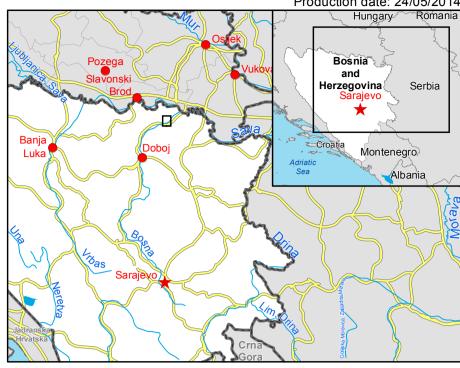




Activation ID: EMSR-087 Product N.: 01DOBOJ, v2

Doboj BOSNIA AND HERZEGOVINA Flood - 13/05/2014 Reference Map - Detail 03 Production date: 24/05/2014

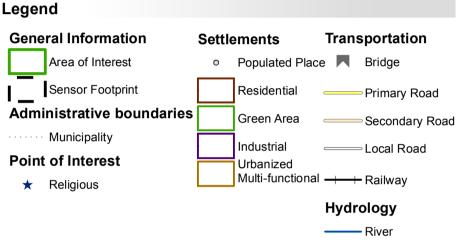


Cartographic Information

Full color ISO A1, medium resolution (200 dpi)

0.25 0.5

Tick marks: WGS 84 geographical coordinate system



Exposure within the detail AOI			
Estimated population	i	inhabitants 154	
Settlements	Residential	ha	574,5
	Green Area	ha	7,5
	Industrial	ha	0,7
	Urbanized Multi- Functional	ha	28,7
Transportation	Primary	km	18,0
	Secondary	km	9,
	Local Road	km	31,8
	Railway	km	5,3

Map Information

On 13 May 2014, heavy rainfalls and widespread flooding hit large parts of Bosnia and Herzegovina. Heavy rainfall continued to affect large parts, in particular the region of Doboj and Zenica. The core users of the maps are Disaster Response Authorities involved in

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).
RapidEye © Blackbridge (acquired on 23/10/2013 10:49 UTC, GSD 6.5 m, 0% cloud

coverage), all rights reserved. Base vector layers based on OpenStreetMap © OpenStreetMap contributors, refined by GAF AG. Source information is included in vector data.

Population data: Landscan 2010 © UT BATTELLE, LLC. Elevation data: SRTM (90 m posting). Height in meters above mean sea level.

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).

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.

The present map shows basic topographic features such as transportation, hydrology and settlements in the area of Doboj (BOSNIA AND HERZEGOWINA). These basic topographic features are derived from public datasets, refined by means of visual interpretation of preevent orthoimagery from RapidEye © BlackBridge (acquired on 23/10/2013 10:49 UTC,

GSD 6.5 m, 0% cloud coverage).
All satellite images have been radiometrically enhanced and orthocorrected with RPC approach (using SRTM elevation data).

The estimated geometric accuracy of this product is 45 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 this presolution 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. Map produced on 24/05/2014 by GAF AG under contract 257219 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

Map products available at http://emergency.copernicus.eu/mapping/list-of-components/EMSR087



Reference Map - Detail

 RapidEye © BlackBridge 27 13-05-2014





