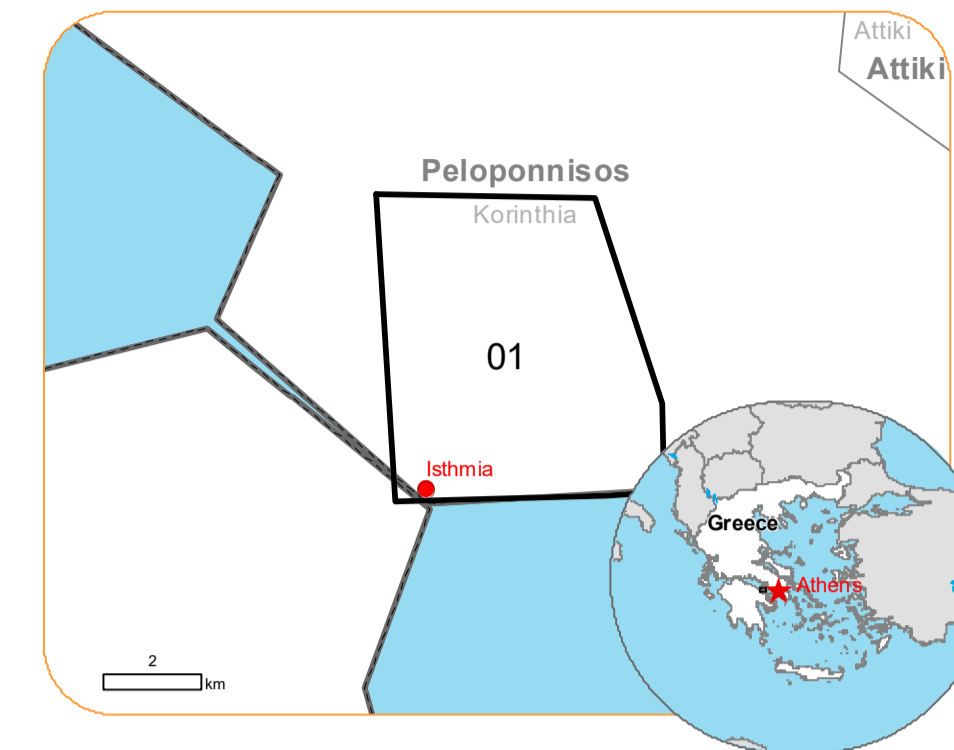




Situation as of 19/07/2023 09:10 UTC

Delineation - Overview map 01



Active Flames 3 No.
 Burnt area 1,151.1 ha

Potentially affected population ~ 400

Potentially Affected Built-up and Transportations

Road 46.1 km
 Railway 0.5 km

Crisis Information

Active Flames

Burnt area

General Information

Area of Interest

Placenames

Placename

Built-Up Area

Residential

Non residential

Hydrography

Coastline

Stream

Open Water

River

Facilities

Long-distance pipelines or lines

Sport and recreation constructions

Dump Site

Transportation

Highway

Main road

Local road

Track

Railway

	Current		Forecast	
	19 July 09:10 UTC	20 July 09:10 UTC	20 July 09:10 UTC	21 July 09:10 UTC
Wind direction and speed	11 km/h	7 km/h	7 km/h	6 km/h
Temperature and relative Humidity	31° 41%	31° 35%	32° 28%	

Data retrieved from ECMWF on July 19, 09:10 UTC. Calculated at: 37°55'08"N, 23°10'28"E.

Event:
 In the afternoon 17 July 2023, a fire broke out near Kalithea village and is still ongoing. Residents of the cities of Kalamaki, Isthmia, Paradissos, Kalithea Pefkia and Irini have been ordered to evacuate. According to the Hellenic Fire Brigade currently 120 firefighters with 43 fire engines, 4 earth crews, 9 Water bomber aircraft, 2 helicopters and municipal water tanks are engaged in response activities for this fire. Staff and assets from the municipalities, regions, armed forces and groups of volunteers have been mobilised. Copernicus EMS Rapid Mapping is requested to provide an initial rough estimation, in order to support the monitoring and assessment of the extent of the wildfire and the damage caused.

Data sources and analysis:
 Pre-event image: ESRI World Imagery © DigitalGlobe (acquired on 19/10/2022, resolution 0.5 m).
 Post-event image: Sentinel-2A/B (2023) (acquired on 19/07/2023 at 09:10 UTC, resolution 10 m). This image is used as background image.

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Base vector layers: OpenStreetMap © OpenStreetMap contributors (2022), Wikimapia.org, GeoNames 2015, Corine Land Cover (CLC) 2018, EuroBoundaryMap 2017 © EuroGeographics.

Population data: GHS Population Grid © European Commission, 2022
https://ghsl.jrc.ec.europa.eu/ghs_pop2022.php

Digital Elevation Model: SRTM 30 m (NASA/USGS)

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

Map produced by GAF AG released by e-GEOS on the 20/07/2023.

Details on this activation and service conditions available through the QR code or at the link:
<https://emergency.copernicus.eu/EMSR674>



Consequences within the AOI				
		Unit of measurement	Affected	Total in AOI
Burnt area		ha		1,151.1
Active Flames		No.		3
Estimated population		Number of inhabitants	~ 400	~ 2,800
Built-up	Residential Buildings	ha	0.0	15.1
	Industrial buildings	ha	0.0	14.6
	Cemetery	ha	0.0	1.0
Transportation	Highways	km	0.0	11.5
	Primary Road	km	0.0	7.5
	Secondary Road	km	0.0	7.1
	Local Road	km	20.0	143.4
	Cart Track	km	26.1	66.7
Facilities	Long-distance railways	km	0.5	15.4
	Sport and recreation constructions	ha	0.0	0.3
	Other civil engineering works not elsewhere classified	ha	0.0	9.4
	Long-distance pipelines, communication and electricity lines	km	6.7	16.8
Land use	Shrub and/or herbaceous vegetation association	ha	733.8	1,435.7
	Heterogeneous agricultural areas	ha	267.5	1,070.0
	Forests	ha	133.9	182.4
	Other	ha	9.9	465.2
	Permanent crops	ha	6.0	43.7

Disclaimer:

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

<https://emergency.copernicus.eu/mapping/ems/online-manual-rapid-mapping-products>

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Data access:

All data displayed on the map(s), as well as the Physiography and Land Use - Land Cover layers, 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



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