



Situation as of 18/12/2025 14:34 UTC
Grading - Overview map 01



Flood trace 49.2 ha
Flooded area 1.7 ha
Potentially affected population ~ 850

Affected Built-up and Transportations

Road 31.2 km
Railway 0.02 km
Built-Up 333.7 ha

Crisis Information
Flooded Area
Flood trace
Built Up Grading
Possibly damaged
Facilities Grading
Possibly damaged
Transportation Grading
Road, Possibly damaged
Railway, Possibly damaged
Highway, No visible damage
Main road, No visible damage
Local road, No visible damage
Track, No visible damage
Railway, No visible damage

General Information
Area of Interest
Detail map
Image Footprint
Not Analysed
Administrative Boundaries
Province
Placenames
Placename
Hydrography
Lake, River

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: ESRI World Imagery © DigitalGlobe (acquired on 10/06/2024, resolution 1.1 m). Post-event image: WorldView-3 © Vantor (2025), provided by European Space Imaging (acquired on 18/12/2025 at 14:34 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 using a semi-automatic approach.

Map produced by GMV released by e-GEOS on the 19/12/2025.

Details on this activation and service conditions available through the QR code or at the link: <https://mapping.emergency.copernicus.eu/activations/EMSR853>









EMSR853 - AOI06
Flood in Bolivia
MONTERO

Situation as of 18/12/2025 14:34 UTC
Grading - Detail map 02




Crisis Information


 Flooded Area


 Flood trace


Built Up Grading

 Possibly damaged

Transportation Grading

 Road, Possibly damaged

 Highway, No visible damage


 Main road, No visible damage


Local road, No visible damage

Track, No visible damage


Railway, No visible damage

General Information

 Image Footprint

 Not Analysed

Hydrography

 Lake, River


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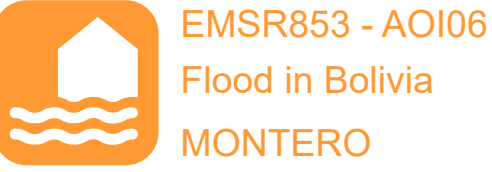
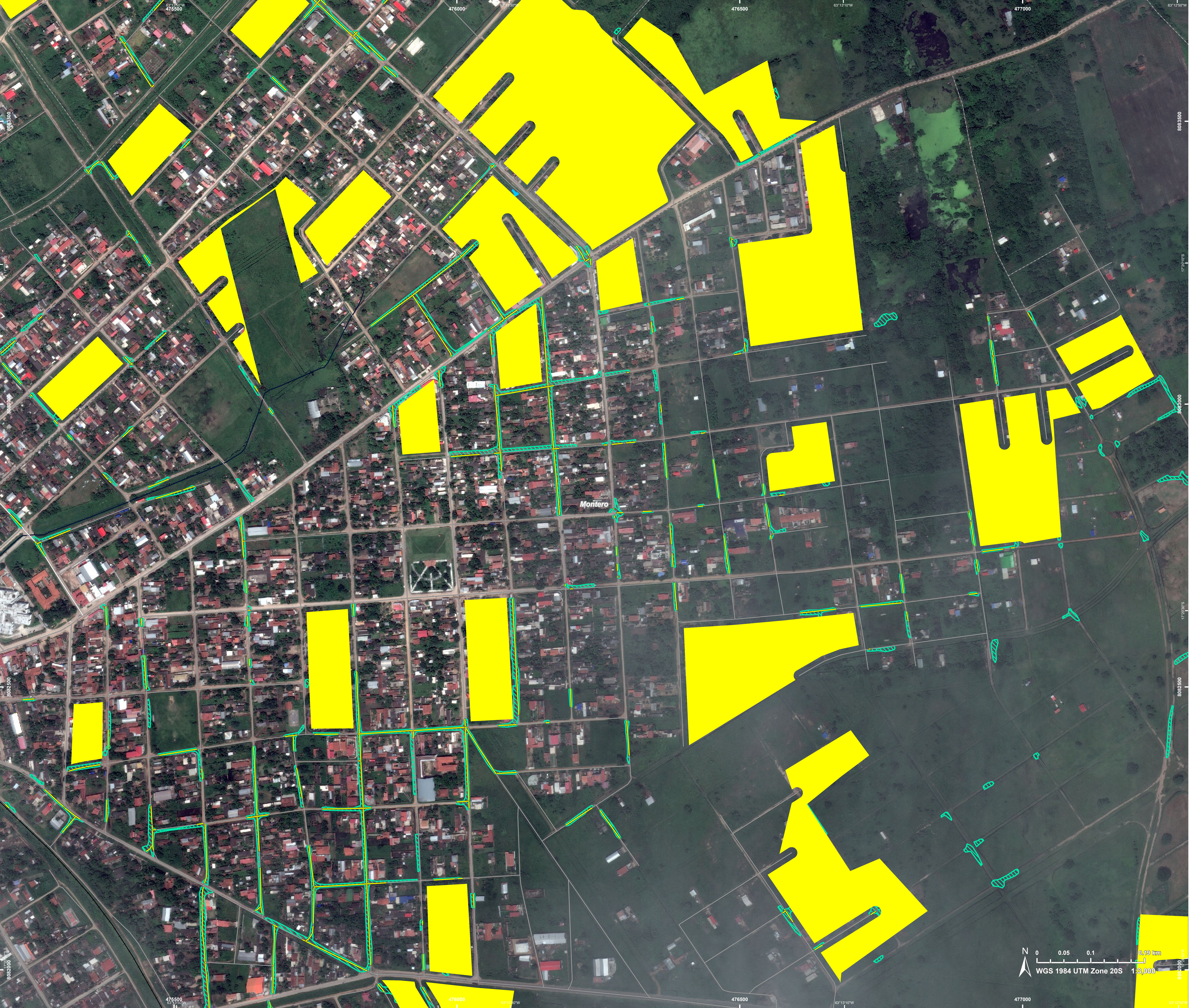
Map produced by GMV released by e-GEOS on the 19/12/2025.

