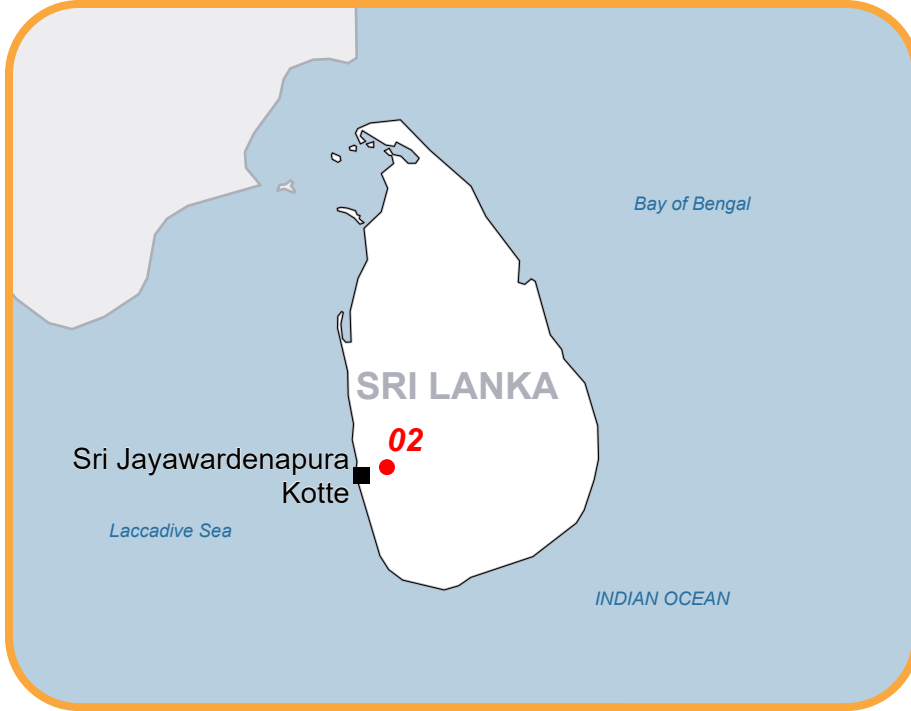


Situation as of 03/12/2025 07:06 UTC
Delineation MONIT01 - Overview map 01



Flooded area
EO-based 688.3 ha
Model-based 2,108.1 ha

Potentially affected population
~ 95,300

Potentially Affected Built-up and Transportations

Built-Up
109.8 ha

Road
204.6 km

Estimated flood depth (m)

Below 0.50
0.50 to 1.00
1.00 to 2.00
2.00 to 4.00
Above 4.00

Flood trace

General Information

Area of Interest

Not Analysed

Administrative Boundaries

Region

Province

Placenames

Placename

Built-Up Area

Residential

Non residential

School, university and research buildings

Hospital or institutional care buildings

Military

Hydrography

Lake, River

Facilities

Long-distance pipelines or lines

Water or Aquatic infrastructure

Mining or extraction site

Power plant

Sport and recreation constructions

Dump Site

Water or Aquatic infrastructure

Transportation

Highway

Main road

Track

Railway

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.

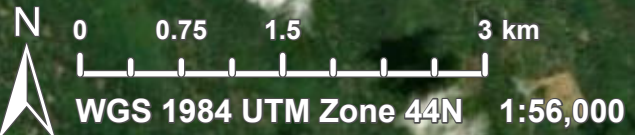
Data sources and analysis: Pre-event image: ESRI World Imagery © DigitalGlobe (acquired on 24/01/2024, resolution 2.5 m).
Post-event image: Legion © Vantor (2025), provided by European Space Imaging (acquired on 03/12/2025 at 07:06 UTC, resolution 2 m).
This image is used as background image.
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The thematic layer has been derived by means of visual interpretation.

The flooded area corresponds to the water observed in the most recent satellite imagery, excluding the permanent water.
An extrapolated flood extent is generated by integrating observed flood areas with a Digital Terrain Model (DTM). The model's accuracy and spatial coverage depend on DTM resolution and quality, enabling the prediction of potentially flooded areas in regions with limited visibility in imagery, such as urban and forested zones.

Map produced by GAF AG released by e-GEOS on the 03/12/2025.

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*	Model-based observation	EO- and Model-based observation
Crisis Information	Flood trace		ha	122.9	0	122.9
	Flooded area		ha	688.3	2,108.1	2,796.4
	Maximum of all extents**		ha	811.2	2,108.1	2,919.4

				POTENTIALLY AFFECTED		TOTAL POTENTIALLY AFFECTED	Total in AOI
Estimated population		Inhabitants	No.	~ 9,300	~ 86,000	~ 95,300	~ 810,000
Assets	Built-up	Residential Buildings	ha	4.0	25.9	29.8	323.7
		Office buildings	ha	0	11.3	11.3	23.2
		Wholesale and retail trade buildings	ha	0	0	0	1.2
		Industrial buildings	ha	14.3	48.4	62.8	461.5
		School, university and research buildings	ha	1.4	4.3	5.7	41.8
		Hospital or institutional care buildings	ha	0	0	0	8.2
		Military	ha	0	0	0	36.0
		Cemetery	ha	0	0.1	0.1	5.6
	Transportation	Highways	km	0.6	20.3	21.0	83.1
		Primary Road	km	1.7	7.5	9.2	55.5
		Secondary Road	km	2.4	9.6	12.1	98.4
		Local Road	km	22.3	118.1	140.4	1,310.2
		Cart Track	km	7.0	15.1	22.0	186.2
		Long-distance railways	km	0	6.5	6.5	47.2
	Facilities	Settling Basin	ha	0	0.3	0.3	11.1
		Constructions for mining or extraction	ha	8.3	5.2	13.5	79.1
		Power plant constructions	ha	0	4.5	4.5	24.2
		Sport and recreation constructions	ha	0.1	0.9	1.1	19.6
		Other civil engineering works not elsewhere classified	ha	0	0.01	0.01	12.9
		Long-distance pipelines, communication and electricity lines	km	4.6	12.0	16.6	108.7
		Breakwater	km	0	0.4	0.4	0.6
	Land use	Forests	ha	558.3	927.3	1,485.6	13,675.4
		Other	ha	233.0	1,088.3	1,321.2	9,595.3
		Heterogeneous agricultural areas	ha	17.9	68.7	86.6	272.6
		Inland wetlands	ha	1.7	10.5	12.2	51.7
		Shrub and/or herbaceous vegetation association	ha	0.4	13.3	13.7	62.4

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

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

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

