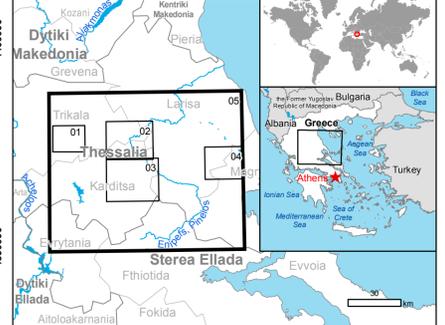


### Thessaly Overview - GREECE Flood - Situation as of 01/03/2018 Delineation Map - MONIT02



**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)
  - Physiography**
    - Elevation Contour (m)
  - Facilities**
    - Dam
    - Construction for mining or extraction
  - Transportation**
    - Highway
    - Primary Road
    - Secondary Road
    - Long-distance railway
    - Airfield runway
    - Helipad
  - Placenames**
    - Placename
  - Built-Up Area**
    - Built-Up Area
  - Hydrography**
    - Coastline
    - River
    - Stream
  - General Information**
    - Area of Interest
    - Image Footprint
    - Not Analysed - No data

Consequences within the AOI

	Unit of measurement	Affected	Total in AOI
Flooded area	ha	2173	541785
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 Vattinos, Dandroti, Exaltos, Kastareika, Eitithorohori 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	Date	Situation as of	Date
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, © Euro-Geographics, Natural Earth 2012, CCM River DB © EUJRC2007, GeoNames 2013.  
Population data: GHS Population Grid © European Commission, 2015  
http://data.europa.eu/89h/jrc-ghsl-ghs\_pop\_gpw4\_globe\_j2015a  
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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