GLIDE number: N/A
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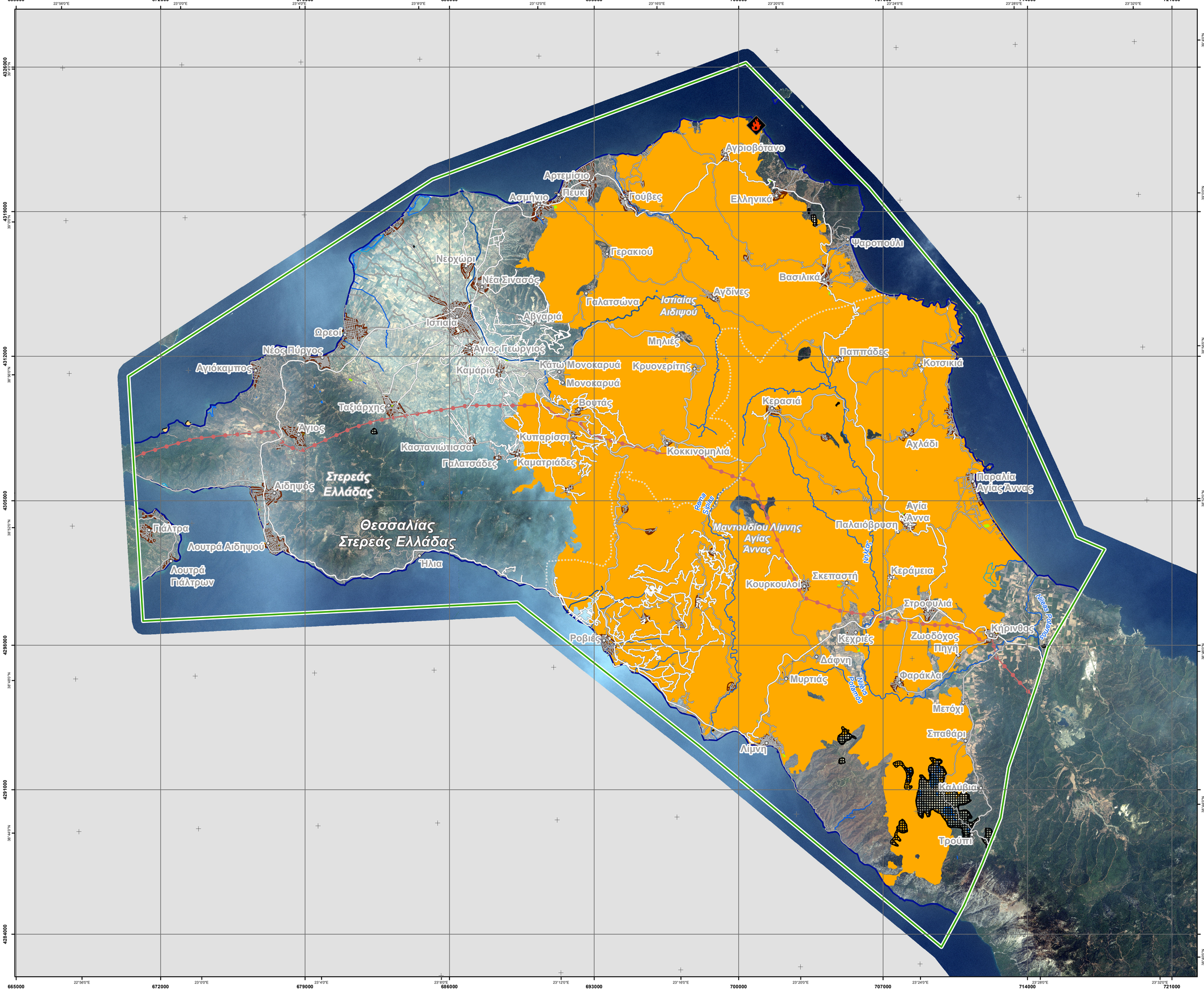
Activation ID: EMSR527
Product N.: 01EVIA, v1

