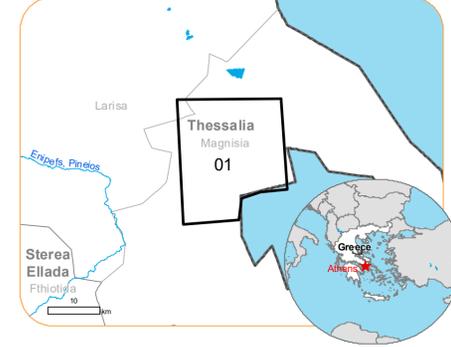


EMSR679 - AOI01
Wildfire in Greece
AGIOSGEORGIOSFERON

Situation as of 29/07/2023 09:30 UTC
Grading - Overview map 01



Burnt area 8,264.2 ha
Potentially affected population ~ 1300

Affected Built-up and Transportations

Built-Up 164.2 ha
Road 1.3 km

Crisis Information	Facilities Grading	Permanent crops
Burnt Area	Destroyed	Pastures
Built-Up Grading	Possibly damaged	Heterogeneous agricultural areas
Building, Not analysed	Not Analysed	Forest
Residential Building, Possibly damaged	Transportation Grading	Shrub and/or herbaceous vegetation associations
Residential Building, Damaged	Main road, No visible damage	Other
Residential Building, Not analysed	Track, No visible damage	General Information
Non-residential Building, Possibly damaged	Local road, No visible damage	Area of Interest
Non-residential Building, Damaged	Road, Possibly damaged	Detail map
Non-residential Building, Not analysed	Railway, No visible damage	Placenames
Non-residential Building, Possibly damaged	Highway, No visible damage	Placename
Non-residential Building, Damaged	Airfield and Heliport, No visible damage	Hydrography
Non-residential Building, Destroyed	Affected Land Use-Cover	Coastline
	Arable land	River
		Stream
		Lake
		Land Subject to Inundation
		Open Water

Event: On 26 July 2023 at 10:30 UTC, a wildfire took place in an agricultural area near Agios Georgios Feron village in Thessaly region, Greece. The fire is ongoing and it is burning forest and agricultural areas. Residents of the villages Paliouri, Dimini, Melissatika, Kritharia, Maratho, Velandia, Panagia and Chrisi Akti were ordered to evacuate. The industrial area of the city of Volos was also evacuated. According to the Hellenic Fire Service, 72 firefighters are currently operating in the area, assisted by 1 ground force group, 38 vehicles, 5 water-bombing aircraft and 2 helicopters. Volunteers and municipality staff are helping out during the emergency as well. Copernicus EMS Rapid Mapping is requested to provide initial rough estimation, wildfire and the damage assessment emergency mapping. Copernicus EMS Rapid Mapping is requested to provide an initial rough estimation, wildfire extent, and damage assessment emergency mapping.

Data sources and analysis: Pre-event image: ESRI World imagery (2022) (acquired on 07/06/2022, resolution 0.46 m).
Post-event image: GeoEye © Maxar Technologies, Inc. (2023), (acquired on 29/07/2023 at 09:30 UTC, resolution 2.0 m). This image is 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.

