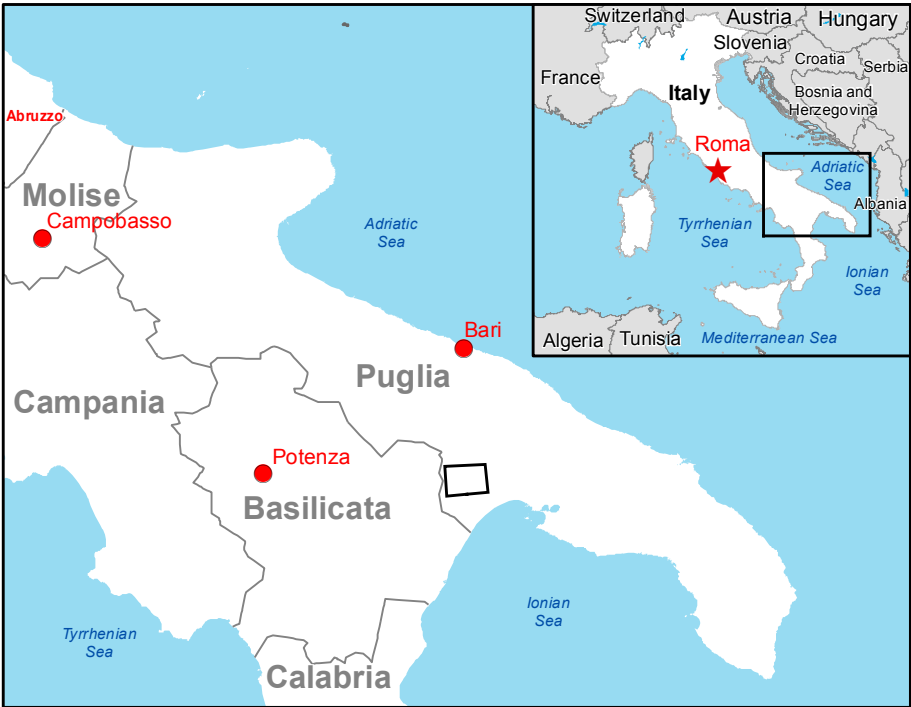


GLIDE number: N/A
Activation ID: EMSR-053
Product N.: 01Ginosa, v1

Ginosa - ITALY Flood - 07/10/2013 Reference Map - Detail 01

Production date: 12.10.2013



Cartographic Information

1:28000 Full color ISO A1, medium resolution (200 dpi)

0 0.5 1 2 km

Grid: WGS 1984 UTM Zone 33N map coordinate system
Tick marks: WGS 84 geographical coordinate system

Legend

General Information	Hydrology	Industry / Utilities
Area of Interest	Reservoir	Quarry
Settlements	River	Transportation
Populated Place	Stream	Bridge
Residential	Canal	Station
Agricultural		Railway
Industrial	Point of Interest	Primary Road
Medical	Medical	Secondary Road
Recreational		Local Road

Exposure Table within the Detail AOI			
Estimated Population		Inhabitants	54946
Settlements	Residential	ha	425
	Industrial	ha	4
	Recreational	ha	2
	Medical	ha	2
	Agriculture	ha	34
Transportation	Primary roads	km	20
	Secondary roads	km	125
	Local roads	km	654
	Railways	km	19
	Bridges	No.	5
	Station	No.	3
Utilities	Quarry	ha	64

Map Information
From October 7th 2013 on heavy rainfall caused extensive flash flood events across the western side of the province of Taranto and the bordering coastal areas of the province of Matera, claiming four casualties in the particularly bad affected towns of Ginosa and Marina di Ginosa. Other towns including Castellana, Castellana Marina and Palagianello suffered severe infrastructural damage.
The core users of the map are the national civil protection authority and in-field survey teams trying to gain an overview of the situation.

Data Sources

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).
Pre-event aerial orthoimages © 2013 courtesy of AGEA (acquired in 2010, GSD 0.5 m).
Base vector layers based on Geoportale Nazionale © Ministero Dell'Ambiente (<http://www.pcn.minambiente.it/>), OpenStreetMap © OpenStreetMap contributors, Wikimapia.org, GeoNames (approx. 1:10,000, extracted on 01/01/2001), refined by GAF AG.
Source information is included in vector data.
Population data: Landsat 2010 © UT BATTELLE, LLC.
All Data sources are complete and with no gaps.

Dissemination/Publication




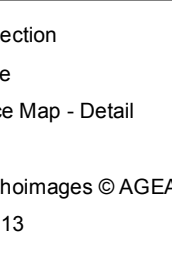
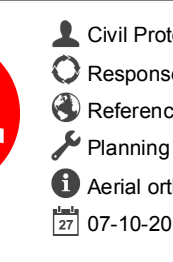
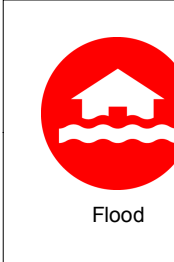
No restrictions on the publication of the mapping apply.
Delivery formats are GeoTIFF, GeoPDF, GeoJPEG and vectors (shapefile and KML formats).

Framework

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 GIO-EMS RUSH Product Portfolio specifications.

Map Production

The present map shows basic topographic features such as transportation, hydrology and settlements in the area of Ginosa (Italy). These basic topographic features are derived from public datasets, refined by means of visual interpretation of pre-event aerial orthoimages © 2013 courtesy of AGEA.
All satellite images have been radiometrically enhanced.
The estimated geometric accuracy of this product is 5 m CE90 or better, from native positional accuracy of the background orthoimage.
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.
Map produced on 12/10/2013 by GAF AG under contract 257215 with the European Commission. All products are © of the European Commission.
Name of the release inspector (quality control): GAF AG (ODO).
E-mail: rush@ems-gmes.eu



Civil Protection
Response
Reference Map - Detail
Planning
Aerial orthoimages © AGEA 2013
07-10-2013

