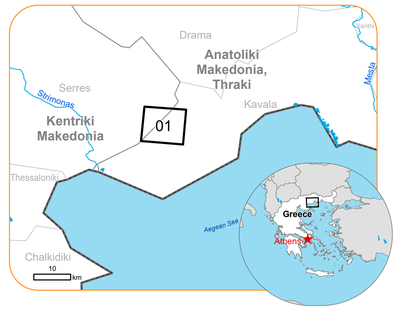
GLIDE number: N/A
Int. Charter Act. ID: N/A

GDACS ID: N/A
Product version: 1

EMSR749 - AOI01
Wildfire in Greece
PAGGAIO

Situation as of 04/09/2024 09:29 UTC

Delineation MONIT03 - Overview map 01



Burnt area 1526.2 ha

Potentially affected population ~ 20

Potentially Affected Built-up and Transportations

Road
1.3 km

Crisis Information
- Burnt area

General Information
- Area of Interest
- Not Analysed

Administrative Boundaries
- Province

Built-Up Area
- Residential
- Non residential
- Mining or extraction site
- Sport and recreation constructions

Transportation
- Main road
- Local road
- Track

	Current	Forecast	
	Sep 04, 09:29 UTC	Sep 05, 09:29 UTC	Sep 06, 09:29 UTC
Wind direction and speed	5 km/h	4 km/h	4 km/h
Temperature and relative Humidity	31° 37%	29° 56%	29° 59%

Data retrieved from ECMWF on Sep 04, 09:29 UTC. Calculated at: 40.925°N, 24.088°E.

Event: On the 22 August 2024 at 12:34 local time, a wildfire started near the ridge of Paggaio mountain, 25 Km west from Kavala, East Macedonia and Thrace region, burning mountain meadows and beech forest, between the villages Rodolivos and Mesoropi. The fire expanded rapidly due to the strong winds the steep relief and the access difficulty. 31 vehicles with 63 firefighters, 145 ground forces 5 helicopters and 15 airplanes were used for fire suppression, assisted by municipality vehicles/machinery and volunteer organizations. The fire is currently out of control, but no villages are threatened. Fire suppression operations are still ongoing. Copernicus EMS Rapid Mapping is requested to provide initial rough estimation and fire extent.

Data sources and analysis: Pre-event image: Sentinel-2A/B (2024) (acquired on 17/08/2024 at 09:05 UTC, resolution 10 m).
Post-event image: WorldView-3 © Maxar Technologies, Inc. (2024). (acquired on 04/09/2024 at 09:29 UTC, resolution 2.0 m). This image is used as background image.

The thematic layer has been derived from post-event satellite image by means of visual interpretation. Due to clouds coverage, the burnt area delineation is not complete. The current burnt area cumulates all burnt area extents from previous post-event products.

Map produced by ITHACA released by e-GEOS on the 04/09/2024.

Details on this activation and service conditions available through the QR code or at the link: https://rapidmapping.emergency.copernicus.eu/EMSR749

PROGRAMME OF THE EUROPEAN UNION

Copernicus Europe's eyes on Earth

Amfipolis
Pilaf Tepe
Pangaion Oros
Paggaion
Mesoropi
Moustheni
Domatia

N
0 0.3 0.6 1.2 km
WGS 1984 UTM Zone 35N 1:20.000

EMSR749 AOI: 01 Paggaio Delineation

Consequences within the AOI				
	Unit of measurement		Affected	Total in AOI
Burnt area		ha		1.526.2
Estimated population	Number of inhabitants		~ 20	~ 900
Built-up	Residential Buildings	ha	0	49.4
	Cemetery	ha	0	0.2
Transportation	Secondary Road	km	0	5.4
	Local Road	km	0	27.3
	Cart Track	km	1.3	110.3
Facilities	Constructions for mining or extraction	ha	0	13.4
	Sport and recreation constructions	ha	0	1.0
Land use	Open spaces with little or no vegetation	ha	1.168.8	1.998.4
	Shrub and/or herbaceous vegetation association	ha	239.3	3.220.9
	Forests	ha	118.1	5.067.5
	Arable land	ha	0	85.8
	Heterogeneous agricultural areas	ha	0	266.9
	Other	ha	0	89.4

Disclaimer:

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

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

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 (2024), 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.
Digital Elevation Model: FABDEM (ForestAndBuildingsremovedCopernicusDEM) removes building and tree height biases from the Copernicus GLO 30

PROGRAMME OF THE EUROPEAN UNION

Copernicus
The European Earth Observation Programme