



EMSR821 - AOI01
Wildfire in Peloponnese, Greece
AETOS

Situation as of 28/07/2025 09:13 UTC
Delineation MONIT01 - Overview map 01



Burnt area
650.2 ha

Potentially affected population
~ 20

Potentially Affected Built-up and Transportations

Built-Up
4.2 ha

Road
10.2 km

- Crisis Information**
- Burnt area
 - Previous burnt area
- General Information**
- Area of Interest
 - Not Analysed
- Placenames**
- Placename
- Built-Up Area**
- Residential
 - Non residential
- Hydrography**
- School, university and research buildings
 - Lake, River
- Facilities**
- Mining or extraction site
 - Sport and recreation constructions
- Transportation**
- Main road
 - Local road
 - Railway

	Current	Forecast	
	Jul 28, 09:13 UTC	Jul 29, 09:13 UTC	Jul 30, 09:13 UTC
Wind direction and speed	22 km/h	16 km/h	18 km/h
Temperature and relative Humidity	27° 56%	28° 61%	26° 67%

Data retrieved from ECMWF on Jul 28, 09:13 UTC. Calculated at: 37.238°N, 21.787°E.

Event: On the 26 July 2025 at 15:08 (CET), a wildfire is reported to have affected the area very close to Aetos in Peloponnese Region, Greece. The fire expanded rapidly; residents of Aetos and Monastiri had to be evacuated, and a 112 cell-broadcasting message was sent for this purpose. Ground forces and aerial means are used for fire suppression, assisted by municipality vehicles and volunteer organizations. Copernicus EMS Rapid Mapping is requested to provide initial rough estimation and fire extent emergency mapping.

Data sources and analysis: Pre-event image: Sentinel-2A/B (2025) (acquired on 21/07/2025 at 09:20 UTC, resolution 10.0 m). Post-event image: GeoEye © Maxar Technologies, Inc. (2025), (acquired on 28/07/2025 at 09:13 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 current burnt area cumulates all burnt area extents from previous post-event products.

Map produced by Planetek Hellas released by e-GEOS on the 28/07/2025.

Details on this activation and service conditions available through the QR code or at the link: <https://mapping.emergency.copernicus.eu/activations/EMSR821>

Consequences within the AOI				
		Unit of measurement	Affected	Total in AOI
Burnt area		ha		650.2
Estimated population	Number of inhabitants		~ 20	~ 3,600
Built-up	Residential Buildings	ha	4.1	235.0
	School, university and research buildings	ha	0	1.1
	Cemetery	ha	0.1	3.9
Transportation	Primary Road	km	0.3	17.4
	Secondary Road	km	3.4	48.1
	Local Road	km	1.5	179.1
	Cart Track	km	5.0	339.2
	Long-distance railways	km	0	15.5
Facilities	Constructions for mining or extraction	ha	0	2.5
	Sport and recreation constructions	ha	0	1.6
Land use	Shrub and/or herbaceous vegetation association	ha	450.2	7,781.1
	Heterogeneous agricultural areas	ha	144.9	4,835.4
	Forests	ha	42.8	1,490.9
	Arable land	ha	11.7	339.3
	Permanent crops	ha	0.6	3,681.0
	Pastures	ha	0	416.6
	Other	ha	0	146.8

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;

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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