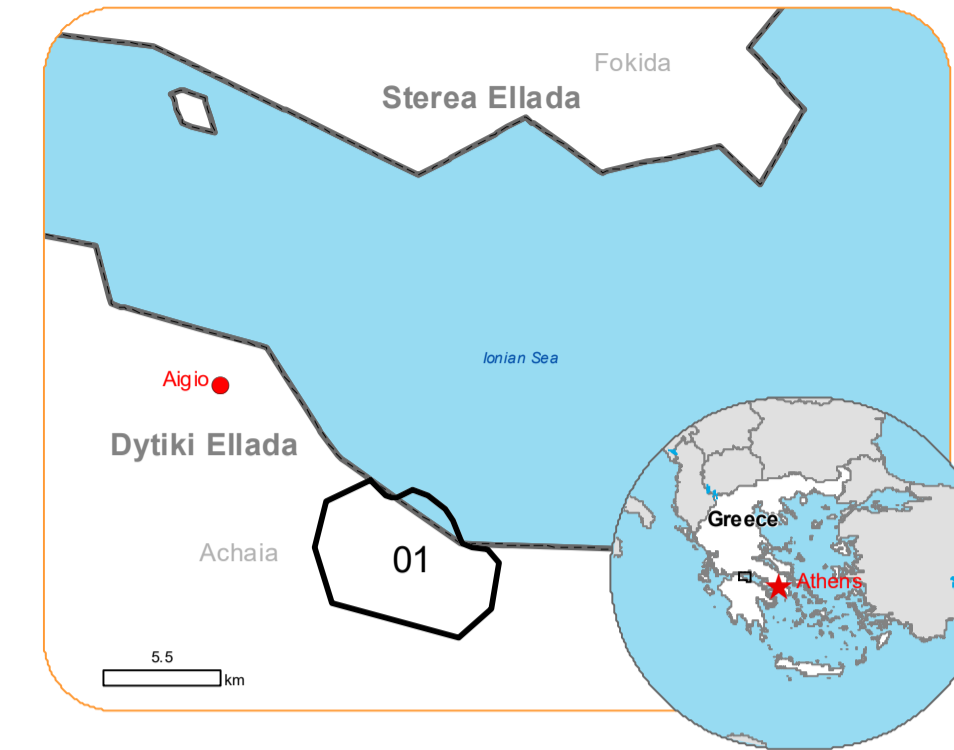




Situation as of 28/07/2023 09:25 UTC
Grading MONIT01 - Overview map 01



Burnt area 1,772.1 ha
Potentially affected population ~ 80

Potentially Affected Built-up and Transportations

Built-Up
84 No.

Crisis Information

- Burnt Area
- Residential Building, Possibly damaged
- Non-residential Building, Possibly damaged
- Facilities Grading
 - Long-distance pipeline or line, Possibly damaged
- Transportation Grading
 - Main road, No visible damage
 - Track, No visible damage
 - Local road, No visible damage
 - Railway, No visible damage
 - Highway, No visible damage

Affected Land Use-Cover

- Permanent crops
- Heterogeneous agricultural areas
- Shrub and/or herbaceous vegetation associations
- Open spaces with little or no vegetation
- Other

General Information

- Area of Interest
- Image Footprint
- Placenames
 - Placename
- Hydrography
 - River
 - Stream

Event:
On the 23 July 2023, at 13:50, a wildfire is reported to have affected Peloponnese, Greece. The event is on-going. Residents of the villages Kastro and Trapeza were ordered to evacuate. Copernicus EMS Rapid Mapping is requested to provide initial rough estimation, wildfire extent and damage assessment emergency mapping.

Data sources and analysis:
Pre-event image: ESRI World Imagery © DigitalGlobe (acquired on 16/07/2021, resolution 0.5 m).
Post-event image: Pléiades-1A/B © CNES (2023), distributed by Airbus DS (acquired on 28/07/2023 at 09:25 UTC, resolution 0.5 m).

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Base vector layers: OpenStreetMap © OpenStreetMap contributors (2023), 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, 2022 https://ghsl.jrc.ec.europa.eu/ghs_pop2022.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.

The thematic layer has been derived from post-event satellite image by means of visual interpretation.

The current burnt area cumulates all burnt area extents from previous post-event products.

Disclaimer: Full disclaimer and other helpful information available in the online manual:

Map produced by Telespazio Iberica released by e-GEOS on the 28/07/2023.

Details on this activation and service conditions available through the QR code or at the link: <https://emergency.copernicus.eu/EMSR676>



Consequences within the AOI						
	Unit of measurement	Destroyed	Damaged	Possibly damaged*	Total affected**	Total in AOI
Burnt area	ha					1,772.1
Estimated population	Number of inhabitants				~ 80	~ 2,600
Built-up	Residential Buildings	ha	0.0	0.0	0.0	205.2
	Industrial buildings	ha	0.0	0.0	0.0	2.0
	School, university and research buildings	ha	0.0	0.0	0.0	0.8
	Cemetery	ha	0.0	0.0	0.0	0.7
	Residential Buildings	No.	0	0	70	70
	Building point	No.	0	0	14	14
Transportation	Highways	km	0.0	0.0	0.0	16.1
	Primary Road	km	0.0	0.0	0.0	8.5
	Secondary Road	km	0.0	0.0	0.0	4.5
	Local Road	km	0.0	0.0	0.0	104.8
	Cart Track	km	0.0	0.0	0.0	141.1
	Railway Yard	km	0.0	0.0	0.0	1.0
	Long-distance railways	km	0.0	0.0	0.0	27.8
Facilities	Breakwater	ha	0.0	0.0	0.0	0.1
	Sport and recreation constructions	ha	0.0	0.0	0.0	1.1
	Long-distance pipelines, communication and electricity lines	km	0.0	0.0	0.2	8.1
Land use	Shrub and/or herbaceous vegetation association	ha			1,610.9	2,277.8
	Heterogeneous agricultural areas	ha			87.7	459.6
	Permanent crops	ha			42.3	1,127.5
	Open spaces with little or no vegetation	ha			30.0	92.0
	Other	ha			1.3	354.5
	Forests	ha			0.0	15.7
* Presence of damage proxies and proximity with destroyed/damaged asset						
** Sum of all damage classes						

Disclaimer:

Full disclaimer and other helpful information available in the online manual:
<https://emergency.copernicus.eu/mapping/ems/online-manual-rapid-mapping-products>
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Data access:

All data displayed on the map(s), as well as the Physiography and Land Use - Land Cover layers, are available in the Crisis Information Package and the Base Layer Package (for reference data). The table above is available in editable format in the Crisis Information Package. All products and data are also available for download on the portal.

Access to the portal

