

EMSR818 - AOI01

Wildfire in Kythira Island, Greece

KYTHIRA

Situation as of 28/07/2025 09:13 UTC

Delineation MONIT01 - Overview map 01



 Burnt area
2,753.7 ha

 Potentially affected population
~ 80

Potentially Affected Built-up and Transportations

 Built-Up
21.7 ha

 Road
54.9 km

Crisis Information

- Burnt area
- Previous burnt area

General Information

- Area of Interest

Administrative Boundaries

- International Boundary

Placenames

- Placename

Built-Up Area










- Residential
- Non residential

Hydrography

- Lake, River
- Mining or extraction site
- Water Well
- Sport and recreation constructions
- Dump Site

Transportation

- Main road
- Local road
- Airfield runway
- Airfield

	Current	Forecast	
	Jul 28, 09:13 UTC	Jul 29, 09:13 UTC	Jul 30, 09:13 UTC
Wind direction and speed	 33 km/h	 27 km/h	 20 km/h
Temperature and relative Humidity	 30°  61%	 30°  72%	 29°  70%

Data retrieved from ECMWF on Jul 28, 09:13 UTC. Calculated at: 36.287°N, 23.01°E.

Event On the 26 July 2025, a wildfire is reported to have affected Attika Region, Greece. The event is on-going and spreading. A large number of firefighters, ground forces, volunteers supported by aerial means were mobilized to suppress the fire. Copernicus EMS Rapid Mapping is requested to provide initial rough estimation and wildfire extent emergency mapping.

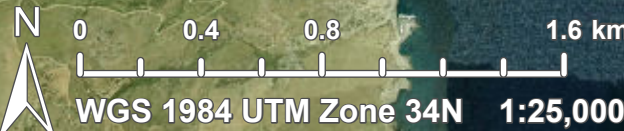
Data sources and analysis: Pre-event image: Sentinel-2A/B (2025) (acquired on 23/07/2025 at 09:06 UTC, resolution 10.0 m). Post-event image: WorldView-2 © Maxar Technologies, Inc. (2025), (acquired on 28/07/2025 at 09:13 UTC, resolution 2.0 m). This image is used as background image. All images are provided 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.

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/EMSR818>



Consequences within the AOI				
		Unit of measurement	Affected	Total in AOI
Burnt area		ha		2,753.7
Estimated population	Number of inhabitants		~ 80	~ 1,800
Built-up	Residential Buildings	ha	21.6	730.0
	Cemetery	ha	0.1	1.5
Transportation	Airfield runways	ha	0	17.5
	Airfield runways	km	0	0.4
	Primary Road	km	1.1	2.1
	Secondary Road	km	7.0	63.0
	Local Road	km	10.3	130.3
	Cart Track	km	36.5	243.2
Facilities	Constructions for mining or extraction	ha	0.2	13.0
	Sport and recreation constructions	ha	0	0.4
	Other civil engineering works not elsewhere classified	ha	1.4	6.0
Land use	Open spaces with little or no vegetation	ha	1,700.8	3,456.6
	Shrub and/or herbaceous vegetation association	ha	490.0	3,658.1
	Permanent crops	ha	174.8	1,214.8
	Arable land	ha	153.4	665.3
	Heterogeneous agricultural areas	ha	128.4	2,135.6
	Pastures	ha	95.6	1,360.1
	Other	ha	10.7	620.9
	Forests	ha	0	129.9

Disclaimer:

Full disclaimer and other helpful information available in the online manual:

<https://mapping.emergency.copernicus.eu/about/rapid-mapping-manual/>

© European Union / Copernicus Emergency Management Service

Access to the portal

**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;
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).



PROGRAMME OF THE
EUROPEAN UNION

