EMSR675 - AOI01
Wildfire in Greece
SALAKOS

Situation as of 28/07/2023 08:56 UTC
Delineation MONIT08 - Overview map 01

Salakos

01

Dodekanisos

Notio Aigaio

Greece
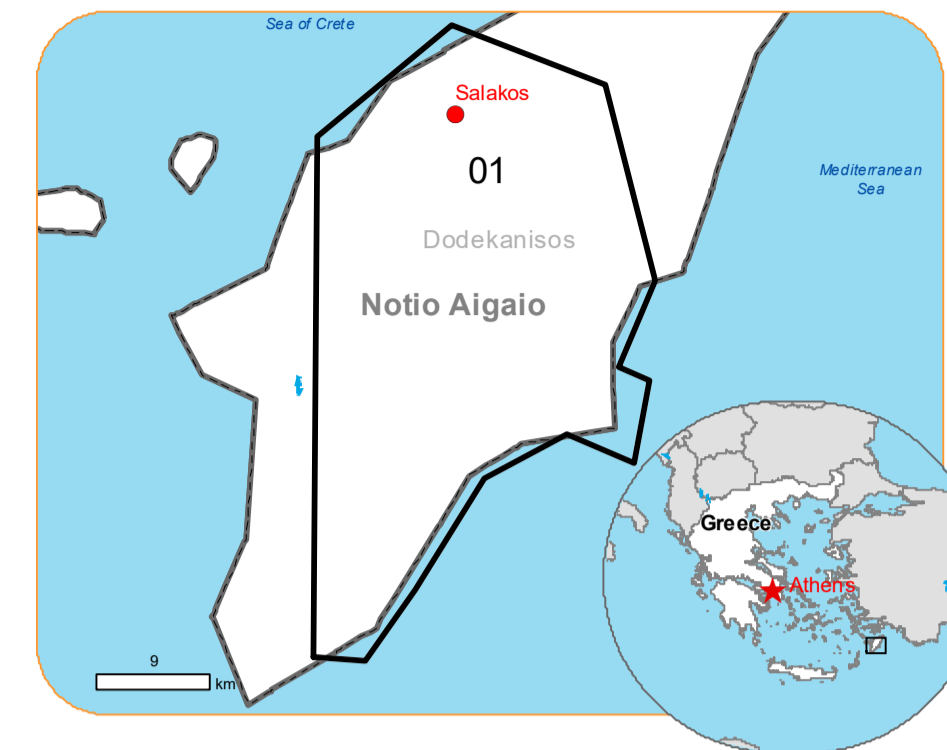
Burnt Area 17653.2 ha | Potentially affected population ~ 750

Potentially Affected Built-up and Transportations

Road 416.8 km | Built-up 35.9 ha

Crisis Information
Burnt area

General Information
Area of Interest

Placenames
○ Placename

Built-Up Area
Residential
Non residential
School, university and research buildings
Hospital or institutional care buildings
Military
Unclassified

Hydrography
Coastline
River
Stream
Lake
Reservoir

Facilities
Long-distance pipelines or lines
Local pipelines or lines
Dam
Mining or extraction site
Power plant
Sport and recreation constructions
Dump Site
Water or Aquatic infrastructure
Dam

Transportation
Main road
Local road
Track
Airfield runway
Helipad

	Current	Forecast	
	28 July 08:56 UTC	29 July 08:56	30 July 08:56 UTC
Wind direction and speed	10 km/h	18 km/h	8 km/h
Temperature and relative Humidity	34° 35%	33° 39%	35° 34%

Data retrieved from ECMWF on July 28, 14:30 UTC. Calculated at: 36°7'22"N, 27°56'56"E

Event:
A wildfire started in the afternoon of 18 July in a forest area of Rodos Island and is still ongoing. Residents of the villages of Eleousa, Salakanos and Dimilia were ordered to evacuate. According to the Hellenic Fire Service, 86 firefighters are currently operating in the area, assisted by 3 ground force groups, 28 vehicles, 3 water-bombing aircraft and 3 helicopters. Personnel and means of municipalities, regions, armed forces and groups of volunteers are assisting. Copernicus EMS Rapid Mapping is requested to provide an initial rough estimation, to support the monitoring and assessment of the extent of the wildfire and the damage caused.

