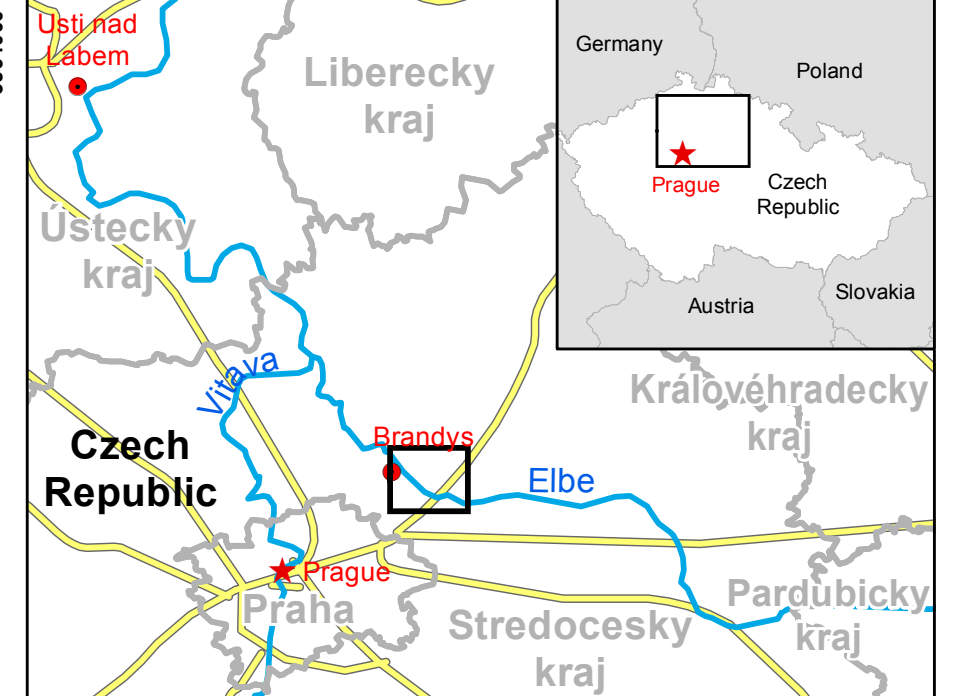


# Brandys - CZECH REPUBLIC Flood - 03/06/2013 Reference Map - Detail

Production date: 06/06/2013



## Cartographic Information

1:15000 Full color ISO A1, medium resolution (200 dpi)

0 0,25 0,5 1 km

Map Coordinate System: WGS 1984 UTM Zone 33N  
Graticule: WGS 84 geographical coordinates

## Legend

- |                                  |                  |                          |
|----------------------------------|------------------|--------------------------|
| <b>General Information</b>       | <b>Hydrology</b> | <b>Point of Interest</b> |
| Area of Interest                 | Dam              | Educational              |
| <b>Administrative boundaries</b> | River            | Industrial               |
| Municipality                     | Stream           | Religious                |
| <b>Settlements</b>               | Lake             | Transportation           |
| Populated Place                  | Reservoir        | <b>Transportation</b>    |
| Recreational                     |                  | Railway                  |
| Residential                      |                  | Runway                   |
| Urbanized Multi-functional       |                  | Primary Road             |
|                                  |                  | Secondary Road           |
|                                  |                  | Local Road               |

## Map Information

Surging rivers in the Czech Republic, Germany and Austria caused widespread flooding in the region. Heavy rains had swelled the Elbe, Danube and Vltava rivers over the weekend, along with smaller rivers and tributaries. In the Czech Republic, the floods have been affecting a number of towns and villages in both Ústí nad Labem, Melník, Prague and other areas. The flooding prompted the evacuation of about 20,000 people and the declaration of state of emergency. Several people have already been killed. The main users of the map are Civil Protection authorities involved in in-field operations. The potential additional users of the map are other authorities involved in operations. The scope of the map is to provide support to planning and rescue operations.

## 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).  
Landsat (c) USGS/NASA (acquired 2002/2002, GSD 15m, 0% cloud coverage).  
Aerial orthomages © Český úřad zeměměřický a katastrální (CUZK) (acquisition period 2010-2011, GSD 0,25 m, 0% cloud coverage).  
Base vector layers based on OpenStreetMap, Geonames, Corine Land Cover, Urban Atlas (approx. 1:25,000, extracted on 05/06/2013), 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).

## 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 Brandys (CZECH REPUBLIC). These basic topographic features are derived from public datasets, refined by means of visual interpretation of the national official aerial orthomages © Český úřad zeměměřický a katastrální (CUZK) (GSD 0,25 m, 0% cloud coverage).  
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 06/06/2013 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

Flood

Civil Protection

Response

Reference Map - Detail

Planning

Aerial Orthomage

03-06-2013