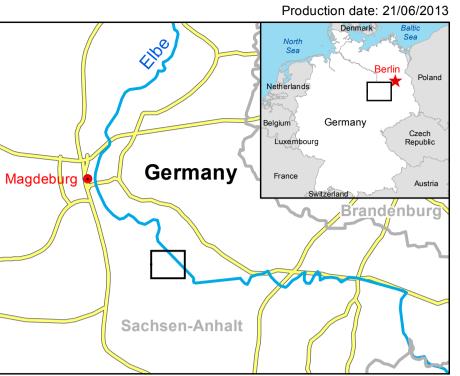


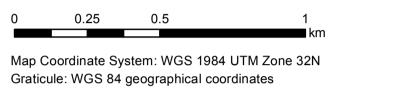
Activation ID: EMSR-047 Product N.: 02Breitenhagen, v2

Breitenhagen - GERMANY Flood Delineation Map - Detail



Cartographic Information

Full color ISO A1, medium resolution (200 dpi)



Flooded Areas (18/06/2013) **General Information**

Secondary Road

—— Local Road

 Populated Place Industrial

Multi-functional Residential

Weeks of heavy rain have left the Elbe, other rivers causing extensive damage in central and southern Germany.
The swollen river Elbe has breached its banks again on its relentless march toward the North Sea, forcing German authorities to evacuate 10 villages and shut one of the main railway In central and southern Germany floods have been affecting several towns and villages.

A dyke near Fischbeck in the state of Saxony-Anhalt was breached, allowing flood waters to

inundate a large area.

The core users of the map are Civil Protection authorities involved in in-field operations.

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). Aerial orthoimages © Federal Agency for Cartography and Geodesy (BKG) (GSD 2.50 m, 0% cloud coverage). WorldView-02 @DigitalGlobe 2013 (acquired on 18/06/2013, 0% cloud cover, 2 m. resolution)

Base vector layers based on Openstreetmap, Geonames, Corine Land Cover, Urban Atlas (approx. 1:25:000, extracted on 18/06/2013), refined by e-GEOS. 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 Breitenhagen (Sachsen-Anhalt, GERMANY). These basic topographic features are derived from public datasets, refined by means of visual interpretation of the national official aerial orthoimages © Federal Agency for Cartography and Geodesy (BKG) (GSD 0.40 m, 0% cloud coverage).

Thematic layer assessing the delineation of the flood event has been derived from WorldView 02 poet event imageny (2 m, resolution acquired on 18/06/2013).

WorldView-02 post-event imagery (2 m. resolution, acquired on 18/06/2013).

The estimated geometric accuracy of this product is 3m CE90 or better, from native positional accuracy of the background aerial 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.

Map produced on 21/06/2013 by e-GEOS under contract 257219 with the European Commission. All products are © of the European Commission.

Name of the release inspector (quality control): e-GEOS (ODO).

E-mail: rush@ems-gmes.eu





Delineation Map - Detail

 WorldView-02 © DigitalGlobe ¹ 17-06-2013





