




EMSR834 - AOI01
Wildfire in Greece
VOLISSOS

Situation as of 13/08/2025 09:03 UTC
Delineation - Overview map 01





Active Flames 18 No.
Fire Fronts 2.0 km
Burnt area 4,246.6 ha



Potentially affected population
~ 200

Potentially Affected Built-up and Transportations





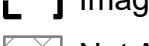




Road
90.5 km








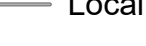
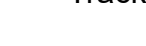
Built-Up
6.2 ha


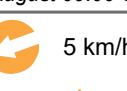

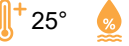
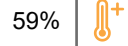




Crisis Information

-  Active Flames
-  Fire Fronts
-  Burnt area
- General Information**
-  Area of Interest
-  Image Footprint
-  Not Analysed
- Built-Up Area**
-  Residential

☐ Non residential

Hydrography

-  Lake, River
-  Mining or extraction site
-  Sport and recreation constructions
-  Water or Aquatic infrastructure
- Transportation**
-  Main road
-  Local road
-  Track

	Current		Forecast	
	13 August 09:00 UTC	14 August 09:00 UTC	14 August 09:00 UTC	15 August 09:00 UTC
Wind direction and speed	 10 km/h	 5 km/h	 6 km/h	
Temperature and relative Humidity	 25°  59%	 25°  60%	 23°  68%	

Data retrieved from ECMWF on August 13, 09:00 UTC. Calculated at: 38.31°N, 25.56°E.

Event: On the 12 August 2025 at 11:17 UTC, a wildfire was reported to have affected Chios Island, Greece, approximately 2 km north of the village Nea Potamia, rapidly spreading towards the settlements of Pirama, Parparia, Volissos, Limnia, Linnos, Chori, and Spartouda. The event is ongoing and it is spreading, with damage reported to affect buildings, infrastructure, and forested areas; residents from several settlements have been evacuated. Copernicus EMS Rapid Mapping is requested to provide wildfire extent and damage assessment emergency mapping.


Data sources and analysis: Pre-event image: Sentinel-2A (2025) (acquired on 11/08/2025 at 09:04 UTC, resolution 10 m).
Post-event image: Geoeye-1 © Maxar Technologies, Inc (2025), (acquired on 13/08/2025 at 09:03 UTC, resolution 1.2 m).
This image is used as background image.
All images are provided under COPERNICUS by the European Union and ESA, all rights reserved.

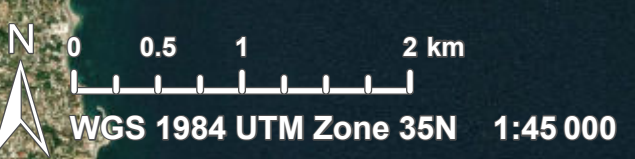
The thematic layer has been derived from post-event satellite image using a semi-automatic approach.

Due to dense smoke, the burnt area delineation is not complete.

Map produced by SERTIT released by e-GEOS on the 13/08/2025.

Details on this activation and service conditions available through the QR code or at the link: <https://mapping.emergency.copernicus.eu/activations/EMSR834>





Consequences within the AOI				
		Unit of measurement	Affected	Total in AOI
Burnt area		ha		4 246.6
Fire Fronts		km		2.0
Active Flames		No.		18
Estimated population		Number of inhabitants	~ 200	~ 4 900
Built-up	Residential Buildings	ha	6.2	123.1
	Cemetery	ha	0.01	1.8
Transportation	Primary Road	km	0	19.4
	Secondary Road	km	5.3	139.9
	Local Road	km	12.2	210.5
	Cart Track	km	72.9	834.5
Facilities	Breakwater	ha	0	0.1
	Constructions for mining or extraction	ha	0	31.5
	Sport and recreation constructions	ha	0	1.2
	Other civil engineering works not elsewhere classified	ha	0	16.8
Land use	Shrub and/or herbaceous vegetation association	ha	2 979.7	29 355.9
	Pastures	ha	580.5	1 187.9
	Permanent crops	ha	350.6	3 437.9
	Heterogeneous agricultural areas	ha	327.4	2 460.4
	Other	ha	7.9	6 753.1
	Open spaces with little or no vegetation	ha	0.4	3 898.1
	Forests	ha	0	1 134.2

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:

COP-DEM-EEA-10-R product © DLR e.V. (2014-2018) and

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