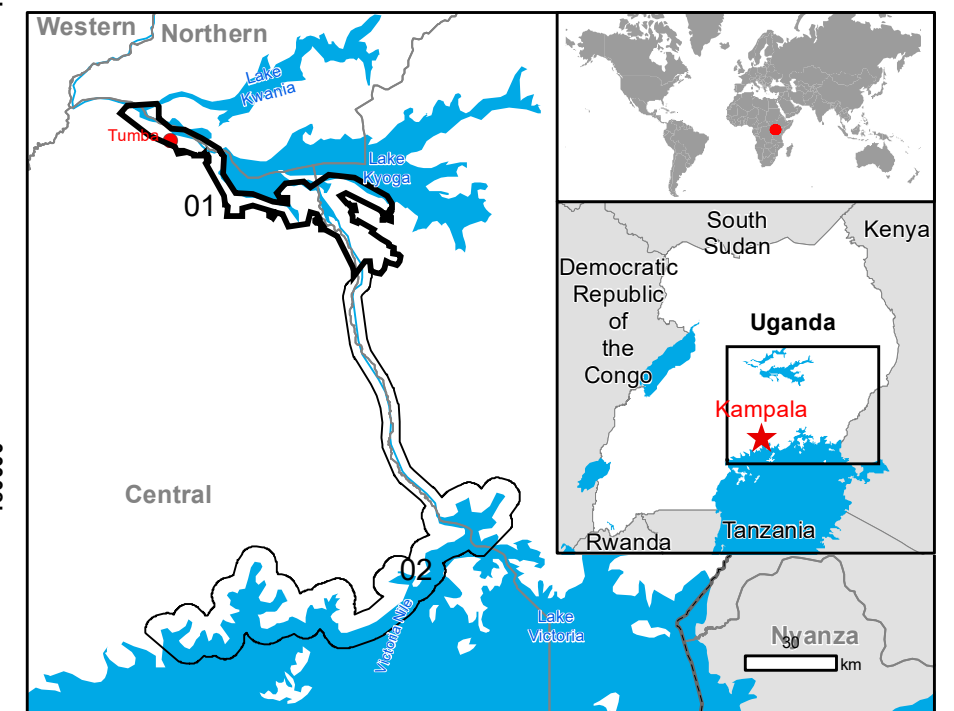


GLIDE number: FL-2020-00132-UGA Activation ID: EMSR446
Int. Charter call ID: N/A Product N.: 01LAKEYOGA, v1

Lake Kyoga - UGANDA

Flood - Situation as of 27/08/2020

Delineation MONIT06 - Overview map 01



Cartographic Information

1:150000 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 (27/08/2020 07:56 UTC)	● Placename	— Secondary Road
■ Flooded Area (22/08/2020 07:56 UTC)	■ Built-Up Area	— Local Road
■ Area of Interest	■ Built-Up Area	— Cart Track
■ Not Analysed	■ Hydrography	■ Land Use - Land Cover
	■ River	■ River
	■ Lake	■ Lake
	■ River	■ River

Consequences within the AOI		Unit of measurement		Affected	Total in AOI
Flooded area		ha	1024	1024	1024
Estimated population		Number of inhabitants			
Settlements		ha	1024	1024	1024
Transportation		km	2.1	16.5	
		km	2.2	38.7	
		km	12.4	111.2	
Land use		ha	990.7	2443.9	
		ha	2466.8	1025.1	
		ha	6066.9	3228.4	
		ha	188.1	379.8	
		ha	284.2	3084.4	

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 Kasere 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	27/08/2020 07:56
Activation	21/07/2020 07:59	Map production	27/08/2020

Data sources

Pre-event image: Sentinel-2A (2020) (acquired on 05/03/2020 at 07:58 UTC, GSD 10 m, approx. 0% cloud coverage in AOI, 2.8° off-nadir angle) provided under COPERNICUS by the European Union and ESA.
Post-event image: Sentinel-2A (2020) (acquired on 27/08/2020 at 07:56 UTC, GSD 10 m, approx. 20% cloud coverage in AOI, 2.8° off-nadir angle) provided under COPERNICUS by the European Union and ESA.
Sentinel-2B (2020) (acquired on 22/08/2020 at 07:56 UTC, GSD 10 m, approx. 15% 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

Products elaborated in this Copernicus EMS Rapid Mapping activity are realized to the best of our ability, within a very short time frame, optimising the available data and information. All geographic information has limitations due to scale, resolution, date and interpretation of the original sources. No liability concerning the contents or the use thereof is assumed by the producer and by the European Union.

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
https://emergency.copernicus.eu/EMSR446

JRC-EMS-rapidmapping@ec.europa.eu
© European Union
For full Copyright notice visit https://emergency.copernicus.eu/mapping/ems/cite-copernicus-ems-mapping-portal