

EMSR853 - AOI04
Flood in Bolivia
EL TORNO

Situation as of 19/12/2025 12:25 UTC
Grading MONIT01 - Overview map 01





Flood trace
214.0 ha



Flooded area
1.7 ha



Landslide
16.9 ha



Potentially affected population
~ 100

Affected Built-up and Transportations






Built-Up
0.6 ha




Road
9.8 km


Crisis Information

-  Flooded Area
-  Flood trace
-  Landslide


Built Up Grading



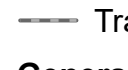
-  Possibly damaged

Facilities Grading


-  Possibly damaged

Transportation Grading


-  Road, Possibly damaged

-  Highway, No visible damage
-  Local road, No visible damage
-  Track, No visible damage

General Information

-  Area of Interest

Placenames

-  Placename

Event: On the 14 December 2025, intense rainfall is reported to have a significantly affected provinces of Andrés Ibáñez and Sara, Bolivia. The event caused rivers to overflow. Copernicus EMS Rapid Mapping is requested to provide initial rough estimation, flood extent and damage assessment emergency mapping.

Data sources and analysis: Pre-event image: WorldView-2 © Vantor (2025), provided by European Space Imaging (acquired on 18/08/2025 at 14:33 UTC, resolution 0.5 m). ESRI World Imagery © DigitalGlobe (acquired on 07/06/2024, resolution 1.1 m). Post-event image: Legion © Vantor (2025), provided by European Space Imaging (acquired on 19/12/2025 at 12:25 UTC, resolution 0.5 m). This image is used as background image. All images are provided under COPERNICUS by the European Union and ESA, all rights reserved.

The thematic layer has been derived from post-event satellite image by means of visual interpretation.

Consequences within the AOI

			LATEST IMPACT	
			Unit of measurement	EO-based observation*
Crisis information	Flood trace		ha	214.0
	Flooded area		ha	1.7
	Landslide		ha	16.9
	Maximum of all extents**		ha	232.6

Estimated population		Inhabitants	No.	Destroyed	Damaged	Possibly damaged***	Total affected****	Total in AOI
Assets		Built-up					~ 100	~ 53,000
		Residential Buildings	ha	0	0	0.6	0.6	459.0
		Wholesale and retail trade buildings	ha	0	0	0	0	1.0
		School, university and research buildings	ha	0	0	0	0	2.4
		Cemetery	ha	0	0	0	0	2.6
	Transportation	Highways	km	0	0	0	0	34.6
		Local Road	km	0	0	2.8	2.8	231.7
		Cart Track	km	0	0	7.1	7.1	302.2
	Facilities	Sport and recreation constructions	ha	0	0	0.1	0.1	14.4
		Dams	km	0	0	0	0	0.2
	Land use	Shrub and/or herbaceous vegetation association	ha				101.9	1,427.5
		Heterogeneous agricultural areas	ha				81.5	5,268.0
		Forests	ha				48.7	3,058.7
		Other	ha				0.6	1,493.8

* Corresponds to the water surface observed in the most recent satellite imagery, excluding permanent water.

** Corresponds to the geographic union (and NOT the sum) of all Crisis Information layers.

*** It is intersected with the population and asset datasets to estimate the impacts.

**** Sum of all damage classes

Disclaimer:

Full disclaimer and other helpful information available in the online manual:

<https://mapping.emergency.copernicus.eu/about/rapid-mapping-manual/>

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Data Access:

All data displayed on the map(s), as well as Land Use - Land Cover layer(s), are available in the Crisis Information Package and the Base Layer Package (for reference data). The table above is available in editable format in the Crisis Information Package. All products and data are also available for download on the portal.

Estimated Population:

Estimated population is based on Copernicus Global Human Settlement Layer (GHSL) dataset. Additional population datasets and analysis are available in the summary table.

Data Sources:

Base Vector Layers: OpenStreetMap © OpenStreetMap contributors (2025); Wikimapia.org; GeoNames 2015; Global Administrative Areas (2022), refined by the producer, Globe Land 30 (2010), Copernicus Global Land Service: Land Cover (2019).

Inset Maps: Natural Earth 2023; HydroLAKES 2016 by HydroSHEDS;

© EuroGeographics, © TurkStat. Source: European Commission – Eurostat/GISCO, 2021.

Digital Elevation Model:

FABDEM (ForestAndBuildingsremovedCopernicusDEM) removes building and tree height biases from the Copernicus GLO 30

Digital Elevation Model (DEM) (Airbus, 2020).

Access to the portal

