

EMSR907 - AOI01
Wildfires in Crete Island, Greece
AGIA GALINI

Situation as of 31/07/2026 09:29 UTC
Grading - Overview map 01



Burnt area
5,015.3 ha

Potentially affected
population ~ 400

Built-up and Transports

Built-Up
145 No.

Crisis Information

Burnt Area

Built Up Grading

Damaged

Possibly damaged

Possibly damaged

Transportation Grading

Main road, No visible damage

Local road, No visible damage

Track, No visible damage

Airfield runway, No visible damage

Harbour, waterway and other waterwork, No visible damage

Airfield and Heliport, No visible damage

Affected Land Use-Cover

Arable land

Permanent crops

Pastures

Heterogeneous agricultural areas

Shrub and/or herbaceous vegetation associations

Open spaces with little or no vegetation

Other

General Information

Area of Interest

Detail map

Administrative Boundaries

Province

Hydrography

Lake, River

Event: 29/07/2025 at approximately 13:24 (CEST), a wildfire started near the village of Kria Vrisi, 35 Km southeast from Rethimno city, in Crete Island (South Greece). The fire expanded rapidly due to high northerly winds. Residents of Shtoura, Melambes, Orni, Agia Galini and many other villages had to be evacuated, and a 112 cell-broadcasting message was sent for this purpose. Ground forces (104 vehicles with 313 firefighters) and aerial means (3 helicopters and 4 airplanes) were used for fire suppression, assisted by municipality vehicles/machinery and volunteer organizations. Copernicus EMS Rapid Mapping is requested to provide initial rough estimation, fire extent and damage assessment emergency mapping.

Data sources and analysis: Pre-event image: SPOT6/7 © Airbus DS (2026), distributed by Airbus DS (acquired on 10/06/2026 at 08:46 UTC, resolution 1.5 m).
Post-event image: WorldView-3 © Vantor (2026), provided by European Space Imaging (acquired on 31/07/2026 at 09:29 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 using a semi-automatic approach and by means of visual interpretation.

Map produced by GAF Geospatial GmbH released by e-GEOS on the 01/08/2026.

Details on this activation and service conditions available through the QR code or at the link: <https://mapping.emergency.copernicus.eu/activations/EMSR907>





 EMSR907 - AOI01

Wildfires in Crete Island, Greece

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Situation as of 31/07/2026 09:29 UTC

Grading - Detail map 02



Crisis Information

 Burnt Area

Built Up Grading

 Possibly damaged

Transportation Grading

 Main road, No visible damage

 Local road, No visible damage

 Track, No visible damage

Affected Land Use-Cover

 Permanent crops

 Heterogeneous agricultural areas

Event: 29/07/2025 at approximately 13:24 (CEST), a wildfire started near the village of Kria Vrisi, 35 Km southeast from Rethimno city, in Crete Island (South Greece). The fire expanded rapidly due to high northerly winds. Residents of Sahtoura, Melambes, Orne, Agia Galini and many other villages had to be evacuated, and a 112 cell-broadcasting message was sent for this purpose. Ground forces (104 vehicles with 313 firefighters) and aerial means (3 helicopters and 4 airplanes) were used for fire suppression, assisted by municipality vehicles/machinery and volunteer organizations. Copernicus EMS Rapid Mapping is requested to provide initial rough estimation, fire extent and damage assessment emergency mapping.

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Situation as of 31/07/2026 09:29 UTC
Grading - Detail map 03

