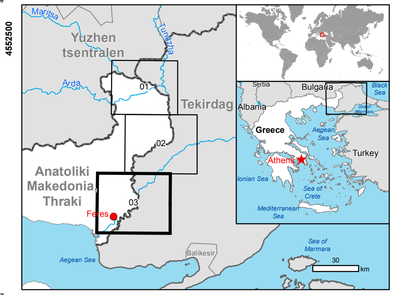
GLIDE number: N/A

Activation ID: EMSR277
Product N.: 03FERES, v1, English

Feres - GREECE
Flood - Situation as of 27/03/2018
Delineation Map



Cartographic Information

1:72000

Full color ISO A1, high resolution (300 dpi)

0 1.5 3 6 km

N

Grid: WGS 1984 UTM Zone 35N map coordinate system
Tick marks: WGS 84 geographical coordinate system

Legend

Crisis Information
- Flooded Area (27/03/2018 16:07 UTC)

General Information
- Area of Interest

Placenames
- Placename

Administrative boundaries
- International Boundary
- Municipality

Built-Up Area
- Built-Up Area

Hydrography
- River
- Stream
- Lake
- Reservoir
- River

Point of Interest
- Building used as place of worship and for religious activities
- Cemetery
- Institutional

Physiography
- Elevation Contour (m)

Facilities
- Navigable canal
- Construction for mining or extraction

Transportation
- Highway
- Primary Road
- Secondary Road
- Long-distance railway

Consequences within the AOI

		Unit of measurement	Affected	Total in AOI
Flooded area		ha	3074.1	
Estimated population		Number of inhabitants	0	64544
Settlements	Residential	ha	0.0	1190.6
Transportation	Highway	km	0.0	25.1
	Primary Road	km	0.0	48.2
	Secondary Road	km	0.3	179.6
	Long-distance railway	km	0.0	56.0
Facilities	Navigable canal	km	0.0	50.3
	Construction for mining or extraction	ha	0.0	46.8

Map Information

Due to extensive rainfall and snow-melt of the last few days, and also due to large amounts of water that was released from dams in rivers Evros and Ardas, many areas of Evros Regional Unit have been flooded. Extensive damages are reported in agricultural land, road and railway network. Many embankments across Evros river, broke, causing further problems. The Regional Unit of Evros has been declared in a state of emergency.

The present map shows the flood delineation in the area of Feres (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	27/03/2018	Situation as of	27/03/2018
Activation	29/03/2018	Map production	30/03/2018

Data Sources

Pre-event image: Sentinel 2A (2017) (acquired on 24/08/2017 at 09:10 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: Sentinel-1A (2018) (acquired on 27/03/2018 at 16:07 UTC, GSD 10 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 © EUJRC2007, 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: EU-DEM (25 m)

Disclaimer

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Map produced by ITHACA released by SERTIT (ODO).

For the latest version of this map and related products visit
http://emergency.copernicus.eu/EMSR277

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