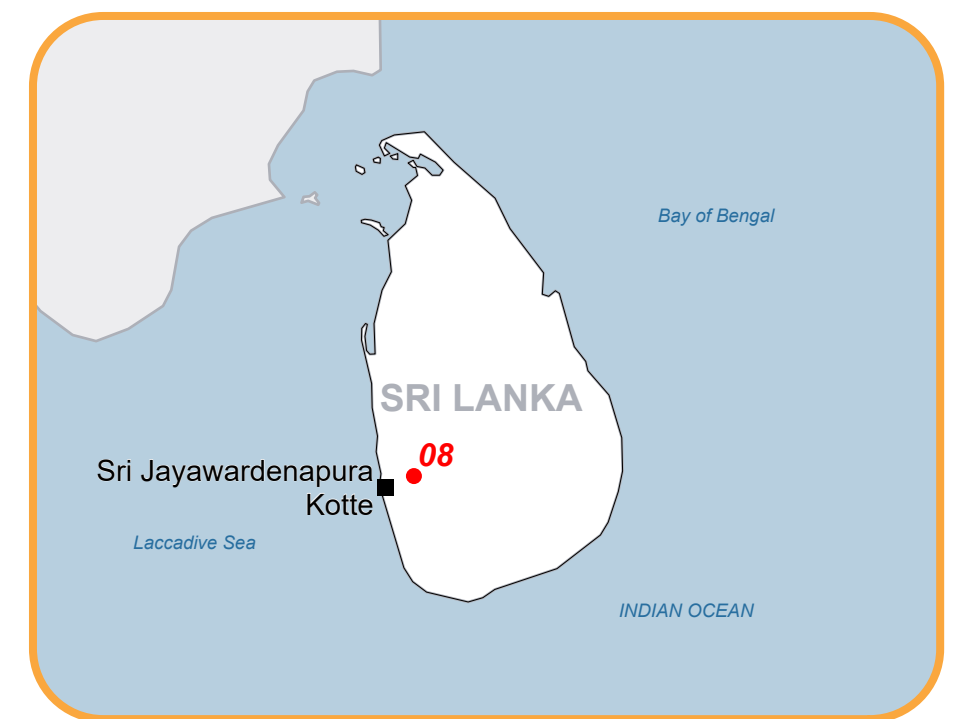




EMSR851 - AOI08
Flood in Sri Lanka
PUGODA

Situation as of 05/12/2025 05:02 UTC
Grading - Overview map 01





Flood trace
11.1 ha



Flooded area
35.5 ha



Potentially affected
population
~ 200

Affected Built-up and Transportations







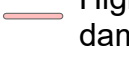



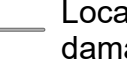
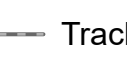






Built-Up
59 No.



Road
1.0 km

Crisis Information


-  Flooded Area
-  Flood trace
- Built Up Grading**
 -  Damaged
 -  Possibly damaged
- Transportation Grading**
 -  Road, Damaged
 -  Road, Possibly damaged
 -  Highway, No visible damage
 -  Main road, No visible damage

-  Local road, No visible damage
-  Track, No visible damage
- General Information**
 -  Area of Interest
 -  Detail map
 -  Not Analysed
- Administrative Boundaries**
 -  Region
- Placenames**
 -  Placename
- Hydrography**
 -  Lake, River

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 1.0 m). Post-event image: Pleiades-1A/B © CNES (2025), distributed by Airbus DS (acquired on 05/12/2025 at 05:02 UTC, resolution 0.5 m). This image is used as background image. All images are provided under COPERNICUS by the European Union and ESA, all rights reserved.


The thematic layer has been derived from post-event satellite image using a semi-automatic approach.

