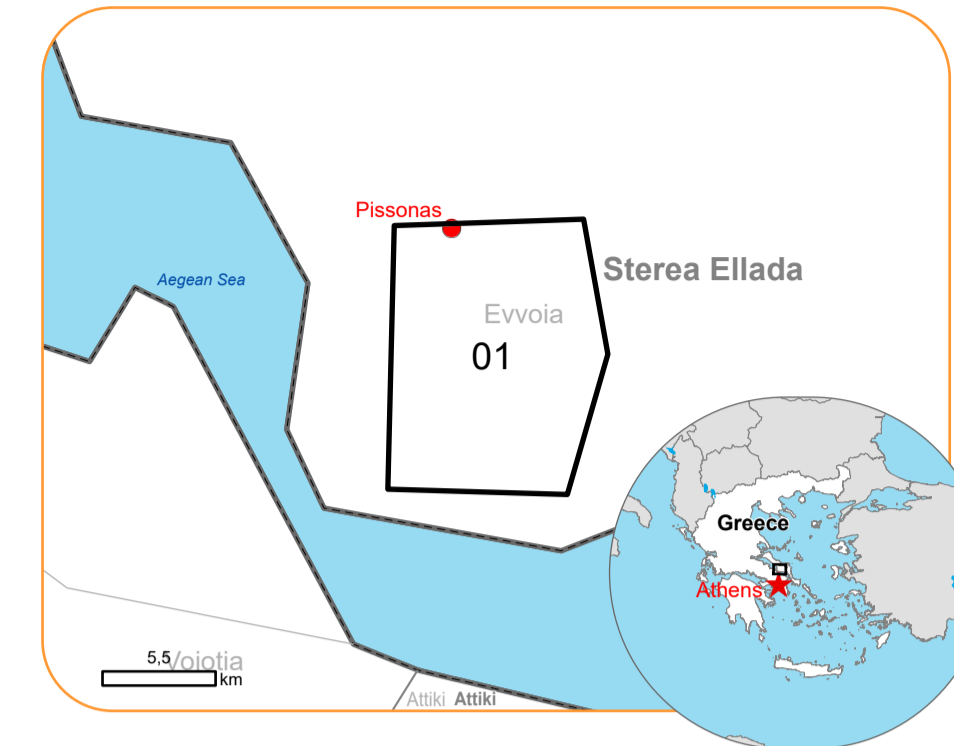


EMSR744 - AOI01
Wildfire in Evia Island, Central Greece
PISSONAS

Situation as of 02/08/2024 09:11 UTC
Delineation - Overview map 01



Burnt area 970.4 ha
Potentially affected population ~ 100

Potentially Affected Built-up and Transportations

Road 29.5 km
Built-Up 4.3 ha

- | | |
|---|------------------------------------|
| Crisis Information | Hydrography |
| Burnt area | Lake, River |
| Previous burnt area | Facilities |
| General Information | Long-distance pipelines or lines |
| Area of Interest | Local pipelines or lines |
| Administrative Boundaries | Mining or extraction site |
| Municipality | Power plant |
| Built-Up Area | Sport and recreation constructions |
| Residential | Transportation |
| Non residential | Main road |
| School, university and research buildings | Local road |
| | Track |

	Current		Forecast	
	02 August 09:11 UTC	03 August 09:11 UTC	03 August 09:11 UTC	04 August 09:11 UTC
Wind direction and speed	3 km/h	3 km/h	3 km/h	3 km/h
Temperature and relative humidity	27° 46%	29° 33%	31° 42%	

Data retrieved from ECMWF on August 02, 09:11 UTC. Calculated at: 38°N, 23°E.

