



Situation as of 20/03/2025 15:47 UTC
Grading - Overview map 01





Landslide 9.3 ha
Flood trace 1.5 ha



Potentially affected population
~ 20







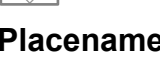



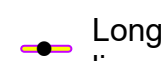



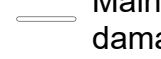
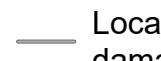

Affected Built-up and Transportations



Built-Up
10 No.



Road
1.0 km

Crisis Information	General Information
 Flood trace	 Area of Interest
 Landslide	 Detail map
Built Up Grading	 Image Footprint
 Destroyed	 Not Analysed
 Damaged	Placenames
 Possibly damaged	 Placename
Facilities Grading	Hydrography
 Long-distance pipeline or line, Possibly damaged	 Lake, River
Transportation Grading	
 Road, Damaged	
 Road, Possibly damaged	
 Main road, No visible damage	
 Local road, No visible damage	
 Track, No visible damage	

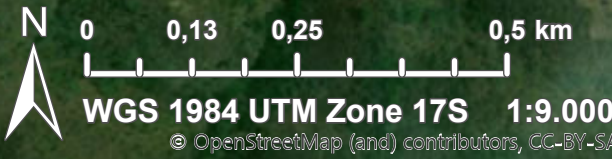
Event: On the 26 February 2025 at 16:00 UTC, heavy rainfall affected western and coastal Ecuador causing floods and triggering landslides. The event is on-going, causing significant damage. Copernicus EMS Rapid Mapping is requested to provide damage assesment emergency mapping.


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-1A/B © CNES (2025), distributed by Airbus DS (acquired on 20/03/2025 at 15:47 UTC, resolution 0.5 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.

Map produced by e-GEOS released by SERTIT on the 22/03/2025.

Details on this activation and service conditions available through the QR code or at the link: <https://mapping.emergency.copernicus.eu/activations/EMSR789>






EMSR796 - AOI01
Flood in Ecuador
CELICA



Situation as of 20/03/2025 15:47 UTC
Grading - Detail map 02




Crisis Information

-  Landslide






Built Up Grading

-  Destroyed
-  Possibly damaged



Facilities Grading

-  Long-distance pipeline or line, Possibly damaged


Transportation Grading

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

General Information

-  Area of Interest
-  Not Analysed

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 assesment emergency mapping.

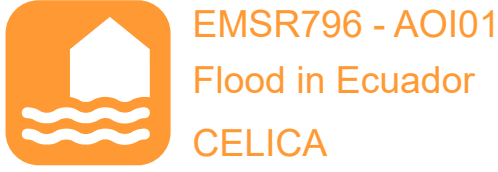
Data sources and analysis: Pre-event image: GeoEye-1 © Maxar Technologies, Inc. (2024), (acquired on 24/07/2024 at 15:30 UTC, resolution 0.5 m). Post-event image: Pléiades-1A/B © CNES (2025), distributed by Airbus DS (acquired on 20/03/2025 at 15:47 UTC, resolution 0.5 m). This image is used as background image. Image provided by the International Charter (call ID 951), all rights reserved.

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Situation as of 20/03/2025 15:47 UTC
Grading - Detail map 03



Crisis Information
Flood trace
Landslide

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

General Information
Area of Interest

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**
Landslide	ha					9,3
Flood trace	ha					1,5
Estimated population	Number of inhabitants					~ 20
Built-up	Residential Buildings	No.	1	1	7	9
	Institutional	No.	0	0	0	0
	Other non-residential buildings	No.	0	0	0	0
	Buildings used as places of worship and for religious activities	No.	0	0	0	0
	Other buildings not elsewhere classified	No.	0	0	1	1
	Communication buildings, stations, terminals and associated building	No.	0	0	0	0
Transportation	Primary Road	km	0	0,3	0,1	0,4
	Secondary Road	km	0	0	0	0
	Local Road	km	0	0,04	0,01	0,05
	Cart Track	km	0	0,5	0,1	0,5
Facilities	Sport and recreation constructions	ha	0	0	0	0
	Long-distance pipelines, communication and electricity lines	km	0	0	0,2	0,2
Land use	Shrub and/or herbaceous vegetation association	ha				6,7
	Forests	ha				4,1
	Other	ha				0,03
* 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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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;

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

Global Administrative Areas (2012), 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



PROGRAMME OF THE
EUROPEAN UNION

