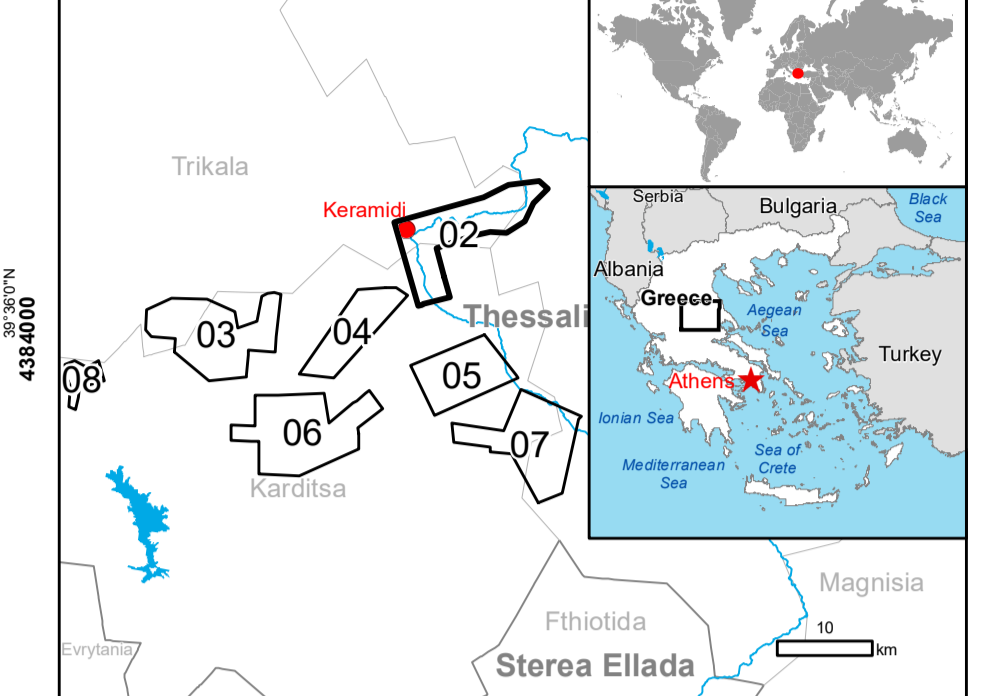


GLIDE number: N/A Activation ID: EMSR465
 Int. Charter call ID: N/A Product N.: 02KERAMIDI, v1

Keramidi - GREECE

Flood - Situation as of 24/09/2020

Grading - Overview map 01



Cartographic Information

1:25000 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 | Transportation Grading | General Information |
| Flooded Area (24/09/2020 09:50 UTC) | Road, Damaged | Area of Interest |
| Flood trace | Road, Possibly damaged | Administrative boundaries |
| Built Up Grading | Primary Road, No visible damage | Municipality |
| Destroyed | Secondary Road, No visible damage | Placenames |
| Damaged | Local Road, No visible damage | Place names |
| Possibly damaged | Cart Track, No visible damage | Hydrography |
| | | River |
| | | Stream |
| | | 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
		No.						
Flooded area							371	
Flood trace							122.6	
Estimated population		Number of inhabitants					1470	19
Settlements								
	Residential Buildings	No.		0	2	17	19	19
	Non-residential farm buildings	No.		4	0	1	5	5
Transportation	Primary Road	km		0.0	0.0	0.0	0.0	16.3
	Secondary Road	km		0.0	0.0	0.3	0.3	10.0
	Local Road	km		0.0	0.0	0.0	0.0	40.9
	Cart Track	km		0.0	8.7	16.3	25.0	272.2

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 water pumping operations in urban areas.

The present map shows the damage grade assessment in the area of Keramidi (Greece). The thematic layer has been derived from post-event satellite image by means of visual interpretation. The estimated geometric accuracy (RMSE) is 6.25 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 09:50
Activation	19/09/2020 09:46	Map production	25/09/2020

Data sources

Pre-event image: ESRI World Imagery © DigitalGlobe (acquired on 14/11/2018, GSD 0.5 m, approx. 0% cloud coverage in AOI).
 Post-event image: Pleiades-1A © CNES (2020), distributed by Airbus DS (acquired on 24/09/2020 at 09:50 UTC, GSD 0.5 m, approx. 0% cloud coverage in AOI, 39° 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) 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, 2019
https://ghsl.jrc.ec.europa.eu/ghs_pop2019.php
 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 ITHACA 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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