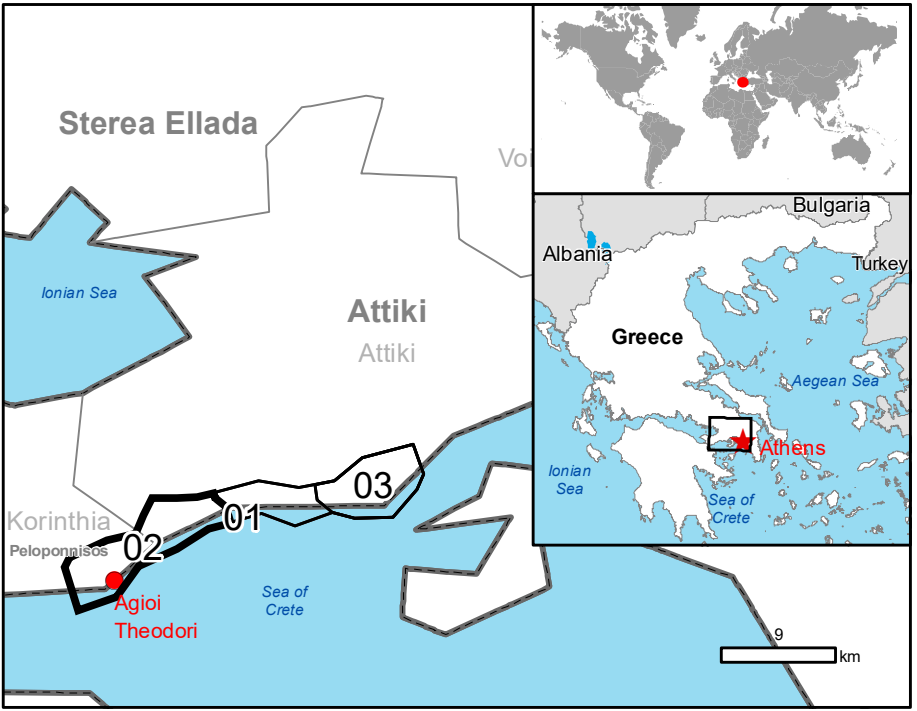


GLIDE number: N/A Activation ID: EMSR413  
Int. Charter call ID: N/A Product N.: 02AGIOITHEODORI, v1

## Agioi Theodori - GREECE

### Flood - Situation as of 27/11/2019

#### Grading - Overview Map 01



#### Cartographic Information

1:20000 Full color A1, 200 dpi resolution

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**
  - Debris, Rockfall
  - Flooded Area (27/11/2019 08:48 UTC)
  - Flood trace (27/11/2019 08:48 UTC)
  - Debris, Rockfall
- Built Up Grading**
  - Destroyed
  - Damaged
  - Possibly damaged
- Transportation Grading**
  - Bridge and elevated highways, Damaged
  - Bridge and elevated highways, Possibly damaged
  - Road, Damaged
  - Road, Possibly damaged
  - Railway, Damaged
  - Railway, Possibly damaged
  - Highway, No visible damage
  - Primary Road, No visible damage
  - 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
  - Detail map
  - Placenames
    - Placename
  - Hydrography
    - Stream
  - Physiography
    - Features available in the vector package

Consequences within the AOI		Unit of measurement		Destroyed	Damaged	Possibly damaged	Total affected	Total in AOI
Flooded area	ha						11.6	
Flood trace	km						345.0	
Debris, Rockfall	ha						3	
Debris, Rockfall	ha						27.8	
Estimated population	Number of inhabitants						N/A	6443
Settlements	Residential	ha	1	286	1710	1997	N/A	
	Industrial building and warehouse	ha	0	0	5	5	N/A	
Transportation	Bridge and elevated highways	km	0	2	1	3	N/A	
	Highway	km	0.0	0.0	0.0	0.0	16.0	
	Primary Road	km	0.0	3.2	4.6	7.8	18.6	
	Secondary Road	km	0.0	0.3	0.7	1.0	17.2	
	Local Road	km	0.0	1.4	35.1	36.5	182.1	
	No Driveway	km	0.0	0.0	0.2	0.2	1.4	
	Cart Track	km	0.0	0.3	2.4	2.7	115.4	
	Long-distance railway	km	0.0	0.3	4.9	5.2	51.0	
		km	0.0	0.3	4.9	5.2	51.0	

#### Map Information

Heavy rainfall occurred early Monday (25/11/2019) in western Attika region causing the torrent named Pikka to flash flood. This flooding has affected the coastal town of Kineta damaging hundreds of houses. The Fire Department received dozens of calls during the night rescuing many people trapped in houses and vehicles. Traffic was halted on the Suburban Railway line and on the highway from Korinthos to Athens because of debris flows.

The present map shows the flood damage grade assessment in the area of Agioi Theodori (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	25/11/2019 03:00	Situation as of	27/11/2019 08:48
Activation	26/11/2019 12:34	Map production	29/11/2019

#### Data sources

Pre-event image: ESRI World Imagery © DigitalGlobe (acquired on 07/08/2019, GSD 0.5 m, approx. 0% cloud coverage in AOI).  
Post-event image: DEIMOS 2 © Deimos Imaging S.L.U. (2019) (acquired on 27/11/2019 at 08:48 UTC, GSD 0.75 m, approx. 0% cloud coverage in AOI, 31° off-nadir angle), provided under COPERNICUS by the European Union and ESA, all rights reserved.  
GeoEye-1 © Digital Globe, Inc. (2019) (acquired on 27/11/2019 at 09:48 UTC, GSD 0.5 m, approx. 15% cloud coverage in AOI, 38.7° off-nadir angle), provided under COPERNICUS by the European Union, ESA and European Space Imaging, all rights reserved.

Base vector layers: OpenStreetMap © OpenStreetMap contributors, Wikimapia.org, GeoNames 2015, Corine Land Cover (CLC) 2012, 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, 2015  
[http://data.europa.eu/89h/jrc-ghsl-ghs\\_pop\\_gpw4\\_globe\\_r2015a](http://data.europa.eu/89h/jrc-ghsl-ghs_pop_gpw4_globe_r2015a).  
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 SIRS released by e-GEOS (ODO).

For the latest version of this map and related products visit  
<http://emergency.copernicus.eu/EMSR413>  
[jrc-emms-rapidmapping@ec.europa.eu](mailto:jrc-emms-rapidmapping@ec.europa.eu)  
© European Union  
For full Copyright notice visit <http://emergency.copernicus.eu/mapping/emms/cite-copernicus-emms-mapping-portal>