



EMSR872 - AOI02
Tropical Cyclone Sinlaku in Micronesia
UDOT

Situation as of 27/04/2026 00:44 UTC
Grading MONIT01 - Overview map 01



Loss of tree cover
233.3 ha

Potentially affected population
~ 550

Affected Built-up

Built-Up
137 No.

Crisis Information

Loss of tree cover

Built Up Grading

- Destroyed
- Damaged
- Possibly damaged

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: WorldView-2® Vantor (2026), provided by European Space Imaging (acquired on 03/08/2025 at 00:11 UTC, resolution 0.4 m).
Post-event image: Legion® Vantor (2026), provided by European Space Imaging (acquired on 27/04/2026 at 00:44 UTC, resolution 0.5 m). This image is used as background image.
Legion® Vantor (2026), provided by European Space Imaging (acquired on 23/04/2026 at 06:03 UTC, resolution 0.3 m).

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

N
0 0.13 0.25 0.5 km
WGS 1984 UTM Zone 56N 1:9 000

Map produced by SERTIT released by e-GEOS on the 27/04/2026.

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

Consequences within the AOI

				LATEST IMPACT				
				Unit of measurement	Imagery-based observation			
Crisis information	Loss of tree cover			ha			233.3	

				Destroyed	Damaged	Possibly damaged*	Total affected**	Total in AOI
Estimated population		Inhabitants	No.				~ 550	~ 1 900
Assets	Built-up	Unclassified	No.	21	58	58	137	493
	Transportation	Cart Track	km	0	0	0	0	0.5
	Land use	Forests	ha				123.9	265.4
		Shrub and/or herbaceous vegetation association	ha				108.4	201.2

* 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), Copernicus Global Land Service: Land Cover (2019).

Inset Maps: Natural Earth 2023; HydroLAKES 2016 by HydroSHEDS; © EuroGeographics, © TurkStat. Source: European Commission – Eurostat/GISCO, 2024.