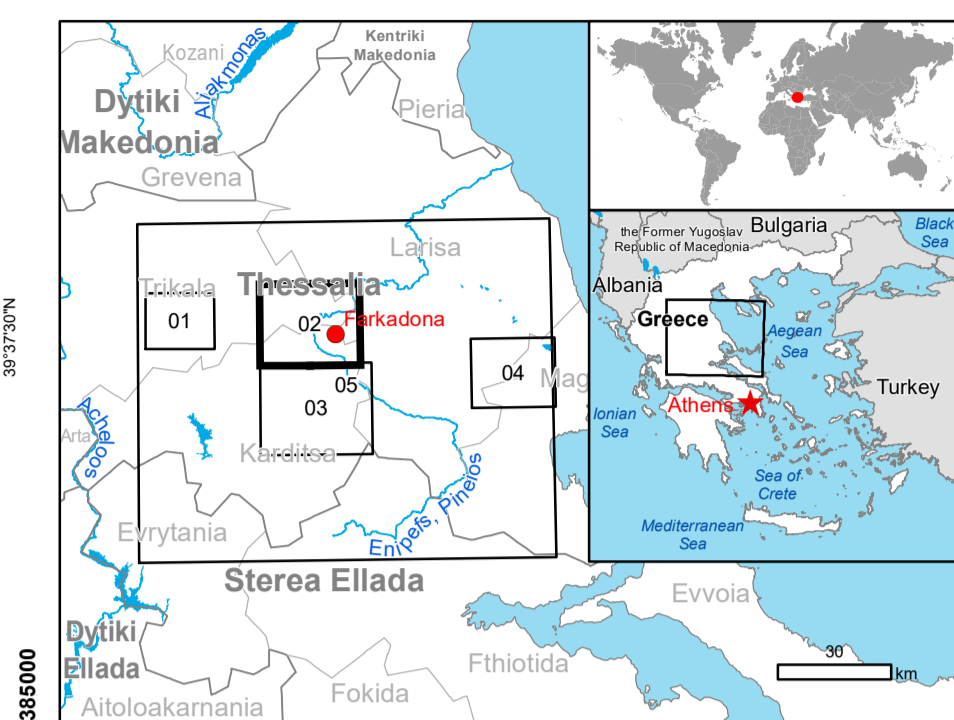


Farkadona - GREECE

Flood - Situation as of 28/02/2018

Delineation Map



Cartographic Information

1:40000 Full color ISO A1, high resolution (300 dpi)

0 0.75 1.5 3 km

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

Legend

Crisis	Point of Interest
Flooded Area (28/02/2018 04:20 UTC)	Building used as place of worship and for religious activities
General	Communication building, station, terminal and associated building
Area of Interest	Elevation Contour (m)
Image Footprint	Dam
Not Analysed - No	Construction for mining or extraction
Placename	Facilities
Built-Up	Highway
Residential	Primary Road
River	Secondary
Stream	Local Road

Consequences within the AOI

	Unit of measurement	Affected	Total in AOI	
Flooded area	ha		4091.5	
Estimated population	Number of inhabitants	203	21477	
Settlements	Residential	ha	0.2	1288.0
	Highway	km	0.0	2.2
	Primary Road	km	0.1	62.7
	Secondary Road	km	1.0	113.2
Transportation	Local Road	km	1.1	437.9
	Dam	ha	0.0	0.1
Facilities	Construction for mining or extraction	ha	2.3	110.9

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, Dendrohorri, Exalofos, Kostareika, Eletherohorio 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 Farkadona (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	Date	Description
Event	24/02/2018	Situation as of
Activation	26/02/2018	Map production

Data Sources

Pre-event image: Sentinel 2A (2018) (acquired on 16/09/2017 at 09:20 UTC, GSD 10 m, approx. 9% cloud coverage in AOI), provided under COPERNICUS by the European Union and ESA.

Post-event image: COSMO-SkyMed © ASI (2018) distributed by e-GEOS S.p.A. (acquired on 28/02/2018 at 04:20 UTC, GSD 3 m), provided under COPERNICUS by the European Union and ESA, all rights reserved.

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

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

Population data: GHS Population Grid © European Commission, 2015 http://data.europa.eu/89h/r-c-ghsl-ghs_pop_gp_w4_globe_r2015a. 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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