

EMSR743 - AOI01
Wildfire in Central Greece
PETRIES

Situation as of 31/07/2024 09:38 UTC
Grading - Overview map 01



Observed Event
784.4 ha

Potentially affected population
~ 40

Potentially Affected Built-up and Transportations

Built-up
55 No.

- | | |
|---|------------------------------------|
| Crisis Information | Placenames |
| Burnt Area | Placename |
| Built Up Grading | Hydrography |
| Possibly damaged | Lake, River |
| Facilities Grading | Facilities |
| Mining or extraction site, Possibly damaged | Long-distance pipelines or lines |
| Power plant, Possibly damaged | Water or Aquatic infrastructure |
| Affected Land Use-Cover | Power plant |
| Arable land | Sport and recreation constructions |
| Heterogeneous agricultural areas | Water or Aquatic infrastructure |
| Shrub and/or herbaceous vegetation associations | Transportation |
| General Information | Main road |
| Area of Interest | Local road |
| Detail map | Track |

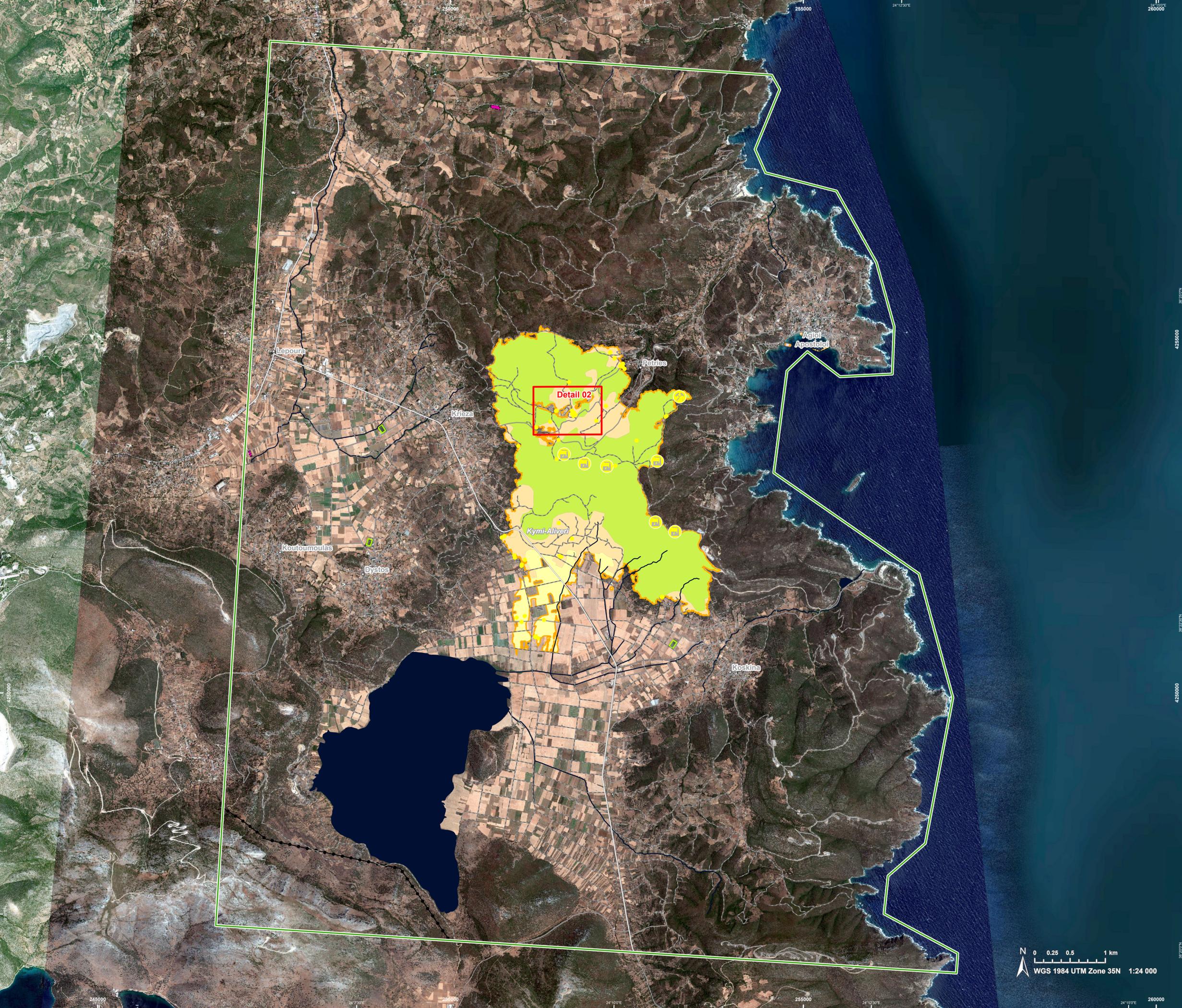
Event: On the 29 July 2024 at 14:00, a wildfire is reported to have affected Central Greece, Evia Island, Greece. The event is on-going and it is expanding rapidly due to the strong winds. The fire fighters are still operating in the area. Residents of Petries and Krieza had to be evacuated and a 112 cell-broadcasting message was sent for this purpose. Ground forces and aerial means were used for fire suppression. 49 vehicles with 110 firefighters, 80 ground forces 11 helicopters and 16 airplanes were used for fire suppression, assisted by municipality vehicles/machinery and volunteer organizations. Copernicus EMS Rapid Mapping is requested to provide initial rough estimation, fire extent and damage assessment emergency mapping.

