



Thassos Island - GREECE

Fire - Situation as of 13/09/2016

Delineation Map



Cartographic Information

1:50000 Full color ISO A1, high resolution (300 dpi)

0 1 2 4 km

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

- Legend**
- Crisis Information**
 - Active Flames
 - Burnt Area (13/09/2016)
 - Hydrology**
 - Stream
 - General Information**
 - Area of Interest
 - Clouds
 - Transportation**
 - Primary Road
 - Secondary Road
 - Local Road
 - Settlements**
 - Populated Place
 - Built-Up Area

Consequences within the AOI

	Unit of measurement	Affected	Total in AOI
Burnt area	ha	6457.2	
Active flames	No.	6	
Estimated population	No. of inhabitants	203	6780
Settlements	ha	5.8	965.8
Transportation	Primary roads	2.8	91.4
	Secondary roads	6.8	58.4
	Local roads	50.9	286.1

Map Information

Four forest fires started on 10 September on the island of Thassos (NE Greece) and are continuing to burn for a third day. The fires were probably caused by strong lightning activity in the island that was not followed by rain (Dry storm). On Saturday 10, local authorities called for the immediate evacuation of the villages of Prinos, Mikros Prinos, Megalos Prinos and St. Panteleimon. Damaged homes has been reported in Mikros and Megalos Prinos and the fire has also threatened the village of Theologos.

The present map shows the fire delineation on Thassos Island (Greece). The thematic layer has been derived from post-event satellite image using a semi-automatic approach. The estimated geometric accuracy is 12 m CE90 or better, from native positional accuracy of the background satellite image.

Relevant date records

Event	Date	Situation as of	Date
Activation	10/09/2016	Situation as of	13/09/2016
	12/09/2016	Map production	14/09/2016

Data Sources

Pre-event image: Landsat © U.S. Geological Survey (acquired on 28/08/2016, GSD 15 m, approx. 13.6% cloud coverage).

Post-event image: Landsat © U.S. Geological Survey (acquired on 13/09/2016, GSD 15 m, approx. 5% cloud coverage) accessed on 13/09/2016 10:25 from ESA Landsat-8 portal (<https://landsat8portal.eo.esa.int/portal/>)

Base vector layers: OpenStreetMap © OpenStreetMap contributors, GeoNames 2015 refined by the producer.

Inset maps: JRC 2013, © EuroGeographics, Natural Earth 2012, CCM River DB © EUJRC2007, GeoNames 2013.

Population data: Landscan 2010 © UT BATTELLE, LLC

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Map produced by SERTIT released by SERTIT (ODO).

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