Data sources and analysis:
Pre-event image: Sentinel-2A/B (2023) (acquired on 08/07/2023 at 08:46 UTC, resolution 10.0 m).
Post-event image: GeoEye © Maxar Technologies, Inc. (2023), (acquired on 28/07/2023 at 08:56 UTC, resolution 2 m). This image is used as background image.
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Base vector layers: OpenStreetMap © OpenStreetMap contributors (2023), 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.
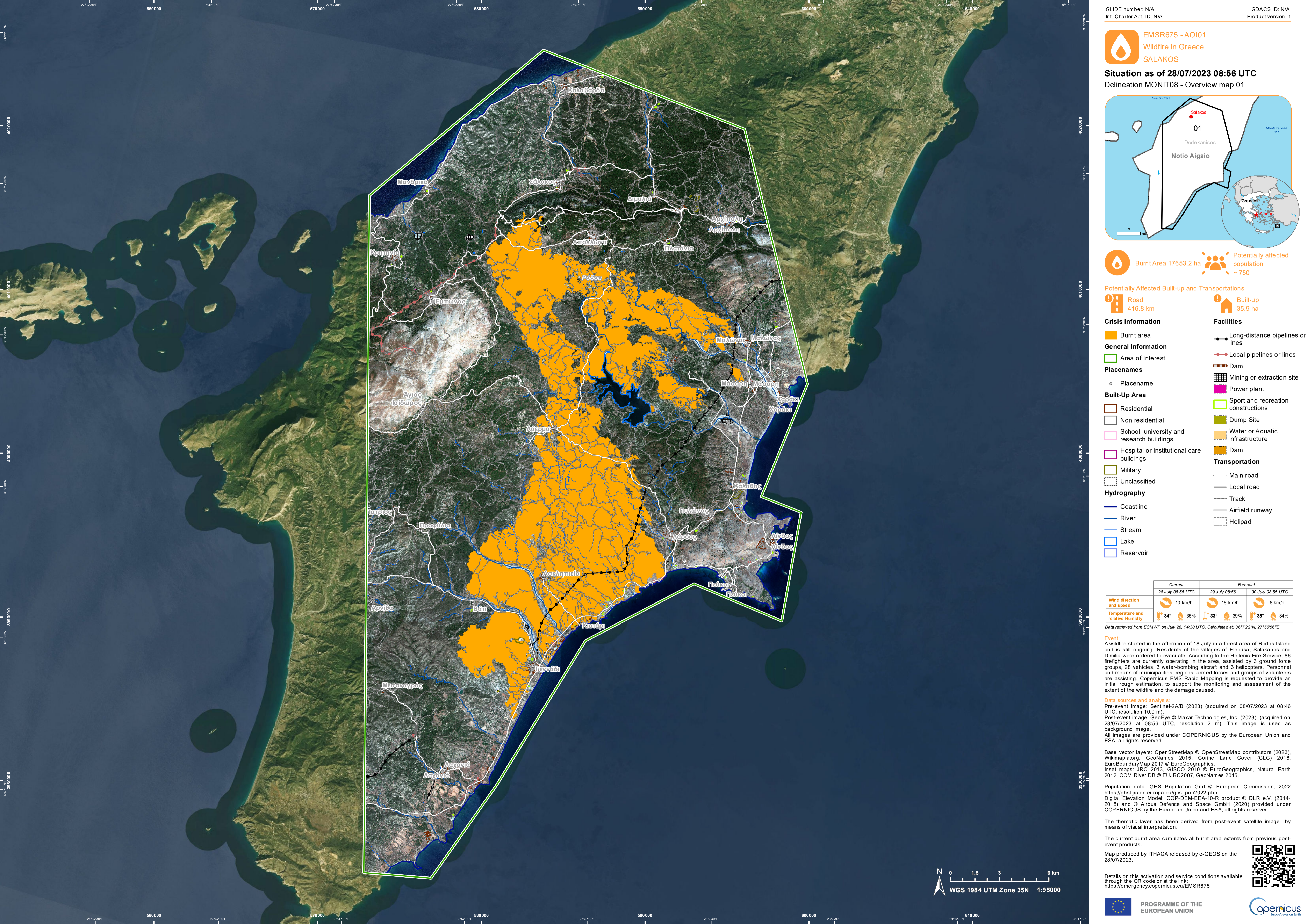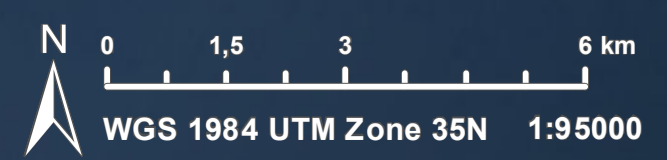
Population data: GHS Population Grid © European Commission, 2022 https://ghsl.jrc.ec.europa.eu/ghs_pop2022.php
Digital Elevation Model: COP-DEM-EEA-10-R product © DLR e.V. (2014-2018) and © Airbus Defence and Space GmbH (2020) provided under COPERNICUS by the European Union and ESA, all rights reserved.