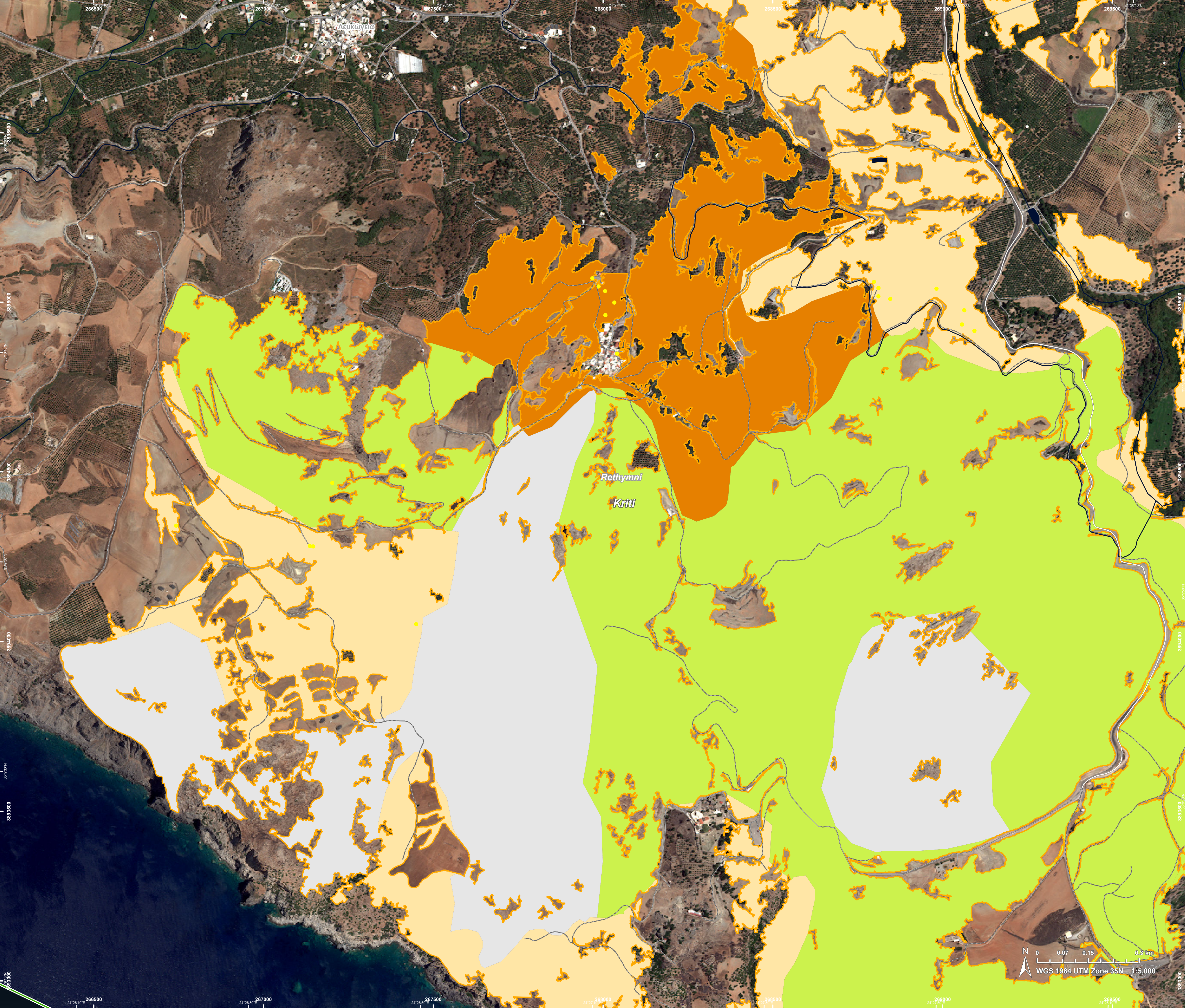


- Crisis Information**
- Burnt Area
 - Built Up Grading
 - Possibly damaged
- Transportation Grading**
- Local road, No visible damage
 - Track, No visible damage
- Affected Land Use-Cover**
- Permanent crops
 - Heterogeneous agricultural areas

Event: 29/07/2025 at approximately 13:24 (CEST), a wildfire started near the village of Kria Vrisi, 35 Km southeast from Rethimno city, in Crete Island (South Greece). The fire expanded rapidly due to high northerly winds. Residents of Sahtoura, Melambes, Orne, Agia Galini and many other villages had to be evacuated, and a 112 cell-broadcasting message was sent for this purpose. Ground forces (104 vehicles with 313 firefighters) and aerial means (3 helicopters and 4 airplanes) were used for fire suppression, assisted by municipality vehicles/machinery and volunteer organizations. Copernicus EMS Rapid Mapping is requested to provide initial rough estimation, fire extent and damage assessment emergency mapping.

