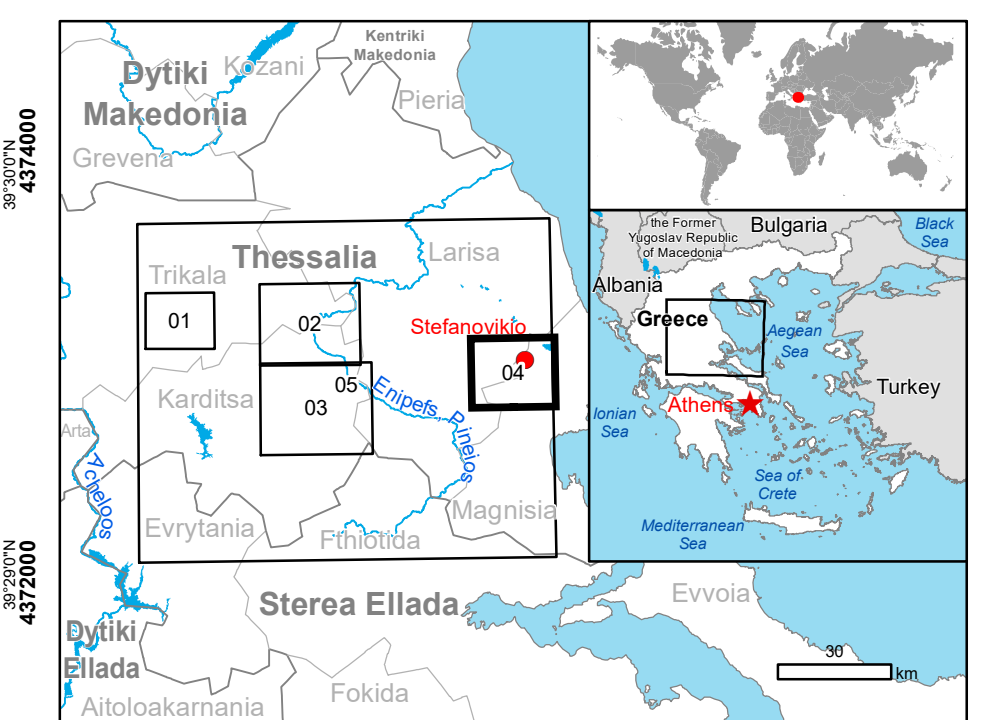




Stefanovikio - GREECE

Flood - Situation as of 27/02/2018

Delineation Map



Cartographic Information

1:35000 Full color ISO A1, high resolution (300 dpi)

0 0.5 1 2 km

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

Legend

- Crisis Information**
 - Flooded Area (27/02/2018 16:15 UTC)
- General Information**
 - Area of Interest
- Placenames**
 - Placename
- Built-Up Area**
 - Residential
 - Industrial building and warehouse
 - Non-residential farm
- Hydrography**
 - Stream
 - Reservoir
- Physiography**
 - Elevation Contour (m)
- Facilities**
 - Dam
 - Construction for mining or extraction
 - Power plant construction
- Transportation**
 - Bridge and elevated highway
 - Highway
 - Primary Road
 - Secondary Road
 - Local Road
 - Long-distance railway
 - Airfield runway

Consequences within the AOI		Unit of measurement		Affected	Total in AOI
Flooded area	ha	ha	0	32.0	10004
Estimated population	Number of inhabitants				
Settlements		Residential	ha	0.0	852.3
		Industrial building and warehouse	ha	0.0	183.5
		Non-residential farm	ha	0.0	1.9
Transportation		Bridge and elevated highway	Nb	0	43
		Airfield runway	km	0	7.3
		Highway	km	0.0	26.6
		Primary Road	km	0.0	22.3
		Secondary Road	km	0.0	75.3
		Local Road	km	0.0	191.6
		Long-distance railway	km	0.0	30.7
		Dam	Nb	0	1
		Construction for mining or extraction	ha	0.0	161.9
		Power plant construction	ha	0.0	5.0

Map Information

In Trikala Prefecture, Central Greece, all the tributaries of Pinos 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, Exalofos, Kostareika, Eleftherochori 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 Stefanovikio (Greece). The thematic layer has been derived from post-event satellite image using a semi-automatic approach. The estimated geometric accuracy is 5 m CE90 or better, from native positional accuracy of the background satellite image.

Relevant date records			
Event	24/02/2018	Situation as of	27/02/2018
Activation	26/02/2018	Map production	28/02/2018

Data Sources

Pre-event image: Sentinel 2A/B (2018) (acquired on 08/02/2018 at 09:21 UTC, GSD 10 m, approx. 0% cloud coverage in AoI, 0° off-nadir angle) provided under COPERNICUS by the European Union and ESA.

Post-event image: TerraSAR-X @ Infoterra GmbH (acquired on 27/02/2018 at 16:15 UTC, GSD 8.25 m), provided under COPERNICUS 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 © EU/JRC2007, GeoNames 2013.

Population data: GHS Population Grid © European Commission, 2015 http://data.europa.eu/89h/jrc-ghsl-ghs_pop_gpw4_globe_r2015a.

Digital Elevation Model: SRTM (30m)

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 GAF AG released by e-GEOS.

For the latest version of this map and related products visit <http://emergency.copernicus.eu/EMSR271>

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