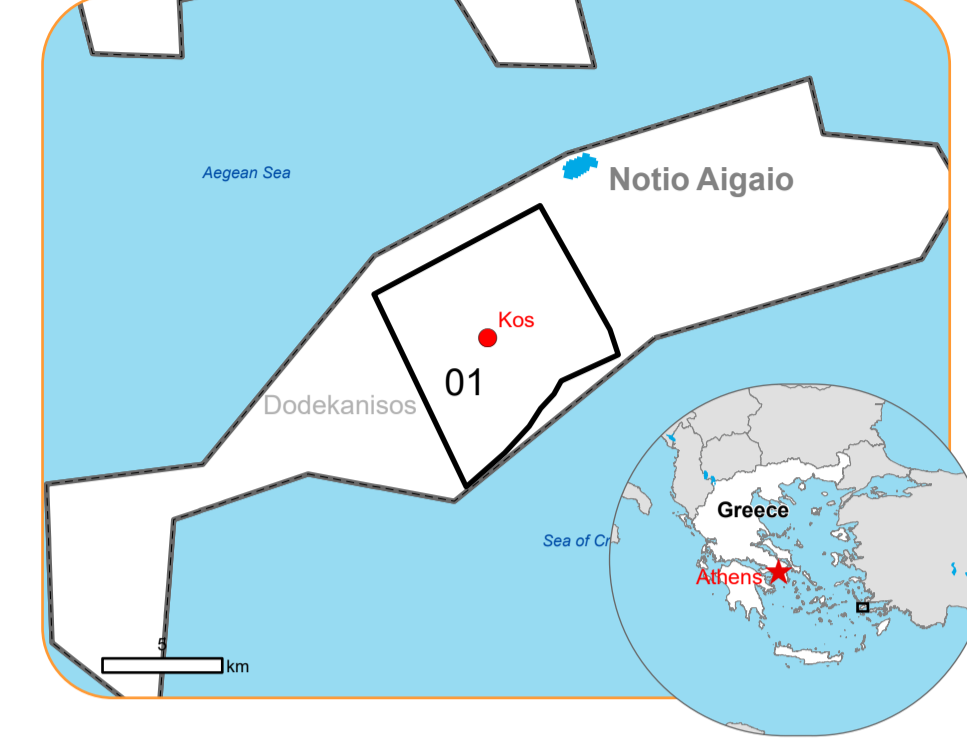


EMSR735 - AOI01  
Wildfire in Greece  
KOS

Situation as of 03/07/2024 09:23 UTC  
Grading - Overview map 01



Burnt area 439.8 ha  
Potentially affected population ~ 30

Potentially Affected Built-up

Built-Up 5 No.

- Crisis Information**
- Built Up Grading**
- Affected Land Use-Cover**
- General Information**
- Hydrography**
- Facilities**
- Transportation**

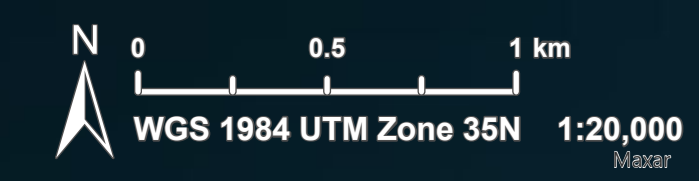
**Event:** On 1 July 2024 at noon a serious fire started at Kos Island near Pylí village. The fire expanded rapidly and Kardamaina village was evacuated. A large number of firefighters, volunteers, fire engines, water tankers, construction machinery, airplanes and helicopters were mobilized to suppress the fire. The fire is currently under control and fire fighters are still in the area for mop-up operations and resurgence monitoring. Copernicus EMS Rapid Mapping is requested to provide wildfire extent and damage assessment emergency mapping.

**Data sources and analysis:** Pre-event image: PlanetScope © Planet, 2024 (acquired on 24/06/2024 at 08:17 UTC, resolution 3.0 m). Post-event image: GeoEye-1 © Maxar Technologies, Inc. (2024), (acquired on 03/07/2024 at 09:23 UTC, resolution 2.0 m). All images are provided under COPERNICUS by the European Union and ESA, all rights reserved.

The thematic layer has been derived from post-event satellite image using a semi-automatic approach.

Map produced by SERTIT released by e-GEOS on the 03/07/2024.

Details on this activation and service conditions available through the QR code or at the link: <https://rapidmapping.emergency.copernicus.eu/EMSR735>



Consequences within the AOI						
	Unit of measurement	Destroyed	Damaged	Possibly damaged*	Total affected**	Total in AOI
Burnt area	ha					439.8
Estimated population	Number of inhabitants				~ 30	~ 4,100
Built-up	Residential Buildings	No.	0	0	0	469
	Wholesale and retail trade buildings	No.	0	0	0	4
	Public entertainment buildings	No.	0	0	0	1
	Museums and libraries	No.	0	0	0	1
	Other non-residential buildings	No.	0	0	5	6
	Non-residential farm buildings	No.	0	0	0	4
	Buildings used as places of worship and for religious activities	No.	0	0	0	4
	Hotel buildings	No.	0	0	0	59
	Unclassified	No.	0	0	0	722
Transportation	Primary Road	km	0	0	0	46.6
	Secondary Road	km	0	0	0	36.3
	Local Road	km	0	0	0	60.6
	Cart Track	km	0	0	0	110.6
Facilities	Constructions for mining or extraction	ha	0	0	0	19.4
	Power plant constructions	ha	0	0	0	0.4
	Sport and recreation constructions	ha	0	0	0	1.1
Land use	Shrub and/or herbaceous vegetation association	ha			398.2	3,416.1
	Arable land	ha			29.0	1,345.4
	Permanent crops	ha			12.7	408.9
	Pastures	ha			0	37.3
	Heterogeneous agricultural areas	ha			0	706.2
	Other	ha			0	325.3
* Presence of damage proxies and proximity with destroyed/damaged asset						
** Sum of all damage classes						

**Disclaimer:**

Full disclaimer and other helpful information available in the online manual:  
<https://emergency.copernicus.eu/mapping/ems/online-manual-rapid-mapping-products>  
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**Data Access:**

All data displayed on the map(s), as well as the Physiography and Land Use - Land Cover layers, are available in the Crisis Information Package and the Base Layer Package (for reference data). The table above is available in editable format in the Crisis Information Package. All products and data are also available for download on the portal.

**Estimated Population:**

Estimated population is based on Copernicus Global Human Settlement Layer (GHSL) dataset. Additional population datasets and analysis are available in the summary table.

**Data Sources:**

Base vector layers: OpenStreetMap © OpenStreetMap contributors (2024), 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.  
 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.

Access to the portal