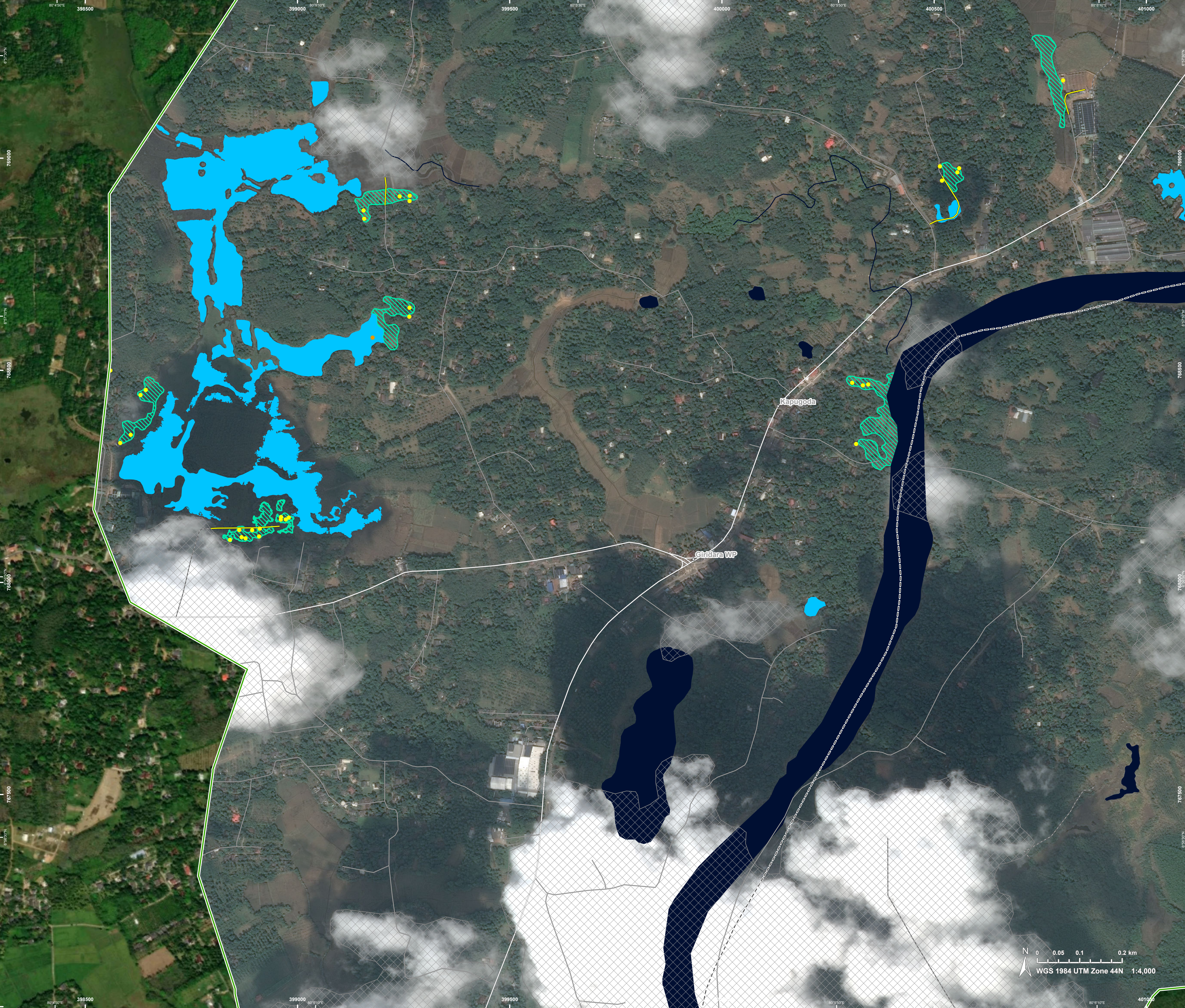


0 0.3 0.6 1.2 km
WGS 1984 UTM Zone 44N 1:20,000

Map produced by Telespazio Iberica released by SERTIT on the 05/12/2025.

