

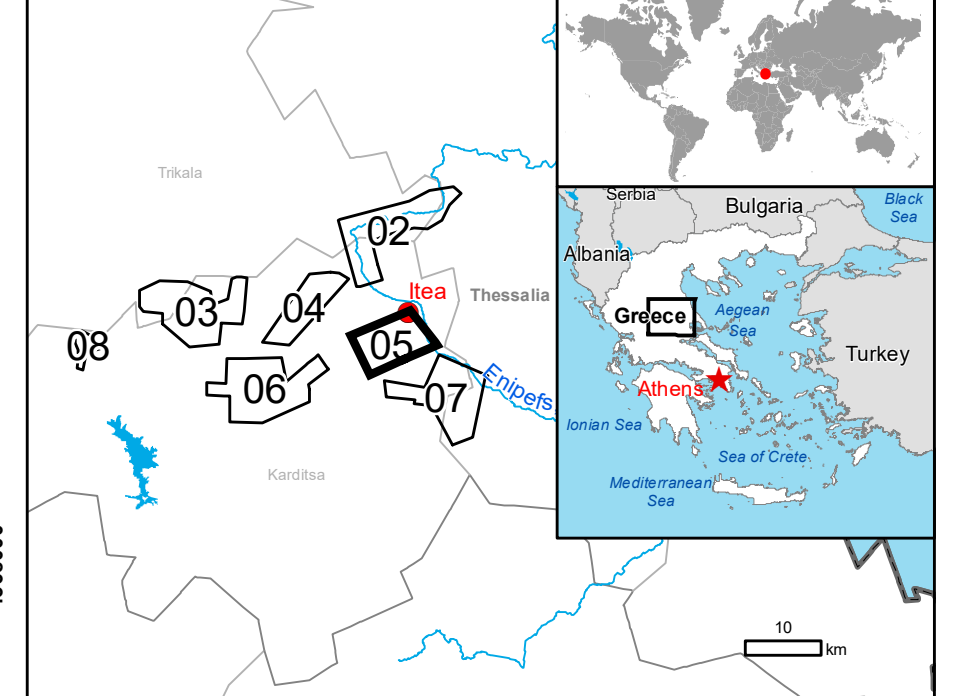
GLIDE number: N/A  
Int. Charter call ID: N/A

Activation ID: EMSR465  
Product N.: 05ITEA, v1

## Itea - GREECE

### Flood - Situation as of 24/09/2020

#### Grading - Overview map 01



#### Cartographic Information

1:17000

Full color A1, 200 dpi resolution

0 0.4 0.8 1.6 km

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

#### Legend

- Crisis Information**
  - Flooded Area (24/09/2020 09:50 UTC)
  - Flooded Trace (24/09/2020 09:50 UTC)
  - Built Up Grading
    - Possibly damaged
  - Transportation Grading
    - Bridge and elevated highways, Possibly damaged
    - Road, Damaged
    - Road, Possibly damaged
    - Secondary Road, No visible damage
    - Local Road, No visible damage
    - Cart Track, No visible damage
    - Long-distance railway, No visible damage
- General Information**
  - Area of Interest
  - Administrative boundaries
    - Municipality
  - Placenames
    - Placename
  - Hydrography
    - River
    - Stream
    - River
  - Physiography & Land Use - Land Cover
    - Features available in the vector package

Consequences within the AOI		Unit of measurement		Destroyed	Damaged	Possibly damaged	Total	Total in
Flooded area		ha					15.1	AOI
Estimated population		Number of inhabitants		0	0	7	7	2000
Transportation	Residential buildings	km	0.0	0.0	0.0	0.0	0.0	27.1
	Local Road	km	0.0	0.0	0.0	0.0	0.0	60.0
	Cart Track	km	0.0	0.0	0.0	0.0	0.0	20.0
	Streets and roads	km	0.0	0.0	0.0	0.0	0.0	0.4
	Long-distance railways	km	0.0	0.0	0.0	0.0	0.0	0.2
Land use	Bridge and elevated highways	ha	0	0	1	1	1	662.0
	Arable land	ha	0.0	0.0	0.0	0.0	0.0	126.0
	Features	ha	0.0	0.0	0.0	0.0	0.0	0.4
Other		ha	0.0	0.0	0.0	0.0	0.0	37.1

#### Map Information

Due to extensive rainfall caused by the Mediterranean hurricane (medicane) "Ianos", many areas of Thessaly region have been flooded. Extensive damages are reported in agricultural land, urban areas of Farsala, Mouzaki and Karditsa cities and also on the road network of the wider area. At least two people died and two are declared as missing. The Fire Service has received 630 calls for help and has proceeded to 450 rescue operations and 120 flood water pumping operations in urban areas.

The present map shows the flood damage grade assessment in the area of Itea (Greece). The thematic layer has been derived from post-event satellite image by means of visual interpretation. The estimated geometric accuracy (RMSE) is 1.25 m or better, from native positional accuracy of the background satellite image.

#### Relevant date records (UTC)

Event	18/09/2020 18:30	Situation as of	24/09/2020 09:50
Activation	19/09/2020 09:46	Map production	24/09/2020

#### Data sources

Pre-event image: Pleiades-1B © CNES (2018), distributed by Airbus DS (acquired on 30/06/2018 at 09:33 UTC, GSD 0.5 m, approx. 0% cloud coverage in AOI, 12.4° off-nadir angle), provided under COPERNICUS by the European Union and ESA, all rights reserved.  
Post-event image: Pleiades-1A © CNES (2020), distributed by Airbus DS (acquired on 24/09/2020 at 09:50 UTC, GSD 0.5 m, approx. 0% cloud coverage in AOI, 39° off-nadir angle), provided under COPERNICUS by the European Union and ESA, all rights reserved.

Base vector layers: OpenStreetMap © OpenStreetMap contributors, Wikimapia.org, GeoNames 2015, Copernicus Land Cover (CLC) 2012, Globe Land 30 (2010), Global Administrative Areas (2012), refined by the producer.  
Inset maps: JRC 2013, EuroBoundaryMap 2017 © EuroGeographics, Natural Earth 2012, CCM River DB © EUJRC2007, GeoNames 2013.

Population data: GHS Population Grid © European Commission, 2019  
https://ghsl.jrc.ec.europa.eu/ghs\_pop2019.php  
Digital Elevation Model: EU-DEM (25 m)

#### Disclaimer

Products elaborated in this Copernicus EMS Rapid Mapping activity are realized to the best of our ability within a very short time frame, optimising the available data and information. All geographic information has limitations due to scale, resolution, date and interpretation of the original sources. No liability concerning the contents or the use thereof is assumed by the producer and by the European Union.

Delivery formats are Layered Geospatial PDF, GeoJPEG and vector (ESRI shapefiles, Google Earth KML, GeoJSON).

Map produced by Telespazio Iberica released by e-GEOS (ODD).

For the latest version of this map and related products visit  
https://emergency.copernicus.eu/EMSR465

jrc-ems-rapidmapping@ec.europa.eu  
© European Union  
For full Copyright notice visit https://emergency.copernicus.eu/mapping/ems/cite-copernicus-ems-mapping-portal