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 PROGRAMME OF THE EUROPEAN UNION





Situation as of 18/12/2025 14:34 UTC
Grading - Detail map 03



Crisis Information

- Flooded Area
- Flood trace

Built Up Grading

- Possibly damaged

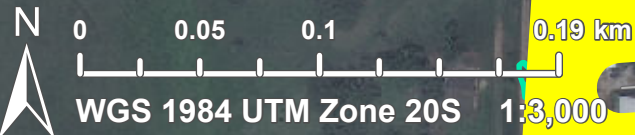
Transportation Grading

- Road, Possibly damaged
- Main road, No visible damage
- Local road, No visible damage
- Track, No visible damage
- Railway, No visible damage

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Consequences within the AOI

			LATEST IMPACT	
			Unit of measurement	EO-based observation*
Crisis information	Flood trace		ha	49.2
	Flooded area		ha	1.7
	Maximum of all extents**		ha	50.9

Estimated population		Inhabitants	No.	Destroyed	Damaged	Possibly damaged***	Total affected****	Total in AOI
Assets		Built-up					~ 850	~ 130,000
		Residential Buildings	ha	0	0	169.4	169.4	2,575.9
		Industrial buildings	ha	0	0	164.3	164.3	269.2
	Transportation	Highways	km	0	0	0	0	47.2
		Primary Road	km	0	0	0.2	0.2	7.5
		Secondary Road	km	0	0	0.04	0.04	13.5
		Local Road	km	0	0	28.9	28.9	776.3
		Cart Track	km	0	0	2.0	2.0	183.0
		Long-distance railways	km	0	0	0.02	0.02	17.0
	Facilities	Settling Basin	ha	0	0	0	0	82.7
		Sport and recreation constructions	ha	0	0	2.7	2.7	45.7
	Land use	Shrub and/or herbaceous vegetation association	ha				27.8	8,465.7
		Other	ha				18.0	1,793.4
		Heterogeneous agricultural areas	ha				4.1	983.8
		Forests	ha				1.0	853.3
		Open spaces with little or no vegetation	ha				0	6.1
		Inland wetlands	ha				0	95.8

* 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).

