

			Lake Vistoria		Ny anza km				
Cartographic Information									
1:175000			Full color A	1, 200) dpi resolution				
0 3.5		7	14 km		Ņ				
lick marks: WGS 8	s4 geo	graphical coord	and						
Crisis Information Flooded Area (17/08/2020 07: Previous Floode (12/08/2020 07: General Informatio Area of Interest	56 UTC) ∋d Area 56 UTC) ⊃n	Placenames Placename Placename Built-Up Area Built-Up Area Hydrography River Stream Lake River	Transportation Secondary Road Local Road Cart Track Land Use - Land C Features available in th	d Cover ne vector	r package				
Consequences within the AO			Unit of meas	surement	Affected Total in AOI				
Flooded area				ha	17355.4				
≟stimated population Settlements	Residentia	l Buildings	Number of in	nabitants ha	158986 138.3 1792.8				

Activation ID: EMSR446 Product N.: 01LAKEKYOGA, v1

Settlements	Residential Buildings		130.5	1792.0
Transportation	Secondary Road	km	2.3	26.1
	Local Road	km	6.7	55.1
	Cart Track	km	14.9	178.3
Land use	Heterogeneous agricultural areas	ha	1422.0	26130.9
	Forests	ha	3910.6	12688.9
	Shrub and/or herbaceous vegetation association	ha	10812.0	41969.1
	Inland wetlands	ha	818.0	3202.7
	Other	ha	392.8	33443.4

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

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	17/08/2020 07:56
Activation	21/07/2020 07:59	Map production	18/08/2020

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 Aol, 2.8° off-nadir angle) provided under COPERNICUS by the European Union and ESA.

Sentinel-2B (2020) (acquired on 12/08/2020 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

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

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

© European Union For full Copyright notice visit https://emergency.copernicus.eu/mapping/ems/cite-copernicus-

