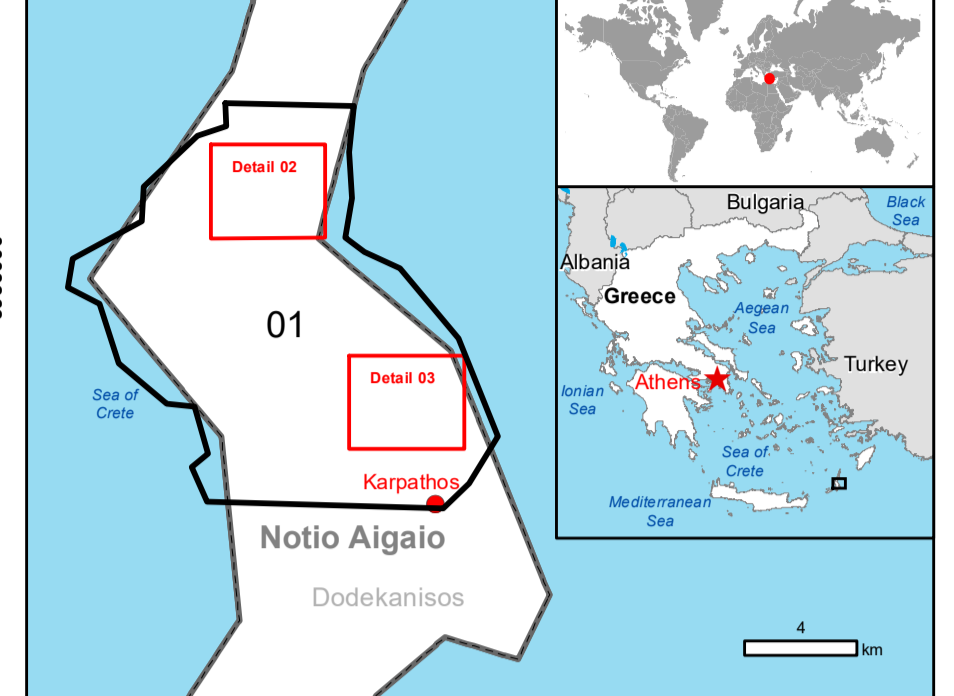


GLIDE number: N/A Activation ID: EMSR547
 Int. Charter Act. ID: N/A Product N.: 01KARPATOS, v1

Karpathos - GREECE

Wildfire - Situation as of 28/09/2021

Grading - Detail Map 03



Cartographic Information

1:6000 Full color A1, 200 dpi resolution

0 0.125 0.25 0.5 km

Grid: WGS 1984 UTM Zone 35N map coordinate system
 Tick marks: WGS 84 geographical coordinate system

Legend

- | | | |
|-------------------------------|----------------------|-----------------------|
| Crisis Information | Built-Up Area | Transportation |
| Possibly damaged | Built-Up Area | Primary Road |
| Land Use-Cover Grading | | Secondary Road |
| Damaged | | Local Road |
| Possibly damaged | | Cart Track |
| | | Placenames |
| | | Placename |

Map Information

Two wildfires are raging at Karpathos Island, in South Aegean region, in Greece, burning down forests and rural areas. The first one started on Thursday afternoon 23/9/2021 and the second on Friday morning 24/9/2021. The strong wind and high flammability of forest fuels due to prolonged draught, make the work of firefighters very difficult. According to Fire Service 30 firefighters with 7 vehicles were operating at the first fire and 38 firefighters with 6 vehicles were operating at the second fire, assisted by 5 helicopters, 5 planes, volunteers and means from the local municipal.

The present map shows the damage grade assessment in the area of Karpathos (Greece). The thematic layer has been derived from post-event satellite image by means of visual interpretation. The scale of analysis is 1:50001. 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 sq. m.

Relevant date records (UTC)

Event	23-09-2021 13:06	Situation as of	28/09/2021 08:46
Activation	27-09-2021 16:07	Map production	28/09/2021

Data sources

Pre-event image: Sentinel-2A (2021) (acquired on 19/09/2021 at 08:56 UTC, GSD 10.0 m, approx. 0% cloud coverage in AoI) provided under COPERNICUS by the European Union and ESA.

Post-event image: SPOT6 @ Airbus DS (2021), (acquired on 28/09/2021 at 08:46 UTC, GSD 6 m, approx. 0% cloud coverage in AoI), 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: GISCO 2010 @ EuroGeographics, Natural Earth 2012, CCM River DB @ EURC2007, GeoNames 2015.

Population data: GHS Population Grid @ European Commission, 2019 https://ghsl.jrc.ec.europa.eu/ghs_pop2019.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.

Disclaimer

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Delivery formats are Layered Geospatial PDF, GeoJPEG and vector (ESRI shapefiles, Google Earth KML, GeoJSON).

Map produced by SERTIT released by-GEOS (ODO).

For the latest version of this map and related products visit <https://emergency.copernicus.eu/EMSR547>

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