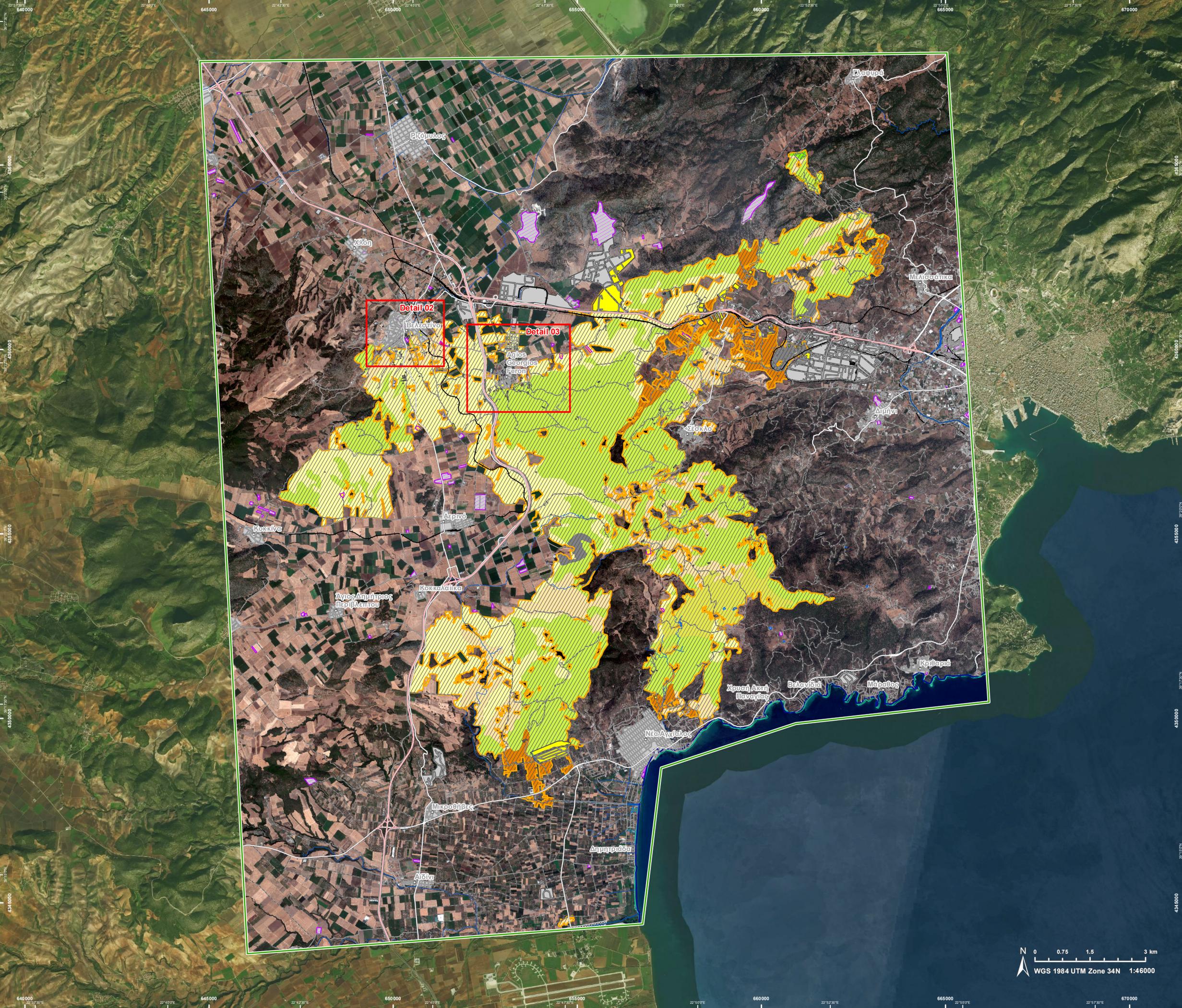
Population data: GHS Population Grid © European Commission, 2022 https://ghsl.jrc.ec.europa.eu/ghs_pop2022.php

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

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 GMV released by e-GEOS on the 29/07/2023.

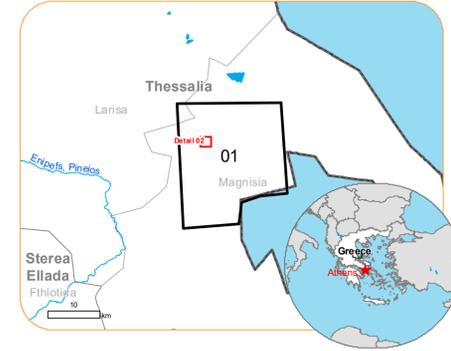
Details on this activation and service conditions available through the QR code or at the link: <https://emergency.copernicus.eu/EMSR679>



