

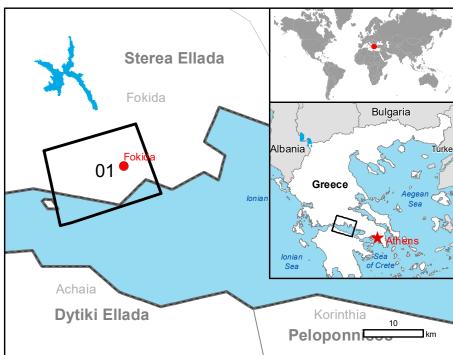
Int. Charter Act. ID: N/A

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Fokida - GREECE

Wildfire - Situation as of 08/08/2021

Delineation MONIT01- Overview map 01



Cartographic Information

Full color A1, 200 dpi resolution

Grid: WGS 1984 UTM Zone 34N map coordinate system

Legend

Unit of measurement Affected Total in AOI

Burnt area		ha		2,804.0
Estimated population	Number of inhabitants		47	3,193
Built-up	Residential Buildings	ha	11.8	229.8
Transportation	Highways	km	0.0	33.7
	Primary Road	km	0.0	12.2
	Secondary Road	km	4.8	52.5
	Local Road	km	20.4	198.8
	Cart Track	km	17.5	173.0
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	11.6
	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	399.1	3,193.6
	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	320.6
	Other	h o	7.0	2 027 6

Map Information

A wildfire is raging from Thursday noon in Central Greece, burning down large forest and rural areas. The moderate wind and high flammability of forest fuels due to prolonged draught, make the work of firefighters very difficult. Elaia and Kallithea 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)

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/ent	05/08/2021 12:19	Situation as of	08/08/2021 08:38
ctivation	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

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 ©

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

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

Delivery formats are Layered Geospatial PDF, GeoJPEG and vector (ESRI shapefiles,

Map produced by ITHACA released by e-GEOS (ODO).

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