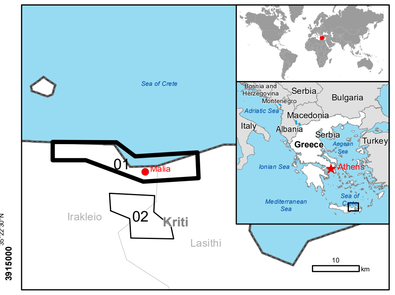
GLIDE number: N/A
Int. Charter call ID: N/A

Activation ID: EMSR480
Product N.: 01MALIA, v1

Malia - GREECE

Flood - Situation as of 13/11/2020

Grading - Overview map 01



Cartographic Information

1:48000

Full color A1, 200 dpi resolution

0 1 2 4 km

N

Grid: WGS 1984 UTM Zone 35N map coordinate system
Tick marks: WGS 84 geographical coordinate system

Legend

Consequences within the AOI							
	Unit of measurement		Destroyed	Damaged	Possibly damaged	Total affected	Total in AOI
Landslide		ha				0.8	
Flooded area		ha				5.4	
Flood trace		ha				38.6	
Estimated population		Number of inhabitants				21770	
Settlements	Residential Buildings	No.	0	47	32	79	NA
	Non Residential Buildings	No.	1	2	1	4	NA
Transportation	Highways	km	0.4	0.0	0.0	0.4	NA
	Primary Road	km	0.0	0.0	0.0	0.0	NA
	Secondary Road	km	0.0	0.0	0.0	0.0	NA
	Local Road	km	0.2	1.1	1.4	2.8	NA
	Cart Track	km	1.2	0.4	0.4	2.0	NA
Facilities	Constructions for mining or extraction	ha	0.0	0.0	0.0	0.0	NA

Map Information

On 10 November, heavy rainfall caused flooding on the island of Crete. The flooding damaged roads, hundreds of homes and swept cars into the sea. No injuries or casualties have been reported until now. The worst damages has occurred east of Heraklion in the central part of the island. The areas of most intensive flooding include Hersonissos, Anissaras, Gouves, Gournes, Analipsi, Stalis and Malia.

The present map shows the damage grade assessment in the area of Malia (Greece). The thematic layer has been derived from post-event satellite image by means of visual interpretation. The estimated geometric accuracy (RMSE) is 2.5 m or better, from native positional accuracy of the background satellite image.

Relevant date records (UTC)

Event	10/11/2020 12:00	Situation as of	13/11/2020 09:17
Activation	11/11/2020 07:57	Map production	13/11/2020

Data sources

Pre-event image: WorldView-3 © Digital Globe, Inc. (2020), (acquired on 20/01/2020 at 19:39, GSD 0.3 m, approx. 0% cloud coverage in AoI, 7° off-nadir angle), provided under COPERNICUS by the European Union, ESA and European Space Imaging, all rights reserved.

Post-event image: Pléiades-1B © CNES (2020), distributed by Airbus DS (acquired on 13/11/2020 at 09:17 UTC, GSD 0.5 m, approx. 1% cloud coverage in AoI, 11.9° 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

Disclaimer

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/EMSR480

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