Data sources and analysis: Pre-event image: ESRI World Imagery © DigitalGlobe (acquired on 18/09/2022 at 12:00 UTC, resolution 1.2 m). Post-event image: GeoEye © Maxar Technologies, Inc. (2024), (acquired on 31/07/2024 at 09:38 UTC, resolution 2.0 m). This image is used as background image. All images are provided under COPERNICUS by the European Union and ESA, all rights reserved.

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

Map produced by SERTIT released by e-GEOS on the 01/08/2024.

Details on this activation and service conditions available through the QR code or at the link: <https://rapidmapping.emergency.copernicus.eu/EMSR743>



0 0.25 0.5 1 km
WGS 1984 UTM Zone 35N 1:24 000

EMSR743 - AOI01
Wildfire in Central Greece
PETRIES

Situation as of 31/07/2024 09:38 UTC

Grading - Detail map 02



- | | |
|--|--|
| Built Up Grading | General Information |
| <ul style="list-style-type: none">Possibly damaged | <ul style="list-style-type: none">Area of Interest |
| Affected Land Use-Cover | Transportation |
| <ul style="list-style-type: none">Heterogeneous agricultural areasShrub and/or herbaceous vegetation associations | <ul style="list-style-type: none">Local roadTrack |

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Consequences within the AOI							
		Unit of measurement	Destroyed	Damaged	Possibly damaged*	Total affected**	Total in AOI
Burnt area		ha					784.4
Estimated population		Number of inhabitants				~ 40	~ 3 200
Built-up	Residential Buildings	No.	0	0	31	31	63
	Wholesale and retail trade buildings	No.	0	0	0	0	2
	Other non-residential buildings	No.	0	0	9	9	9
	Non-residential farm buildings	No.	0	0	15	15	15
	Buildings used as places of worship and for religious activities	No.	0	0	0	0	1
	Hotel buildings	No.	0	0	0	0	1
Transportation	Primary Road	km	0	0	0	0	0.8
	Secondary Road	km	0	0	0	0	15.7
	Local Road	km	0	0	0	0	152.9
	Cart Track	km	0	0	0	0	332.6
Facilities	Breakwater	ha	0	0	0	0	0.8
	Power plant constructions	ha	0	0	0	0	0.9
	Sport and recreation constructions	ha	0	0	0	0	1.8
	Long-distance pipelines, communication and electricity lines	km	0	0	0	0	3.9
	Breakwater	km	0	0	0	0	0.1
	Constructions for mining or extraction	No.	0	0	1	1	1
	Power plant constructions	No.	0	0	6	6	6
Land use	Shrub and/or herbaceous vegetation association	ha				537.5	4 843.0
	Heterogeneous agricultural areas	ha				171.9	2 943.1
	Arable land	ha				75.0	1 696.9
	Permanent crops	ha				0	611.5
	Inland wetlands	ha				0	474.4
	Other	ha				0	613.8

* Presence of damage proxies and proximity with destroyed/damaged asset
 ** Sum of all damage classes

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.

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: COP-DEM-EEA-10-R product © DLR e.V. (2014-2018) and © Airbus Defence and Space GmbH (2020) provided under COPERNICUS by the European Union and ESA, all rights reserved.

Access to the portal