WGS 1984 UTM Zone 34N 1:46000

EMSR679 - AOI01
Wildfire in Greece
AGIOSGEORGIOSFERON

Situation as of 29/07/2023 09:30 UTC
Grading - Detail map 02



Burnt area 126.0 ha (2% of total in AOI)
 Potentially affected population ~ 150 (12% of total affected)

Affected Built-up and Transportations

Built-Up 5.4 ha (3% of total affected)
 Road 0.3 km (23% of total affected)

- Crisis Information**
- Burnt Area
- Built-Up Grading**
- Non-residential Building, Not analysed
- Residential Building, Possibly damaged
- Residential Building, Damaged
- Residential Building, Not analysed
- Non-residential Building, Possibly damaged
- Non-residential Building, Damaged
- Facilities Grading**
- Destroyed
- Not Analysed
- Transportation Grading**
- Main road, No visible damage
- Track, No visible damage
- Local road, No visible damage
- Road, Possibly damaged
- Railway, No visible damage
- Affected Land Use-Cover**
- Arable land
- Heterogeneous agricultural areas
- Shrub and/or herbaceous vegetation associations
- Other
- General Information**
- Area of Interest
- Placenames**
- Placename
- Hydrography**
- Stream

Event: On 26 July 2023 at 10:30 UTC, a wildfire took place in an agricultural area near Agios Georgios Feron village in Thessaly region, Greece. The fire is ongoing and it is burning forest and agricultural areas. Residents of the villages Palouri, Dimini, Melissatika, Kritharia, Maratho, Velandia, Panagia and Chrisi Akti were ordered to evacuate. The industrial area of the city of Volos was also evacuated. According to the Hellenic Fire Service, 72 firefighters are currently operating in the area, assisted by 1 ground force group, 38 vehicles, 5 water-bombing aircraft and 2 helicopters. Volunteers and municipality staff are helping out during the emergency as well. Copernicus EMS Rapid Mapping is requested to provide initial rough estimation, wildfire and the damage assessment emergency mapping Copernicus EMS Rapid Mapping is requested to provide an initial rough estimation, wildfire extent, and damage assessment emergency mapping.

Data sources and analysis: Pre-event image: ESRI World imagery (2022) (acquired on 07/06/2022, resolution 0.46 m). Post-event image: GeoEye © Maxar Technologies, Inc. (2023), (acquired on 29/07/2023 at 09:30 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.

