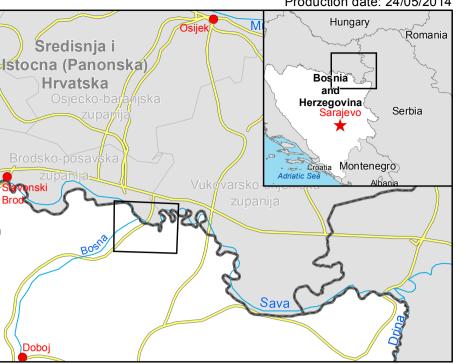


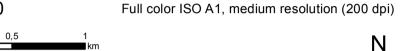
GLIDE number: FF-2014-000059-BIH

Activation ID: EMSR-087 Product N.: 01DOBOJ, v1

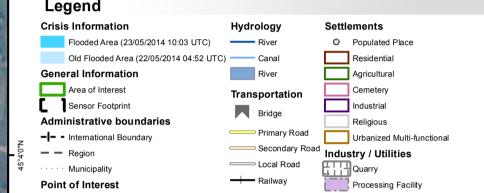
Doboj **BOSNIA AND HERZEGOVINA** Flood - 13/05/2014 Delineation Map - Detail 01 Monit. 02 Production date: 24/05/2014



Cartographic Information



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



Estimated population		Inhabitants	8448	42600
Settlements	Industrial	ha	25.5	76.0
	Residential	ha	236.6	1193.1
	Religious	ha	0.1	1.0
	Urbanized Multifunctional	ha	0.4	35.1
	Cemetary	ha	1.7	11.1
Utilities	Quarry	ha	3.8	9.1
	Processing Facility	ha	0.1	1.9
Transportation	Primary Road	km	0.8	20.9
	Secondary Road	km	1.7	31.4
	Local Road	km	25.9	131.6
	- ··		0.0	40.0

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

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 10:48 UTC and 21/03/2014 10:49 UTC,

GSD 6.5 m, 0% cloud coverage), all rights reserved.
Radarsat-2 © MDA (acquired on 22/05/2014 04:52 UTC, GSD 15 m). Pleiades © Airbus Defence and Space 2014 (acquired on 23/05/2014 10:03 UTC, GSD 0.5

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). Hegical meters above mean sea level.

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 pre-event orthoimagery from RapidEye © Blackbridge (acquired on 23/10/2013 10:48 UTC, GSD

GSD 0.5 m) Ltd. All rights reserved.

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 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 within the Bosnian 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 $Map\ products\ available\ at\ http://emergency.copernicus.eu/mapping/list-of-components/EMSR087$



L Civil Protection

Delineation Map - Detail Monit. 02

Pleiades © Airbus Defence and Space





