

Mandra - Magoula - GREECE

Flood - Situation as of 29/06/2018

Grading Map



Cartographic Information

1:11000 Full color ISO A1, high resolution (300 dpi)

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 (29/06/2018 09:52 UTC)
 - Damaged
 - Possibly damaged
- Built Up Grading**
 - Damaged
 - Possibly damaged
- Facilities Grading**
 - Damaged
 - Possibly damaged
- General Information**
 - Area of Interest
- Placenames**
 - Placename
- Administrative boundaries**
 - Region
 - Municipality
- Hydrography**
 - River
 - Stream
- Point of Interest**
 - Building used as place of worship and for religious activities
 - Communication building, station, terminal and associated building
 - Institutional
 - School, university and research building
- Physiography**
 - Elevation Contour (m)
 - Construction for mining or extraction
- Transportation**
 - Harbour
 - Airfield runway
 - Highway
 - Primary Road
 - Secondary Road
 - Local Road
 - Cart Track
 - Long-distance railway
 - Airfield runway

Consequences within the AOI		Unit of measurement					Total in AOI	
		No.		%				
Flooded area								
Settlements	Residential	No.	0	0	173	173	N/A	
	Public entertainment, education, hospital or institutional care	No.	0	0	222	224	N/A	
	Public entertainment	No.	0	0	2	2	N/A	
	School, university and research	No.	0	0	1	1	N/A	
	Other non-residential	No.	0	0	2	2	N/A	
	Multi-functional	No.	0	0	2	2	N/A	
Transportation	Airfield runway	km	0.0	0.0	0.0	0.0	7.3	
	Highway	km	0.0	0.0	0.0	0.0	22.7	
	Primary Road	km	0.0	0.0	0.0	0.0	20.3	
	Secondary Road	km	0.0	0.0	0.0	0.0	21.7	
	Local Road	km	0.0	0.1	0.0	0.1	181.8	
	Cart Track	km	0.0	0.4	0.4	0.8	166.3	
Facilities	Long distance railway	km	0.0	0.0	0.0	0.0	27.1	
	Construction, waterways, dams and other water	ha	1.2	3.1	4.7	4.7	80.1	

Map Information
After extensive and heavy raining, during 26 and 27 June 2018 the towns of Mandra, and Magoula, west of Athens, where 24 people lost their lives last November during torrential rains and extreme flooding, was hit again by flash flooding. No loss of life was reported but many streets, houses and establishments were flooded. Fire Service had to intervene to rescue drivers trapped in their cars and responded to dozens of calls by residents.

The present map shows the flood damage grade assessment in the area of Mandra, Magoula (Greece). The thematic layer has been derived from post-event satellite imagery by means of visual interpretation. The estimated geometric accuracy is 5 m CE90 or better, from native positional accuracy of the background satellite image.

Relevant date records			
Event	27/06/2018	Situation as of	29/06/2018
Activation	03/07/2018	Map production	04/07/2018

Data Sources
Pre-event image: Pleiades-1A/B © CNES (2017), distributed by Airbus DS (acquired on 12/09/2017 at 09:23 UTC, GSD 0.5 m, approx. 0% cloud coverage in AOI, 10.4° off-nadir angle), provided under COPERNICUS by the European Union and ESA, all rights reserved.
Post-event image: WorldView2 © DigitalGlobe, DigitalGlobe, Inc. (2018), (acquired on 29/06/2018 at 09:52 UTC, GSD 0.5 m, approx. 0.25% cloud coverage in AOI, 31.2° 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, refined by the producer.
Inset maps: JRC 2013 © Euro-Geographics, Natural Earth 2012, CCM River DB © EUJRC2007, GeoNames 2013.

Population data: GHS Population Grid © European Commission, 2015
http://data.europa.eu/89h/jrc-ghs-gis-pop_ppw4_globe_j2015a.
Digital Elevation Model: EU-DEM (25 m)

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Map produced by SERTIT released by SERTIT (ODD).

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jrc-ems-rapidmapping@ec.europa.eu
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