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





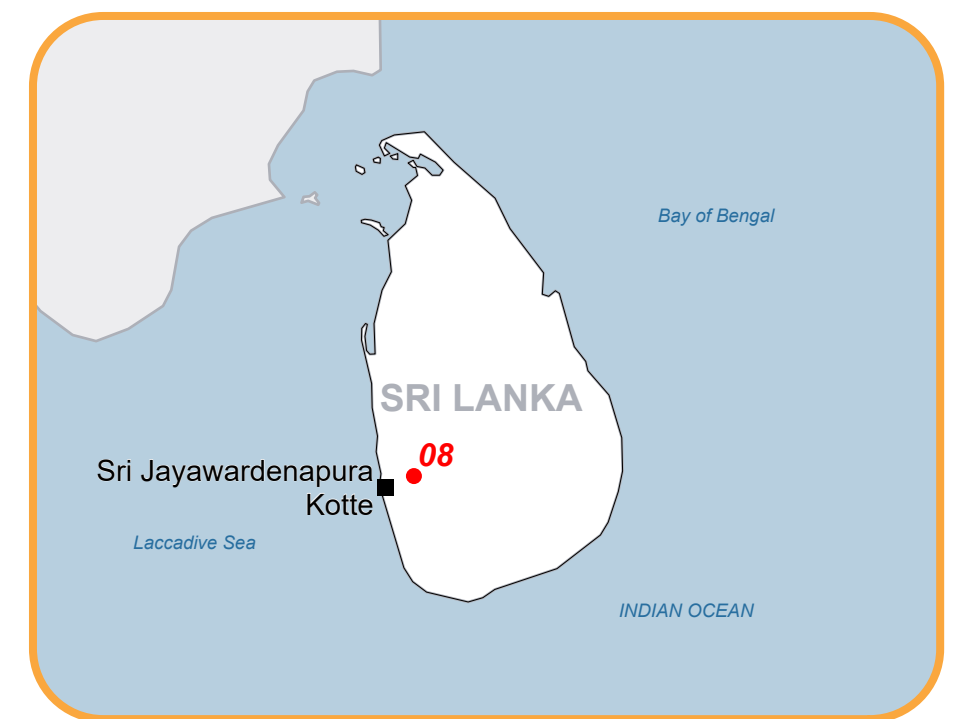




EMSR851 - AOI08



Flood in Sri Lanka




PUGODA



Situation as of 05/12/2025 05:02 UTC
Grading - Detail map 02





- Crisis Information**
 -  Flooded Area
 -  Flood trace


Built Up Grading
 -  Damaged
 -  Possibly damaged


Transportation Grading
 -  Road, Possibly damaged
 -  Main road, No visible damage
 -  Local road, No visible damage

General Information
 -  Area of Interest
 -  Not Analysed

Administrative Boundaries
 -  Region

Placenames
 -  Placename

Hydrography
 -  Lake, River


 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.

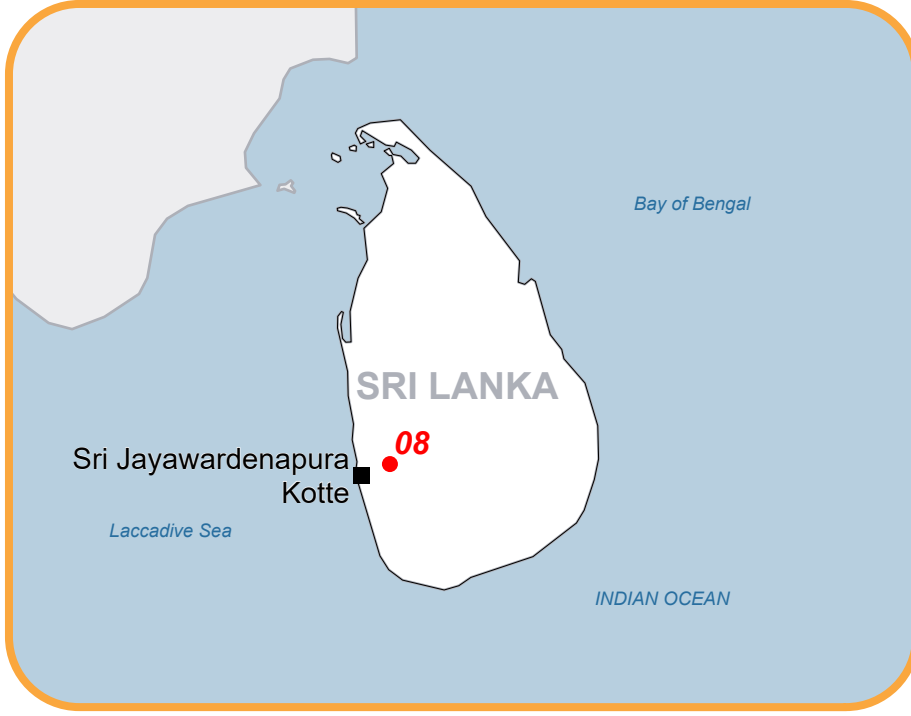
Data sources and analysis: Pre-event image: ESRI World Imagery © DigitalGlobe (acquired on 24/01/2024, resolution 1.0 m). Post-event image: Pleiades-1A/B © CNES (2025), distributed by Airbus DS (acquired on 05/12/2025 at 05:02 UTC, resolution 0.5 m). This image is used as background image. All images are provided under COPERNICUS by the European Union and ESA, all rights reserved.

The thematic layer has been derived from post-event satellite image using a semi-automatic approach.









