

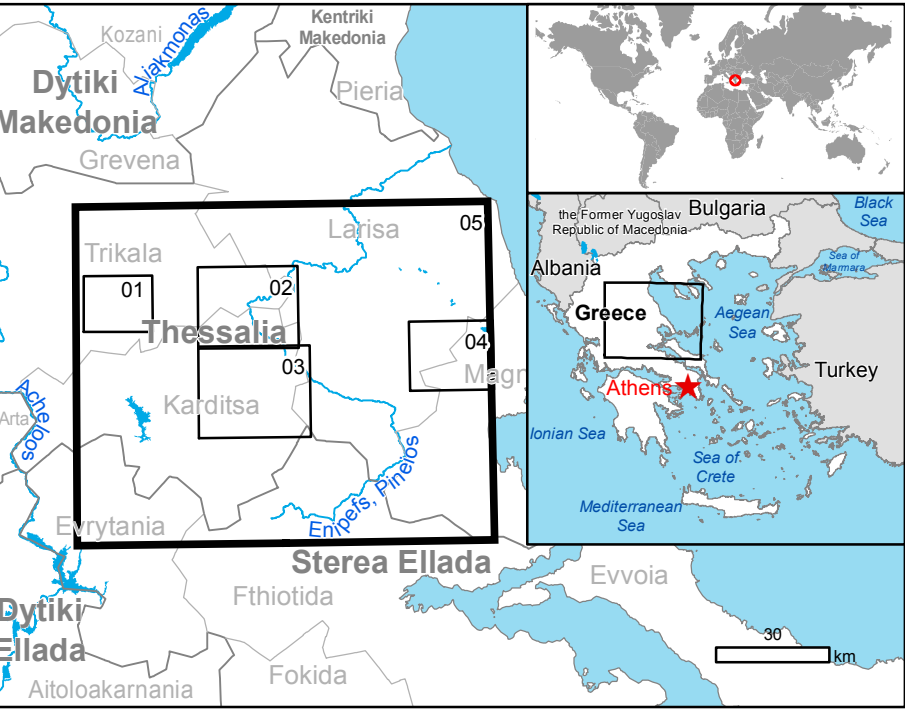


GLIDE number: N/A Activation ID: EMSR271
Product N.: 05THESSALYOVERVIEW, v2, ENGLISH

Thessaly Overview - GREECE

Flood - Situation as of 28/02/2018

Delineation Map - MONIT01



Cartographic Information

1:170000 Full color ISO A1, high resolution (300 dpi)

Grid: WGS 1984 UTM Zone 34N map coordinate system
Tick marks: WGS 84 geographical coordinate system

Legend
Crisis Information
Flooded Area (28/02/2018 04:39 UTC)
Previous Flooded Area (27/02/2018 16:15 UTC)
General Information
Area of Interest
Image Footprint
Not Analysed - No data
Placenames
Placename
Built-Up Area
Built-Up
Hydrography
Coastline
River
Stream

Physiography
Elevation Contour (m)
Facilities
Dam
Construction for mining or extraction
Transportation
Highway
Primary Road
Secondary Road
Long-distance railway
Airfield runway
Helipad

Consequences within the AOI		Unit of measurement		Affected	Total in AOI
Flooded area		ha		10178.9	
Estimated population		Number of inhabitants		4153	541785
Transportation	Built-Up Area	km	71.0	36398.1	
	Highway	km	1.8	371.7	
	Primary Road	km	1.1	605.7	
	Secondary Road	km	5.8	2349.6	
	Long-distance railway	km	0.1	567.8	
	Airfield runway	No.	2	9	
Facilities	Helipad	No.	0	5	
	Dam	No.	0	7	
	Construction for mining or extraction	ha	20.5	604.6	

Map Information
In Trikala Prefecture, Central Greece, all the tributaries of Pinios River have overflowed since Saturday 24/02/2018 and hundreds of acres of rural and urban areas have been affected by flooding around the villages of Vatinos, Dendrothori, Exaltos, Kostareika, Elieithorothori and Matsoukeika. Several other villages in this area are reported at immediate risk of being flooded due to the due to heavy rains expected for the next few days.

The present map shows the flood delineation in the area of Thessaly (Greece). The thematic layer has been derived from post-event satellite image using a semi-automatic approach. The estimated geometric accuracy is 10 m CE90 or better, from native positional accuracy of the background satellite image.

Event	24/02/2018	Situation as of	28/02/2018
Activation	26/02/2018	Map production	02/03/2018

Data Sources
Pre-event image: Sentinel 2A (2018) (acquired on 16/09/2017 at 09:20, GSD 10 m, approx. 0% cloud coverage in Aoi), provided under COPENICUS by the European Union and ESA.
Post-event image: Sentinel-1A (2018) (acquired on 28/02/2018 at 04:39 UTC, GSD 10.0 m) provided under COPENICUS by the European Union and ESA.
TerraSar-X © Infoterra GmbH (acquired on 27/02/2018 at 16:15 UTC, GSD 22 m), provided under COPENICUS by the European Union and ESA, all rights reserved.

Base vector layers: OpenStreetMap © OpenStreetMap contributors, Wikimapia.org, GeoNames 2015, refined by the producer.
Inset maps: JRC 2013, © EuroGeographics, Natural Earth 2012, CCM River DB © EURC2007, GeoNames 2013.

Population data: GH5 Population Grid © European Commission, 2015
http://data.europa.eu/gh5ghs-ghs-pop_gpw globe_2015a
Digital Elevation Model: SRTM (90m) (NASA/USGS)

Disclaimer
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Please be aware that the thematic accuracy might be lower in urban and forested areas due to inherent limitations of the SAR analysis technique.
Map produced by e-GEOS released by e-GEOS.

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