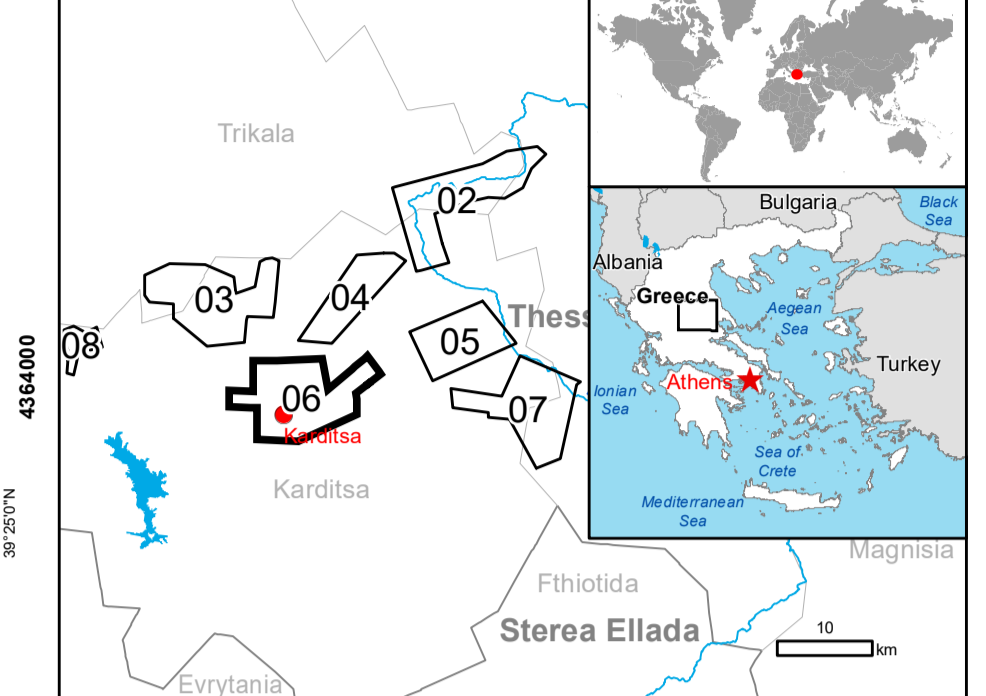


Karditsa Detail - GREECE

Flood - Situation as of 24/09/2020

Grading - Overview map 01



Cartographic Information

1:24000 Full color A1, 200 dpi resolution



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

Legend

- Crisis Information**
 - Flooded Area (24/09/2020 09:51 UTC)
 - Flood trace
- Built Up Grading**
 - Damaged
 - Possibly damaged
- Transportation Grading**
 - Road, Possibly damaged
 - 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
 - Image Footprint
- Administrative boundaries**
 - Municipality
- Placenames**
 - Placename
- Hydrography**
 - River
 - Stream
 - Lake
 - Land Subject to Inundation
 - River
- Physiography & Land Use - Land Cover**
 - 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	0	0	34.2	34.2	34.2
Estimated population		Number of inhabitants	0	0	770	770	8600
Buildings	Residential buildings	ha	0	0	1	1	NA
	Industrial buildings	ha	0	0	1	1	NA
	Industrial buildings and warehouses	ha	0	0	1	1	NA
	Warehouses, shops and workshops	ha	0	0	1	1	NA
Transportation	Primary Road	km	0.0	0.0	1.4	1.4	NA
	Secondary Road	km	0.0	0.0	0.0	0.0	NA
	Local Road	km	0.0	0.0	1.2	1.2	NA
	Cart Track	km	0.0	0.0	0.0	0.0	NA
		Long-distance railway	km	0.0	0.0	0.0	0.0

Map Information

Due to extensive rainfall caused by the Mediterranean hurricane (Medicane) "Ianos", many areas of Thessaly region have been flooded since 18/09/2020 18:30 UTC. Extensive damage is 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 waterpumping operations in urban areas.

The present map shows the damage grade assessment in the area of Karditsa (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 09:51
Activation	19/09/2020 09:46	Map production	24/09/2020

Data sources

Pre-event image: Piérides-1A/B © CNES (2020), distributed by Airbus DS (acquired on 10/04/2020 at 10:34 UTC, GSD 0.5 m, approx. 0% cloud coverage in AOI, 3.2° off-nadir angle), provided under COPERNICUS by the European Union and ESA, all rights reserved.
 Post-event image: Piérides-1A/B © CNES (2020), distributed by Airbus DS (acquired on 24/09/2020 at 09:51 UTC, GSD 0.5 m, approx. 0% cloud coverage in AOI, 40.4° 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, Corine Land Cover (CLC) 2018, (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: SRTM (90 m) (NASA/USGS)

Disclaimer

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

Map produced by GAF AG released by e-GEOS (ODO).

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

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