



Situation as of 16/04/2025 15:38 UTC  
Grading - Overview map 01





Landslide 9.2 ha  
Flood trace 0.9 ha



Potentially affected population  
~ 20

Affected Built-up and Transportations




Built-Up  
17 No.




Road  
1.1 km

**Crisis Information**

-  Flood trace
-  Landslide

**Built Up Grading**

-  Destroyed
-  Damaged
-  Possibly damaged


**Facilities 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


**General Information**

-  Area of Interest
-  Detail map
-  Not Analysed

**Administrative Boundaries**

-  Province

**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: WorldView-3 © Maxar Technologies, Inc. (2022), (acquired on 29/09/2022 at 15:38 UTC, resolution 0.4 m).  
Post-event image: Pléiades Neo © CNES (2025), distributed by Airbus DS (acquired on 14/04/2025 at 15:49 UTC, and on 16/04/2025 at 15:38 UTC, resolution 0.3 m).  
This image is used as background image.

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

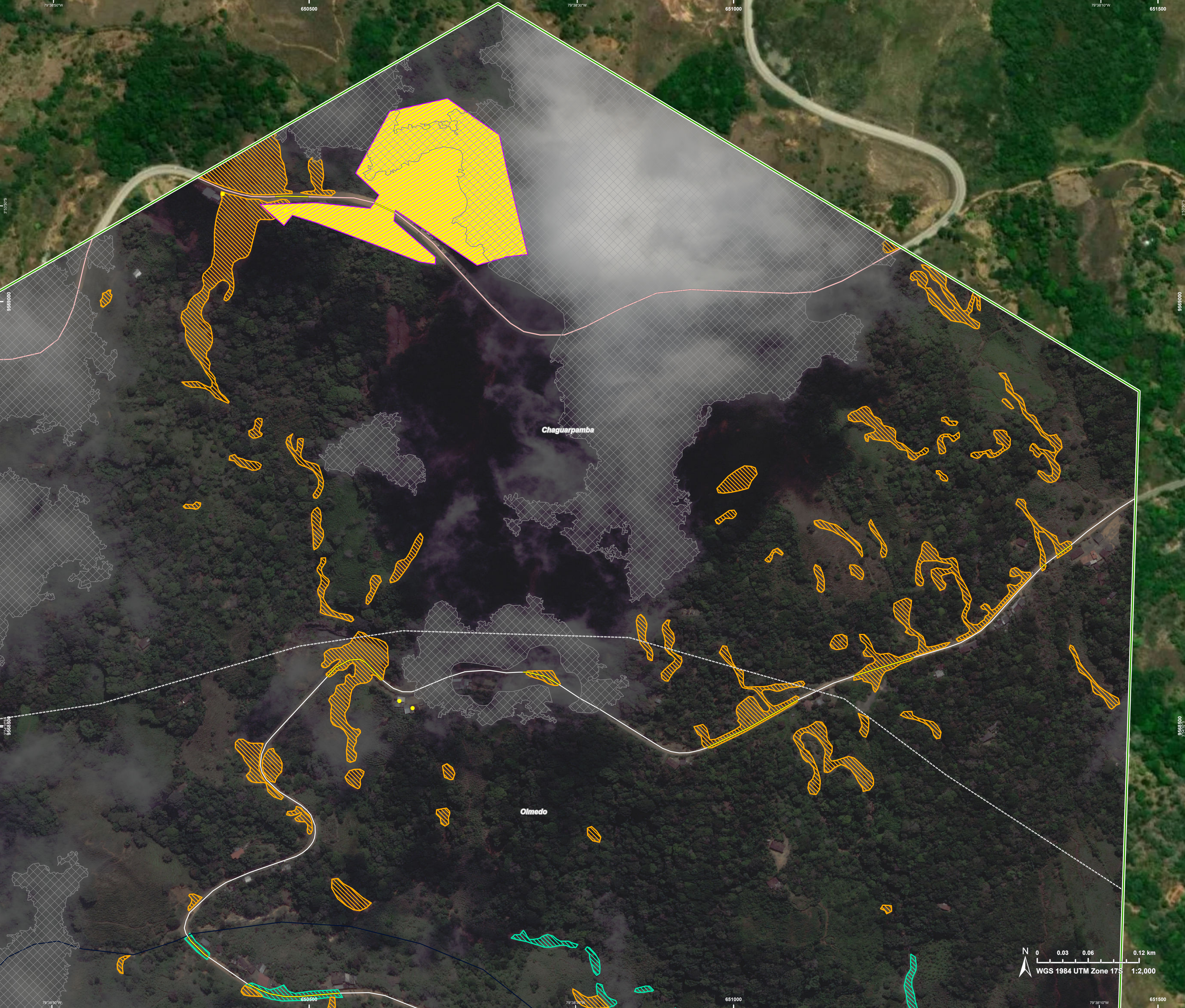
"Not analysed" indicates an area that could not be analysed in any of the post-event images.

Map produced by Telespazio Iberica released by SERTIT on the 18/04/2025.