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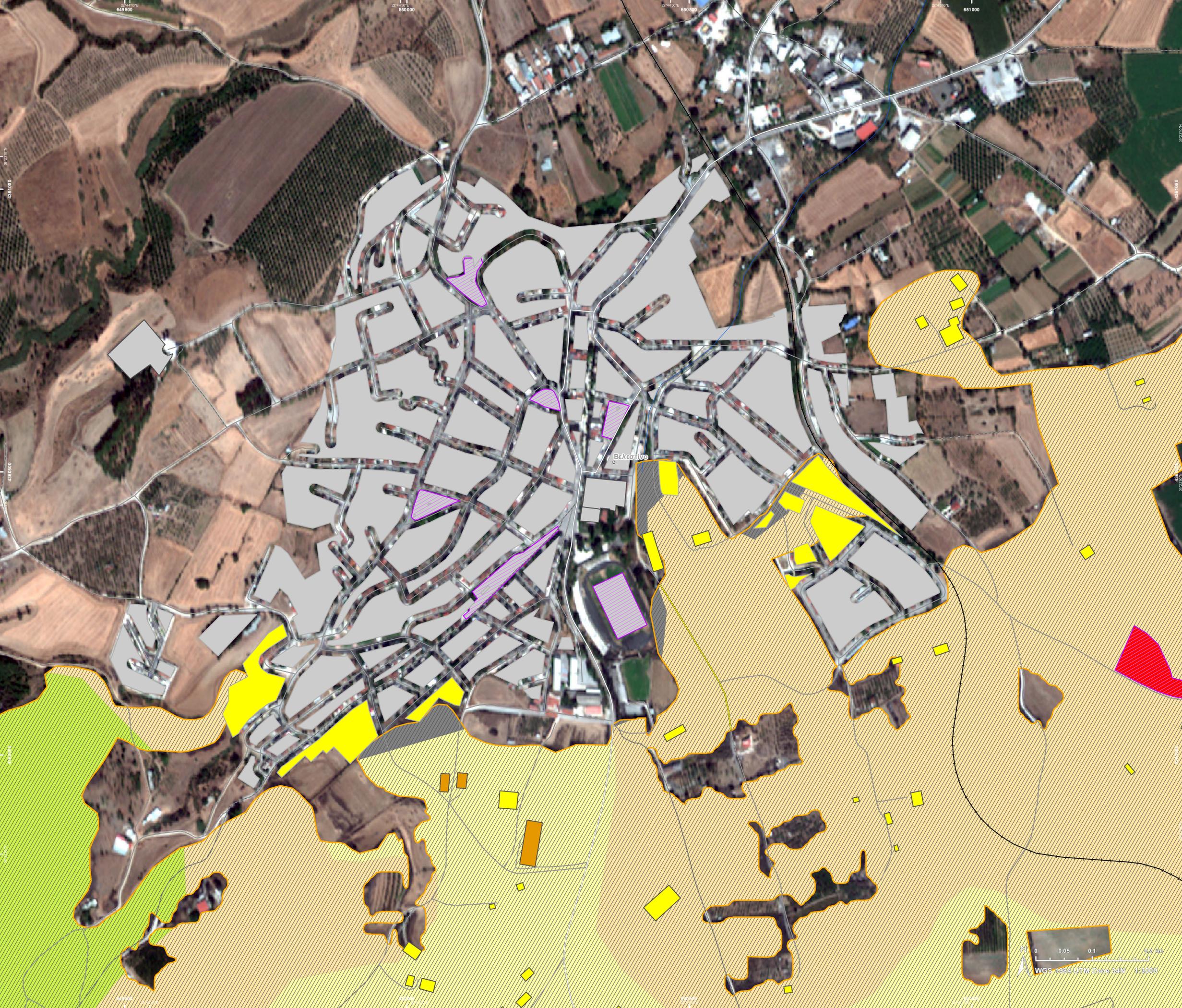
Inset maps: JRC 2013, GISCO 2010 © EuroGeographics, Natural Earth 2012, CCM River DB © EUJRC2007, GeoNames 2015.

Population data: GHS Population Grid © European Commission, 2022 https://ghsl.jrc.europa.eu/ghs_pop2022.php

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

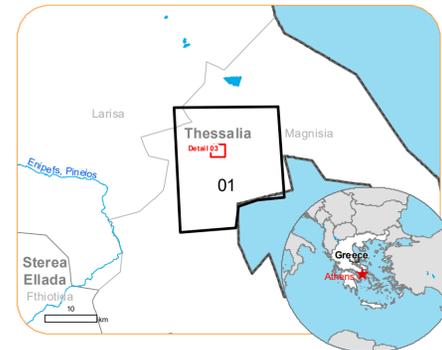
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EMSR679 - AOI01
Wildfire in Greece
AGIOSGEORGIOSFERON

Situation as of 29/07/2023 09:30 UTC
Grading - Detail map 03



Burnt area 403.0 ha
(5% of total in AOI) **Potentially affected population ~40**
(3% of total affected)

Affected Built-up and Transportations

Built-Up 9.3 ha
(6% of total affected)

- Crisis Information**
- Burnt Area**
- Non-residential Building, Not analysed**
- Residential Building, Possibly damaged**
- Residential Building, Not analysed**
- Non-residential Building, Possibly damaged**
- Non-residential Building, Damaged**
- Non-residential Building, Destroyed**
- Local road, No visible damage**
- Highway, No visible damage**
- Affected Land Use-Cover**
- Arable land**
- Shrub and/or herbaceous vegetation associations**
- Other**
- General Information**
- Area of Interest**
- Placenames**
- Placename**
- Facilities Grading**
- Possibly damaged**
- Not Analysed**
- Transportation Grading**
- Main road, No visible damage**
- Track, No visible damage**

