GLIDE number: N/A
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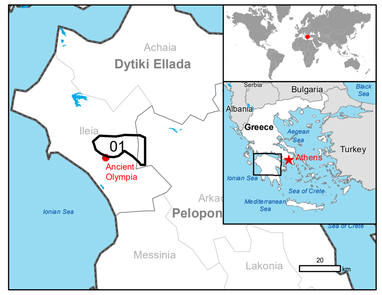
Product N.: 01ANCIENTOLYMPIA, v1

# Ancient Olympia - GREECE

## Wildfire - Situation as of 15/08/2021

Grading - Overview map 01




## Cartographic Information

1:40000

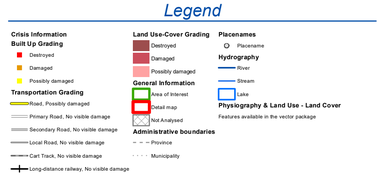
Full color A1, 200 dpi resolution

0 0.75 1.5 3 km

N

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

## Legend




| Consequences within the AOI | | | | | | |
|---|---|---|---|---|---|---|
| | | Destroyed | Damaged | Possibly damaged* | Total affected** | Total in AOI |
| Burnt area | ha | | | | | 15,148.6 |
| Estimated population | | | | | 1,752 | 7,367 |
| Built-up | No. | 4 | 73 | 1,189 | 1,266 | 1,266 |
| Transportation | km | 0.0 | 0.0 | 4.0 | 4.0 | 841.4 |
| Land use | ha | 2.1 | 7,267.6 | 8,690.5 | 15,960.2 | 24,588.0 |

* Presence of damage proxies and proximity with destroyed/damaged asset
** Sum of Destroyed, Damaged and Possibly damaged
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 fonts. The moderate wind, high temperatures and high flammability of forest fuels make the work of firefighters very difficult.
The areas of Ancient Olympia, Pelopio, Platanio, Koskina, Mageiras, Kladeo, Xelidoni, Kaykonia 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 has 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 asemi-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 | 15/08/2021 09:50 |
| Activation | 05/08/2021 11:38 | Map production | 16/08/2021 |

## Data sources

Pre-event image: WorldView-3 © Digital Globe, Inc. (2021), (acquired on 03/07/2021 at 09:22 UTC, GSD 0.5 m, approx. 0.0% cloud coverage in AoI, 10.20° off-nadir angle), provided under COPERNICUS by the European Union and ESA, all rights reserved.
WorldView-2 © Digital Globe, Inc. (2021), (acquired on 14/07/2021 at 09:44 UTC, GSD 0.5 m, approx. 0.0% cloud coverage in AoI, 28.10° off-nadir angle), provided under COPERNICUS by the European Union and ESA, all rights reserved.

Post-event image: Pléiades-1B © CNES (2021), distributed by Airbus DS (acquired on 15/08/2021 at 09:50 UTC, GSD 0.5 m, approx. 0.0% cloud coverage in AoI, 32.02° off-nadir angle), provided under COPERNICUS by the European Union and ESA, all rights reserved.
Pléiades-1B © CNES (2021), distributed by Airbus DS (acquired on 15/08/2021 at 09:50 UTC, GSD 0.5 m, approx. 0.0% cloud coverage in AoI, 31.27° 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,

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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 GMV released by SERTIT (ODO).

For the latest version of this map and related products visit
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