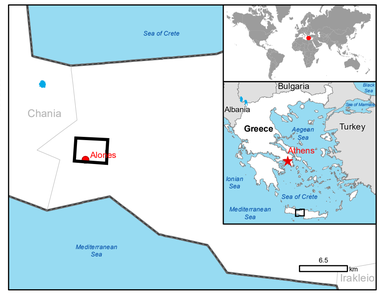
GLIDE number: N/A
Int. Charter call ID: N/A

Activation ID: EMSR480
Product N.: 08ALONES, v1

Alones - GREECE

Flood - Situation as of 13/11/2020

Grading - Overview map 01



Cartographic Information

1:7000

Full color A1, 200 dpi resolution

0 0.125 0.25 0.5 km

N

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

Legend

Crisis Information
- Mudflow

Transportation Grading
- Road, Possibly damaged
- Local Road, No visible damage
- Cart Track, No visible damage

General Information
- Area of Interest
- Not Analysed

Administrative boundaries
- Municipality

Placenames
- Placename

Hydrography
- Stream

Facilities
- Construction for mining or extraction

Consequences within the AOI							
		Unit of measurement	Destroyed	Damaged	Possibly damaged	Total affected	Total in AOI
Mudflow		ha				2	
Estimated population		Number of inhabitants				139	
Transportation	Local Road	km	0.0	0.0	2.0	2.0	NA
	Cart Track	km	0.0	0.0	0.4	0.4	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 flood damage grade assessment in the area of Alones (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	14/11/2020

Data sources

Pre-event image: WorldView-1 © Digital Globe, Inc. (2019), (acquired on 16/10/2019 at 09:17 UTC, GSD 0.5 m, approx. 0% cloud coverage in AoI, 4.9° 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, 14.5° 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, Globe Land 30 (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: EU-DEM (25 m).

Disclaimer

Products elaborated in this Copernicus EMS Rapid Mapping activity are realized to the best of our ability, within a very short time frame, optimising the available data and information. All geographic information has limitations due to scale, resolution, date and interpretation of the original sources. No liability concerning the contents or the use thereof is assumed by the producer and by the European Union.

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

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

For the latest version of this map and related products visit
https://emergency.copernicus.eu/EMSR480

jrc-ems-rapidmapping@ec.europa.eu

Copernicus Europe's eyes on Earth