

EMSR796 - AOI01  
Flood in Ecuador  
CELICA

Situation as of 14/04/2025 15:49 UTC  
Grading MONIT01 - Overview map 01



Debris, Rockfall 0.05 ha  
Landslide 5.9 ha  
Flood trace 0.8 ha  
Blocked road / interruption 7 No.

Potentially affected population ~ 10

Affected Built-up and Transportations

Built-Up 13 No.  
Road 0.5 km

**Crisis Information**

- Flood trace
- Debris, rockfall
- Landslide
- Blocked road / interruption

**Built Up Grading**

- Damaged
- Possibly damaged

**Transportation Grading**

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

**Facilities Grading**

- Long-distance pipeline or line, Possibly damaged

**General Information**

- Area of Interest
- Detail map
- Not Analysed

**Placenames**

- Placename

**Hydrography**

- Lake, River

**Event:** On the 26 February 2025 at 16:00 UTC, heavy rainfall affected western and coastal Ecuador causing floods and triggering landslides. The event is on-going, causing significant damage. Copernicus EMS Rapid Mapping is requested to provide damage assessment emergency mapping.

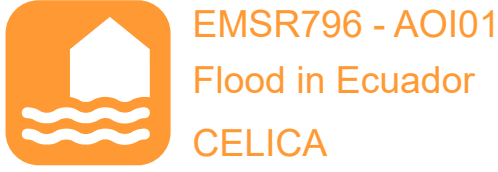
**Data sources and analysis:** Pre-event image: GeoEye-1 © Maxar Technologies, Inc. (2024), (acquired on 24/07/2024 at 15:30 UTC, resolution 0.5 m). Post-event image: Pléiades Neo © CNES (2025), distributed by Airbus DS (acquired on 14/04/2025 at 15:49 UTC, resolution 0.3 m). This image is used as background image. Image provided by the International Charter (call ID 951), all rights reserved. The thematic layer has been derived from post-event satellite image using by means of visual interpretation.

N  
0 0,1 0,2 0,4 km  
WGS 1984 UTM Zone 17S 1:7.200

Map produced by e-GEOS released by e-GEOS on the 15/04/2025.

Details on this activation and service conditions available through the QR code or at the link: <https://mapping.emergency.copernicus.eu/activations/EMSR796>





Situation as of 14/04/2025 15:49 UTC  
Grading MONIT01 - Detail map 02



Crisis Information

- Flood trace
- Debris, rockfall
- Landslide
- Blocked road / interruption

Built Up Grading

- Possibly damaged

Transportation Grading

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

Facilities Grading

- Long-distance pipeline or line, Possibly damaged

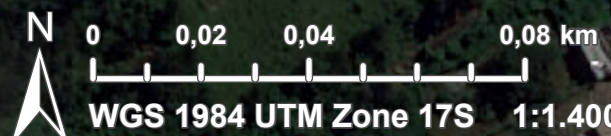
General Information

- Area of Interest
- Not Analysed

**Event:** On the 26 February 2025 at 16:00 UTC, heavy rainfall affected western and coastal Ecuador causing floods and triggering landslides. The event is on-going, causing significant damage. Copernicus EMS Rapid Mapping is requested to provide damage assessment emergency mapping.

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Consequences within the AOI						
	Unit of measurement	Destroyed	Damaged	Possibly damaged*	Total affected**	Total in AOI
Debris, Rockfall	ha					0,05
Landslide	ha					5,9
Flood trace	ha					0,8
Ancillary Crisis Information	Blocked road / interruption	No.				7
Estimated population	Number of inhabitants				~ 10	~ 5.400
Built-up	Residential Buildings	No.	0	1	10	11
	Institutional	No.	0	0	0	0
	Other non-residential buildings	No.	0	0	2	2
	Buildings used as places of worship and for religious activities	No.	0	0	0	0
	Other buildings not elsewhere classified	No.	0	0	0	0
	Communication buildings, stations, terminals and associated buildings	No.	0	0	0	0
Transportation	Primary Road	km	0	0,1	0	0,1
	Secondary Road	km	0	0	0	0
	Local Road	km	0	0,04	0,1	0,1
	Cart Track	km	0	0,3	0,1	0,3
Facilities	Sport and recreation constructions	ha	0	0	0	0
	Long-distance pipelines, communication and electricity lines	km	0	0	0,01	0,01
Land use	Shrub and/or herbaceous vegetation association	ha				3,6
	Forests	ha				3,1
	Other	ha				0,04

\* Presence of damage proxies and proximity with destroyed/damaged asset  
 \*\* 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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Access to the portal

**Data Access:**

All data displayed on the map(s), as well as the Physiography and Land Use - Land Cover layers, 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).



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