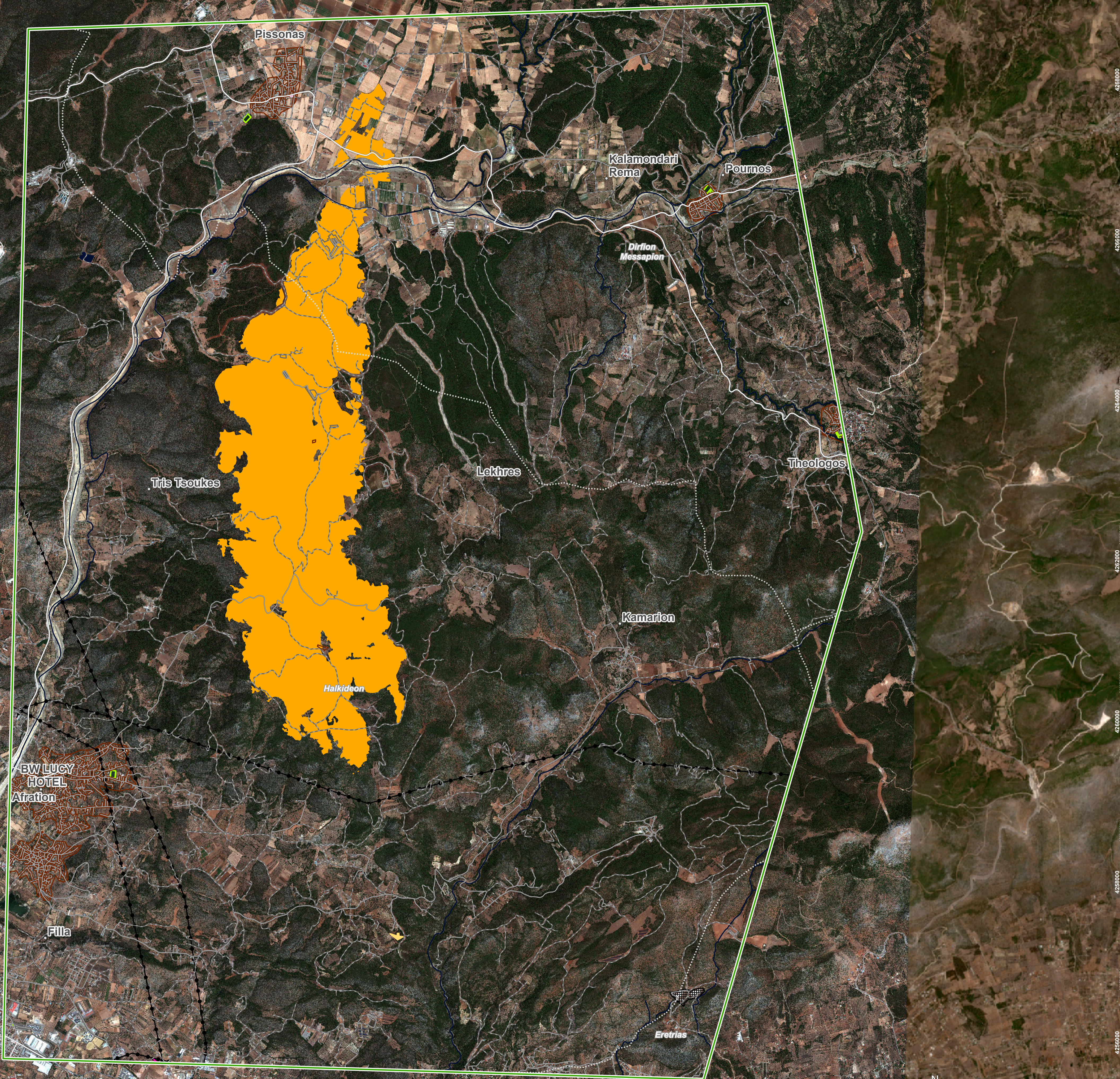
Event: On the 31 July 2024 at 13:00, a wildfire is reported to have affected Evia Island, Central Greece, Greece. The wildfire started near the Pissonas village, 15 Km northeast from Chalkida. The fire expanded rapidly due to strong winds. Residents of Afrati, Kamarion, Kalyvia, and Agios Gevrgios Armas had to be evacuated and a 112 cell-broadcasting message was sent for this purpose. Ground forces and aerial means were used for fire suppression, 60 vehicles with 122 firefighters, 72 ground forces, 10 helicopters and 15 airplanes were used for fire suppression, assisted by municipality vehicles/machinery and volunteer organizations. Copernicus EMS Rapid Mapping is requested to provide fire extent emergency mapping. The fire is ongoing and firefighters are still operating in the area.

Data sources and analysis: Pre-event image: Sentinel-2A/B (2024) (acquired on 28/07/2024 at 09:06 UTC, resolution 10.0 m). This image is used as background image. Post-event image: GEOEYE © Maxar Technologies, Inc. (2024), (acquired on 02/08/2024 at 09:11 UTC, resolution 2.0 m). This image is used as background image. All images are provided under COPERNICUS by the European Union and ESA, all rights reserved.

The thematic layer has been derived from post-event satellite image using a semi-automatic approach.

Map produced by ITHACA released by e-GEOS on the 05/08/2024.

Details on this activation and service conditions available through the QR code or at the link: <https://rapidmapping.emergency.copernicus.eu/EMSR744>



0 0.4 0.8 1.6 km
WGS 1984 UTM Zone 34N 1:25,000

Consequences within the AOI		Unit of measurement	Affected	Total in AOI
Burnt area		ha		970,4
Estimated population	Number of inhabitants		~ 100	~ 4.000
Built-up	Residential Buildings	ha	0,3	130,5
	Industrial buildings	ha	0	25,1
	School, university and research buildings	ha	0	0,02
	Other non-residential buildings	ha	4,0	4,0
	Cemetery	ha	0	0,7
Transportation	Primary Road	km	0	0,9
	Secondary Road	km	0,4	28,1
	Local Road	km	5,2	139,8
	Cart Track	km	23,8	457,4
Facilities	Constructions for mining or extraction	ha	0	4,8
	Power plant constructions	ha	0	0,2
	Sport and recreation constructions	ha	0	2,0
	Long-distance pipelines, communication and electricity lines	km	0	23,8
	Local pipelines and cables	km	0	0,1
Land use	Shrub and/or herbaceous vegetation association	ha	582,3	7.090,9
	Forests	ha	284,3	757,4
	Arable land	ha	58,9	1.232,7
	Heterogeneous agricultural areas	ha	42,9	2.910,9
	Open spaces with little or no vegetation	ha	1,9	152,8
	Permanent crops	ha	0	471,2
	Other	ha	0	199,5

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

**Estimated Population:**

Estimated population is based on Copernicus Global Human Settlement Layer (GHSL) dataset. Additional population datasets and analysis are available in the summary table.

Data Sources:

Base Vector Layers: OpenStreetMap © OpenStreetMap contributors (2024), 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.
 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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