

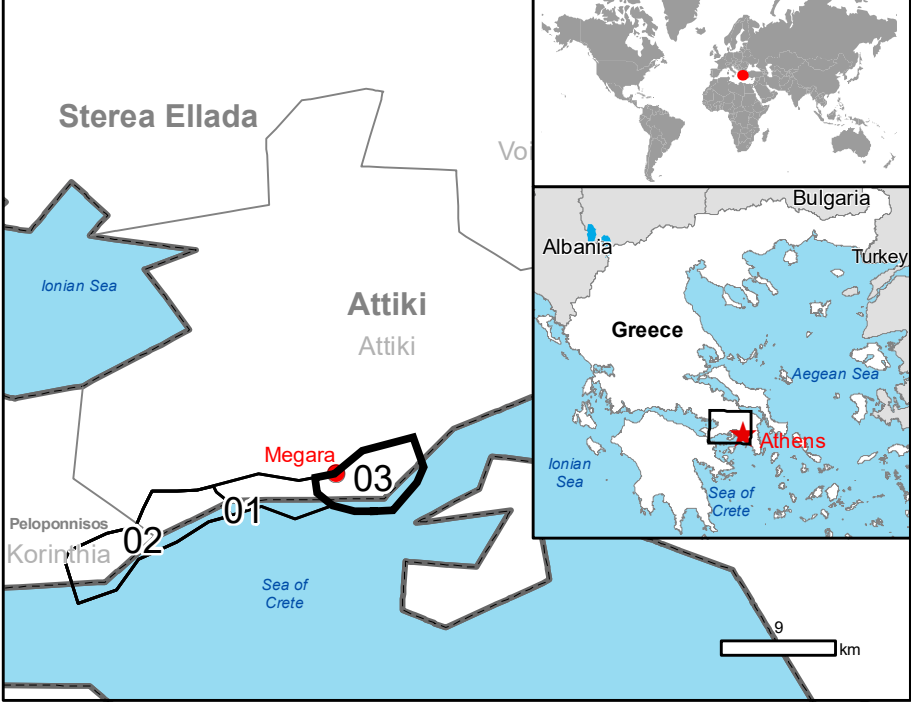
GLIDE number: N/A
Int. Charter call ID: N/A

Activation ID: EMSR413
Product N.: 03MEGARA, v1

Megara - GREECE

Flood - Situation as of 27/11/2019

Grading - Overview Map 01



Cartographic Information

1:13000 Full color A1, 200 dpi resolution

0 0.225 0.45 0.9 km

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

Legend

- Crisis Information**
 - Flooded Area (27/11/2019 09:48 UTC)
 - Flood trace (27/11/2019 09:48 UTC)
- Built Up Grading**
 - Possibly damaged
- Transportation Grading**
 - 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
 - Airfield runway, No visible damage
- Facilities Grading**
 - Possibly damaged
- General Information**
 - Area of Interest
- 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	ha					60.3	60.3
Flood victims	ha							0.5
Estimated population	Number of inhabitants						N/A	14003
Settlements	Residential	No.	0	0	213	213	N/A	
	Industrial building and warehouse	No.	0	0	89	89	N/A	
	Non-residential farm	No.	0	0	41	41	N/A	
	Other non-residential	No.	0	0	1	1	N/A	
Transportation	Airfield runway	km	0.0	0.0	0.0	0.0	0.0	4.1
	Highway	km	0.0	0.0	0.0	0.0	0.0	181.1
	Primary Road	km	0.0	0.0	0.0	0.0	0.0	10.0
	Secondary Road	km	0.0	0.0	0.0	0.0	0.0	29.0
	Local Road	km	0.0	0.0	0.0	0.0	0.0	96.0
	Cart Track	km	0.0	0.0	0.0	0.0	0.0	182.0
	Long-distance railway	km	0.0	0.0	0.0	0.0	0.0	32.0
Facilities	Power Substation	ha	0.0	0.0	1.8	1.8	N/A	

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 Megara (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 09:48
Activation	26/11/2019 12:34	Map production	28/11/2019

Data sources

Pre-event image: ESRI World Imagery © DigitalGlobe (acquired on 29/06/2018, GSD 0.5 m, approx. 0% cloud coverage in AoI).
Post-event image: 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-ghs-ghs_pop_gpw4_globe_r2015a.
Digital Elevation Model: EU-DEM (25 m)

Disclaimer

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

Map produced by SIRS released by SERTIT (ODO).

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