



Fokida - GREECE
Wildfire - Situation as of 08/08/2021
 Delineation MONIT01- Overview map 01



Cartographic Information

1:31000 Full color A1, 200 dpi resolution
 0 0,5 1 2 km
 Grid: WGS 1984 UTM Zone 34N map coordinate system
 Tick marks: WGS 84 geographical coordinate system

Legend

- Crisis Information**
 - Burnt Area (08/08/2021 08:38 UTC)
 - Area of Interest
- Administrative boundaries**
 - Municipality
 - County
- Phenomena**
 - Residential
 - Hydrography
 - Stream
- Facilities**
 - Power and communication line
 - Construction for mining or extraction
 - Sport and recreation constructions
 - Other civil engineering works not elsewhere classified
 - Long-distance pipelines, communication and electricity lines
- Transportation**
 - Highway
 - Primary Road
 - Secondary Road
 - Local Road
 - Canal/Track
 - Sideline
 - Secondary Road
 - Canal/Track
- Physiography & Land Use - Land Cover**
 - Permanent crops
 - Heterogeneous agricultural areas
 - Forests
 - Shrub and/or herbaceous vegetation association
 - Open spaces with little or no vegetation

Consequences within the AOI		Unit of measurement	Affected	Total in AOI
Burnt area		ha	47	2.854,0
Estimated population		Number of inhabitants	11,8	3.193
Build-up	Residential Buildings	ha	11,8	229,8
Transportation	Highways	km	0,0	33,7
	Primary Road	km	0,0	2,2
	Secondary Road	km	4,8	52,5
	Local Road	km	20,4	198,8
	Canal/Track	km	17,5	120,0
Facilities	Constructions for mining or extraction	ha	0,0	25,4
	Sport and recreation constructions	ha	0,0	1,2
	Other civil engineering works not elsewhere classified	ha	0,0	41,8
	Long-distance pipelines, communication and electricity lines	km	5,6	49,6
Land use	Arable land	ha	30,6	272,5
	Permanent crops	ha	173,7	1.357,3
	Heterogeneous agricultural areas	ha	386,1	3.193,8
	Forests	ha	199,1	2.206,4
	Shrub and/or herbaceous vegetation association	ha	1.954,0	11.894,9
	Open spaces with little or no vegetation	ha	39,6	303,6
	Other	ha	7,9	3.927,6

Map Information

A wildfire is raging on Thursday noon in Central Greece, burning down large forest and rural areas. The moderate wind and high flammability of forest fuels due to prolonged drought, make the work of firefighters very difficult. Elaia and Kalitheia villages have been evacuated for precautionary reasons. According to Fire Service 28 firefighters with 10 vehicles are currently operating in the area, assisted by 1 ground force group.

The present map shows the fire delineation in the area of Fokida (Greece). The thematic layer has been derived from post-event satellite image using a semi-automatic approach. The estimated geometric accuracy (RMSE) is 12.5 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	05/08/2021 12:19	Situation as of	08/08/2021 08:38
Activation	06/08/2021 08:21	Map production	08/08/2021

Data sources

Pre-event image: Sentinel-2A/B (2021) (acquired on 01/08/2021 at 09:20 UTC, GSD 10.0 m, approx. 0% cloud coverage in AOI) provided under COPERNICUS by the European Union and ESA.
 Post-event image: SPOT7 © Airbus DS (2021), (acquired on 08/08/2021 at 08:38 UTC, GSD 1.5 m, approx. 0% cloud coverage in AOI, 37.7° 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.
 Inset maps: JRC 2013, GISCO 2010 © EuroGeographics, Natural Earth 2012, CCM River DB © EUJRC2007, GeoNames 2015.

Population data: GHS - Population Grid © European Commission, 2019
 https://ghsl.jrc.ec.europa.eu/ghs_pop2019.php
 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.

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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 ITHACA released by e-GEOS (ODO).

For the latest version of this map and related products visit <https://emergency.copernicus.eu/EMSR530>

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