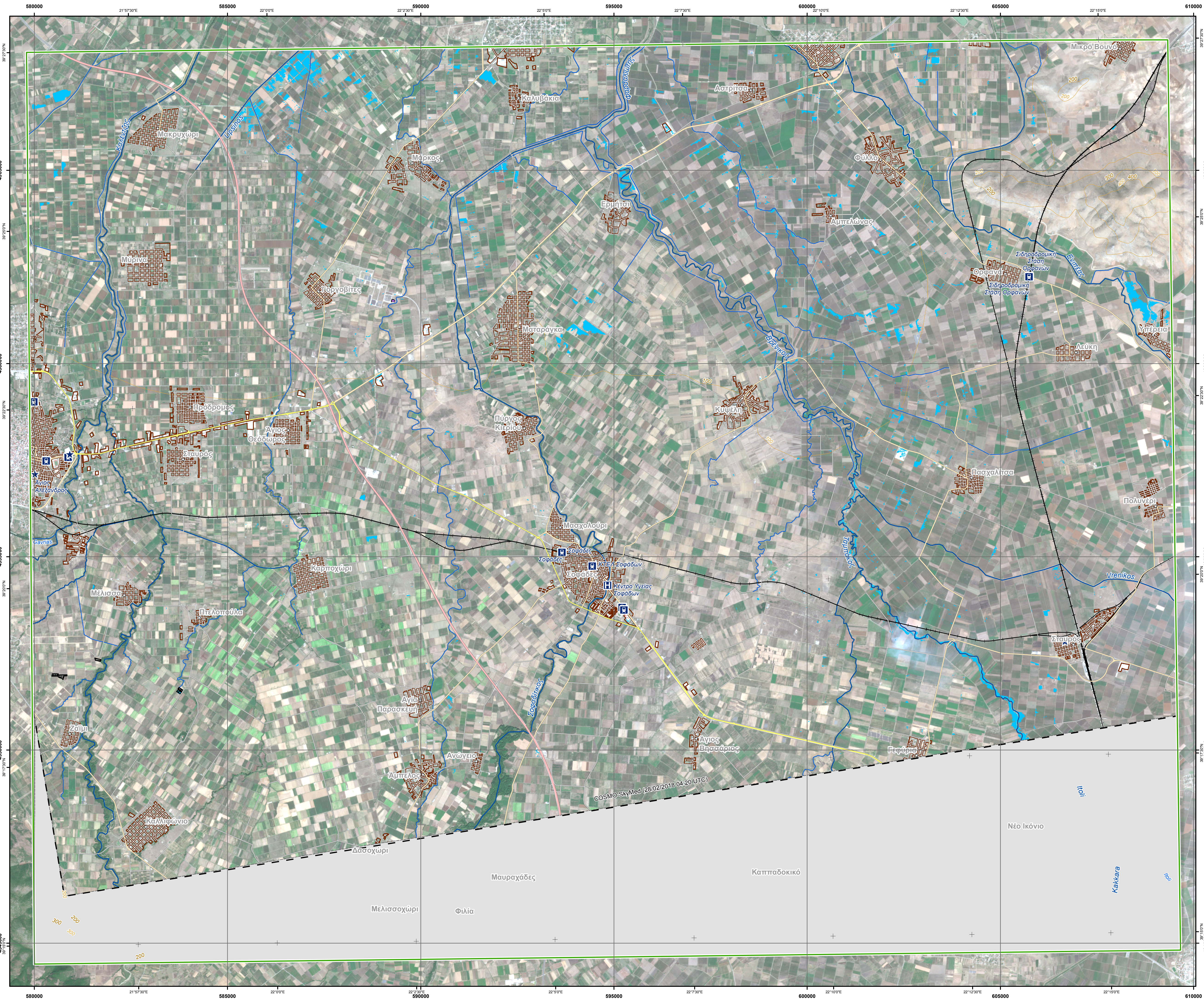


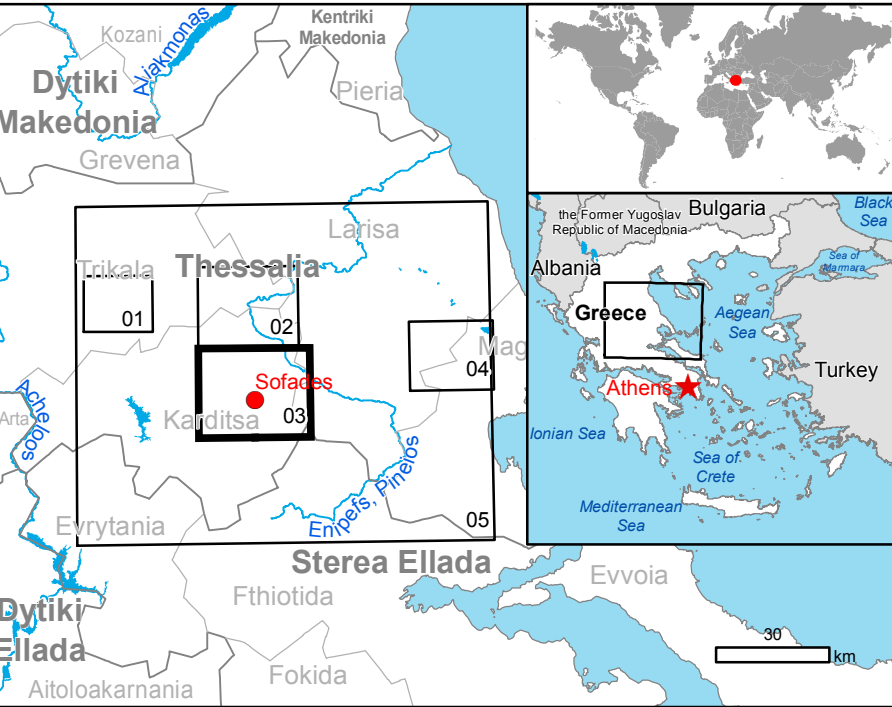


GLIDE number: N/A Activation ID: EMSR271
Product N.: 03SOFADES, v2, English

Sofades - GREECE

Flood - Situation as of 28/02/2018

Delineation Map



Cartographic Information

1:45000 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 04:20 UTC)
- General Information**
 - Area of Interest
 - Image Footprint
 - Not Analysed - No data
- Placenames**
 - Placename
- Built-Up Area**
 - Residential
- Hydrography**
 - River
 - Stream
- Point of Interest**
 - Building used as place of worship and for religious activities
 - Communication building, station, terminal and associated building
 - Hospital or institutional care building
- Physiography**
 - Elevation Contour (m)
- Facilities**
 - Dam
 - Construction for mining or extraction
 - Heavy industrial plant, not elsewhere classified
- Transportation**
 - 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	72	451.1
Estimated population		Number of inhabitants	72	37676
Settlements	Residential	ha	2.0	6270.3
	Airfield runway	No	0	1
	Highway	km	0.0	57.3
	Primary Road	km	0.0	59.0
	Secondary Road	km	0.4	173.3
	Local Road	km	0.6	798.6
Facilities	Dam	km	0	1
	Construction for mining or extraction	ha	0.6	4.33
	Heavy industrial plants, not elsewhere classified	ha	0.0	0.48

Map Information

In Thessalia 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, Dendrorhori, 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 Sofades (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	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 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, 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-ghs-ghs_pop_gpw4_globe_2015a
Digital Elevation Model: SRTM (90m)

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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