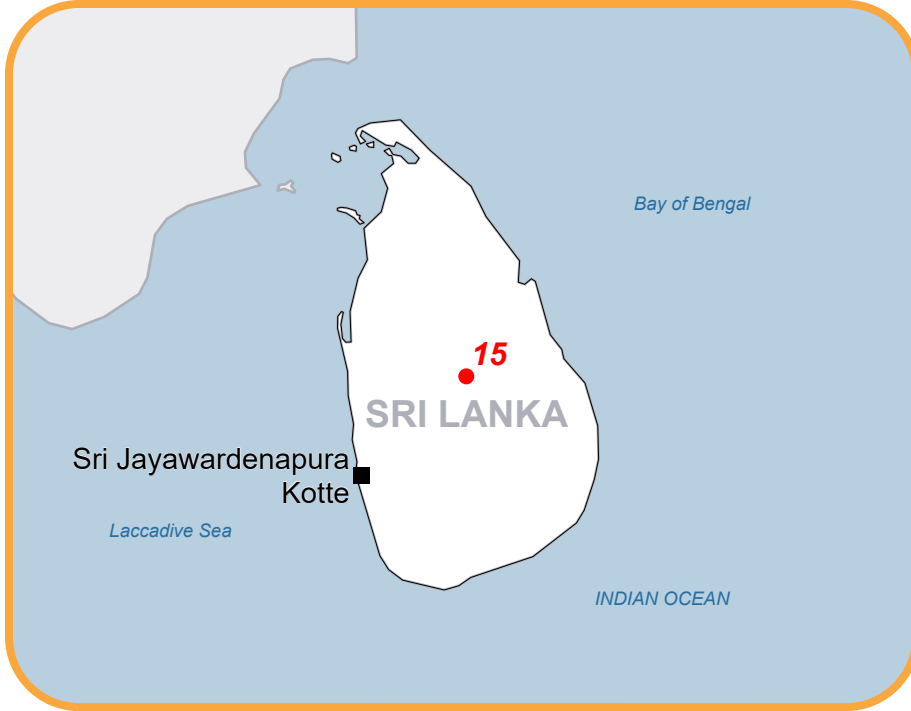


EMSR851 - AOI15  
Flood in Sri Lanka  
MORAGAHAKANDA

Situation as of 08/12/2025 05:25 UTC  
Grading - Overview map 01



Flooded area 0.1 ha  
Flood trace 1.7 ha  
Landslide 1.4 ha

Potentially affected population ~ 40

Affected Built-up and Transportations

Road 0.2 km  
Built-Up 3 No.

- Crisis Information**
- Flooded Area
  - Flood trace
  - Landslide
- Built Up Grading**
- Destroyed
  - Possibly damaged
- Transportation Grading**
- Road, Damaged
- General Information**
- Area of Interest
  - Not Analysed
- Hydrography**
- Lake, River
- Legend**
- Road, Possibly damaged
  - Main road, No visible damage
  - Local road, No visible damage
  - Track, No visible damage

**Event:** On the 27 November 2025, Tropical Cyclone DITWAH-25 formed over Sri Lanka. The event has caused heavy damage across the country, with floods, landslides and mudslides reported. Copernicus EMS Rapid Mapping is requested to provide flood extent and damage assessment emergency mapping.

**Data sources and analysis:** Pre-event image: WorldView-3 © Vantor (2025), provided by European Space Imaging (acquired on 03/10/2025 at 05:01 UTC, resolution 0.5 m).  
Post-event image: WorldView-3 © Vantor (2025), provided by European Space Imaging (acquired on 08/12/2025 at 05:25 UTC, resolution 0.5 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. Due to cloud cover, the damage assessment is not complete.

Map produced by IABG released by e-GEOS on the 17/12/2025.

Details on this activation and service conditions available through the QR code or at the link: <https://mapping.emergency.copernicus.eu/activations/EMSR851>



Consequences within the AOI

			Unit of measurement	LATEST IMPACT	
				EO-based observation*	
Crisis information	Flood trace		ha		1.7
	Flooded area		ha		0.1
	Landslide		ha		1.4
	Maximum of all extents**		ha		3.2

				Destroyed	Damaged	Possibly damaged***	Total affected****	Total in AOI
Estimated population		Inhabitants	No.				~ 40	~ 1,200
Assets	Built-up	Unclassified	No.	1	0	2	3	75
	Transportation	Secondary Road	km	0	0	0	0	8.7
		Local Road	km	0	0.01	0.01	0.02	3.0
		Cart Track	km	0	0	0.2	0.2	2.7
	Facilities	Dams	ha	0	0	0	0	3.7
		Power plant constructions	ha	0	0	0	0	0.2
	Land use	Forests	ha				1.7	677.5
		Other	ha				0.7	69.4
		Inland wetlands	ha				0.5	29.7
		Shrub and/or herbaceous vegetation association	ha				0.4	36.0
		Heterogeneous agricultural areas	ha				0	87.5

\* Corresponds to the water surface observed in the most recent satellite imagery, excluding permanent water.

\*\* Corresponds to the geographic union (and NOT the sum) of all Crisis Information layers.

\*\*\* It is intersected with the population and asset datasets to estimate the impacts.

\*\*\*\* 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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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 (2025); Wikimapia.org; GeoNames 2015; Global Administrative Areas (2022), refined by the producer, 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, 2021.

Digital Elevation Model:

FABDEM (ForestAndBuildingsremovedCopernicusDEM) removes building and tree height biases from the Copernicus GLO 30

Digital Elevation Model (DEM) (Airbus, 2020).

Access to the portal

