



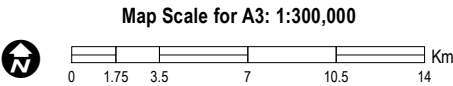
Satellite detected waters extents, as of 28 August 2019 over Khartoum State, Sudan

This map illustrates satellite-detected surface water in Khartoum State, Sudan as observed from SPOT-6 imagery acquired on 28 August 2019. Within the analysed extent of about 3,200 km2, a total about 97 km2 of lands appear to be flooded as of 28 August 2019. This is a preliminary analysis and has not yet been validated in the field. Please send ground feedback to UNITAR - UNOSAT.

Legend

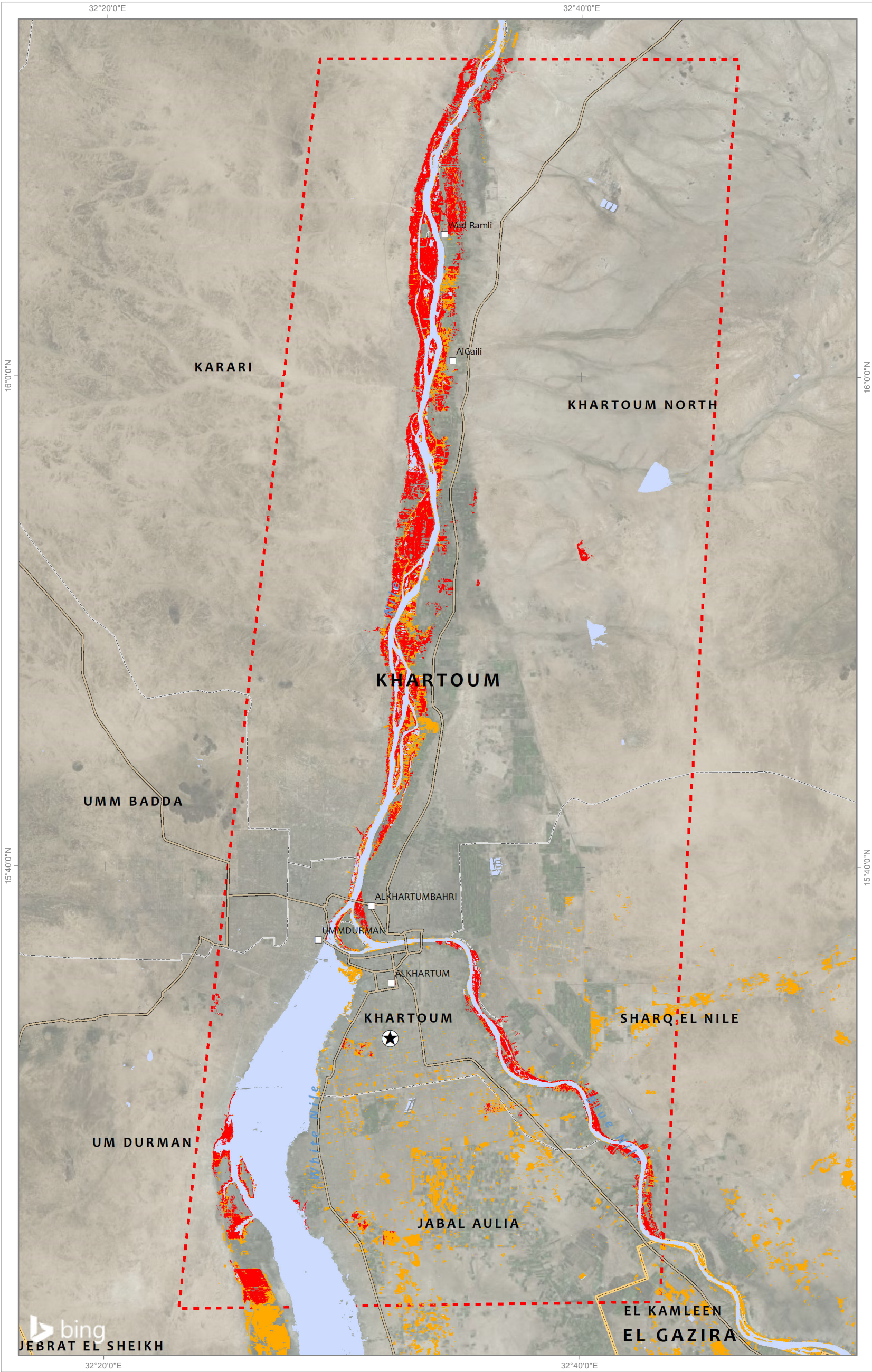
- Capital
- City / Town
- Road
- State boundary
- District boundary
- Reference water
- Analysis extent
- Satellite detected water [28 August 2019]
- Satellite detected water [16 August 2019]

State	District	Flood Extent (km ²)	Total Population in AOI	Population Potentially Affected
Khartoum	Jabal Aulia	3	710,900	370
	Khartoum North	40	276,400	2,900
	Sharq El Nile	6	260,750	60
	Karari	32	1,085,000	40,200
	Um Durman	11	557,500	700
Total		97	3,489,550	44,730



Analysis conducted with ArcMap v10.7

Coordinate System: WGS 1984 UTM Zone 36N
Projection: Transverse Mercator
Datum: WGS 1984
Units: Meter



Satellite Data (Pre): Sentinel-2
Imagery Dates: 16 August 2019
Resolution: 20 m
Copyright: Copernicus 2019 / ESA
Source: ESA

Satellite Data (Post): SPOT-6
Imagery Dates: 28 August 2019
Resolution: 6 m
Copyright: © AIRBUS Defence & Space
Source: AIRBUS Defence & Space

Boundary data: OCHA ROSEA
Population data: WorldPop (2013)
Reference water: Global Surface Water, JRC
Analysis : UNITAR - UNOSAT
Production: UNITAR - UNOSAT

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