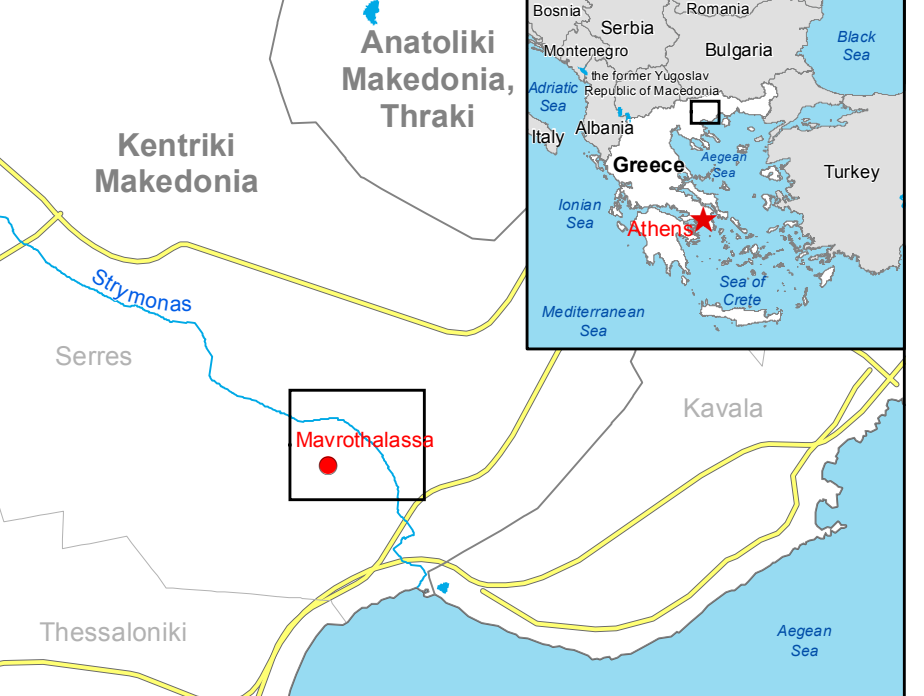




Mavrothalassa - GREECE

Flood - 30/03/2015

Reference Map



Cartographic Information

1:19000 Full color ISO A1, medium resolution (200 dpi)

0 0.375 0.75 1.5 km

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

Legend

General Information

- Area of Interest

Hydrology

- River
- Stream
- Canal
- Land Subject to Inundation
- Reservoir
- River

Point of Interest

- Educational

Settlements

- Populated Place

Transportation

- Secondary Road
- Local Road

Residential

Recreational

Exposure within the AOI			
Estimated population	inhabitants		2602
Settlements	Residential	ha	147
	Sports Ground	ha	1.5
Transportation	Secondary roads	km	22
	Local roads	km	298

Map Information

Due to heavy rainfall during last month, extensive damages have been reported in infrastructures and networks along the Strymonas river, in Central Macedonia. Many embankments have been broken, especially in the southern part of the river, flooding the road and rural network, while many hectares of agricultural land have been completely inundated. The affected areas were declared in the state of emergency. The core users of the maps are Disaster Response Authorities involved in the operations.

Relevant date and time records (UTC)			
Event	30/03/2015 12:00	Last crisis status	Not Applicable
Activation	31/03/2015 9:43	Map production	02/04/2015

Data Sources

ESRI World Imagery © ESRI Digitalglobe (acquired on 16/08/2010, GSD 0.6 m, 0% cloud coverage).
Base vector layers based on OpenStreetMap © OpenStreetMap contributors, GeoNames (approx. 1:10000, extracted on 31/03/2015), refined by ITHACA. Source information is included in vector data.
Population data: Landscan 2010 © UT BATTELLE, LLC.
All Data sources are complete and with no gaps.
Inset maps based on: Administrative boundaries (JRC, 2013, GISCO, 2010, © EuroGeographics), Hydrology, Transportation (Natural Earth, 2012, CCM River DB © EU-JRC 2007), Settlements (Geonames, 2013).

Dissemination/Publication

Delivery formats are GeoTIFF, GeoPDF, GeoJPEG and vectors (shapefile and KML formats).
Map products available in the Copernicus EMS Portal at the following URL:
<http://emergency.copernicus.eu/mapping/list-of-components/EMSR122>
All products are © of the European Union.

Disclaimer

The products elaborated in the framework of current mapping in rush mode activation are realized to the best of our ability, within a very short time frame during a crisis, optimising the available data and information. All geographic information has limitations due to scale, resolution, date and interpretation of the original data sources. The products are compliant with Copernicus EMS Rapid Mapping Product Portfolio specifications.

Map Production

The present map shows basic topographic features such as transportation, hydrology and settlements in the area of Mavrothalassa (GREECE). The layer 'Land subject to inundation' includes areas such as riverbeds, river meadow and marsh. These basic topographic features are derived from public datasets, refined by means of visual interpretation of pre-event ESRI World Imagery.
The estimated geometric accuracy of this product is 5 m CE90 or better, from native positional accuracy of the background satellite image.
The estimated thematic accuracy of this product is 85% or better, as it is based on visual interpretation of recognizable items on very high resolution optical imagery. Shadowed areas are zones of lower interpretation accuracy due to the poorer image radiometry.
Only the area enclosed by the Area of Interest has been analyzed.

Contact

Map produced by ITHACA under contract 259736 with the European Union.
Name of the release inspector (quality control): e-GEOS (ODO).
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