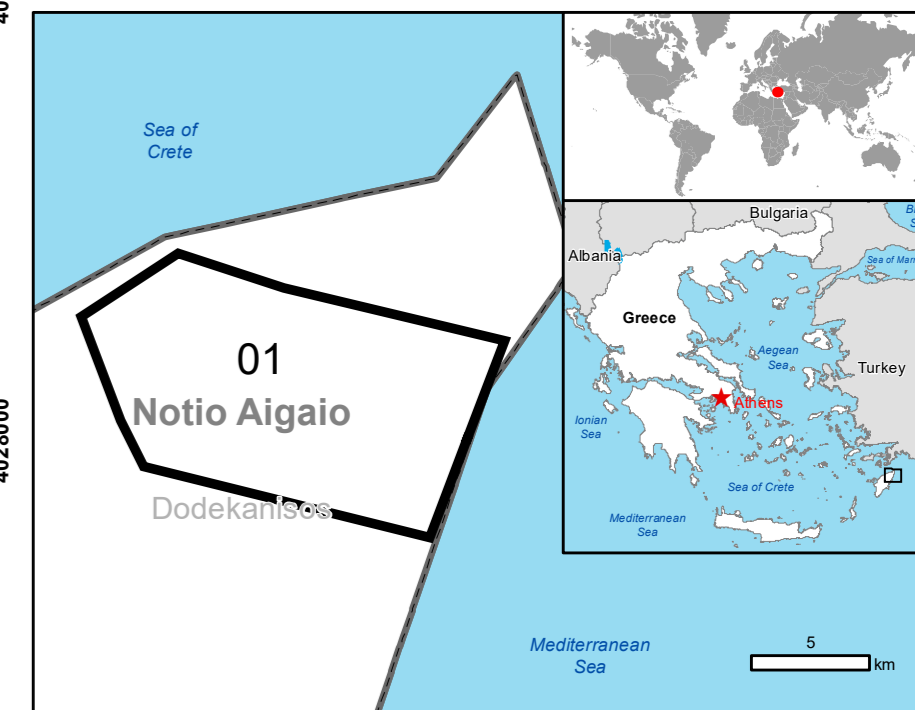


PSINTHOS - GREECE

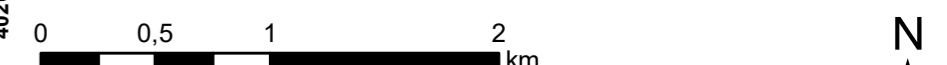
Wildfire - Situation as of 02/08/2021

Delineation - Overview map 01



Cartographic Information

1:33000 Full color A1, 200 dpi resolution



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

Legend

	Place names	Hydrography	Transportation

Consequences within the AOI		Affected	Total in AOI
Burnt area	ha	1,127.9	1,127.9
Active Flames	No.	17	17
Fire Fronts	km	1.7	1.7
Estimated population		114	11,091
Built-up	ha	27.2	486.2
Transportation	km	18.1	531.2
Facilities	km	0.0	11.3
Land use	ha	2.7	50.2
Land use	ha	1,127.9	13,565.2

Map Information

A wildfire is raging from Sunday August 01 noon in the island of Rhodes, burning down large forest and rural areas. The moderate wind and high flammability of forest fuels due to prolonged drought, make the work of firefighters very difficult. Psinthos village has been evacuated for precautionary reasons. According to Fire Service 103 firefighters with 20 vehicles are currently operating in the area, assisted by 6 ground force group, six (6) helicopters and three (3) planes and it was announced that they will be reinforced today with 56 firefighters and 14 vehicles.

The present map shows the fire in the area of Psinthos (Greece). The thematic layer has been derived from post-event satellite image by means of visual interpretation. The scale of analysis is 1:50000. The estimated geometric accuracy (RMSE) is 20.0 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	01/08/2021 15:38	Situation as of	02/08/2021 08:45
Activation	02/08/2021 13:42	Map production	02/08/2021

Data sources

Pre-event image: Sentinel-2B (2021) (acquired on 03/07/2021 at 08:45 UTC, GSD 10.0 m, approx. 0% cloud coverage in AOI) provided under COPERNICUS by the European Union and ESA.
 Post-event image: Sentinel-2B (2021) (acquired on 02/08/2021 at 08:45 UTC, GSD 10.0 m, approx. 0% cloud coverage in AOI) provided under COPERNICUS by the European Union and ESA.

Base vector layers: OpenStreetMap © OpenStreetMap contributors (2021), Wikimapia.org, GeoNames 2015, Corine Land Cover (CLC) 2018, EuroBoundaryMap 2017 © EuroGeographics, refined by the producer.
 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: 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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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 <https://emergency.copernicus.eu/EMSR526>

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