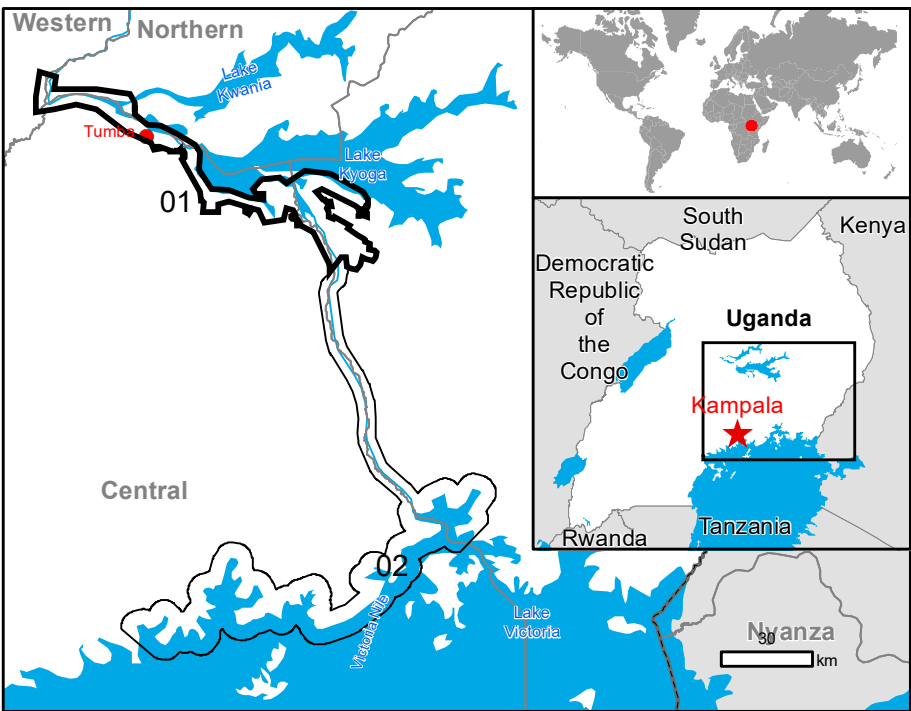


Lake Kyoga - UGANDA

Flood - Situation as of 07/08/2020

Delineation MONIT02 - Overview map 01



Cartographic Information

1:175000 Full color A1, 200 dpi resolution



Grid: WGS 1984 UTM Zone 36N map coordinate system
Tick marks: WGS 84 geographical coordinate system

Legend

Crisis Information	Placenames	Transportation
■ Flooded Area (07/08/2020 07:56 UTC)	○ Placename	— Secondary Road
■ Previous Flooded Area (27/07/2020 07:58 UTC)	■ Built-Up Area	— Local Road
■ General Information	■ Built-Up Area	— Cart Track
■ Area of Interest	— River	— Stream
■ Not Analysed	— Stream	— Lake
	— Lake	— River
	— River	

Consequences within the AOI		Unit of measurement	Affected	Total in AOI
Flooded area		ha	12515.1	
Estimated population		Number of inhabitants	15898	
Settlements	Residential Buildings	ha	113.2	1792.8
Transportation	Secondary Road	km	2.8	28.1
	Local Road	km	6.3	55.1
	Cart Track	km	13.9	179.3
Land use	Heterogeneous agricultural areas	ha	1264.9	26130.9
	Forests	ha	2478.7	12688.9
	Shrub and/or herbaceous vegetation association	ha	6172.7	41862.1
	Inland wetlands	ha	447.6	3202.7
	Other	ha	151.1	3343.4

Map Information

The Ministry of Water and Environment of the Republic of Uganda has requested international assistance to UNEP further to unprecedented flooding and continued rising water levels due to intense and prolonged rainfall since September 2019. As per government figures, an estimated 705,000 people across 53 districts were reportedly affected, with more than 63,000 displaced. The majority of the affected population (58%) lives in the Kasese District in the Rwenzoris. Flood risks around Lake Kyoga are worsening and the impacts not yet quantified.

The present map shows the flood delineation in the area of Lake Kyoga. The thematic layer has been derived from post-event satellite image by means of visual interpretation. The estimated geometric accuracy (RMSE) is 20 m or better, from native positional accuracy of the background satellite image.

Relevant date records (UTC)

Event	21/07/2020 07:59	Situation as of	07/08/2020 07:56
Activation	21/07/2020 07:59	Map production	10/08/2020

Data sources

Pre-event image: Sentinel-2A (2020) (acquired on 05/03/2020 at 07:58 UTC, GSD 10m, approx. 0% cloud coverage in AOI, 2.8° off-nadir angle) provided under COPERNICUS by the European Union and ESA.
Post-event image: SPOT7 © Airbus DS (2020), (acquired on 27/07/2020 at 07:58 UTC, GSD 6 m, approx. 75% cloud coverage in AOI, 20.9° off-nadir angle), provided under COPERNICUS by the European Union and ESA, all rights reserved.
Post-event image: Sentinel-2A (2020) (acquired on 07/08/2020 at 07:56 UTC, GSD 10m, approx. 25% cloud coverage in AOI, 2.8° off-nadir angle) provided under COPERNICUS by the European Union and ESA.

Base vector layers: OpenStreetMap © OpenStreetMap contributors, Wikimapia.org, GeoNames 2015, Corine Land Cover (CLC) 2012, Globe Land 30 (2010), Global Administrative Areas (2012), refined by the producer.
Inset maps: JRC 2013, Natural Earth 2012, GeoNames 2013.

Population data: GHS Population Grid © European Commission, 2019
https://ghsl.jrc.ec.europa.eu/ghs_pop2019.php
Digital Elevation Model: SRTM (90 m) (NASA/USGS).

Disclaimer

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Delivery formats are Layered Geospatial PDF, GeoJPEG and vector (ESRI shapefiles, Google Earth KML, GeoJSON).

Map produced by Telespazio Iberica released by e-GEOS (ODO).

For the latest version of this map and related products visit
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