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 16/04/2025 15:38 UTC**  
Grading - Detail map 02



- |                               |                                  |
|-------------------------------|----------------------------------|
| <b>Crisis Information</b>     | <b>General Information</b>       |
| Flood trace                   | Area of Interest                 |
| Landslide                     | Not Analysed                     |
| <b>Built Up Grading</b>       | <b>Administrative Boundaries</b> |
| Possibly damaged              | Province                         |
| <b>Facilities Grading</b>     | <b>Hydrography</b>               |
| Possibly damaged              | Lake, River                      |
| <b>Transportation Grading</b> |                                  |
| Road, Possibly damaged        |                                  |
| Highway, No visible damage    |                                  |
| Main road, No visible damage  |                                  |

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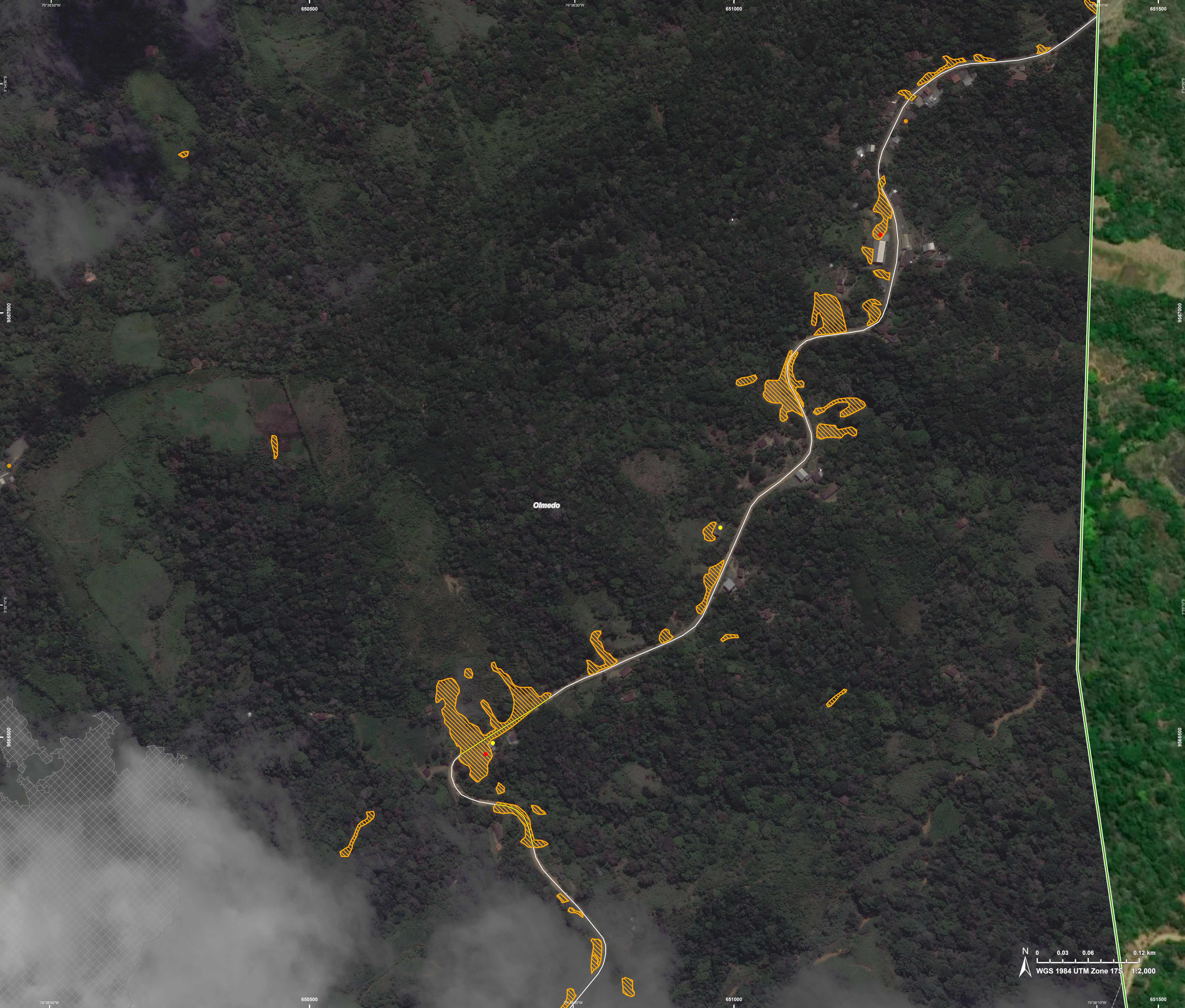
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EMSR796 - AOI07


Flood in Ecuador

OLMEDO




Situation as of 16/04/2025 15:38 UTC  
Grading - Detail map 03







**Crisis Information**

 Landslide


**Built Up Grading**


-  Destroyed
-  Damaged
-  Possibly damaged

**Transportation Grading**

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

**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
Flood trace		ha					0.9
Landslide		ha					9.2
Estimated population	Number of inhabitants					~ 20	~ 2,300
Built-up	Residential Buildings	No.	2	4	10	16	979
	Other buildings not elsewhere classified	No.	1	0	0	1	38
Transportation	Highways	km	0	0	0.1	0.1	11.5
	Secondary Road	km	0	0	1.0	1.0	11.7
	Local Road	km	0	0	0.1	0.1	7.9
	Cart Track	km	0	0	0.04	0.04	2.7
Facilities	Constructions for mining or extraction	ha	0	0	3.0	3.0	3.0
	Sport and recreation constructions	ha	0	0	0	0	0.1
Land use	Forests	ha				6.7	1,135.5
	Shrub and/or herbaceous vegetation association	ha				3.4	289.5
* 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 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.

Access to 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).



PROGRAMME OF THE  
EUROPEAN UNION