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Grading - Detail map 04



Crisis Information	Affected Land Use-Cover
Burnt Area	Permanent crops
Built Up Grading	Heterogeneous agricultural areas
Possibly damaged	Shrub and/or herbaceous vegetation associations
Transportation Grading	Open spaces with little or no vegetation
Main road, No visible damage	General Information
Local road, No visible damage	Area of Interest
Track, No visible damage	Hydrography
	Lake, River

Event: 29/07/2025 at approximately 13:24 (CEST), a wildfire started near the village of Kria Vrissi, 35 Km southeast from Rethymno city, in Crete Island (South Greece). The fire expanded rapidly due to high northerly winds. Residents of Sahtoura, Melambes, Orni, Agia Galini and many other villages had to be evacuated, and a 112 cell-broadcasting message was sent for this purpose. Ground forces (104 vehicles with 313 firefighters) and aerial means (3 helicopters and 4 airplanes) were used for fire suppression, assisted by municipality vehicles/machinery and volunteer organizations. Copernicus EMS Rapid Mapping is requested to provide initial rough estimation, fire extent and damage assessment emergency mapping.

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Consequences within the AOI

			LATEST IMPACT	
			Unit of measurement	
			Imagery-based observation	
Crisis Information	Burnt area		ha	5,015.3
	Maximum of all extents*		ha	5,015.3

Estimated population		Inhabitants	No.	Destroyed	Damaged	Possibly damaged*	Total affected**	Total in AOI
							~ 400	~ 21.000
Assets	Built-up	Residential Buildings	No.	0	7	131	138	138
		Non-residential farm buildings	No.	0	0	3	3	3
		Buildings used as places of worship and for religious activities	No.	0	0	4	4	4
	Transportation	Airfield runways	ha	0	0	0	0	345.6
		Harbours	ha	0	0	0	0	0.3
		Airfield runways	km	0	0	0	0	8.9
		Primary Road	km	0	0	0	0	30.6
		Secondary Road	km	0	0	0	0	160.8
		Local Road	km	0	0	0	0	689.9
		Cart Track	km	0	0	0	0	1,731.3
		Harbours	km	0	0	0	0	0.2
	Facilities	Settling Basin	ha	0	0	0	0	2.0
		Breakwater	ha	0	0	0	0	2.4
		Dams	ha	0	0	0	0	1.7
		Constructions for mining or extraction	ha	0	0	0	0	0.5
		Power plant constructions	ha	0	0	0.4	0.4	15.2
		Sport and recreation constructions	ha	0	0	0	0	7.9
		Other civil engineering works not elsewhere classified	ha	0	0	0	0	0.5
		Dams	km	0	0	0	0	0.02
	Land use	Shrub and/or herbaceous vegetation association	ha				2,075.1	32,303.9
		Permanent crops	ha				1,665.8	19,000.7
		Heterogeneous agricultural areas	ha				898.6	14,251.9
		Open spaces with little or no vegetation	ha				317.4	5,970.2
		Pastures	ha				27.9	1,108.0
		Arable land	ha				23.7	2,146.3
		Other	ha				6.9	3,893.5
		Forests	ha				0	1,496.8

* 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://mapping.emergency.copernicus.eu/about/rapid-mapping-manual/>

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Access to the portal



Data Access:

All data displayed on the map(s), as well as Land Use - Land Cover layer(s), 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 (2026); Wikimapia.org; GeoNames 2015;

© EuroGeographics, © TurkStat. Source: European Commission – Eurostat/GISCO, 2024.

Corine Land Cover (CLC) 2018.

Inset Maps: Natural Earth 2023; HydroLAKES 2016 by HydroSHEDS;

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