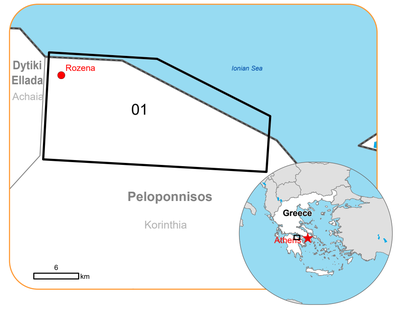
GLIDE number: N/A
Int. Charter Act. ID: N/A

GDACS ID: N/A
Product version: 1

EMSR767 - AOI01
Wildfire in Greece
ROZENA

Situation as of 04/10/2024 09:08 UTC

Delineation MONIT03 - Overview map 01



Burnt area
5,829.9 ha

Potentially affected population
~ 250

Potentially Affected Built-up and Transportations

Road
168.4 km

Built-Up
1.0 ha

Crisis Information
- Burnt area

General Information
- Area of Interest
- Detail map

Administrative Boundaries
- Province
- Municipality

Placenames
- Placename

Built-Up Area
- Residential
- Non residential

Hydrography
- Lake, River

Facilities
- Long-distance pipelines or lines
- Water or Aquatic infrastructure
- Mining or extraction site
- Power plant
- Sport and recreation constructions
- Water or Aquatic infrastructure

Transportation
- Highway
- Main road
- Local road
- Track
- Railway

	Current	Forecast	
	04 October 09:00 UTC	05 October 09:00 UTC	06 October 09:00 UTC
Wind direction and speed	20 km/h	**30 km/h**	**30 km/h**
Temperature and relative Humidty	24° 54%	22° 69%	21° 57%

Data retrieved from ECMWF on October 04, 09:00 UTC. Calculated at: 38°4'42"N 22°29'57"E

Event: On the morning of 29 September 2024 at 08:00 UTC, a serious wildfire started in the Northern Peloponnese, at Corinthia near Rozena village, Greece. The event is on-going and spreading. A large number of firefighters (223), volunteers, fire engines (63), water tankers (4), construction machinery (2), airplanes (7) and helicopters (10) were mobilized to suppress the fire. The residents of Pyrgos and Ellinico villages had to be evacuated, and a 112 cell-broadcasting message was sent for this purpose. Copernicus EMS Rapid Mapping is requested to provide wildfire initial rough estimation, wildfire extent and monitoring emergency mapping.

Data sources and analysis: Pre-event image: SPOT-6-7 © Airbus DS (2023) (acquired on 15/07/2023 at 08:58 UTC, resolution 1.5 m).
Post-event image: SPOT-6-7 © Airbus DS (2024) (acquired on 04/10/2024 at 09:08 UTC, resolution 1.5 m). This image is used as background image.

The thematic layer has been derived from post-event satellite image using a semi-automatic approach. The current Burnt Area Delineation cumulates all burnt area extents from previous post-event products.

Map produced by SERTIT released by e-GEOS on the 05/10/2024.

Details on this activation and service conditions available through the QR code or at the link: https://rapidmapping.emergency.copernicus.eu/EMSR767

PROGRAMME OF THE EUROPEAN UNION

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N
0 0.75 1.5 3 km
WGS 1984 UTM Zone 34N - 1:50,000

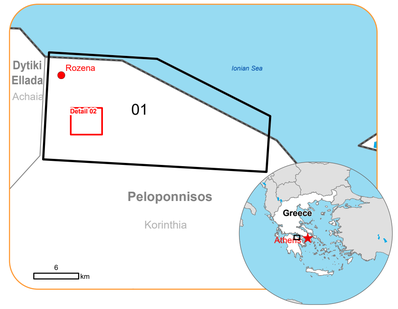
GLIDE number: N/A
Int. Charter Act. ID: N/A

GDACS ID: N/A
Product version: 1

EMSR767 - AOI01
Wildfire in Greece
ROZENA

Situation as of 04/10/2024 09:08 UTC

Delineation MONIT03 - Detail map 02



Crisis Information
- Burnt area

General Information
- Area of Interest

Placenames
- Placename

Built-Up Area
- Residential

Hydrography
- Lake, River

Transportation
- Main road
- Local road
- Track

	Current	Forecast	
	04 October 09:00 UTC	*05 October 09:00 UTC*	*06 October 09:00 UTC*
Wind direction and speed	20 km/h	**30 km/h**	**30 km/h**
Temperature and relative Humidity	24° 54%	22° 69%	21° 57%

Data retrieved from ECMWF on October 04, 09:00 UTC. Calculated at: 38°4'42"N 22°29'57"E

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Map produced by SERTIT released by e-GEOS on the 05/10/2024.

