

EMSR833 - AOI01
Wildfire in Greece
AGIOS STEFANOS

Situation as of 13/08/2025 09:41 UTC
Delineation - Overview map 01



Burnt area
1,905.3 ha

Potentially affected
population
~ 550










Potentially Affected Built-up and Transportations

Built-Up
48.1 ha

Road
81.9 km

Railway
0.7 km

- Crisis Information**
- Burnt area
- General Information**
- Area of Interest
- Administrative Boundaries**
- International Boundary
- Placenames**
- Placename
- Built-Up Area**
- Residential
 - Non residential
 - School, university and research buildings
 - Hospital or institutional care buildings
- Hydrography**
- Lake, River
- Facilities**
- Mining or extraction site
 - Power plant
 - Sport and recreation constructions
- Transportation**
- Highway
 - Main road
 - Local road
 - Track
 - Railway

	Current		Forecast	
	13 August 09:41 UTC	14 August 09:41 UTC	14 August 10:00 UTC	15 August 10:00 UTC
Wind direction and speed	 17 km/h	 10 km/h	 12 km/h	
Temperature and relative Humidity	 33°  27%	 30°  35%	 30°  34%	

Data retrieved from ECMWF on August 13, 09:41 UTC. Calculated at: 38.11°N, 21.60°E.

Event: On the 12 August 2025 at 09:40, a wildfire is reported to have affected Western Greece region. The event is on-going and it is increasing rapidly, threatening the settlements of of Agios Stefanos, Agios Nikolaos, Krali, Katsaitika, Kato Mazaraki, Thomeika and Kapeli. Residents of those settlements had to be evacuated. 40 firefighters with 27 vehicles, 2 airplanes and 5 helicopters were used for fire suppression, assisted by municipality vehicles and volunteer organizations. Copernicus EMS Rapid Mapping is requested to provide initial rough estimation and wildfire extent emergency mapping.

Data sources and analysis: Pre-event image: Sentinel-2A/B (2025) (acquired on 10/08/2025 at 09:20 UTC, resolution 10.0 m).
Post-event, image: WorldView-2 © Maxar Technologies, Inc. (2025), (acquired on 13/08/2025 at 09:41 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.

Map produced by IABG released by SERTIT on the 21/08/2025.

Details on this activation and service conditions available through the QR code or at the link: <https://mapping.emergency.copernicus.eu/activations/EMSR833>

Consequences within the AOI				
	Unit of measurement	Affected	Total in AOI	
Burnt area	ha		1,905.3	
Estimated population	Number of inhabitants	~ 550	~ 20,000	
Built-up	Residential Buildings	ha	15.9	881.7
	Office buildings	ha	0.1	0.5
	Wholesale and retail trade buildings	ha	0	0.9
	Industrial buildings	ha	32.0	373.1
	School, university and research buildings	ha	0	4.7
	Hospital or institutional care buildings	ha	0	0.2
	Cemetery	ha	0.1	7.8
Transportation	Highways	km	0.1	18.8
	Primary Road	km	0	12.9
	Secondary Road	km	2.3	75.3
	Local Road	km	16.7	524.8
	Cart Track	km	62.9	559.4
	Long-distance railways	km	0.7	14.5
Facilities	Constructions for mining or extraction	ha	3.3	15.2
	Power plant constructions	ha	0.2	17.7
	Sport and recreation constructions	ha	0.01	9.9
	Long-distance pipelines, communication and electricity lines	km	0.1	53.3
Land use	Heterogeneous agricultural areas	ha	840.7	8,852.0
	Permanent crops	ha	550.2	7,610.1
	Shrub and/or herbaceous vegetation association	ha	432.4	2,608.1
	Arable land	ha	47.6	1,085.9
	Other	ha	34.4	1,190.7
	Forests	ha	0	162.1
	Open spaces with little or no vegetation	ha	0	35.9

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. 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).



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