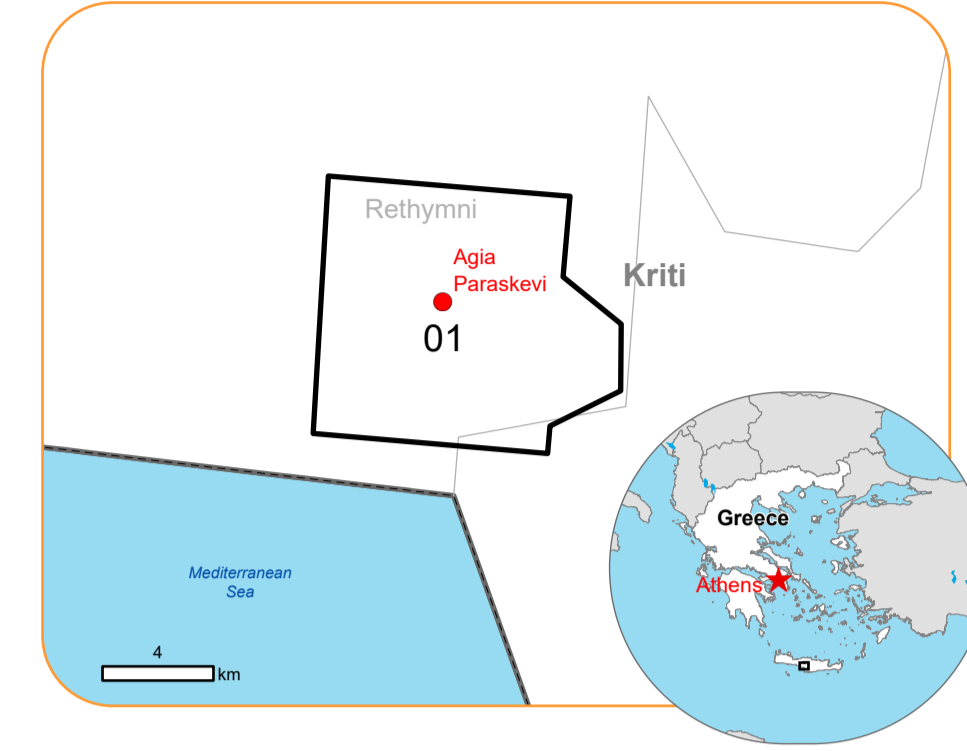


EMSR745 - AOI01
Wildfire in Crete, Greece
AGIA PARASKEVI

Situation as of 09/08/2024 09:12 UTC
 Delineation - Overview map 01



Burnt area 976.1 ha **Potentially affected population ~ 100**

Potentially Affected Built-up and Transportations

Road 22.4 km **Built-Up 0.8 ha**

- Crisis Information**
- Burnt area
- Area of Interest
- Municipality
- Residential
- Non residential
- Military
- Hydrography**
- Lake, River
- Facilities**
- Power plant
- Transportation**
- Main road
- Local road
- Track

	Current		Forecast	
	Aug 09, 09:12 UTC	Aug 10, 09:12 UTC	Aug 10, 09:12 UTC	Aug 11, 09:12 UTC
Wind direction and speed	15 km/h	16 km/h	16 km/h	21 km/h
Temperature and relative Humidity	25° 50%	27° 42%	24° 54%	

Data retrieved from ECMWF on Aug 09, 09:12 UTC. Calculated at: 37.45°N, 24.57°E.

Event: On the 07 August 2024 at 13:42 wildfire is reported to have affected the central part of the Crete Island. The event is increasing South-East from Agia Paraskevi, 30km from Rethymno. The fire spread rapidly due to strong winds and threatened the village of Agia Paraskevi. The residents of Agia Paraskevi had to be evacuated and a 112 message was sent out. 61 vehicles with 110 firefighters, 85 ground personnel, 6 helicopters and 4 airplanes were used to fight the fire, supported by municipal vehicles/machinery and volunteer organisations. Copernicus EMS Rapid Mapping is requested to provide wildfire extent and damage assessment emergency mapping.

