





EMSR834 - AOI01


Wildfire in Greece


VOLISSOS

Situation as of 14/08/2025 09:36 UTC


Delineation MONIT01 - Overview map 01



Active Flames 24 No.
Fire Fronts 1.7 km
Burnt area 6,476.5 ha





Potentially affected population ~ 250

Potentially Affected Built-up and Transportations

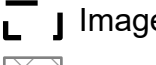


Road
159.3 km

Built-Up
9.1 ha


Crisis Information


- Active Flames
- Fire Fronts
- Burnt area
- Previous burnt area

General Information



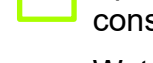
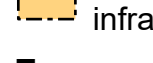
- Area of Interest
- Image Footprint
- Not Analysed

Built-Up Area


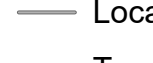

- Residential




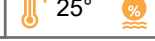



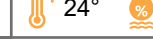
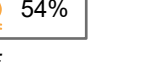
Non residential

Hydrography

- Lake, River
- Mining or extraction site
- Sport and recreation constructions
- Water or Aquatic infrastructure

Transportation

- Main road
- Local road
- Track

	Current		Forecast	
	14 August 09:00 UTC	15 August 09:00 UTC	15 August 09:00 UTC	16 August 09:00 UTC
Wind direction and speed	 8 km/h	 11 km/h	 19 km/h	
Temperature and relative Humidity	 25°  72%	 24°  73%	 24°  54%	

Data retrieved from ECMWF on August 14, 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, Limnos, 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: Legion © Maxar Technologies, Inc. (2025), (acquired on 14/08/2025 at 09:36 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.

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

The current burnt area cumulates all burnt area extents from previous post-event products.

Map produced by SERTIT released by e-GEOS on the 14/08/2025.

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		6 476.5
Fire Fronts		km		1.7
Active Flames		No.		24
Estimated population	Number of inhabitants		~ 250	~ 1 100
Built-up	Residential Buildings	ha	9.1	72.3
	Cemetery	ha	0.01	0.3
Transportation	Secondary Road	km	9.9	86.5
	Local Road	km	22.2	111.2
	Cart Track	km	127.1	554.9
Facilities	Breakwater	ha	0	0.1
	Constructions for mining or extraction	ha	0.3	5.9
	Sport and recreation constructions	ha	0	0.05
Land use	Shrub and/or herbaceous vegetation association	ha	4 961.3	15 638.3
	Pastures	ha	580.5	626.1
	Permanent crops	ha	561.6	2 344.9
	Heterogeneous agricultural areas	ha	361.9	1 411.7
	Other	ha	7.9	1 815.4
	Forests	ha	1.8	461.5
	Open spaces with little or no vegetation	ha	1.3	604.9

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.

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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Access to the portal



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