



GLIDE number: N/A
Activation ID: EMSR-053
Product N.: 01Ginosa_v1

Ginosa - ITALY

Flood - 07/10/2013

Reference Map - Detail 02

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

- Area of Interest
- Administrative boundaries
 - Region
 - Municipality
- Settlements
 - Residential
 - Agricultural
 - Green Area
 - Industrial
 - Recreational
 - Not Classified

Hydrology

- Reservoir
- Coastline
- River
- Stream
- Canal
- Lake

Industry / Utilities

- Quarry
- Transportation
 - Bridge
 - Station
 - Railway
 - Primary Road
 - Secondary Road
 - Local Road

Point of Interest

- Recreational

Exposure within the Detail AOI		
Estimated population		inhabitants
Settlements	Residential	214
	Industrial	18
	Recreational	9
	Green Area	12
	Sports Ground	65
	Agriculture	83
	Primary roads	48
Transportation	Secondary roads	96
	Local roads	370
	Railways	18
	Bridges	96
	Stations	1
Utilities	Quarry	94

Map Information
From October 7th 2013 an 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 (c) 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 11/10/2013), refined by ITHACA.
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 (c) 2013 courtesy of AGEA.
The estimated geometric accuracy of this product is 5 m CE90 or better, from native positional accuracy of the background orthoimages.
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 ITHACA under contract 257219 with the European Commission. All products are © of the European Commission.
Name of the release inspector (quality control): GAF AG (ODO).
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Civil Protection

Response

Reference Map - Detail

Planning

Aerial orthoimages (c) AGEA 2013

07-10-2013

Flood