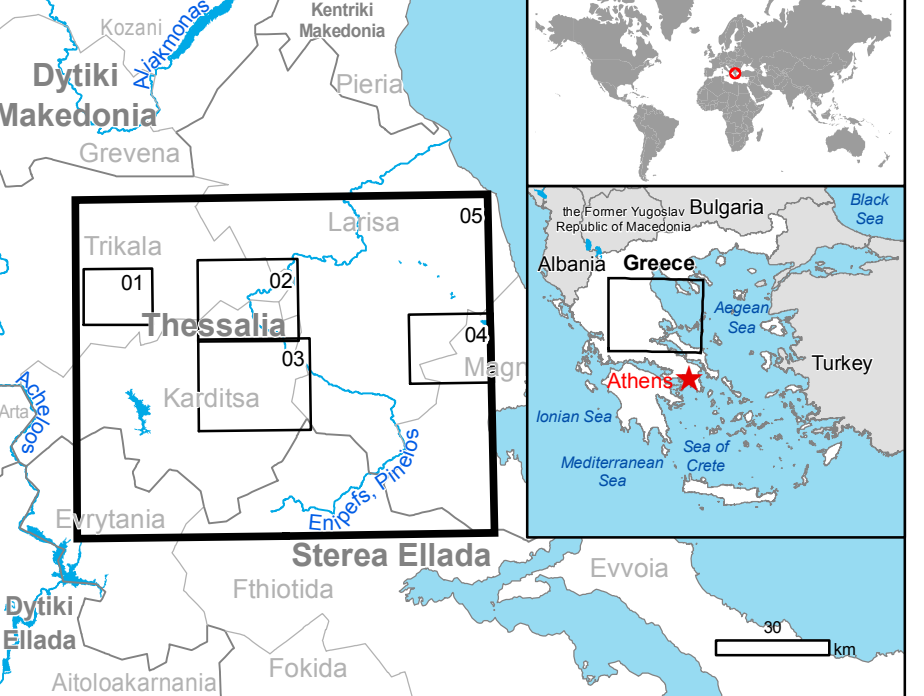


GLIDE number: N/A      Activation ID: EMSR271  
Product N.: 05THESSALYOVERVIEW, v2, English

## Thessaly Overview - GREECE

### Flood - Situation as of 01/03/2018

#### Delineation Map - MONIT02



#### 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 (01/03/2018 04:30 UTC)  
Flooded Area (28/02/2018 04:39 UTC)  
**General Information**  
Area of Interest  
Image Footprint  
Not Analysed - No data  
**Placenames**  
Placename  
Built-Up Area  
Built-Up Area  
**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			
Flooded area	Unit of measurement		Total in AOI
	ha		8210.6
Estimated population	Number of inhabitants	2173	541785
Settlements	Built-Up Area	ha	22.0
Transportation	Highway	km	1.1
	Primary Road	km	0.3
	Secondary Road	km	4.4
	Long-distance railway	km	0.0
	Airfield runway	No.	2
Facilities	Helipad	No.	0
	Dam	No.	0
Construction for mining or extraction		ha	23.0

#### 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 Valtinos, Dendrothori, Exaltos, Kostareika, Eilethorothori 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	01/03/2018
Activation	26/02/2018	Map production	09/03/2018

#### 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 COPERNICUS by the European Union and ESA.

Post-event image: Sentinel-1B (2018) (acquired on 01/03/2018 at 04:30 UTC, GSD 10.0 m) provided under COPERNICUS by the European Union and ESA.  
Sentinel-1A (2018) (acquired on 28/02/2018 at 04:39 UTC, GSD 10.0 m) provided under COPERNICUS by the European Union and ESA.

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: GHS Population Grid © European Commission, 2015  
http://data.europa.eu/89h/jrc-ghsl-ghs-pop\_gpw4\_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.

For the latest version of this map and related products visit  
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