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

The current burnt area cumulates all burnt area extents from previous post-event products.

Map produced by ITHACA released by e-GEOS on the 28/07/2023.

Details on this activation and service conditions available through the QR code or at the link:
https://emergency.copernicus.eu/EMSR675

N

0   1,5   3   6 km

WGS 1984 UTM Zone 35N   1:95000

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EMSR675 AOI: 01 Salakos Delineation

Consequences within the AOI				
	Unit of measurement		Affected	Total in AOI
Burnt area		ha		17.653,2
Estimated population	Number of inhabitants		~ 750	~ 14.000
Built-up	Residential Buildings	ha	12,5	154,0
	Office buildings	ha	0,0	0,5
	Wholesale and retail trade buildings	ha	0,2	1,0
	Industrial buildings	ha	0,0	13,9
	School, university and research buildings	ha	0,0	1,8
	Hospital or institutional care buildings	ha	0,0	0,1
	Military	ha	9,2	44,6
	Cemetery	ha	0,2	2,9
	Unclassified	ha	13,8	16,8
Transportation	Helipad	ha	0,0	0,1
	Airfield runways	km	0,0	0,2
	Primary Road	km	0,0	28,7
	Secondary Road	km	30,3	287,0
	Local Road	km	24,8	394,1
	Cart Track	km	361,7	1.569,2
Facilities	Settling Basin	ha	0,0	1,3
	Breakwater	ha	0,0	0,7
	Dams	ha	0,0	8,9
	Constructions for mining or extraction	ha	0,0	50,7
	Power plant constructions	ha	0,0	2,8
	Sport and recreation constructions	ha	0,1	22,4
	Other civil engineering works not elsewhere classified	ha	0,0	1,5
	Long-distance pipelines, communication and electricity lines	km	12,6	35,2
	Local pipelines and cables	km	0,5	21,3
	Dams	km	0,0	0,2
Land use	Shrub and/or herbaceous vegetation association	ha	12.887,0	49.057,8
	Heterogeneous agricultural areas	ha	2.435,3	15.278,0
	Forests	ha	1.437,1	8.969,3
	Permanent crops	ha	702,0	7.478,4
	Arable land	ha	139,7	1.906,3
	Other	ha	34,4	7.914,1
	Open spaces with little or no vegetation	ha	17,7	2.036,3
	Pastures	ha	0,0	112,9

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