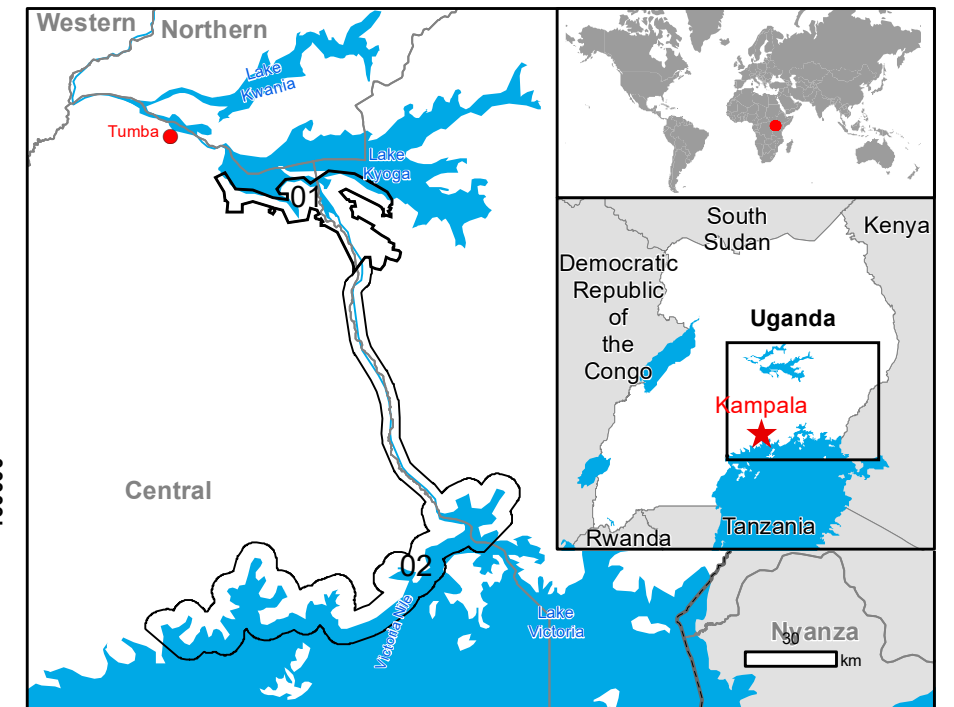


GLIDE number: FL-2020-00132-UGA Activation ID: EMSR446
Int. Charter call ID: N/A Product N.: 01LAKEYOGA, v2

Lake Kyoga - UGANDA

Flood - Situation as of 27/07/2020

Delineation MONIT01 - Overview map 01



Cartographic Information

1:96000 Full color A1, 200 dpi resolution

0 2 4 8 km

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

Legend

Crisis Information

- Flooded Area (27/07/2020 07:56 UTC)
- Previous Flooded Area (13/07/2020 07:56 UTC)
- Area of Interest
- Not Analysed

Placenames

- Placename

Transportation

- Secondary Road
- Local Road
- Cart Track

Built-Up Area

- Built-Up Area

Hydrography

- River
- Lake
- River

Land Use - Land Cover

- Features available in the vector package

Consequences within the AOI		Unit of measurement	Affected	Total in AOI
Flooded area		ha	5609.6	
Estimated population		Number of inhabitants	10508	
Settlements	Residential Buildings	ha	21.6	1105.5
	Secondary Road	km	2.6	16.5
	Local Road	km	2.2	35.9
	Cart Track	km	5.1	58.4
Land use	Heterogeneous agricultural areas	ha	588.5	20678.8
	Forests	ha	1145.3	8758.1
	Shrub and/or herbaceous vegetation association	ha	3863.5	24135.6
	Inland wetlands	ha	9.3	253.4
	Other	ha	2.0	20237.8

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. "Not analysed" indicates an area that could not be analysed in any of the post-event images. The estimated geometric accuracy (RMSE) is 12 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	27/07/2020 07:58
Activation	21/07/2020 07:59	Map production	28/07/2020

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: Sentinel-2B (2020) (acquired on 13/07/2020 at 07:56 UTC, GSD 10m, approx. 20% 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 5 m, approx. 75% cloud coverage in Aoi, 20.9° off-nadir angle), provided under COPERNICUS by the European Union and ESA, all rights reserved.

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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