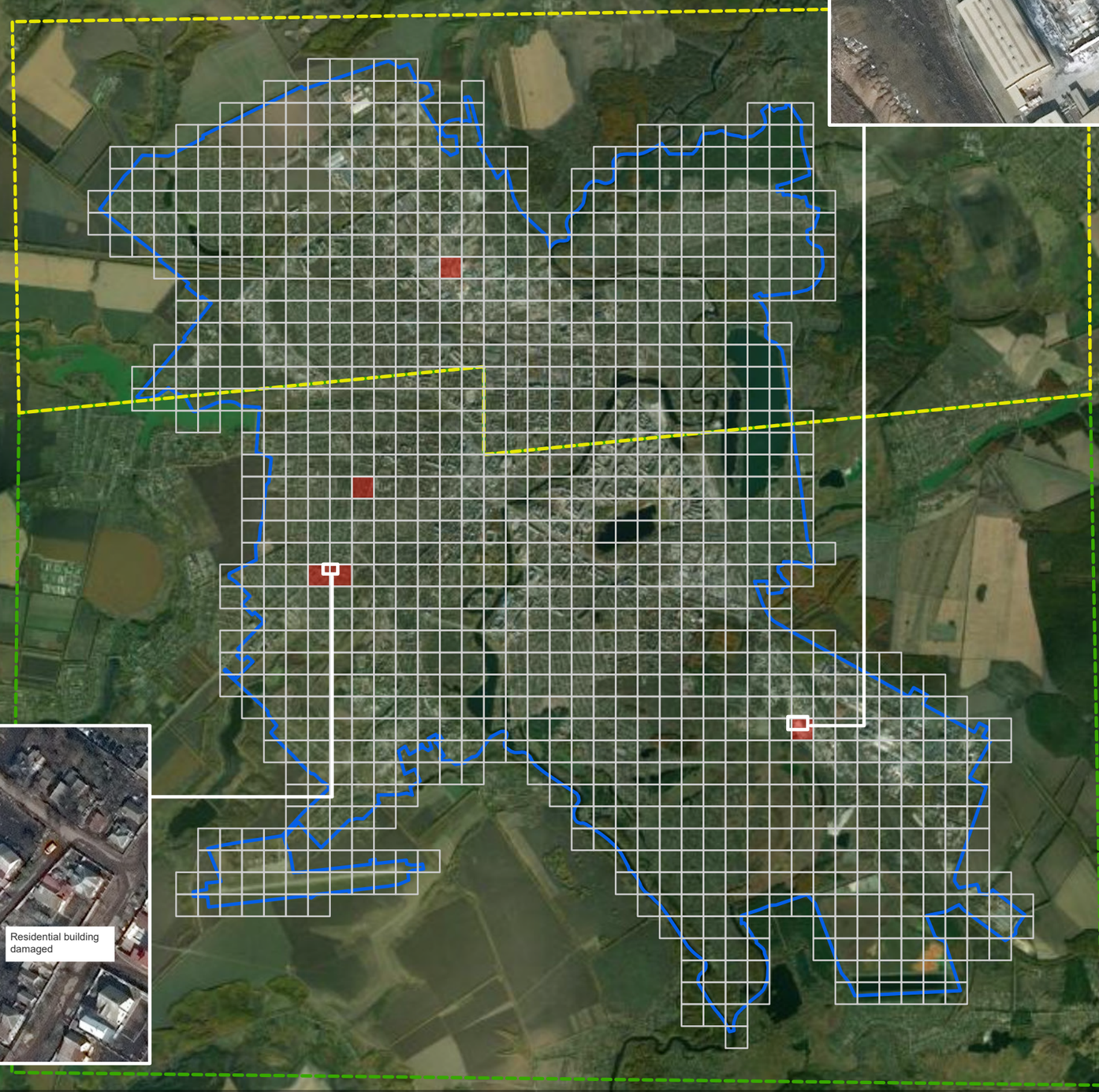
UKRAINE

SUMY CITY, SUMSKA OBLAST

IMAGERY ANALYSIS: 20 & 22 March 2022 PUBLISHED: 30 March 2022 V1

% TOTAL VISIBLY DAMAGED CELL

0,4%



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COMPLEX EMERGENCY
CE20220223UKR

UNOSAT Damage Assessment Overview Map

This map illustrates a satellite imagery-based Rapid Damage Building Assessment (RDBA) in Sumy 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 20 and 22 March 2022, analysts found that 5 cells out of 1,111 cells sustained visible damage. This represents approximately 0.4% of the cells over the city.

This analysis is based on structures visibly damaged as of 20 and 22 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

City Area

Damage

No Visible Damage

Damage

Satellite image date

20/03/2022

22/03/2022

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): WorldView-2
Acquisition date: 20 March 2022
Resolution: 50 cm
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Source: US Department of State, Humanitarian Information Unit, NextView License

Satellite data (2): WorldView-2
Acquisition date: 22 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: 1:110,000

N

0 0.75 1.5 3 KM