



Situation as of 29/08/2023 09:03 UTC
Delineation MONIT07 - Overview map 01



Active Flames 40 No.
Burnt area 81260.7 ha

Potentially affected population
~ 2500

Potentially Affected Built-up and Transportations

Railway 36.2 km
Road 1,693.2 km
Built-Up 73.6 ha

Crisis Information

Active Flames

Burnt area

Previous burnt area (EMSR605)
(27/07/2022 08:20 UTC)

Area of Interest

Image Footprint

Administrative boundaries

Municipality

Placenames

Placename

Built-Up Area

Residential

Non residential

School, university and research
buildings

Hospital or institutional care buildings

Military

Hydrography

River

Stream

Lake

Reservoir

River

Facilities

Long-distance pipelines or lines

Dam

Power plant

Sport and recreation constructions

Dam

Transportation

Highway

Main road

Local road

Track

Railway

Airfield runway

Airfield

Helipad

	Current		Forecast	
	29 August 09:03 UTC	30 August 09:03 UTC	31 August 09:03 UTC	
Wind direction and speed	9 km/h	8 km/h	14 km/h	
Temperature and relative humidity	+28° 41%	+29° 43%	+30° 31%	

Data retrieved from ECMWF on August 29, 13:07 UTC. Calculated at: 26.07°N, 41.152°E.

Event:

A wildfire that started on Saturday, the 19th of August early in the morning (04:49 local time) in a forest area near Aristino village (East Macedonia and Thrace Region) is ongoing. Residents of the villages Aristino, Loutros, Agnadia, Antheia and Doriko were ordered to evacuate. Copernicus EMS Rapid Mapping is requested to provide fire extent and damage assessment emergency mapping.

Data sources and analysis:

Pre-event image: Sentinel-2A/B (2023), (acquired on 29/07/2023 at 09:05 UTC, resolution 10 m).
SPOT6 © Airbus DS (2022), (acquired on 27/07/2022 at 08:20 UTC, resolution 1.5 m).
Post-event image: WorldView-2 © Maxar Technologies, Inc. (2023), (acquired on 29/08/2023 at 09:03 UTC, resolution 2.0 m).
This image was used as background image.
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Base vector layers: OpenStreetMap © OpenStreetMap contributors (2023), Wikimapia.org, GeoNames 2015. Corine Land Cover (CLC) 2018, EuroBoundaryMap 2017 © EuroGeographics.

Inset maps: JRC 2013, GISCO 2010 © EuroGeographics, Natural Earth 2012, CCM River DB © EUJRC2007, GeoNames 2015.

Population data: GHS Population Grid © European Commission, 2023
https://ghsl.jrc.ec.europa.eu/ghs_pop2023.php

The thematic layer has been derived from post-event satellite image by means of visual interpretation. 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.

Disclaimer: Full disclaimer and other helpful information available in the online manual:
<https://emergency.copernicus.eu/mapping/ems/online-manual-rapid-mapping-products>.

Map produced by SERTIT released by e-GEOS on the 29/08/2023.
Details on this activation and service conditions available through the QR code or at the link:
<https://rapidmapping.emergency.copernicus.eu/EMSR686/download>



Consequences within the AOI				
		Unit of measurement	Affected	Total in AOI
Burnt area		ha		81 260.7
Active Flames		No.		40
Estimated population		Number of inhabitants	~ 2 500	~ 64 000
Built-up	Residential Buildings	ha	31.9	788.4
	Office buildings	ha	0.0	0.9
	Wholesale and retail trade buildings	ha	0.0	2.8
	Industrial buildings	ha	12.0	213.2
	School, university and research buildings	ha	0.3	16.4
	Hospital or institutional care buildings	ha	0.0	13.7
	Military	ha	28.8	340.1
	Cemetery	ha	0.7	14.2
Transportation	Airfield runways	ha	0.0	160.9
	Helipad	ha	0.0	0.2
	Airfield runways	km	0.0	3.3
	Highways	km	45.4	129.8
	Primary Road	km	11.0	66.0
	Secondary Road	km	17.0	75.8
	Local Road	km	167.8	852.1
	Cart Track	km	1 451.9	2 842.6
	Long-distance railways	km	36.2	94.4
Facilities	Dams	ha	0.0	0.0
	Power plant constructions	ha	22.4	72.2
	Sport and recreation constructions	ha	0.0	39.1
	Long-distance pipelines, communication and electricity lines	km	59.2	137.2
	Dams	km	0.3	0.5
Land use	Forests	ha	35 367.2	65 452.2
	Shrub and/or herbaceous vegetation association	ha	30 511.3	41 746.4
	Heterogeneous agricultural areas	ha	7 473.9	12 640.0
	Arable land	ha	5 801.4	23 216.8
	Other	ha	892.2	8 050.8
	Permanent crops	ha	844.4	1 852.6
	Pastures	ha	277.6	950.6
	Coastal wetlands	ha	66.2	1 557.2
	Open spaces with little or no vegetation	ha	26.5	167.8
	Inland wetlands	ha	0.0	39.1

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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



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