Event: On 26 July 2023 at 10:30 UTC, a wildfire took place in an agricultural area near Agios Georgios Feron village in Thessaly region, Greece. The fire is ongoing and it is burning forest and agricultural areas. Residents of the villages Palouri, Dimini, Melissatika, Kritharia, Maratho, Velanidia, Panagia and Chrissi Akti were ordered to evacuate. The industrial area of the city of Volos was also evacuated. According to the Hellenic Fire Services, 72 firefighters are currently operating in the area, assisted by 1 ground force group, 38 vehicles, 5 water-bombing aircraft and 2 helicopters. Volunteers and municipality staff are helping out during the emergency as well. Copernicus EMS Rapid Mapping is requested to provide initial rough estimation, wildfire and the damage assessment emergency mapping Copernicus EMS Rapid Mapping is requested to provide an initial rough estimation, wildfire extent, and damage assessment emergency mapping.

Data sources and analysis: Pre-event image: ESRI World imagery (2022) (acquired on 07/06/2022, resolution 0.46 m). Post-event image: GeoEye © Maxar Technologies, Inc. (2023), (acquired on 29/07/2023 at 09:30 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.

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Consequences within the AOI							
	Unit of measurement	Destroyed	Damaged	Possibly damaged*	Total affected**	Total in AOI	
Burnt area	ha					8,264.2	
Estimated population	Number of inhabitants				~ 1,300	~ 33,000	
Built-up	Residential Buildings	ha	0.0	0.1	11.8	11.9	1,264.1
	Office buildings	ha				0.0	10
	Wholesale and retail trade buildings	ha				0.0	9
	Industrial buildings	ha	0.0	0.7	107.3	108.0	328.1
	School, university and research buildings	ha				0.0	8
	Non-residential farm buildings	ha	0.8	1.6	12.6	15.1	20.1
	Military	ha	0.0	0.0	29.3	29.3	57.3
	Cemetery	ha				0.0	19
Transportation	Airfield runways	ha	0.0	0.0	0.0	0.0	13.9
	Helipad	ha	0.0	0.0	0.0	0.0	0.0
	Highways	km	0.0	0.0	0.0	0.0	100.8
	Primary Road	km	0.0	0.0	0.0	0.0	43.9
	Secondary Road	km	0.0	0.0	0.0	0.0	84.8
	Local Road	km	0.0	0.0	0.3	0.3	615.6
	Cart Track	km	0.0	0.0	1.0	1.0	717.7
	Railway Yard	km	0.0	0.0	0.0	0.0	0.3
	Long-distance railways	km	0.0	0.0	0.0	0.0	80.4
Facilities	Settling Basin	ha	0.0	0.0	0.0	0.0	0.3
	Constructions for mining or extraction	ha	0.0	0.0	0.0	0.0	104.2
	Power plant constructions	ha	1.1	0.0	5.8	6.9	74.6
	Sport and recreation constructions	ha	0.0	0.0	1.6	1.6	33.5
	Long-distance pipelines, communication and electricity lines	km	0.0	0.0	0.0	0.0	66.7
	Local pipelines and cables	km	0.0	0.0	0.0	0.0	0.1
Land use	Shrub and/or herbaceous vegetation association	ha				3,851.9	14,199.5
	Arable land	ha				2,297.7	13,972.9
	Heterogeneous agricultural areas	ha				1,026.8	8,040.3
	Permanent crops	ha				515.8	3,655.4
	Pastures	ha				329.2	426.0
	Other	ha				236.0	3,078.3
	Forests	ha				6.8	56.6

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

** Sum of all damage classes

Disclaimer:

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<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 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

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