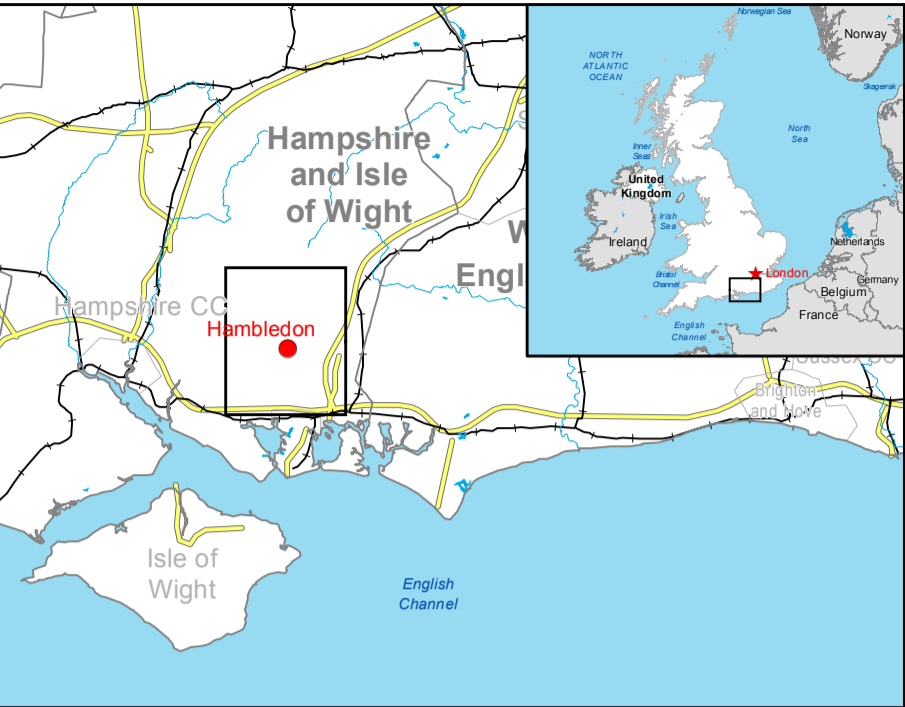


Hambleton - UNITED KINGDOM

Flood - 10/02/2014

Reference Map - Overview

Production date: 23/02/2014



Cartographic Information

1:36000 Full color ISO A1, medium resolution (200 dpi)



Grid: WGS 1984 UTM Zone 30N map coordinate system
Tick marks: WGS 84 geographical coordinate system

Legend	Point of Interest	Transportation
General Information	Educational	Bridge
Administrative boundaries	Medical	Motorway
Settlements	Religious	Primary Road
Populated Place	Transportation	Secondary Road
Built-Up Area	Industry / Utilities	
Hydrology	Power Line	
Stream	Power Station	
	Storage Depot	

Map Information

Since the end of January heavy rainfalls have caused severe floods in different districts of southern England. Two severe flood warnings are still valid in the Hampshire region. Levels and river levels are expected to continue rising along the Thames river. The core users of the maps are Disaster Response Authorities involved in operations.

Data Sources

Inset maps based on: Administrative boundaries (JRC 2013, GISCO 2010, © EuroGeographics), Hydrology, Transportation (Natural Earth, 2012, CCM River DB © EUJRC 2007), Settlements (Geonames, 2013).
Aerial orthomages (Landsat-8 © U.S. Geological Survey (acquired on 08/07/2013, GSD 15 m, approx 0% cloud coverage).
Base vector layers based on OpenStreetMap © OpenStreetMap contributors, Wikimapia.org, GeoNames UK Open Data (approx. 1:10000, extracted on 11/02/2014), refined by GAF AG.
Source information is included in vector data.
Population data: Landsat 2010 © UT BATTELLE, LLC.
Elevation data: SRTM (90 m posting)

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, settlements, toponyms and administrative borders in the area of Maidenhead (United Kingdom). These basic topographic features are derived from public datasets, refined by means of visual interpretation of pre-event Landsat-8 imagery © U.S. Geological Survey (acquired on 08/07/2013, GSD 15 m, approx 0% cloud coverage). The estimated geometric accuracy of this product is 12 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 medium resolution optical imagery. Only the area enclosed by the Area of Interest has been analyzed.
Map produced on 23/02/2014 by GAF AG under contract 257219 with the European Commission. All products are © of the European Commission.
Name of the release inspector (quality control): e-GEOS (ODO).
E-mail: rush@ems-gmes.eu

Map products available at <http://emergency.copernicus.eu/mapping/list-of-components/EMSR069>

Flood

Civil Protection

Response

Reference Map - Overview

Planning

Landsat-8 © USGS

10-02-2014