

23 Aug. 2022

PRELIMINARY SATELLITE-DERIVED FLOOD ASSESSMENT



Umm Dukhun District, Central Darfur State, Sudan

 Status: Receding flood waters observed

 Further action(s): continue monitoring

SUDAN



 Area of interest

 Region boundary

UMM DUKHUN DISTRICT, CENTRAL DARFUR STATE

Receding flood waters observed



Chad

Central
African
Republic

Bahr Azum river

Sudan

Central Darfur

Umm Dukhun



Receding
flood waters

Reference point

10 km

N

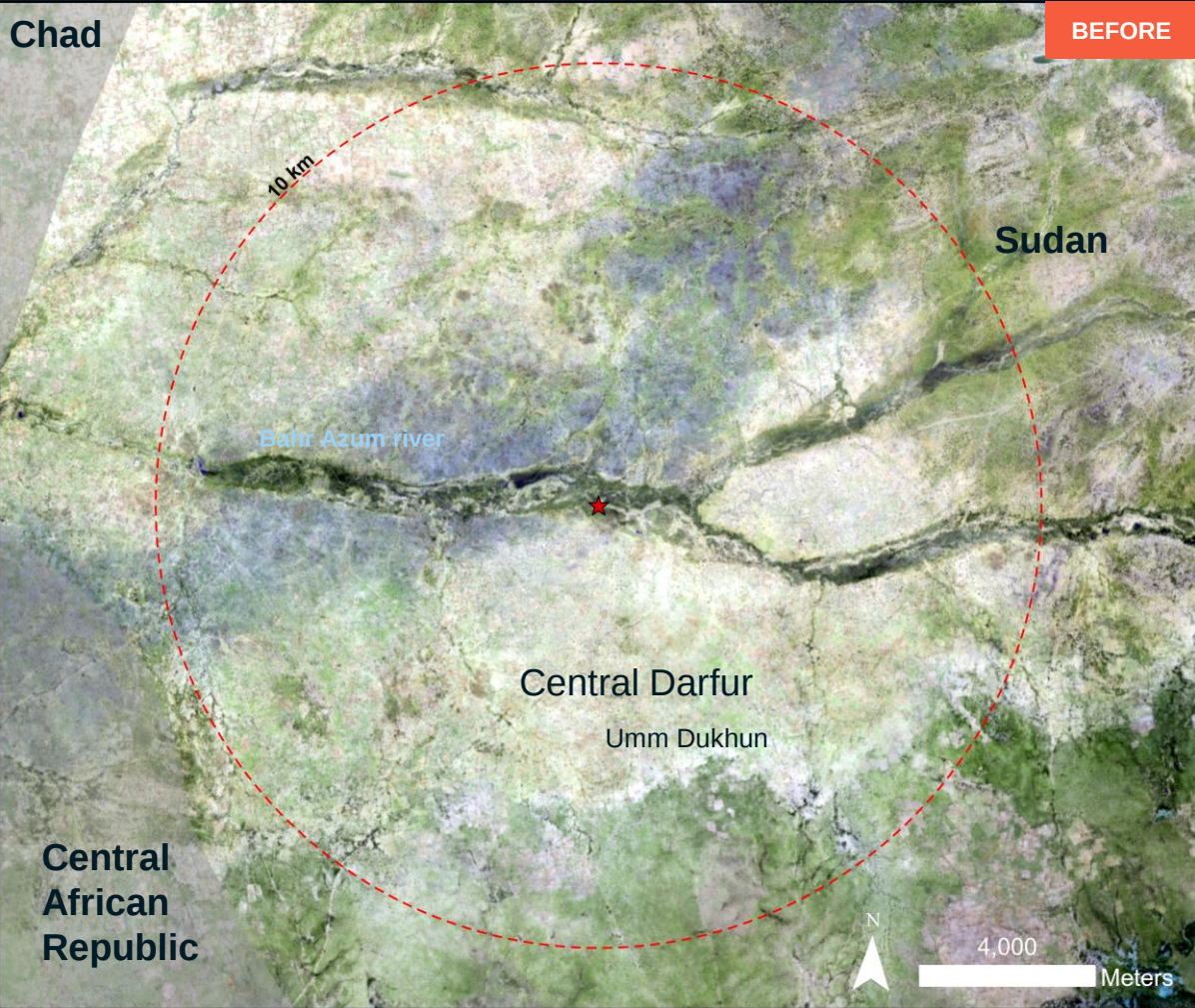
2,500 m

Sentinel-2 image acquired on 22 Aug. 2022
Image Center: 23°00'16"E 10°55'03"N

UMM DUKHUN DISTRICT, CENTRAL DARFUR STATE

No flood waters observed

Image center:
23°00'16"E
10°55'03"N



Sentinel-2 / False Color / 23 Jun. 2022



Sentinel-2 / False Color / 22 Aug. 2022

UMM DUKHUN DISTRICT, CENTRAL DARFUR STATE

Receding flood waters observed

Image center:
23°00'16"E
10°55'03"N



Sentinel-2 / False Color / 17 Aug. 2022



Sentinel-2 / False Color / 22 Aug. 2022

SUMMARY OF FINDINGS

- Receding flood waters observed along Bahr Azum river as of 22 August 2022.

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Data sources:

(1) Satellite Image (Post-event)

Satellite : Sentinel-2 image

Imagery Date : 17 and 22 Aug. 2022 at 09:07 UTC

Resolution : 10 m

Copyright: Contains modified Copernicus Sentinel data [2022]

Source: ESA

(2) Satellite Image (Pre-event)

Satellite : Sentinel-2 image

Imagery Date : 23 June 2022 at 09:07 UTC

Resolution : 10 m

Copyright: Contains modified Copernicus Sentinel data [2022]

Source: ESA

(3) Ancillary data

Populated place: OpenStreetMap

Waterways: FAO

Administrative boundaries: OCHA

Analysis: United Nations Satellite Centre (UNOSAT)

Production: United Nations Satellite Centre (UNOSAT)

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