

UKRAINE

KHERSONSKA OBLAST

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

ANALYSED AREA
19,000 km²

FLOOD EXTENT
[6 JUNE 2023]
120 km²



FLOOD
FL20230606UKR



Satellite detected water extent over Khersonska Oblast, Ukraine as of 06 June 2023

This map illustrates satellite-detected surface waters over Khersonska Oblast, Ukraine observed from a Sentinel-3 image acquired on 6 June 2023 at 08:30 UTC, and a Sentinel-2 image acquired on 3 & 5 June 2023. Within the analysed area of 19,000 km², about 120 km² of land appear to be flooded.

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
 - City/Town
 - Village
 - Primary road
 - Secondary road
 - Tertiary road
 - Oblast boundary
 - Region boundary
 - Pre-Flood water extent [05 June 2023]
 - Flood extent [06 June 2023, 08:30 UTC]

Map Scale for A3: 1:250,000
0 1.75 3.5 7 KM

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) : Sentinel-3
Imagery Date: 06 June 2023 at 08:30 UTC
Resolution: 300 m
Copyright: Contains modified Copernicus Sentinel data [2023]
Source: ESA

Satellite Imagery : Sentinel-3
Imagery Date: 05 June 2023 at 07:54 UTC
Resolution: 300 m
Copyright: Contains modified Copernicus Sentinel data [2023]
Source: ESA

Satellite Imagery : Sentinel-2
Imagery Date: 03 & 05 June 2023
Resolution: 300 m
Copyright: Contains modified Copernicus Sentinel data [2023]
Source: ESA

Reference water: JRC
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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