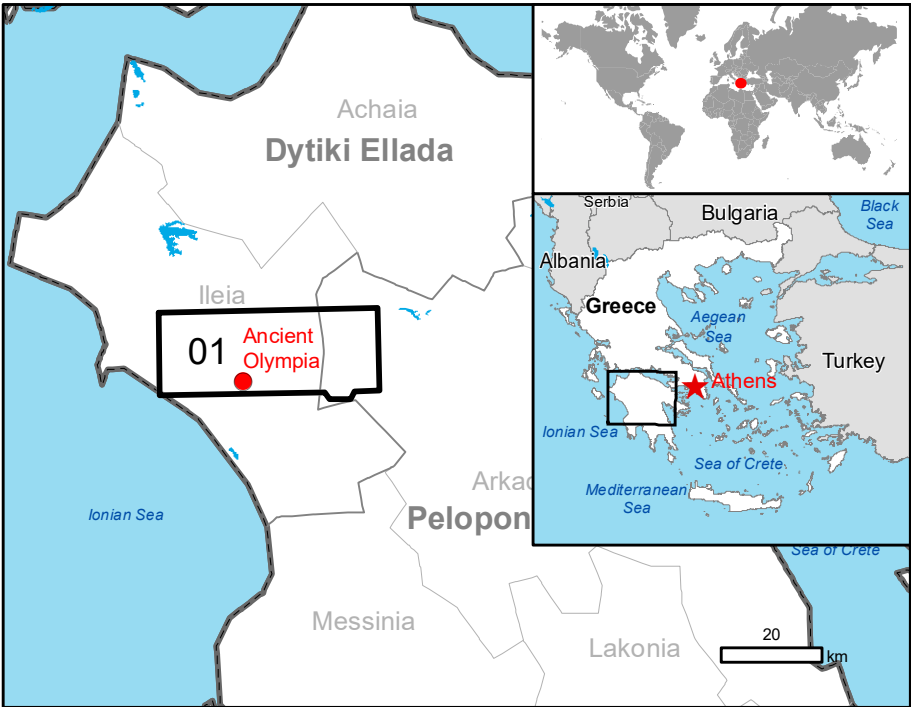


GLIDE number: N/A Activation ID: EMSR528
Int. Charter Act. ID: N/A Product N.: 01ANCIENTOLYMPIA, v1

Ancient Olympia - GREECE

Wildfire - Situation as of 14/08/2021

Delineation MONIT06 - Overview map 01



Cartographic Information

1:75000 Full color A1, 200 dpi resolution

0 1.25 2.5 5 km

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

Legend

Crisis Information	Placenames	Hydrography	Facilities
<ul style="list-style-type: none">Burnt Area (WGS84 1984-42 UTC)Area of InterestNot AnalyzedAdministrative boundariesProvinceMunicipality	<ul style="list-style-type: none">PlacenameBuilt-up Area<ul style="list-style-type: none">ResidentialOfficeIndustrialLand subject to inundationSchool, university and researchSeminary	<ul style="list-style-type: none">CoastlineRiverStreamLakeSeaOpen Water	<ul style="list-style-type: none">Power and communication lineNavigable canalDamConstruction for mining or extractionPower plant constructionSport and recreation constructionsDamSettling BasinTransportation<ul style="list-style-type: none">Primary RoadSecondary RoadLong-distance railwayAirfield runwayAirfield runwayHelped

Consequences within the AOI		
	Affected	Total in AOI
Burnt area	ha	17,861.8
Estimated population	2,106	33,393
Built-up	ha	642.3
Transportation	km	69.8
Facilities	km	21.2
Land use	ha	17,861.8

Full table available in the vector package

Map Information

A wildfire is raging since 4 July 2021 in Ancient Olympia Municipality at Western Greece Region, burning down large forests of pine and rural areas. The fire is active on several fronts. The moderate wind, high temperatures and high flammability of forest fuels make the work of firefighters very difficult. The areas of Ancient Olympia, Pelopio, Platano, Koskina, Mageiras, Kladeo, Xelidoni, Kalykonia have been ordered to evacuate for precautionary reasons. In the area 174 firefighters with 52 vehicles, assisted by 9 ground force groups, four (4) helicopters and two (2) planes have been deployed. Voluntary firefighters, water tankers and local government machinery provide assistance.

The present map shows the fire Delineation Product in the area of Ancient Olympia (Greece). The thematic layer has been derived from post-event satellite image using semi-automatic approach. The scale of analysis is 1:50,000. 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 sqm.

Relevant date records (UTC)

Event	04/08/2021 10:03	Situation as of	14/08/2021 08:42
Activation	05/08/2021 11:38	Map production	14/08/2021

Data sources

Pre-event image: Sentinel-2A/B (2021) (acquired on 01/08/2021 at 09:20 UTC, GSD 10 m, approx. 0 % cloud coverage in AOI, 0° off-nadir angle) provided under COPERNICUS by the European Union and ESA.
Post-event image: SPOT6 © Airbus DS (2021), (acquired on 14/08/2021 at 08:42 UTC, GSD 1.5 m, approx. 9.2% cloud coverage in AOI, 14.1° 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, EuroBoundaryMap 2017 © EuroGeographics. Inset maps: JRC 2013, GISCO 2010 © EuroGeographics, Natural Earth 2012, CCM River DB © EUJRC2007, GeoNames 2015.
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: SRTM (30 m) (NASA/USGS)

Disclaimer

Products elaborated in this Copernicus EMS Rapid Mapping activity are realized to the best of our ability, within a very short time frame, optimising the available data and information. All geographic information has limitations due to scale, resolution, date and interpretation of the original sources. No liability concerning the contents or the use thereof is assumed by the producer and by the European Union. 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 GMV released by SERTIT (ODO).

For the latest version of this map and related products visit
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jrc-ems-rapidmapping@ec.europa.eu
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