

UKRAINE

NOVA KAKHOVKA DAM, KHERSONSKA OBLAST

IMAGERY ANALYSIS: 06/06/2023 PUBLISHED 07/06/2023 V1.

ANALYSED AREA ~80km ²	FLOOD EXTENT [6 JUNE 2023] ~5km ²	AFFECTED STRUCTURES 270	POTENTIALLY AFFECTED STRUCTURES 76	AFFECTED ROADS 16 km	DAMAGED HARBOURS 7
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FLOOD
FL20230606UKR



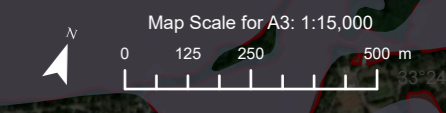
Damage assessment around the Nova Kakhovka Dam, Ukraine as of 06 June 2023; 08:07 UTC

This map illustrates satellite-detected flood waters and affected structures next to Nova Kakhovka Dam in Khersonska Oblast (Ukraine) as observed from Skysat image acquired on 6 June 2023 at 08:07 UTC; and a pre-event Worldview-2 image acquired on 5 June 2023. Within the analysed area of 80 km², about 5 km² of land appear to be flooded, 346 structures and 07 harbours are damaged.

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

- Damaged dam wall
- Damaged harbour
- City/Town
- Village
- Potentially affected structure
- Affected structure
- Affected road
- Primary road
- Secondary road
- Tertiary road
- Oblast boundary
- Region boundary
- Analysis extent
- Flood extent [06 June 2023, 08:07 UTC]
- Pre-Flood water extent [05 June 2023]



Spatial Reference: Name: WGS 1984 UTM Zone 36N, PCS: WGS 1984 UTM Zone 36N, GCS: GCS WGS 1984, Datum: WGS 1984, Projection: Transverse Mercator

Satellite Imagery (Post-event): Skysat, Imagery Date: 06 June 2023 at 08:07 UTC, Resolution: 50 cm, Copyright: © 2023, Planet Labs PCB, Source: US Department of State, Humanitarian Information Unit, NextView License

Satellite Imagery: WorldView-2, Imagery Date: 05 June 2023 at 09:15 UTC, Resolution: 50 cm, Copyright: © 2023 Maxar, Source: US Department of State, Humanitarian Information Unit, NextView License

Reference water: WorldView-2 /05 June 2023 at 7:54 UTC, Administrative boundaries: State Scientific Production Enterprise "Kartographia", Populated place: OpenStreetMap, Road data: OpenStreetMap, Background: ESRI World Imagery

Analysis: United Nations Satellite Centre (UNOSAT), Production: United Nations Satellite Centre (UNOSAT)

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