 EMSR851 - AOI08
Flood in Sri Lanka
PUGODA





Situation as of 05/12/2025 05:02 UTC
Grading - Detail map 03



- Crisis Information**

 -  Flooded Area
 -  Flood trace
 - Built Up Grading**
 -  Possibly damaged
 - Transportation Grading**
 -  Main road, No visible damage
 -  Local road, No visible damage
-  Track, No visible damage

General Information

 -  Not Analysed
 - Administrative Boundaries**
 -  Region
 - Placenames**
 -  Placename
 - Hydrography**
 -  Lake, River


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.

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The thematic layer has been derived from post-event satellite image using a semi-automatic approach.

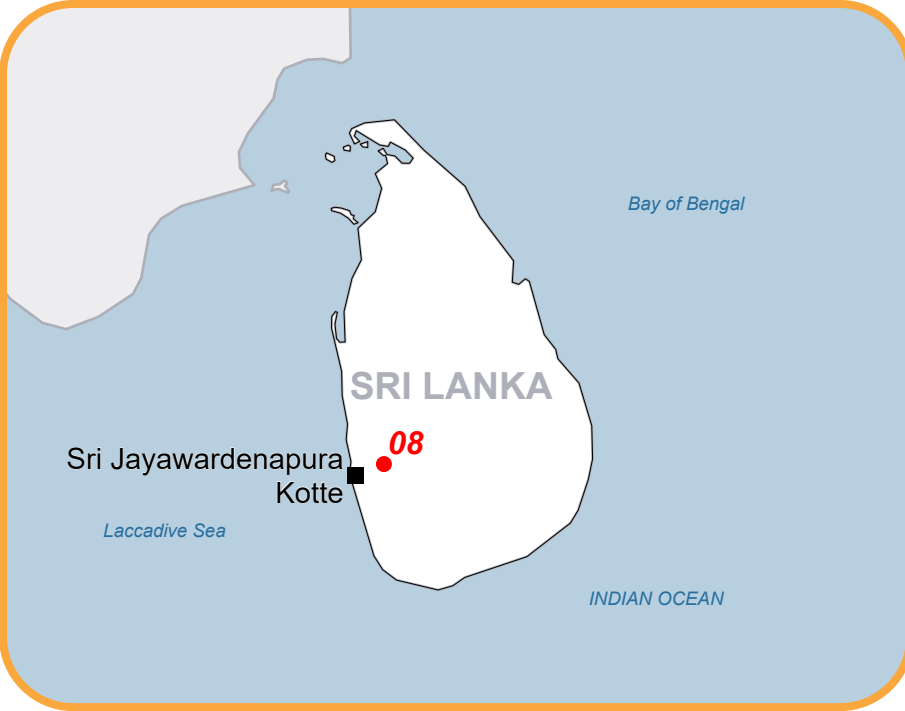
Map produced by Telespazio Iberica released by SERTIT on the 05/12/2025.

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



EMSR851 - AOI08
Flood in Sri Lanka
PUGODA

Situation as of 05/12/2025 05:02 UTC
Grading - Detail map 04



Crisis Information

- Flooded Area
- Flood trace
- Built Up Grading**
- Possibly damaged
- Transportation Grading**
- Road, Possibly damaged
- Highway, No visible damage
- Main road, No visible damage
- Local road, No visible damage

- Track, No visible damage
- General Information**
- Area of Interest
- Not Analysed
- Administrative Boundaries**
- Region
- Placenames**
- Placename
- Hydrography**
- Lake, River

