

GLIDE number: N/A

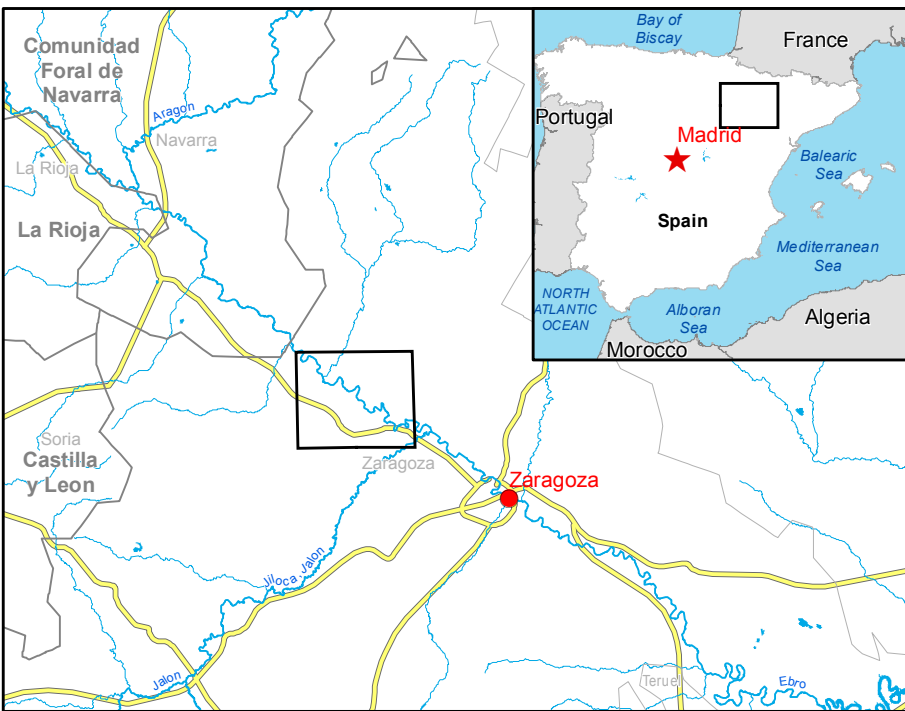
Activation ID: EMSR-118
Product N.: 01Zaragoza, v1

Zaragoza - SPAIN

Flood - 02/02/2015

Reference Map - 01 Detail

production date: 04/02/2015



Cartographic Information

1:35000

Full color ISO A1, medium resolution (200 dpi)



Grid: WGS 1984 UTM Zone 30N map coordinate system
Tick marks: WGS 84 geographical coordinate system



Legend

General Information

- Area of Interest
- Sensor Footprint

Administrative boundaries

- Municipality

Settlements

- Populated Place
- Residential
- Commercial
- Industrial
- Recreational
- Urbanized Multi-functional

Hydrology

- River
- Stream
- Canal
- Lake
- Reservoir

Point of Interest

- Educational
- Medical
- Religious
- Transportation

Industry / Utilities

- Extraction Mine
- Quarry

Transportation

- Bridge
- Railway
- Motorway
- Primary Road
- Secondary Road
- Local Road

Land use - Land Cover

Features available in vector data

Exposure within the residential AOI			
Estimated population	total AOI	inhabitants	40280
Settlements	Residential	ha	351
	Commercial	ha	3
	Recreational	ha	11
	Industrial	ha	206
Transportation	Highways	km	128
	Primary roads	km	67
	Secondary roads	km	22
	Railways	km	81
	Bridges	no	3
	Runways	km	0
Utilities	Extraction Mine	ha	36
Land use	Quarry	ha	79
	Rice Field	ha	63
	Cropland	ha	14177
	Grassland	ha	57518
	Scrub	ha	256
	Woodland	ha	20
	Wetland	ha	198
	Bare Ground	ha	2556

Map Information

Since 31 of January 2015 heavy and torrential rainfall has been causing floods at the head of the river Ebro and overflowing streams in the Ebro basin. Many villages in the Zaragoza region are expecting flood peaks within the next days. The

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).
 PNOA © IGN/IGNIG (acquired on 15/01/2011, GSD 3.6 m, 0% cloud coverage) provided under ESA GSC-DADIW Licence.
 The base map is based on OpenStreetMap © OpenStreetMap contributors, Wikipedia.org, GeoNames (approx. 1:10000, refined on 02/02/2015), refined by e-GEOS. Source information is included in vector data.
 Population data: Landscan 2010 © UT BATTELLE, LLC.

Dissemination/Publication

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 topological features such as transportation, hydrology and settlements in the area of Zaragoza (SPAIN).
These basic topological features are derived from public datasets, refined by means of visual interpretation of PNOA pre-aerial imagery. The estimated geometric accuracy of this product is 5 m CE90 or better, from native positional accuracy of the background dataset and resolution.
The topological accuracy of this product is 95% or better, as it is based on visual interpretation of recognizable items on high resolution optical imagery. Shadowed areas are zones of lower interpretation accuracy due to the poorer image radiometry. The shaded areas indicate the areas considered as zones of lower accuracy.
Map produced on 04/02/2015 by e-GEOs under contract 257219 with the European Commission. All products are © of the European Commission.
Name of the release inspector (qualifier control): GAFAG (ODD).
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Map products available at <http://emergency.copernicus.eu/mapping/list-of-components/EMSR118>

