

EMSR815 - AOI01
Wildfire in Greece
KASTANIA

Situation as of 24/07/2025 09:05 UTC
Delineation MONIT01 - Overview map 01





Burnt area 1,590.6 ha




Potentially affected population ~ 50

Potentially Affected Built-up and Transportations



Road
22.7 km



Built-Up
4.1 ha

Crisis Information




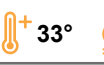
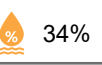
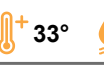



- Burnt area
- Area of Interest
- Detail map
- Placenames
 - Placename
- Built-Up Area
 - Residential
 - Non residential

Hydrography

- Lake, River
- Power plant

Transportation

- Main road
- Local road
- Track

	Current		Forecast	
	Jul 24, 09:05 UTC		Jul 25, 09:05 UTC	Jul 26, 09:05 UTC
Wind direction and speed	 9 km/h		 11 km/h	 15 km/h
Temperature and relative Humidity	 33°  34%		 33°  26%	 31°  30%

Data retrieved from ECMWF on Jul 24, 09:05 UTC. Calculated at: 37.948°N, 22.614°E.

Event: On the afternoon of 22 July 2025 at 13:20 UTC, a serious wildfire started in the Northern Peloponnese, at Corinthia near Kastania village, Greece. The event is on-going and spreading. The residents of Kastania, Kionia, Stymfalia, Matziza, Orosopigi and Kasteri villages had to be evacuated. Copernicus EMS Rapid Mapping is requested to provide wildfire initial rough estimation, wildfire extent and monitoring emergency mapping.

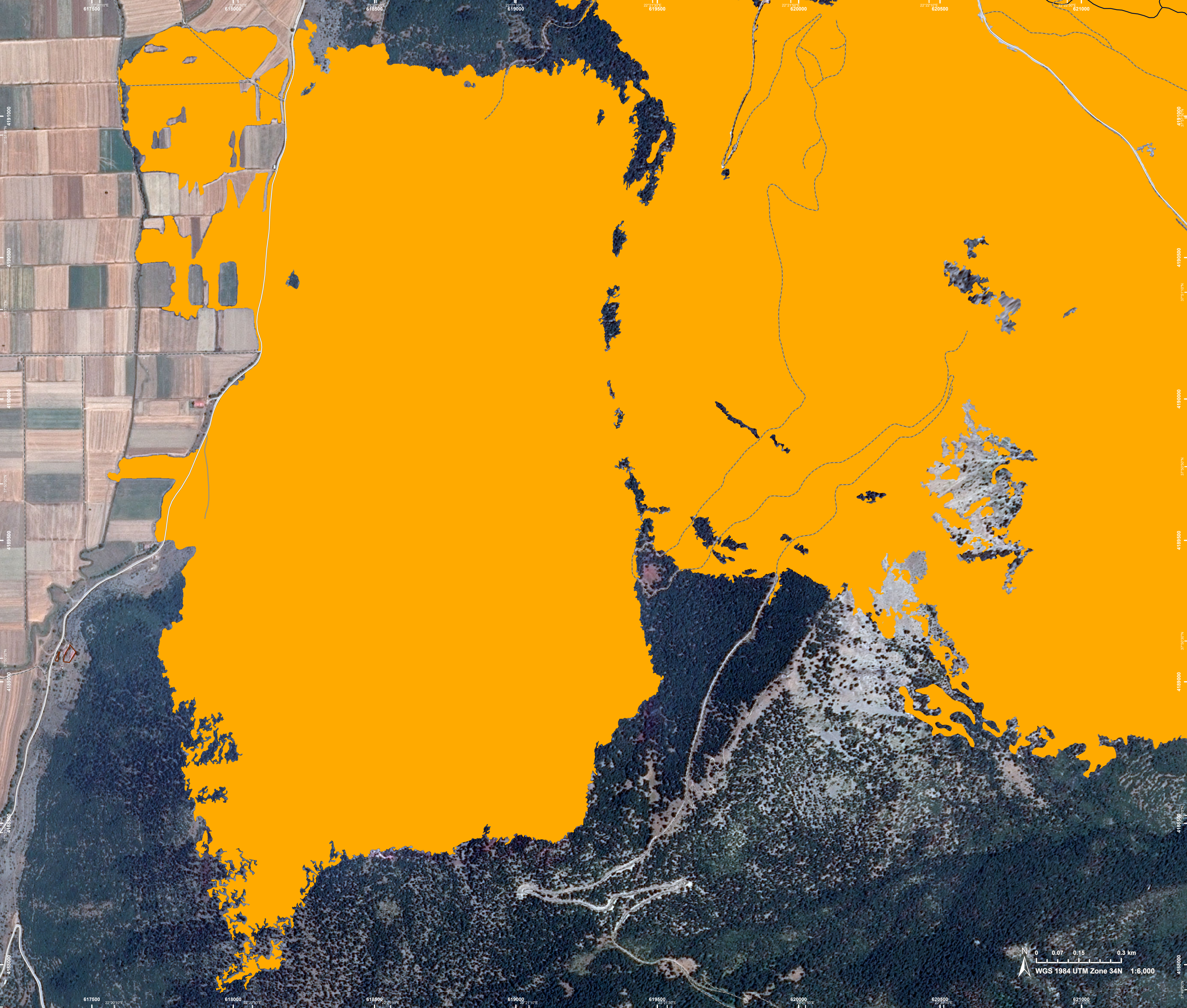
Data sources and analysis: Pre-event image: Sentinel-2A/B (2025) (acquired on 16/07/2025 at 09:20 UTC, resolution 10.0 m). Post-event image: SPOT6/7 © Airbus DS (2025), (acquired on 24/07/2025 at 09:05 UTC, resolution 1.5 m). This image is used as background image. All images are provided under COPERNICUS 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.

Map produced by Telespazio Iberica released by SERTIT on the 24/07/2025.

Details on this activation and service conditions available through the QR code or at the link: <https://mapping.emergency.copernicus.eu/activations/EMSR815>







EMSR815 - AOI01

Wildfire in Greece

KASTANIA

Situation as of 24/07/2025 09:05 UTC

Delineation MONIT01 - Detail map 02



Crisis Information

Burnt area

Area of Interest

Built-Up Area










Residential

Transportation

Main road

Local road

Track

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Consequences within the AOI				
		Unit of measurement	Affected	Total in AOI
Burnt area		ha		1,590.6
Estimated population		Number of inhabitants	~ 50	~ 1,000
Built-up	Residential Buildings	ha	3.9	67.3
	Other non-residential buildings	ha	0.2	2.7
Transportation	Secondary Road	km	4.1	39.3
	Local Road	km	3.3	71.0
	Cart Track	km	15.3	249.9
Facilities	Power plant constructions	ha	0.3	0.3
Land use	Forests	ha	862.0	3,525.5
	Shrub and/or herbaceous vegetation association	ha	463.8	5,826.3
	Heterogeneous agricultural areas	ha	105.4	1,226.3
	Pastures	ha	60.9	388.3
	Open spaces with little or no vegetation	ha	48.4	668.2
	Arable land	ha	41.7	2,259.1
	Other	ha	8.3	68.3
	Inland wetlands	ha	0	8.2

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.

Access to 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; Corine Land Cover (CLC) 2018; © EuroGeographics, © TurkStat. Source: European Commission – Eurostat/GISCO, 2021.

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).



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