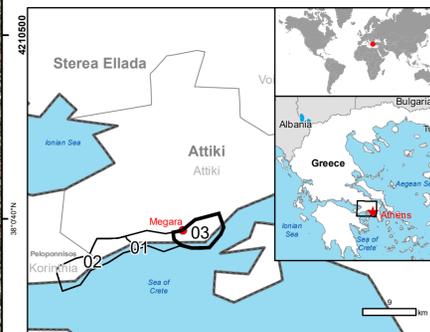


Megara - GREECE

Flood - Situation as of 27/11/2019

Grading - Overview Map 01



Cartographic Information

1:13000 Full color A1, 200 dpi resolution



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

Legend

- | | |
|--|---|
| <p>Crisis Information</p> <ul style="list-style-type: none"> Flooded Area (27/11/2019 09:48 UTC) Flood trace (27/11/2019 09:48 UTC) <p>Built Up Grading</p> <ul style="list-style-type: none"> Possibly damaged <p>Transportation Grading</p> <ul style="list-style-type: none"> 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 | <p>Facilities Grading</p> <ul style="list-style-type: none"> Possibly damaged <p>General Information</p> <ul style="list-style-type: none"> Area of Interest <p>Hydrography</p> <ul style="list-style-type: none"> Stream <p>Physiography</p> <ul style="list-style-type: none"> Features available in the vector package |
|--|---|

Consequences within the AOI		Unit of measurement				Destroyed	Damaged	Possibly damaged	Total affected	Total in AOI
		ha				ha	ha	ha	ha	ha
Flooded area						63	63	0	126	189
Estimated population		Number of inhabitants				0	213	41	254	14653
Settlements	Residential	No.	0	0	213	213	NA	NA	NA	NA
	Industrial building and warehouse	No.	0	0	0	0	0	0	0	0
	Non-residential farm	No.	0	0	41	41	NA	NA	NA	NA
Transportation	Other non-residential	No.	0	0	0	0	0	0	0	0
	Airfield runway	km	0.0	0.0	0.0	0.0	0.0	0.0	4.1	181.1
	Highway	km	0.0	0.0	0.0	0.0	0.0	0.0	10.9	10.9
	Primary Road	km	0.0	0.0	0.0	0.0	0.0	0.0	20.9	20.9
	Secondary Road	km	0.0	0.0	0.0	0.0	0.0	0.0	96.9	96.9
	Local Road	km	0.0	0.0	0.0	0.0	0.0	0.0	182.4	182.4
Facilities	Cart Track	km	0.0	0.0	0.0	0.0	0.0	0.0	32.4	32.4
	Long-distance railway	km	0.0	0.0	1.8	1.8	1.8	1.8	NA	NA

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 resulting 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	28/11/2019 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 © DigitalGlobe, 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 (ODD).

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