

GDACS ID: WF 1024111 Product version: 1

GLIDE number: WF-2025-000095-GRC Int. Charter Act. ID: N/A

Situation as of 24/06/2025 09:12 UTC

GDACS ID: WF 1024111 Product version: 1

Delineation MONIT01 - Detail map 02



Jun 24, 09:00 UTC | Jun 25, 09:00 UTC | Jun 26, 09:00 UTC 22 km/h 18 km/h

Data retrieved from ECMWF on Jun 24, 09:00 UTC. Calculated at: 38.316°N, 26.042°E.

Event: Late morning the 22 June 2025, three wildfires started on Chios Island, Greece. The event is on going and spreading rapidly which are fanned by strong winds. Many settlements have been evacuated. Copernicus EMS Rapid Mapping is requested to provide initial rough estimation and fire extent monitoring emergency mapping.

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. Active flames are visible in the cloud shadows even if the burnt area couldn't be properly delineated.

Map produced by Planetek Hellas released by SERTIT on the 25/06/2025.

Details on this activation and service conditions available through the QR code or at the link: https://mapping.emergency.copernicus.eu/activations/EMSR806





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Situation as of 24/06/2025 09:12 UTC Delineation MONIT01 - Detail map 03



Crisis Information

Active Flames

Fire Fronts

Burnt area

Area of Interest

	Current			
	Jun 24, 09:00 UTC	Jun 25, 09:00 UTC	Jun 26, 09:00 UTC	
Wind direction and speed	11 km/h	22 km/h	18 km/h	
Temperature and relative Humidity	 32°	∬ ⁺ 35° 👲 24%	<mark>∬</mark> +36° <u> </u>	

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Data sources and analysis: Pre-event image: Sentinel-2A/B (2025) (acquired on 20/06/2025 at 08:56 UTC, resolution 10.0 m).
Post-event image: Pléiades-1A/B © CNES (2025), distributed by Airbus DS (acquired on 24/06/2025 at 09:12 UTC, resolution 2.0 m).
This image is used as background image.
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0.06 km

WGS 1984 UTM Zone 35N 1:1,000

EMSR806 AOI: 01 Chios Delineation

Consequences within the	AOI			
	Unit of meas	surement	Affected	Total in AOI
Burnt area		ha		4,091.8
Fire Fronts		km		0.5
Active Flames		No.		34
Estimated population	Number of inhabitants		~ 400	~ 33,000
Built-up	Residential Buildings	ha	0.7	641.4
	Industrial buildings	ha	0	21.7
	Sports halls	ha	0	1.4
	Military	ha	0	26.9
Transportation	Airfield runways	ha	0	17.5
	Harbours	ha	0	1.9
	Airfield runways	km	0	0.7
	Primary Road	km	0	20.8
	Secondary Road	km	2.5	102.2
	Local Road	km	11.4	358.6
	Cart Track	km	50.8	350.1
	Harbours	km	0	2.1
Facilities	Breakwater	ha	0	0.3
	Dams	ha	0	1.4
	Constructions for mining or extraction	ha	0	1.7
	Sport and recreation constructions	ha	0.03	8.5
	Dams	km	0.01	0.02
Land use	Shrub and/or herbaceous vegetation association	ha	2,851.9	11,136.2
	Permanent crops	ha	522.2	3,292.2
	Open spaces with little or no vegetation	ha	363.7	2,955.2
	Heterogeneous agricultural areas	ha	166.4	1,685.7
	Pastures	ha	133.4	283.2
	Forests	ha	41.4	336.5
	Arable land	ha	12.1	59.5
	Other	ha	0.7	1,198.7

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:

FABDEM (ForestAndBuildingsremovedCopemicusDEM) removes building and tree height biases from the Copemicus GLO 30 Digital Elevation Model (DEM) (Airbus, 2020).





