



GLIDE number: N/A
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Activation ID: EMSR516
Product N.: 01AGIAEIRINI, v1

Agia Eirini - GREECE

Wildfire - Situation as of 06/07/2021

Grading - Overview map 01

Cartographic Information

1:16000 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
Transportation Grading
Road, Possibly damaged
Primary Road, No visible damage
Secondary Road, No visible damage
Local Road, No visible damage
Cart Track, No visible damage

General Information
Area of Interest
Placenames
Placename
Hydrography
Stream
Lake
Physiography & Land Use - Land Cover
Features available in the vector package

Land Use-Cover Grading
Destroyed
Damaged
Possibly damaged

Consequences within the AOI		Unit of measurement				Total in AOI	
	ha	Destroyed	Damaged	Possibly damaged	Total	ha	
Burnt area						224.4	
Estimated population						1,251	
Transportation						49.3	
Primary Road	km	0.0	0.0	0.0	0.0	21.1	
Secondary Road	km	0.0	0.0	0.0	0.0	34.4	
Local Road	km	0.0	0.0	0.0	0.0	98.1	
Cart Track	km	0.0	0.0	1.3	1.3	98.1	
Land use						861.1	
Permanent crops	ha	0.0	31.2	16.1	47.3	177.4	
Perennials	ha	0.0	66.2	71.4	137.6	1,251.7	
Heterogeneous agricultural areas	ha	0.0	0.0	0.0	0.0	1,085.9	
Forest	ha	0.0	184.6	165.9	350.5	1,839.8	
Shrub and/or herbaceous vegetation association	ha	0.0	0.0	0.0	0.0	90.5	
Other	ha	0.0	0.0	0.0	0.0	90.5	

* Presence of damage process and proximity with destroyed/damaged asset
** Sum of Destroyed, Damaged and Possibly damaged

Map Information

A big wildfire is raging from 3rd July morning in the island of Kefalonia. Large forests and rural areas were burnt down and several villages as Keparandriti, Agia Eirini, Markopoulo, Kremmido, Pasts and Koliativewere were evacuated. According to Fire Service, 116 firefighters with 32 vehicles are operating in the area, with the assistance of ground forces and helicopters, even though the strong wind made firefighters' work extremely difficult. It was declared by the head of Fire Brigades that nobody was injured or harmed. On the 4th July, the situation was better as winds have weakened. The Copernicus EMS Rapid Mapping Service products will be used by fire service during firefighting operations and by local authorities for recovery and restoration planning of the affected area.

The present map shows the damage grade assessment in the area of Agia Eirini (Greece). The thematic layer has been derived from post-event satellite imagery means of visual interpretation. The scale of analysis is 1:25 000. The estimated geometric accuracy (RMSE) is 6.25 m or better, from native positional accuracy of the background satellite image. The minimum mapping unit (MMU) is 625 sq m.

Relevant date records (UTC)

Event	03/07/2021 11:13	Situation as of	06/07/2021 08:41
Activation	05/07/2021 06:49	Map production	06/07/2021

Data sources

Pre-event image: Sentinel-2A/B (2021) (acquired on 30/06/2021 at 09:30 UTC, GSD 10 m, approx. 0 % cloud coverage in AOI, 0° off-nadir angle) provided under COPERNICUS by the European Union.

Post-event image: SPOT 6/7 © Airbus DS (2021), (acquired on 06/07/2021 at 08:41 UTC, GSD 1.5 m, approx. 0% cloud coverage in AOI, 35.5° off-nadir angle), provided under COPERNICUS by the European Union and ESA, all rights reserved.

Base vector layers: OpenStreetMap © OpenStreetMap contributors (2021), Wikimedia.org, GeoNames 2015, Corine Land Cover (CLC) 2018, EuroBoundaryMap 2017 © EuroGeographics, refined by the producer.

Inset maps: JRC 2013, GISCO 2010 © EuroGeographics, Natural Earth 2012, CCM River DB © ELURC2007, GeoNames 2015.

Population data: GHS Population Grid © European Commission, 2019
https://ghsl.jrc.ec.europa.eu/ghs_pop2019.php
Digital Elevation Model: SRTM (90 m) (NASA/USGS)

Disclaimer

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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/EMSR516>

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