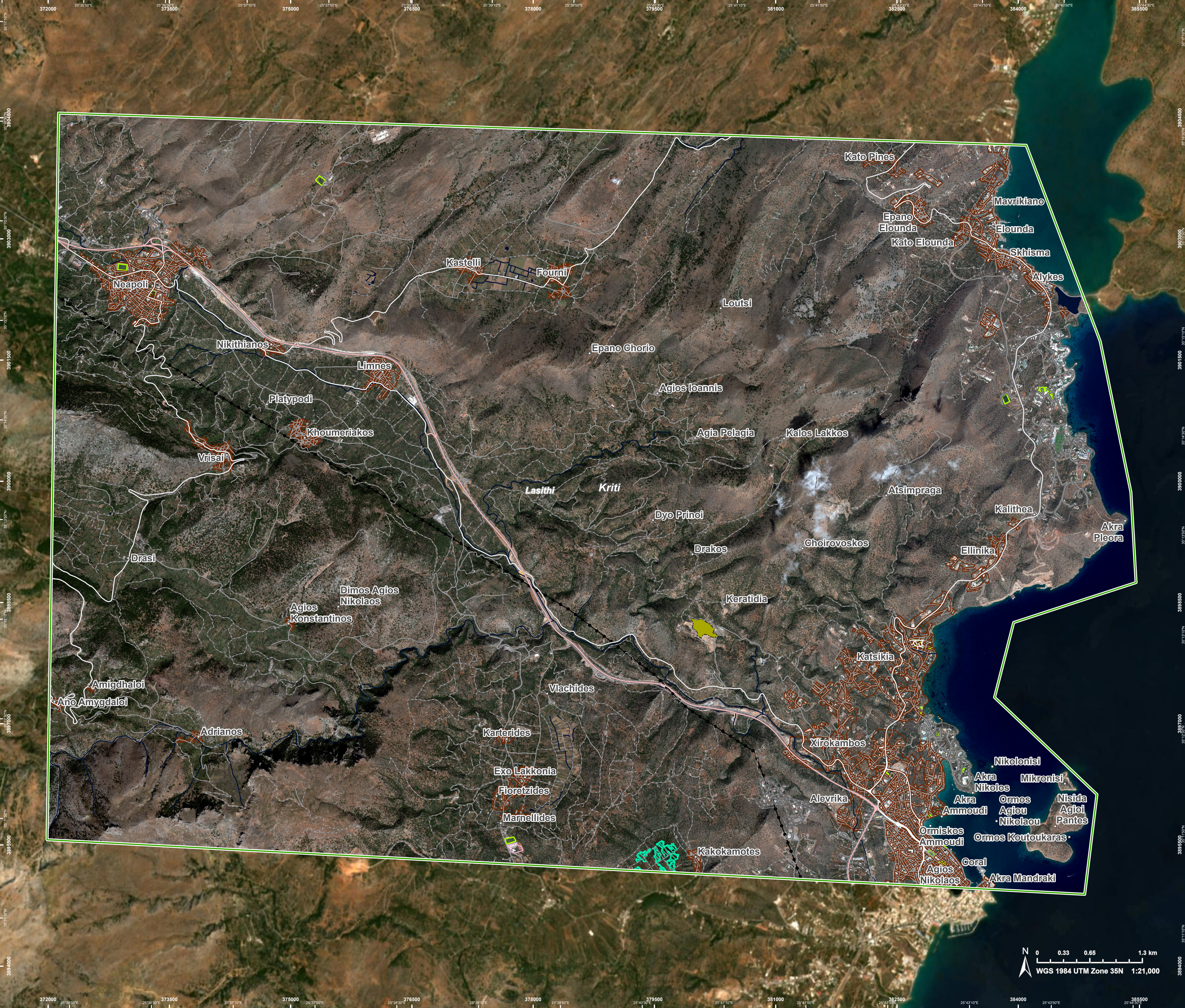


Situation as of 08/10/2026 08:55 UTC
Delineation MONIT01 - Overview map 01



Potentially Affected Transportations



Crisis Information	Facilities
Flood trace	Long-distance pipelines or lines
Mudflow	Power plant
Area of Interest	Sport and recreation constructions
General Information	Dump Site
Built-Up Area	Water or Aquatic infrastructure
Residential	Transportation
Non residential	Highway
School, university and research buildings	Main road
Hydrography	Local road
Lake, River	Track
Placename	Helipad

Event: On 01 October 2026, a severe rainfall and flooding event was reported to have affected Crete, Greece. The event is ongoing and increasing, with damage reported to affect buildings, critical infrastructure, transportation networks, agricultural areas and private properties. Copernicus EMS Rapid Mapping is requested to provide flood extent and damage assessment emergency mapping.

Data sources and analysis: Pre-event image: PlanetScope © Planet, 2026 (acquired on 22/09/2026 at 09:49 UTC, resolution 3.0 m). Post-event image: Legion © Vantor (2026), provided by European Space Imaging (acquired on 08/10/2026 at 08:55 UTC, resolution 2.0 m). This image is used as background image.

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

The flooded area corresponds to the water observed in the most recent satellite imagery, excluding the permanent water. The extrapolated flood extent and depth are generated by integrating observed flooded 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.



Consequences within the AOI

				LATEST IMPACT		
			Unit of measurement	Imagery-based observation*	Model-based output	Imagery- and Model-based results
Crisis information	Mudflow		ha	0.2		0.2
	Flood trace		ha	5.7		5.7
	Maximum of all extents**		ha	5.9		5.9

				POTENTIALLY AFFECTED		TOTAL POTENTIALLY AFFECTED	Total in AOI
Estimated population		Inhabitants	No.	NA		NA	~ 13,000
Assets	Built-up	Residential Buildings	ha	0		0	316.6
		Industrial buildings	ha	0		0	12.2
		School, university and research buildings	ha	0		0	1.4
		Sports halls	ha	0		0	125.9
		Cemetery	ha	0		0	2.4
		Building block	ha	0		0	13.4
	Transportation	Helipad	ha	0		0	0.1
		Highways	km	0		0	16.3
		Primary Road	km	0		0	18.8
		Secondary Road	km	0		0	35.8
		Local Road	km	0		0	235.0
		Cart Track	km	0.4		0.4	320.6
	Facilities	Breakwater	ha	0		0	0.3
		Power plant constructions	ha	0		0	0.2
		Sport and recreation constructions	ha	0		0	7.1
		Other civil engineering works not elsewhere classified	ha	0		0	4.4
		Long-distance pipelines, communication and electricity lines	km	0		0	12.0
	Land use	Permanent crops	ha	5.8		5.8	3,306.6
		Shrub and/or herbaceous vegetation association	ha	0.1		0.1	6,041.2
		Heterogeneous agricultural areas	ha	0		0	882.0
		Open spaces with little or no vegetation	ha	0		0	66.6
		Other	ha	0		0	1,280.2

* 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 (2026); Wikimapia.org; GeoNames 2015;
© EuroGeographics, © TurkStat. Source: European Commission – Eurostat/GISCO, 2024.
Corine Land Cover (CLC) 2018.

Inset Maps: Natural Earth 2023; HydroLAKES 2016 by HydroSHEDS;
© EuroGeographics, © TurkStat. Source: European Commission – Eurostat/GISCO, 2024.

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

