

UKRAINE

IRPIN, KYIV OBLAST

IMAGERY ANALYSIS: 31 March 2022 PUBLISHED: 18 April 2022 V2



**COMPLEX
EMERGENCY**
CE20220223UKR

TOTAL VISIBLY DAMAGED BUILDINGS	DESTROYED	SEVERELY DAMAGED	MODERATELY DAMAGED	POSSIBLY DAMAGED	HEALTH FACILITIES AFFECTED	EDUCATION FACILITIES AFFECTED
1,060	115	698	187	60	3*	4*

*Approximate values, not all the structures were digitized or labeled.

Inset 1: 31 March 2022



Inset 2: 31 March 2022



UNOSAT Damage Assessment Overview Map

This map illustrates a satellite imagery based building damage assessment in Irpin City, Ukraine.

Based on imagery collected on 31 March 2022, analysts found that 1,060 structures sustained damage visible on the satellite imagery. Out of these, 115 are destroyed, 698 severely damaged, 187 moderately damaged and 60 possibly damaged. While no complete count of buildings for Irpin is available, an open source dataset which is visibly incomplete indicates at least 3,732 structures in the area.

This analysis is based on structures visibly damaged as of 31 March 2022 as seen in marginally cloudy satellite imagery. This is a preliminary analysis and has not yet been validated in the field. Please send ground feedback to the United Nations Satellite Centre (UNOSAT).

Legend

- Destroyed
- Severe Damage
- Moderate Damage
- Possible Damage
- Impact Crater (Damage to Road)
- Irpin Boundary

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: WorldView-3
Acquisition date: 31 March 2022
Resolution: 50 cm
Copyright: © 2022 Maxar
Source: US Department of State, Humanitarian Information Unit,
NextView License

Boundaries data: OCHA
Health and education facilities data: OpenStreetMap contributors
Other data: UNOSAT
Analysis: United Nations Satellite Centre (UNOSAT)
Production: United Nations Satellite Centre (UNOSAT)



Map Scale for A3: 1:43,400
0 0.5 1 KM

30°12'E

30°18'E