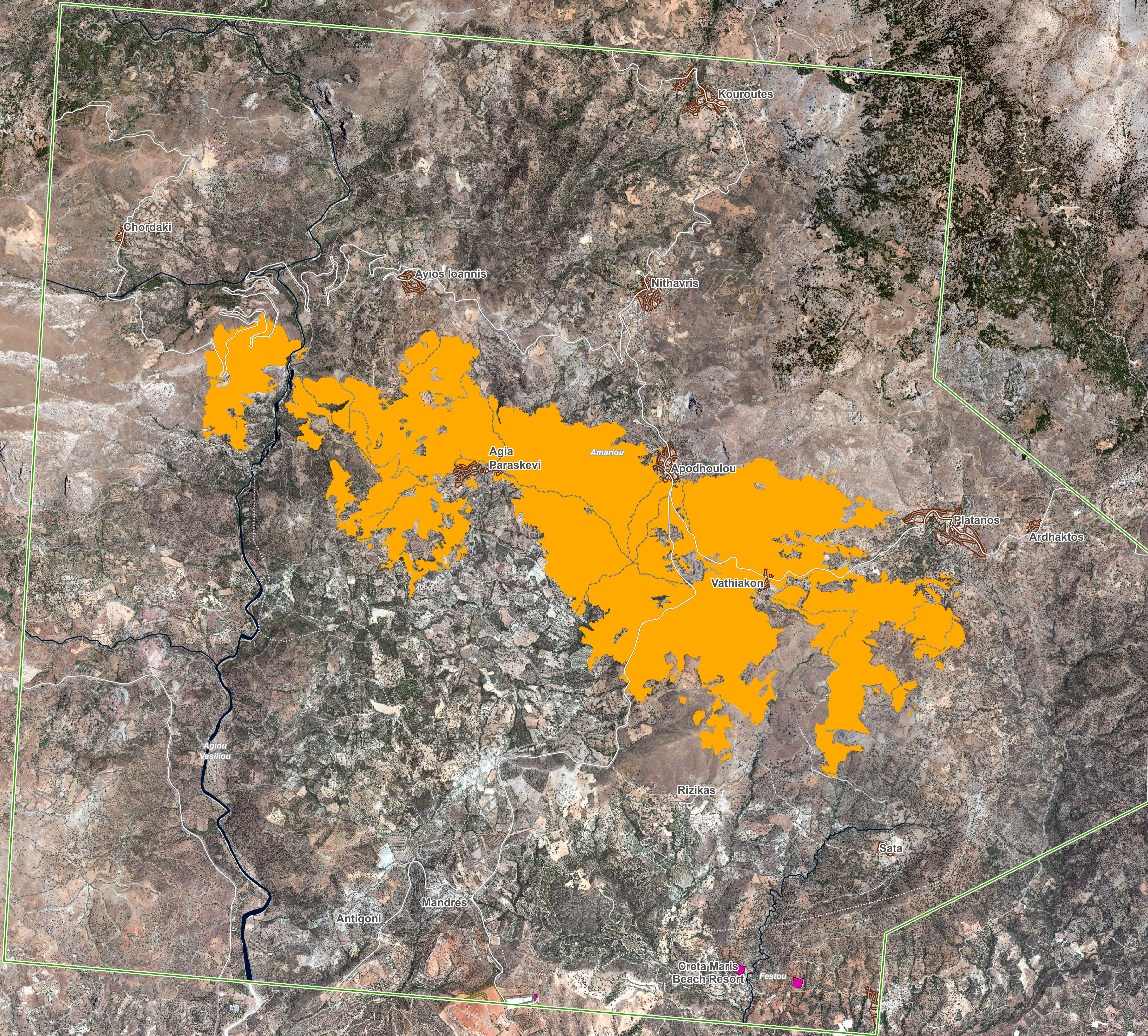
Data sources and analysis: Pre-event image: Sentinel-2A/B (2024) (acquired on 07/08/2024 at 09:05 UTC, resolution 10 m). Post-event image: WorldView-3 © Maxar Technologies, Inc. (2024), (acquired on 09/08/2024 at 09:12 UTC, resolution 2.0 m). This image is used as background image.

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The thematic layer has been derived from post-event satellite image by means of visual interpretation.

Map produced by ITHACA released by e-GEOS on the 09/08/2024.

Details on this activation and service conditions available through the QR code or at the link: <https://rapidmapping.emergency.copernicus.eu/EMSR745>



Consequences within the AOI				
		Unit of measurement	Affected	Total in AOI
Burnt area		ha		976,1
Estimated population	Number of inhabitants		~ 100	~ 1.900
Built-up	Residential Buildings	ha	0,7	26,8
	Industrial buildings	ha	0	2,0
	Other non-residential buildings	ha	0,1	0,1
	Military	ha	0	4,0
	Cemetery	ha	0	0,1
Transportation	Primary Road	km	0	3,5
	Secondary Road	km	5,8	41,6
	Local Road	km	7,6	60,8
	Cart Track	km	9,0	173,0
Facilities	Power plant constructions	ha	0	2,1
Land use	Permanent crops	ha	439,1	4.189,6
	Shrub and/or herbaceous vegetation association	ha	360,6	2.422,1
	Heterogeneous agricultural areas	ha	161,8	1.894,0
	Open spaces with little or no vegetation	ha	14,7	303,1
	Forests	ha	0	106,9
	Other	ha	0	4,9

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.

Access to 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: FABDEM (ForestAndBuildingsremovedCopernicusDEM) removes building and tree height biases from the Copernicus GLO 30