Evia - GREECE

Wildfire - Situation as of 11/08/2021

Delineation MONIT03 - Overview map 01



Cartographic Information

1:84000

Full color A1, 200 dpi resolution

0 1,5 3 6 km

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

N

Legend

Crisis Information
- Active Flames
- Burnt Area

General Information
- Area of Interest

Administrative boundaries
- Municipality

Placenames
- Placename

Built-Up Area
- Residential
- Industrial
- School, university and research
- Sports hall
- Cemetery

Hydrography
- Coastline
- River
- Stream
- Lake
- Land Subject to Inundation

Facilities
- Power and communication line
- Construction for mining or extraction
- Power plant construction
- Sport and recreation constructions
- Aquaculture
- Breakwater

Transportation
- Primary Road
- Secondary Road
- Local Road

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		50,909.9
Not applicable		ha		11.6
Active Flames		No.		1
Estimated population		Number of inhabitants	5,630	35,658
Built-up	Residential Buildings	ha	214.4	1,246.3
	Industrial buildings	ha	0.1	0.8
	School, university and research buildings	ha	0.8	3.9
	Sports halls	ha	15.1	18.3
	Cemetery	ha	2.0	4.7
Transportation	Primary Road	km	242.5	427.8
	Secondary Road	km	56.7	127.2
	Local Road	km	314.5	826.1
Facilities	Breakwater	ha	0.0	0.4
	Constructions for mining or extraction	ha	236.4	1,225.6
	Power plant constructions	ha	0.3	0.7
	Sport and recreation constructions	ha	5.7	14.9
	Other civil engineering works not elsewhere classified	ha	0.0	8.7
	Long-distance pipelines, communication and electricity lines	km	25.4	51.3
Land use	Arable land	ha	1,966.8	5,869.7
	Permanent crops	ha	3,495.8	8,358.1
	Heterogeneous agricultural areas	ha	11,327.3	19,799.5
	Forests	ha	27,476.9	34,893.5
	Shrub and/or herbaceous vegetation association	ha	6,208.6	14,194.4
	Open spaces with little or no vegetation	ha	89.0	289.6
	Inland wetlands	ha	50.4	50.4
	Other	ha	283.2	24,730.3
	Coastal wetlands	ha	0.0	134.2

Map Information

From Tuesday afternoon wildfires are raging the island of Evia and the north sector of Attica region in Greece, burning down large forests, urban interfaces and rural areas. The moderate wind, high temperatures and high flammability of forest, make the work of firefighters very difficult. Several firefighters with numerous vehicles are currently operating in the affected areas.

The present map shows the fire delineation in the area of Evia (Greece). The thematic layer has been derived from post-event satellite image by means of visual interpretation. The scale of analysis is 1:25000. The estimated geometric accuracy (RMSE) is 6.25 m or better, from native positional accuracy of the background satellite image. The minimum mapping unit (MMU) is 625 sqm .

Relevant date records (UTC)

Event	03/08/2021 13:22	Situation as of	11/08/2021 09:04
Activation	04/08/2021 08:22	Map production	11/08/2021

Data sources

Pre-event image: PlanetScope © Planet, 2021 (acquired on 31/07/2021 at 08:24 UTC, GSD 3.0 m, approx. 0% cloud coverage in AoI), provided under COPERNICUS by the European Union and ESA, all rights reserved.
Sentinel-2A (2021) (acquired on 14/07/2021 at 09:06 UTC, GSD 10.0 m, approx. 0% cloud coverage in AoI, 0° off-nadir angle) provided under COPERNICUS by the European Union and ESA.
Post-event image: SPOT7 © Airbus DS (2021), (acquired on 11/08/2021 at 09:04 UTC, GSD 1.5 m, approx. 0% cloud coverage in AoI, 20.8° 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

Disclaimer

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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
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