

UKRAINE

KREMENCHUK, POLTAVA OBLAST

IMAGERY ANALYSIS: 29 June 2022 PUBLISHED: 09 February 2023 V1



**COMPLEX
EMERGENCY**
CE20220223UKR



UNOSAT Damage Assessment Overview Map

This map illustrates a satellite imagery based building damage assessment in the city of Kremenchuk, Ukraine. Based on imagery collected on 29 June 2022, the analysis showed 26 structures with visible damage. Out of these, 1 is destroyed, 7 severely damaged, 3 moderately damaged and 15 possibly damaged. Inset 1 shows a building identified as severely damaged on 29 June 2022.

While no complete count of buildings for Kremenchuk is available, an open source dataset, which is visibly incomplete, indicates at least 19,209 structures in the area.

This analysis is based on visibly damaged structures as of 29 June 2022, as seen in marginally degraded satellite imagery affected by light clouds 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

- Destroyed
- Severe Damage
- Moderate Damage
- Possible Damage
- Kremenchuk boundaries



Map Scale for A3: 1:100,000
0 2,000 Meters

TOTAL VISIBLY DAMAGED BUILDINGS	DESTROYED	SEVERELY DAMAGED	MODERATELY DAMAGED	POSSIBLE DAMAGED
26	1	7	3	15



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-3
Acquisition date: 21 February 2022
Resolution: 30 cm
Copyright: © 2022 Maxar
Source: US Department of State,
Humanitarian Information Unit, NextView License

Satellite data 2: Pleiades Neo
Acquisition date: 29 June 2022
Resolution: 30 cm
Copyright: © Airbus DS 2022
Source: Airbus DS Geo SA

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