Details on this activation and service conditions available through the QR code or at the link: https://rapidmapping.emergency.copernicus.eu/EMSR767

PROGRAMME OF THE EUROPEAN UNION

Copernicus
Europe's eyes on Earth

N
0 0.07 0.15 0.3 km
WGS 1984 UTM Zone 34N 1:6,000

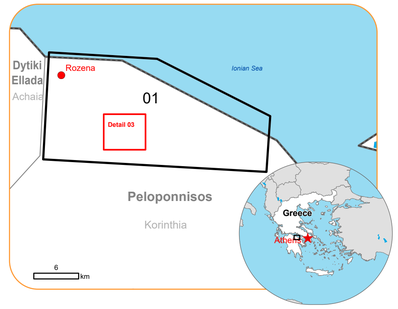
GLIDE number: N/A
Int. Charter Act. ID: N/A

GDACS ID: N/A
Product version: 1

EMSR767 - AOI01
Wildfire in Greece
ROZENA

Situation as of 04/10/2024 09:08 UTC

Delineation MONIT03 - Detail map 03



Crisis Information

- Burnt area

General Information

- Area of Interest

Placenames

- Placename

Built-Up Area

- Residential

Transportation

- Main road
- Local road
- Track

	Current	Forecast	
	04 October 09:00 UTC	05 October 09:00 UTC	06 October 09:00 UTC
Wind direction and speed	20 km/h	30 km/h	30 km/h
Temperature and relative Humidty	24° 54%	22° 69%	21° 57%

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The thematic layer has been derived from post-event satellite image using a semi-automatic approach. The current Burnt Area Delineation cumulates all burnt area extents from previous post-event products.

Map produced by SERTIT released by e-GEOS on the 05/10/2024.

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N

0 0.13 0.25 0.5 km

WGS 1984 UTM Zone 34N 1:8,000

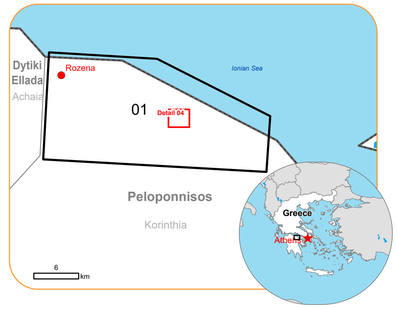
GLIDE number: N/A
Int. Charter Act. ID: N/A

GDACS ID: N/A
Product version: 1

EMSR767 - AOI01
Wildfire in Greece
ROZENA

Situation as of 04/10/2024 09:08 UTC

Delineation MONIT03 - Detail map 04



Crisis Information

Burnt area

General Information

Area of Interest

Transportation

Local road

Track

	Current	Forecast	
	04 October 09:00 UTC	*05 October 09:00 UTC*	*06 October 09:00 UTC*
Wind direction and speed	20 km/h	**30 km/h**	**30 km/h**
Temperature and relative Humidity	24° 54%	22° 69%	21° 57%

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N

0 0.05 0.1 0.2 km

WGS 1984 UTM Zone 34N 1:4,000

EMSR767 AOI: 01 Rozena Delineation

Consequences within the AOI				
	Unit of measurement		Affected	Total in AOI
Burnt area		ha		5,829.9
Estimated population	Number of inhabitants		~ 250	~ 16,000
Built-up	Residential Buildings	ha	0.9	433.9
	Office buildings	ha	0	0.8
	Industrial buildings	ha	0	0.2
	Cemetery	ha	0.04	2.9
Transportation	Highways	km	0.1	74.6
	Primary Road	km	0	35.6
	Secondary Road	km	32.0	115.4
	Local Road	km	11.6	429.2
	Cart Track	km	124.7	826.5
	Long-distance railways	km	0	97.2
Facilities	Breakwater	ha	0	0.6
	Power plant constructions	ha	0	1.4
	Sport and recreation constructions	ha	0	4.8
	Long-distance pipelines, communication and electricity lines	km	0.4	33.3
	Breakwater	km	0	0.01
Land use	Shrub and/or herbaceous vegetation association	ha	4,090.1	12,198.1
	Heterogeneous agricultural areas	ha	701.7	6,705.9
	Permanent crops	ha	609.7	7,692.6
	Forests	ha	314.7	2,750.0
	Arable land	ha	46.0	75.8
	Pastures	ha	42.9	70.2
	Open spaces with little or no vegetation	ha	22.7	517.8
	Other	ha	2.1	7,658.5

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,

Global Administrative Areas (2012), refined by the producer, Globe Land 30 (2010), Copernicus Global Land Service: Land Cover (2019).
Inset maps: JRC 2013, Natural Earth 2012, GeoNames 2015.
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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