

 **EMSR872 - AOI08**  
Tropical Cyclone Sinlaku in Micronesia  
TONOWAS

**Situation as of 17/04/2026 00:22 UTC**  
Grading - Overview map 01












 **Loss of tree cover**  
196.6 ha

 **Potentially affected population**  
~ 650

**Affected Built-up and Transportations**

 **Built-Up**  
77 No.

- |   |   |
|---|---|
|  Loss of tree cover          |  Local road, No visible damage |
|  Blocked road / interruption |  Track, No visible damage      |
| <b>Built Up Grading</b>   | <b>General Information</b>  |
|  Damaged                   |  Area of Interest             |
|  Possibly damaged          |  Not Analysed                 |
|   | <b>Hydrography</b>  |
|   |  Lake, River                 |

**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.

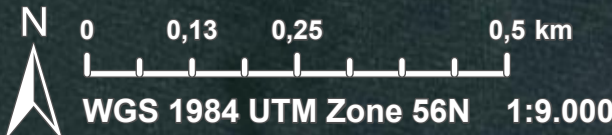
**Data sources and analysis:** Pre-event image: Legion © Vantor (2026), provided by European Space Imaging (acquired on 03/01/2026 at 02:37 UTC, resolution 0.3 m).  
Post-event image: WorldView-3 © Vantor (2026), provided by European Space Imaging (acquired on 17/04/2026 at 00:22 UTC, resolution 0.3 m).  
This image is used as background image.

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

Map produced by Telespazio Iberica 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 Blocked road / interruption		ha No.	196,6 1

				Destroyed	Damaged	Possibly damaged*	Total affected**	Total in AOI
Estimated population		Inhabitants	No.				~ 650	~ 3.200
Assets	Built-up	Residential Buildings	No.	0	16	60	76	1.002
		Other buildings not elsewhere classified	No.	0	0	1	1	3
	Transportation	Local Road	km	0	0	0	0	14,6
		Cart Track	km	0	0	0	0	1,7
	Land use	Forests	ha				121,0	575,7
		Shrub and/or herbaceous vegetation association	ha				73,1	298,2
		Open spaces with little or no vegetation	ha				0,5	2,3

\* 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.

