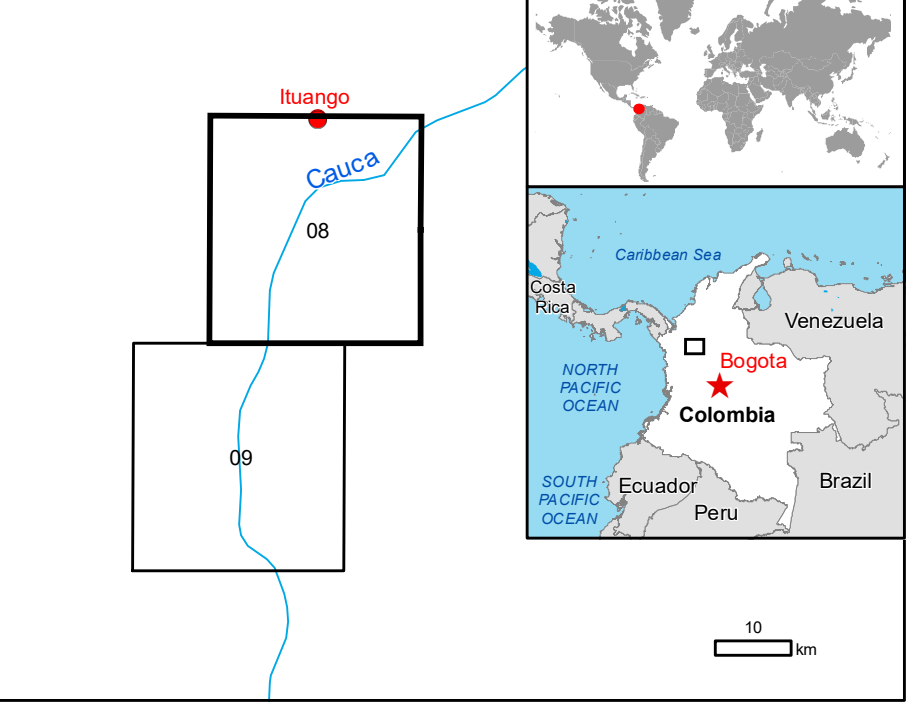


GLIDE number: N/A Activation ID: EMSR286
Product N.: 08ITUANGONORTH, v1, English

ITUANGO NORTH - COLOMBIA

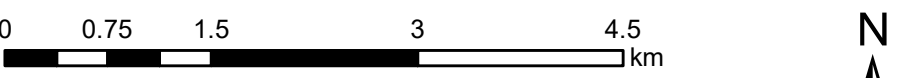
Flood - Pre-event situation

Reference Map



Cartographic Information

1:55000 Full color ISO A1, medium resolution (200 dpi)



Grid: WGS 1984 UTM Zone 18N map coordinate system
Tick marks: WGS 84 geographical coordinate system

Legend

- General Information**
 - Area of Interest
 - Not Analysed
- Hydrography**
 - River
 - Stream
 - Lake
 - River
- Placenames**
 - Placename

- Built-Up Area**
 - Built-Up Area

Land use - Land Cover
Features available in vector data

Exposure within the AOI		Unit of measurement	Total in AOI
Estimated population		Number of inhabitants	132722
Settlements	Residential	ha	149.6
Land Use	Forests	ha	71130.5
	Shrub and/or herbaceous vegetation association	ha	1553304.0
	Open spaces with little or no vegetation	ha	4.3
	Inland wetlands	ha	128.8

Map Information

The Ituango Dam, an earth-core rock-filled dam currently under construction on the Cauca river (near Ituango town, Antioquia Department) it is at risk of collapse. Heavy rains and two tunnels collapsing as of 28 April, pose a high risk of failure of the earth embankment dam. Such a collapse could lead to catastrophic flooding downstream along the Cauca River. Preventive evacuations on many municipalities were ordered on Wednesday, May 16, and five municipalities have been placed on maximum alert (Valdivia, Cáceres, Nechi, Tarazá, and Cauca).

The total number of inhabitants potentially affected by floodings following the dam collapse is estimated to be up to 120,000.

The present map shows basic topographic features derived from public datasets, refined by means of visual interpretation of pre-event imagery.

Relevant date records			
Event	22/05/2018	Situation as of	N/A
Activation	22/05/2018	Map production	26/05/2018

Data Sources

Pre-event image: Sentinel 2B (2018) (acquired on 07/04/2018 at 15:36 UTC, GSD 10 m, approx. 40% cloud coverage in AOI, 9.7° off-nadir angle) provided under COPERNICUS by the European Union and ESA.

Base vector layers: OpenStreetMap © OpenStreetMap contributors, Wikimapia.org, GeoNames 2015, refined by the producer.
Inset maps: JRC 2013, Natural Earth 2012, GeoNames 2013.

Population data: GHSL Population Grid © European Commission, 2015
http://data.europa.eu/8hrh/gls-ghs-pop_gpw_v2015a
Digital Elevation Model: SRTM (90m) (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.
Map produced by e-GEOS released by SERTIT (ODO).

For the latest version of this map and related products visit
<http://emergency.copernicus.eu/EMSR286>

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