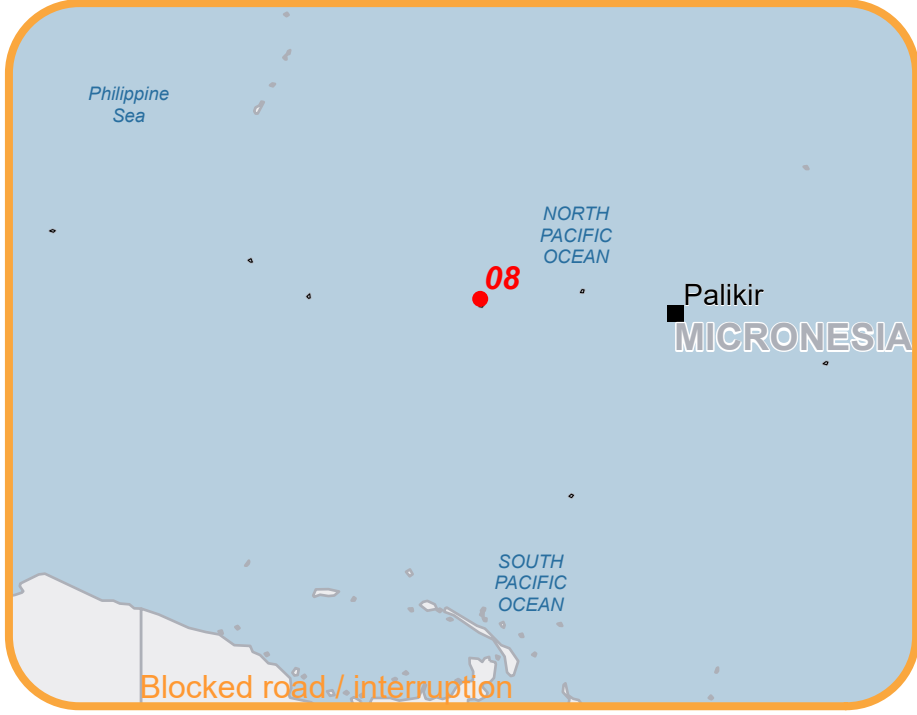


EMSR872 - AOI08

Tropical Cyclone Sinlaku in Micronesia

TONOWAS

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





Loss of tree cover  
182.3 ha




Potentially affected  
population  
~ 600

Affected Built-up and Transportations




Built-Up  
77 No.

**Crisis Information**




Loss of tree cover

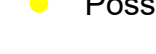


Blocked road /  
interruption

**Built Up Grading**




Damaged




Possibly damaged

**Transportation Grading**




Local road, No visible  
damage




Track, No visible damage

**General Information**




Area of Interest



Not Analysed

**Hydrography**



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 24/04/2026.

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<br>Blocked road / interruption |  | ha<br>No.           | 182.3<br>1                |

| Estimated population |                | Inhabitants                                    | No. | Destroyed | Damaged | Possibly damaged* | Total affected** | Total in AOI |
|----------------------|----------------|--|-----|-----------|---------|-------------------|------------------|--------------|
| 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  |           |         |                   | 114.4            | 575.7        |
|                      |                | Shrub and/or herbaceous vegetation association | ha  |           |         |                   | 67.4             | 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.