



Bilia - GREECE

Wildfire - Situation as of 23/08/2021

Delineation MONIT01 - Overview map 01



Cartographic Information

1:31000 Full color A1, 200 dpi resolution



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

Legend

- Crisis Information**
 - Fire Fronts
 - Burnt Area
- General Information**
 - Area of Interest
 - Not Analyzed
 - Administrative boundaries
 - Region
 - Municipality
 - Placenames
- Built-Up Area**
 - Residential
 - Public entertainment
 - Multi-functional
- Hydrography**
 - Stream
- Transportation**
 - Primary Road
 - Secondary Road
 - Local Road
 - Cart Track
- Physiography & Land Use - Land Cover**
 - Features available in the vector package

Consequences within the AOI			
	Unit of measurement	Affected	Total in AOI
Burnt area	ha	42.4	9,734.9
Active Flames	No.	11	11
Fire Fronts	km	9.2	9.2
Estimated population	Number of inhabitants	25	1,925
Built-up	Residential buildings	ha	42.4
	Public entertainment buildings	ha	0.0
	Multi-functional buildings	ha	11.2
Transportation	Primary Road	km	2.5
	Secondary Road	km	2.2
	Local Road	km	19.1
	Cart Track	km	36.7
Land use	Arable land	ha	125.3
	Permanent crops	ha	0.0
	Pastures	ha	19.2
	Heterogeneous agricultural areas	ha	201.3
	Forests	ha	2,651.3
	Shrub and/or herbaceous vegetation association	ha	6,993.9
	Open spaces with little or no vegetation	ha	94.0
Other	ha	0.0	

Map Information

A wildfire is raging from Monday noon in the west sector of Attica region at Pateras mountain, burning down large forests rural and urban areas. The moderate wind and high flammability of forest fuels due to prolonged draught, make the work of firefighters very difficult. The residential communities of Mikro or Mega Bathythori, Agios Georgios, Agia Paraskevi, Kryo Pagadi, Palaiohari and Beniza have been evacuated for precautionary reasons. According to Fire Service 330 firefighters with 115 vehicles are currently operating in the area, assisted by eight (8) ground force group, including forces deployed by the European Civil Protection Mechanism, 143 firefighters from Poland with 40 vehicles, six (6) helicopters and five (5) planes including Beriev-200. The Defkallon Plan was activated and the Greek Army assisted by 5 ground force group.

The present map shows the fire delineation in the area of Bilia (Greece). The thematic layer has been derived from post-event satellite image by means of visual interpretation. Due to dense smoke, the burnt area delineation is not complete. The scale of analysis is 1:50000. The estimated geometric accuracy (RMSE) is 20 m or better, from native positional accuracy of the background satellite images. The minimum mapping unit (MMU) is 2500 sq m.

Relevant date records (UTC)

Event	16/08/2021 09:29	Situation as of	23/08/2021 09:19
Activation	17/08/2021 07:03	Map production	24/08/2021

Data sources

Pre-event image: Sentinel-2B (2021) (acquired on 29/07/2021 at 09:19 UTC, GSD 10 m, approx. 0% cloud coverage in AOI) provided under COPERNICUS by the European Union and ESA.

Post-event image: Sentinel-2A (2021) (acquired on 23/08/2021 at 09:19 UTC, GSD 10 m, approx. 0% cloud coverage in AOI) provided under COPERNICUS by the European Union and ESA.

Base vector layers: OpenStreetMap © OpenStreetMap contributors (2021), Wikimapia.org, GeoNames 2015, EuroBoundaryMap 2017 © EuroGeographics.
 Inset maps: JRC 2013, GISCO 2010 © EuroGeographics, Natural Earth 2012, CCM River DB © EUJRC2007, GeoNames 2015.

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

Map produced by Telespazio Iberica released by e-GEOS (ODD).

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