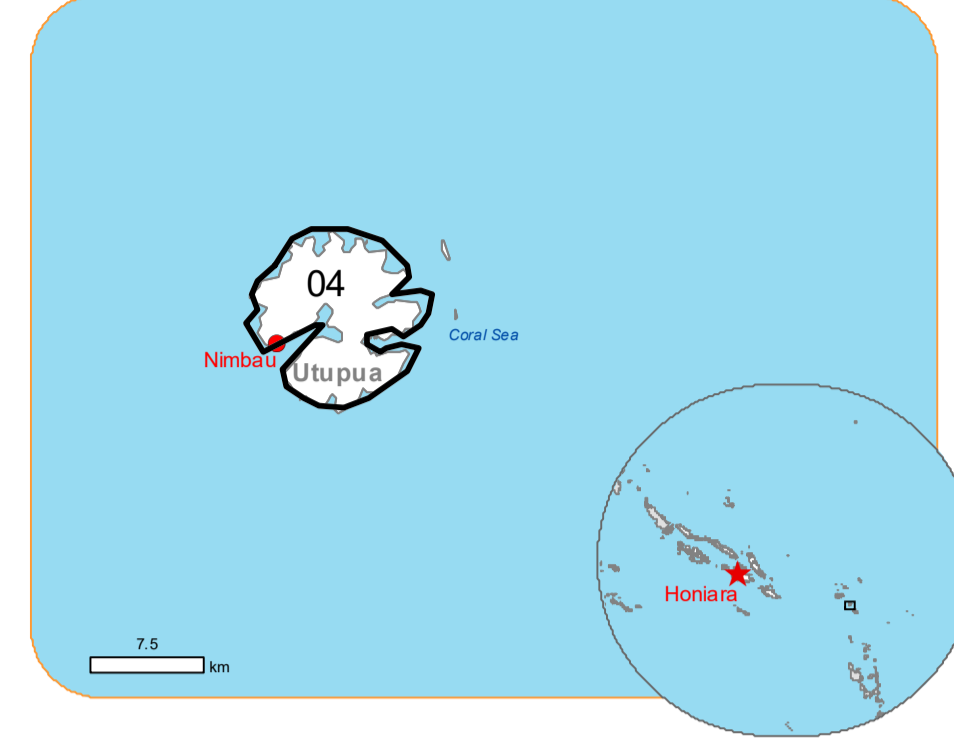




 **EMSR702 - AOI04**
Storm in Solomon Islands
UTUPUA







Situation as of 26/10/2023 22:55 UTC
Grading - Overview map 01



 **Potentially affected population**
~ Not available

Affected Built-up and Transportations

 **Built-up**
57 No.

- | | |
|--|--|
| Crisis Information | Hydrography |
| Built Up Grading |  River |
|  Possibly damaged |  Land Subject to Inundation |
| General Information | |
|  Area of Interest | |
|  Not Analysed | |
| Placenames | |
|  Placename | |

Event:
In the evening of 24 October 2023 local time, the Vanuatu archipelago was hit by the passage of a new tropical cyclone, named LOLA, with winds of up to 145 km/h. The cyclone has passed Solomon Island, and will have an impact on parts of Vanuatu. The event is on-going and increasing over the next 48 hours with very heavy rainfall, strong wind and storm surge are forecast over the whole Vanuatu with damage expected to affect buildings and infrastructure. Copernicus EMS Rapid Mapping is requested to provide damage assessment emergency mapping.

Data sources and analysis: Pre-event images: WorldView-2 © Maxar Technologies, Inc. (2022), (acquired on 23/01/2022 at 23:10 UTC, the 13/10/2022 at 23:23 UTC, resolution 0.5 m), WorldView-3 © Maxar Technologies, Inc. (2023), (acquired on 30/03/2023 at 23:19 UTC, resolution 0.5 m), ESRI World Imagery © DigitalGlobe (acquired on 08/04/2021, resolution 1.2 m).
All images are provided under COPERNICUS by the European Union and ESA, all rights reserved.
Post-event image: Pléiades-1A/B © CNES (2023), distributed by Airbus DS (acquired on 26/10/2023 at 22:55 UTC, resolution 0.5 m). This image is used as background image.
Image(s) provided by the International Charter (call ID 973), all rights reserved.

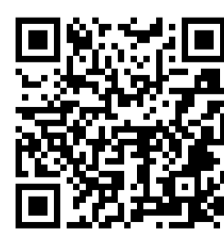
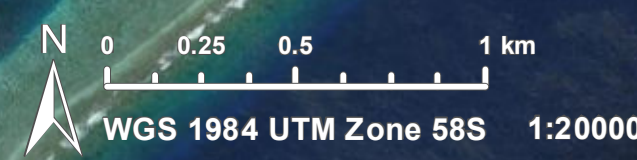
Base vector layers: OpenStreetMap © OpenStreetMap contributors (2023), Wikimapia.org, GeoNames 2015, Global Administrative Areas (2012), refined by the producer, Globe Land 30 (2010), Copernicus Global Land Service: Land Cover (2019).
Inset maps: JRC 2013, Natural Earth 2012, GeoNames 2015.

Population data: GHS Population Grid © European Commission, 2023 https://ghsl.jrc.ec.europa.eu/ghs_pop2023.php
Digital Elevation Model: COP-DEM-EEA-10-R product © DLR e.V. (2014-2018) and © Airbus Defence and Space GmbH (2020) provided under COPERNICUS by the European Union and ESA, all rights reserved.

The thematic layer has been derived from post-event satellite image by means of visual interpretation. Due to high cloud cover, the damage assessment is not complete.

Map produced by GAF AG released by e-GEOS on the 27/10/2023.

Details on this activation and service conditions available through the QR code or at the link:
<https://rapidmapping.emergency.copernicus.eu/EMSR702>



Consequences within the AOI							
	Unit of measurement		Destroyed	Damaged	Possibly damage*	Total affected**	Total in AOI
Estimated population	Number of inhabitants					NA	~ 10
Built-up	Residential Buildings	No.	0	0	57	57	57
Land use	Inland wetlands	ha	0	0	0	0	863.4
	Other	ha	0	0	0	0	12.5
	Forests	ha	0	0	0	0	7,355.6
<p>* Presence of damage proxies and proximity with destroyed/damaged asset</p> <p>** Sum of all damage classes</p>							

Disclaimer:

Full disclaimer and other helpful information available in the online manual:

<https://emergency.copernicus.eu/mapping/ems/online-manual-rapid-mapping-products>

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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



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