

Cartographic Information

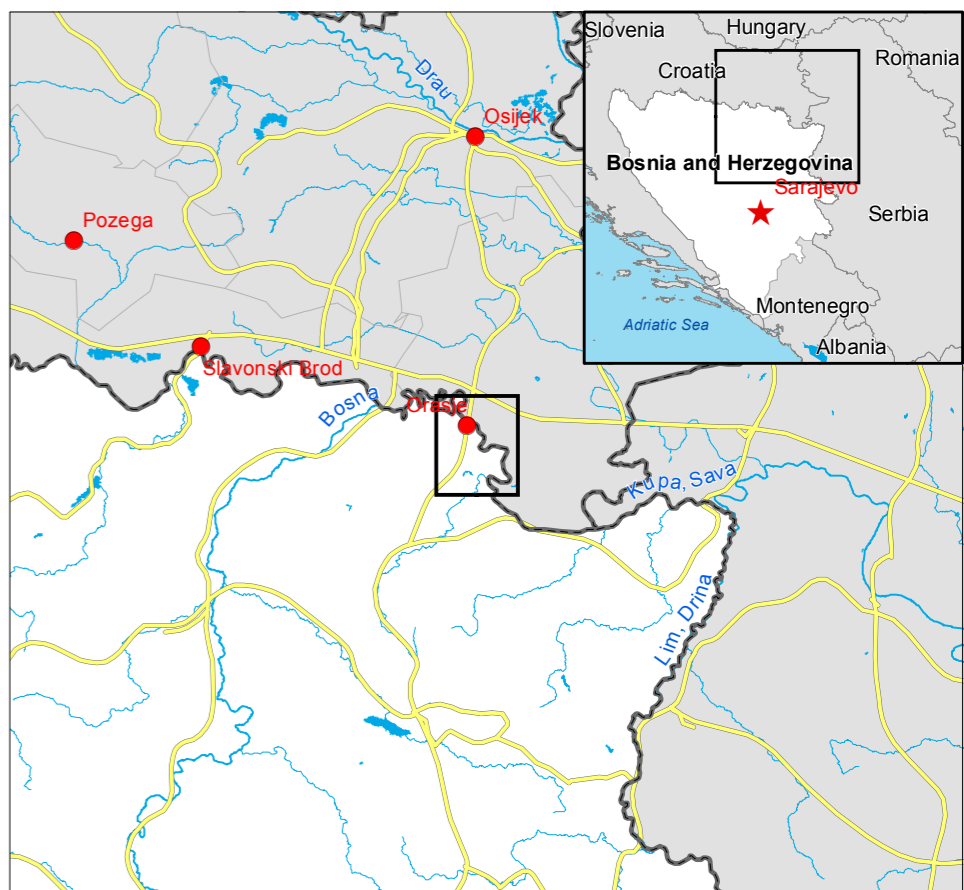
1:35000 Full color ISO A1, medium resolution (200 dpi)

0 0.5 1 2 km

Map Coordinate System: WGS 1984 UTM Zone 34N
Graticule: WGS 84 geographical coordinates

- Legend**
- General Information**
- Area of Interest
 - Administrative boundaries
 - International Boundary
 - Region
 - Municipality
 - Settlements
 - Populated Place
 - Residential
 - Agricultural
 - Cemetery
 - Commercial
 - Industrial
 - Recreational
 - Religious
 - Transportation
- Point of Interest**
- Medical
 - Religious
- Hydrology**
- River
 - Stream
 - Canal
 - Lake
 - Reservoir
 - River
- Transportation**
- Bridge
 - Primary Road
 - Secondary Road
 - Local Road

Exposure within the overview AOI on Bosnian territory				
Estimated population	inhabitants			41800
Settlements	Industrial	ha		0.8
	Commercial	ha		10.9
	Residential	ha		1475.7
	Religious	ha		1.2
	Recreational	ha		6.0
	Cemetery	ha		0.5
	Agricultural	ha		13.2
Transportation	Primary	km		26.2
	Secondary	km		20.3
	Local Road	km		318.9
	Bridge	No.		3



Map Information

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), SPOT16 © Airbus Defence and Space 2014 (acquired on 18/08/2013 10:24 UTC, GSD 1.5m, approx. 0% cloud coverage), Landsat © USGS (acquired on 12/03/2014, GSD 15 m, 0% cloud coverage). Base vector layers based on OpenStreetMap © OpenStreetMap contributors, Wikimapia.org, GeoNames (approx. 1:10,000, extracted on 20/05/2014), refined by GAF AG. Source information is included in vector data. Elevation data: SRTM (90m posting). Height in meters above mean sea level. Population data: Landsat 2010 © UT BATTELLE, LLC. <CLR> All Data sources are complete and with no gaps.

Dissemination/Publication

No restrictions on the publication of the mapping apply. Delivery formats are GeoTIF, GeoPDF, GeoPDS 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 Orasje (BOSNIA AND HERZEGOVINA). These basic topographic features are derived from public datasets, refined by means of visual interpretation of pre-event image SPOT16 © Airbus Defence and Space 2014 (acquired on 18/08/2013 10:24 UTC, GSD 1.5m, approx. 0% cloud coverage). All satellite images have been radiometrically enhanced and orthorectified with RPC approach (using SRTM elevation data). The estimated geometric accuracy of this product is 35 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 very 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 territory. 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>

