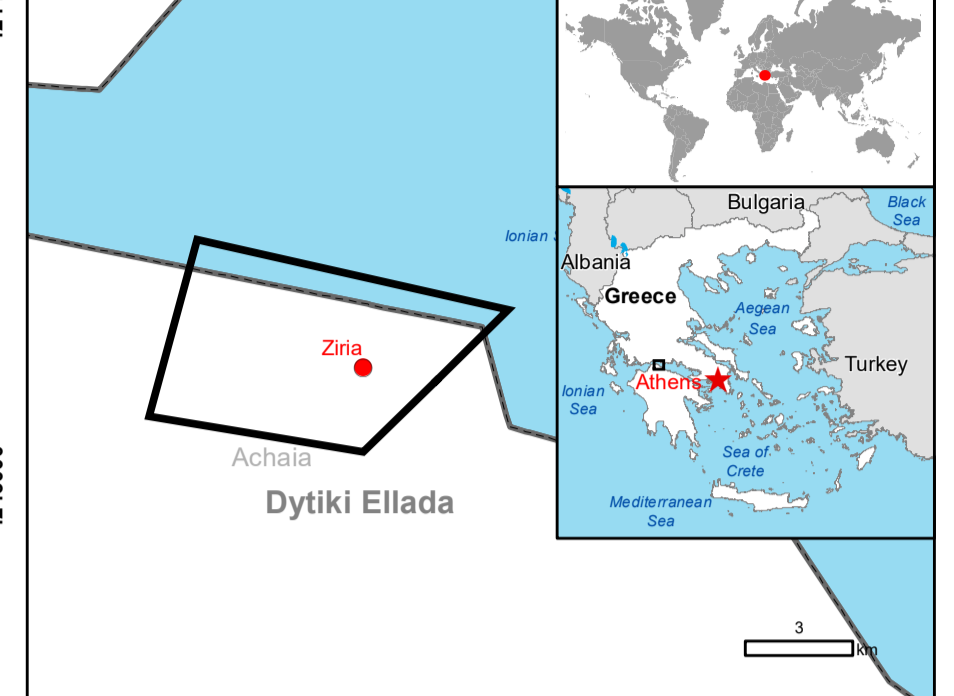


Ziria - GREECE

Wildfire - Situation as of 02/08/2021

Grading - 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	Land Use-Cover Grading	Administrative boundaries
Built Up Grading	Destroyed	Municipality
Possibly damaged	Damaged	Placename
Transportation Grading	Possibly damaged	Coastline
Highway, No visible damage	General Information	River
Primary Road, No visible damage	Area of Interest	Open Water
Secondary Road, No visible damage		
Local Road, No visible damage		
Cart Track, No visible damage		
Long-distance railway, No visible damage		

Consequences within the AOI

Unit of measurement	Destroyed	Damaged	Possibly damaged	Total affected	Area in AC
Burnt area	ha			393	246.9
Population population	Number of inhabitants				1,807
Build up					
Transportation					
Highway	km	0.0	0.0	0.0	0.0
Primary Road	km	0.0	0.0	0.0	0.0
Secondary Road	km	0.0	0.0	0.0	0.0
Local Road	km	0.0	0.0	0.0	0.0
Cart Track	km	0.0	0.0	0.0	0.0
Long-distance railway	km	0.0	0.0	0.0	0.0
Land use					
Permanent crops	ha	6.6	84.9	94.0	105.5
Non-irrigated agricultural areas	ha	0.9	19.3	43.0	63.2
Forests	ha	13.9	24.9	2.4	41.2
Open spaces with little or no vegetation	ha	0.0	0.0	0.0	0.0
Other	ha	0.0	0.0	0.0	0.0

Map Information

A wildfire is raging from Saturday July 31 noon in Agialeia 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, Kamarae, Lampiri and Ziria villages and a camping with children have been evacuated for precautionary reasons. According to Fire Service 294 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 grading 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 0.25 m or better, from native positional accuracy of the background satellite image. The minimum mapping unit

Relevant date records (UTC)

Event	31/07/2021 12:38	Situation as of	02/08/2021 09:22
Activation	01/08/2021 10:55	Map production	02/08/2021

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 AoI, 0° off-nadir angle) provided under COPERNICUS by the European Union and ESA.
 Post-event image: SPOT 7/6 © Airbus DS (2021), (acquired on 02/08/2021 at 09:22 UTC, GSD 1.5 m, approx. 0% cloud coverage in AoI, 35.4° off-nadir angle), provided under COPERNICUS by the European Union and ESA, all rights reserved.
 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://ghsl.jrc.ec.europa.eu/ghs_popup2019.php
 Digital Elevation Model: SRTM (90 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 shapefiles, 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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