

Situation as of 17/04/2026 00:23 UTC
Grading - Overview map 01




 **Loss of tree cover**
512.6 ha

 **Potentially affected population**
~ 1,000


Affected Built-up and Transportations


 **Built-Up**
151 No.


Crisis Information

 **Loss of tree cover**


Built Up Grading

 **Destroyed**


 **Damaged**


 **Possibly damaged**

Transportation Grading

 **Track, No visible damage**

General Information

 **Area of Interest**

 **Not Analysed**

Event: Between 9 and 11 April, the passage of TC Sinlaku affected Chuuk state in Micronesia with heavy rains and strong winds, with possible wind damage, landslides and flash floods. Copernicus Rapid Mapping is asked for a damage assessment and detection of landslides on the islands of Chuuk state.

Data sources and analysis: Pre-event image: Legion® Vantor (2026), provided by European Space Imaging (acquired on 30/03/2026 at 00:32 UTC, and on 28/03/2026 at 02:16UTC, resolution 0.3 m). Post-event image: WorldView-3® Vantor (2026), provided by European Space Imaging (acquired on 17/04/2026 at 00:23 UTC, resolution 0.3 m). This image is used as background image.

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

Map produced by CLS released by e-GEOS on the 22/04/2026.

Details on this activation and service conditions available through the QR code or at the link: <https://mapping.emergency.copernicus.eu/activations/EMSR872>



N 0 0.2 0.4 0.8 km
WGS 1984 UTM Zone 56N 1:13 000



Consequences within the AOI

			LATEST IMPACT	
			Unit of measurement	Imagery-based observation
Crisis information	Loss of tree cover		ha	512,6

Estimated population		Inhabitants	No.	Destroyed	Damaged	Possibly damaged*	Total affected**	Total in AOI
Assets	Built-up	Residential Buildings	No.	1	2	0	3	3
		Other non-residential buildings	No.	5	12	21	38	39
		Unclassified	No.	13	68	29	110	976
	Transportation	Cart Track	km	0	0	0	0	17,5
	Land use	Forests	ha				466,3	1 110,4
		Shrub and/or herbaceous vegetation association	ha				34,2	195,4

* 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 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 (2026); Wikimapia.org; GeoNames 2015; © EuroGeographics, © TurkStat. Source: European Commission – Eurostat/GISCO, 2024. Globe Land 30 (2010), Land Use and Land Cover National Data (2010).

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

© EuroGeographics, © TurkStat. Source: European Commission – Eurostat/GISCO, 2024.

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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