EMSR806 - AOI01
Wildfires on Chios Island Greece
CHIOS

Situation as of 25/06/2025 08:39 UTC
Delineation MONIT02 - Overview map 01

Burnt area
4,776.5 ha

Potentially affected
population
~ 500

Potentially Affected Built-up and Transportations

Built-Up
0.8 ha

Road
85.2 km

Crisis Information
🟧 Burnt area

☐ Non residential
☐ Military

General Information
▭ Area of Interest

Hydrography
■ Lake, River

Administrative Boundaries
+—+— International Boundary

Transportation
——— Main road
——— Airfield runway
▦ Airfield

Placenames
○ Placename

⊡ Harbour

Built-Up Area
▭ Residential

Full built-up, transportation and facility features available in the BLP

	Current	Forecast	
	Jun 25, 09:00 UTC	Jun 26, 09:00 UTC	Jun 27, 09:00 UTC
Wind direction and speed	20 km/h	18 km/h	22 km/h
Temperature and relative Humidity	🌡35° 💧25%	🌡36° 💧28%	🌡37° 💧28%

Data retrieved from ECMWF on Jun 25, 09:00 UTC. Calculated at: 38.317°N, 26.011°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.

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N
0   0.5   1   2 km
WGS 1984 UTM Zone 35N   1:33,000

Aipos
Vrontados
Anavatos
Karyes
Agios Dimitrios
Agia Paraskevi
Chios
Avgonyma
Dafnon
Lithi
Ververato Chalkeio
Vasileonoikon
Zyfias
Agios Georgios Sykousis
Vaviloi
Sklavia
Neochori
Thymiana

EMSR806 AOI: 01 Chios Delineation

Consequences within the AOI		Unit of measurement	Affected	Total in AOI
Burnt area		ha		4,776.5
Estimated population		Number of inhabitants	~ 500	~ 33,000
Built-up	Residential Buildings	ha	0.8	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	4.3	102.2
	Local Road	km	14.7	358.6
	Cart Track	km	66.2	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	3,249.6	11,136.2
	Permanent crops	ha	582.1	3,292.2
	Open spaces with little or no vegetation	ha	537.8	2,955.2
	Heterogeneous agricultural areas	ha	189.2	1,685.7
	Pastures	ha	143.1	283.2
	Forests	ha	59.6	336.5
	Arable land	ha	14.3	59.5
	Other	ha	0.9	1,198.7

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).

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