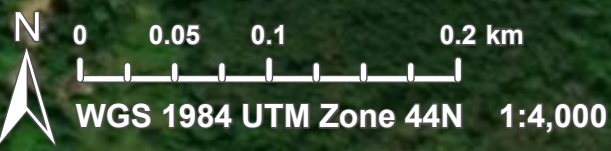
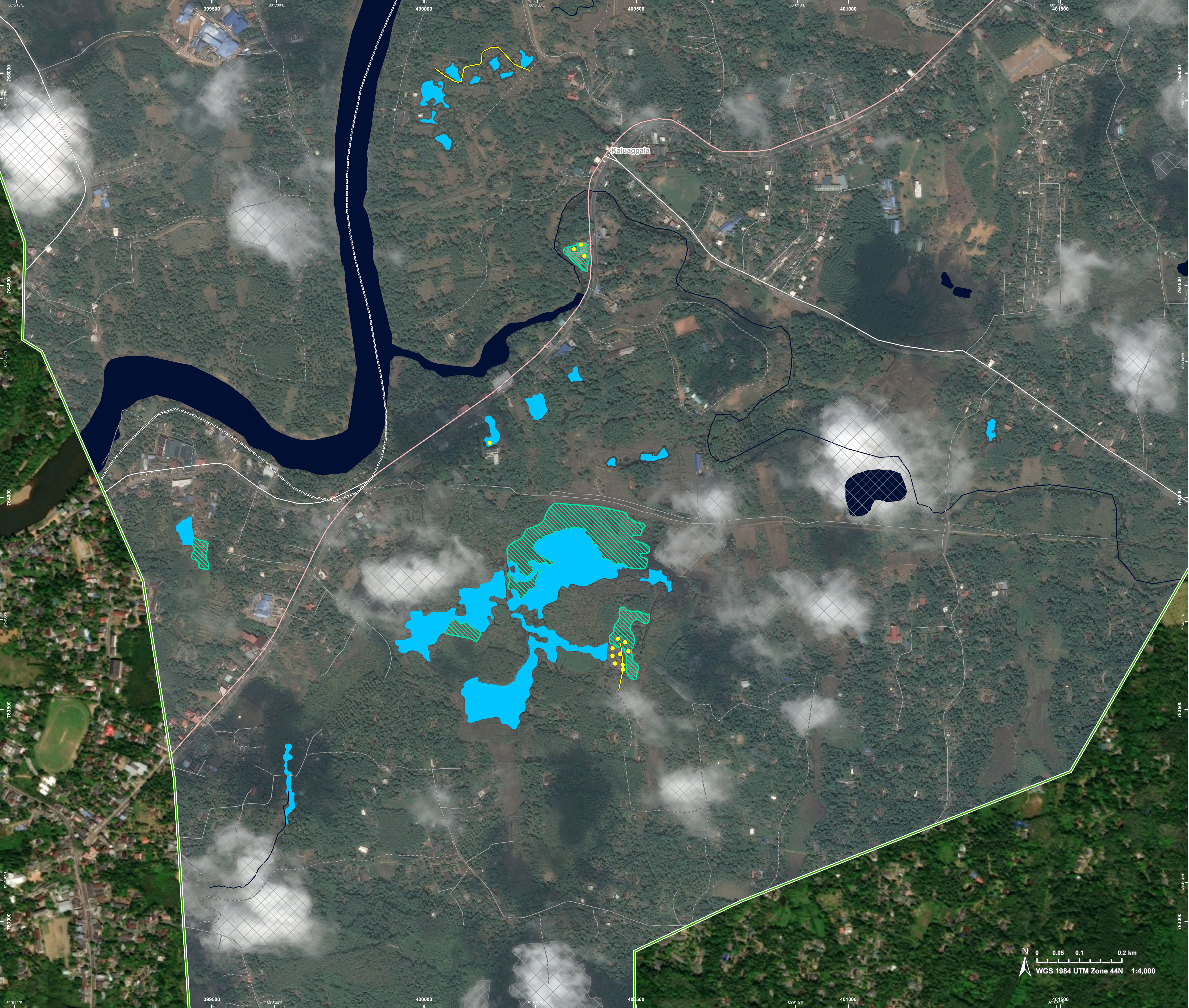
Event: On the 27 November 2025, Tropical Cyclone DITWAH-25 formed over Sri Lanka. The event has caused heavy damage across the country, with floods, landslides and mudslides reported. Copernicus EMS Rapid Mapping is requested to provide flood extent and damage assessment emergency mapping.

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Consequences within the AOI

					LATEST IMPACT	
				Unit of measurement	EO-based observation*	
Crisis information	Flood trace			ha		11.1
	Flooded area			ha		35.5
	Maximum of all extents**			ha		46.6

Estimated population		Inhabitants	No.	Destroyed	Damaged	Possibly damaged***	Total affected****	Total in AOI
Assets		Built-up	No.				~ 200	~ 40,000
		Residential Buildings	No.	0	1	57	58	9,670
		Industrial buildings and warehouses	No.	0	0	1	1	1
	Transportation	Highways	km	0	0	0	0	4.8
		Primary Road	km	0	0	0	0	1.2
		Secondary Road	km	0	0	0	0	13.5
		Local Road	km	0	0.04	0.4	0.5	108.8
		Cart Track	km	0	0	0.6	0.6	43.0
	Facilities	Constructions for mining or extraction	ha	0	0	0	0	2.0
		Long-distance pipelines, communication and electricity lines	km	0	0	0	0	13.1
	Land use	Forests	ha				45.8	3,631.1
		Other	ha				0.8	238.7
		Heterogeneous agricultural areas	ha				0	7.2

* 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

