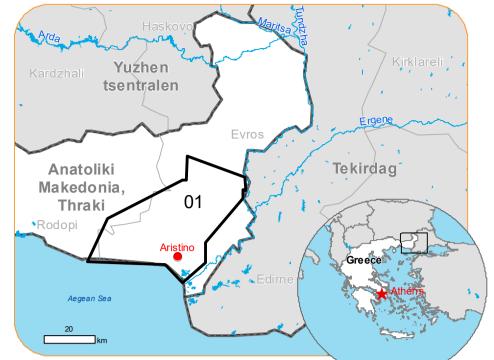


GLIDE number: 2023-000153

GDACS ID: WF 1016606 Product version: 1



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







---- River

Airfield Helipad

Potentially Affected Built-up and Transportations





		Current		Forecast			
)4		29 Augus	t 09:03 UTC	30 Augus	t 09:03 UTC	31 Augus	t 09:03 UT
\$	Wind direction and speed	C	9 km/h	•	8 km/h		14 km/h
	Temperature and relative Humidty	1 28°	<u>\$</u> 41%	1 29°	<u>43</u> %	1 30°	<u>§</u> 31%

Data retrieved from ECMWF on August 29, 13:07 UTC. Calculated at: 26.070°N, 41.152°E.

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,

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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ESA, all rights reserved.

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

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







EMSR686 AOI: 01 Aristino Delineation

Consequences within the	AOI			
	Unit of measurements	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		0.0	2.8
	Industrial buildings		12.0	213.2
	School, university and research buildings		0.3	16.4
	Hospital or institutional care buildings		0.0	13.7
	Military		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

Disclaimer:

Full disclaimer and other helpful information available in the online manual: https://emergency.copernicus.eu/mapping/ems/online-manual-rapid-mapping-products © European Union / Copernicus Emergency Management Service

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.





