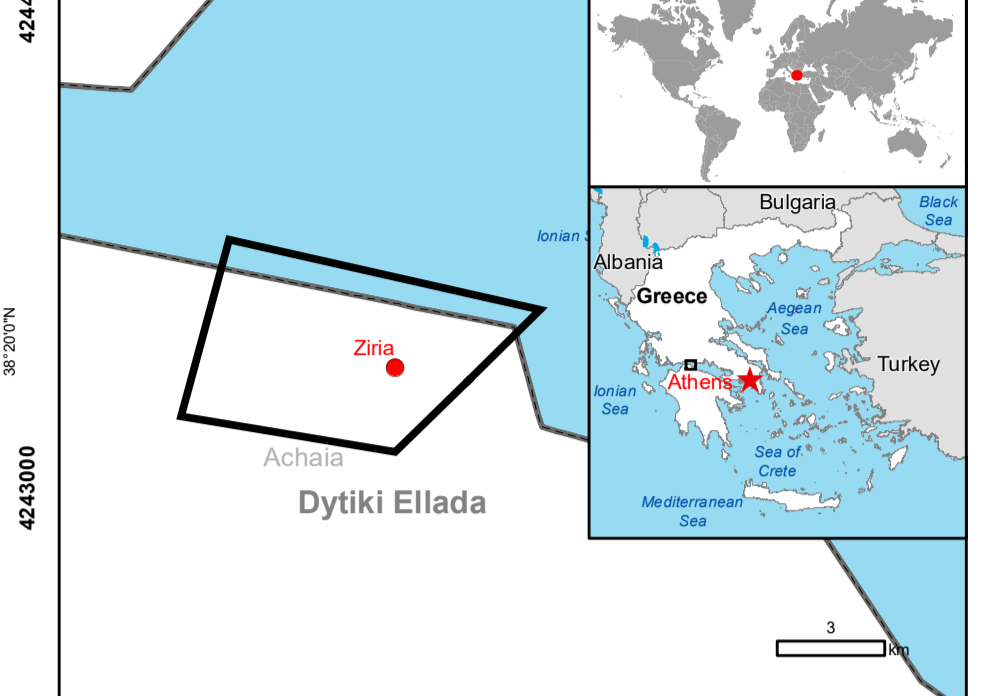


Ziria - GREECE

Wildfire - Situation as of 01/08/2021

Delineation - Overview map 01



Cartographic Information

1:15500 Full color A1, 200 dpi resolution

0 0.325 0.65 1.3 Km

Grid: WGS 1984 UTM Zone 34N map coordinate system
 Tick marks: WGS 84 geographical coordinate system

Legend

Crisis Information	Built-Up Area	Facilities
Burnt Area (01/08/2021 09:20 UTC)	Residential	Power and communication line
Area of Interest	School, university and research	Dam
Administrative boundaries	Cemetery	Settling Structure
Municipality	Coastline	Sport and recreation constructions
Placenames	River	Transportation
Placename	Open Water	Highway
		Primary Road
		Secondary Road
		Local Road
		Cart Track
		Long-distance valley
		Physiography & Land Use - Land Cover
		Features available in the vector package

4235000
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4237000
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4240000
4241000
4242000
4243000
4244000

Map Information

A wildfire is raging from Saturday July 31 noon in Aigialeia Municipality at Western Greece District, burning down large forest, rural and urban areas. The steep terrain and high flammability of forest fuels due to prolonged drought, make the work of firefighters very difficult. Logos, Kamares, Lampiri and Ziria villages and a camping with children have been evacuated for precautionary reasons.

According to Fire Service 234 firefighters with 77 vehicles are currently operating in the area, assisted by 7 ground force groups, seven (7) helicopters and five (5) planes. Copernicus EMS Mapping products will be used mainly by the fire service during firefighting operations and by local authorities (Forest Service, Region of Western Greece, Municipalities) for recovery and restoration planning of the affected area. Furthermore, local authorities are expected to use the mapping products for future fire protection measures, the Greek Agricultural Insurance Organization is expected to use the maps for damage assessment of farming activities, the Ministry of Infrastructure and Transport is expected to use the maps for damage assessment in roads, infrastructure, houses and buildings.

The present map shows the fire delineation in the area of Ziria (Greece). The thematic layer has been derived from post-event satellite image by means of visual interpretation. The scale of analysis is 1:25000. The estimated geometric accuracy (RMSE) is 20 m or better, from native positional accuracy of the background satellite image. The minimum mapping unit (MMU) is 2500 sq. m.

Relevant date records (UTC)

Event	31/07/2021 12:38	Situation as of	01/08/2021 09:20
Activation	01/08/2021 10:55	Map production	01/08/2021

Data sources

Pre-event image: Sentinel-2A/B (2021) (acquired on 27/07/2021 at 09:20 UTC, GSD 10 m, approx. 0% cloud coverage in Aol, 0° off-nadir angle) provided under COPERNICUS by the European Union and ESA.
 Post-event image: Sentinel-2A/B (2021) (acquired on 01/08/2021 at 09:20 UTC, GSD 10 m, approx. 0% cloud coverage in Aol, 0° off-nadir angle) provided under COPERNICUS by the European Union and ESA.

Base vector layers: OpenStreetMap © OpenStreetMap contributors (2021), Wikimapia.org, GeoNames 2015, Corine Land Cover (CLC) 2018, EuroBoundaryMap 2017 © EuroGeographics.

Population data: GHS - Population Grid © European Commission, 2019
https://ghs.jrc.ec.europa.eu/ghs_pop2019.php
 Digital Elevation Model: SRTM (30 m)

Disclaimer

Products elaborated in this Copernicus EMS Rapid Mapping activity are realized to the best of our ability, within a very short time frame, optimising the available data and information. All geographic information has limitations due to scale, resolution, date and interpretation of the original sources. No liability concerning the contents or the use thereof is assumed by the producer and by the European Union.

The current Burnt Area Delineation cumulates all burnt area extents from previous post-event products.

Delivery formats are Layered Geospatial PDF, GeoJPEG and vector (ESRI shapfiles, Google Earth KML, GeoJSON).

Map produced by GAF AG released by e-GEOS (ODO).
 For the latest version of this map and related products visit <https://emergency.copernicus.eu/EMSR525>

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