

Worcester - UNITED KINGDOM
Flood - 10/02/2014
Reference Map - Detail

Production date: 23/02/2014

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 30N
Graticule: WGS 84 geographical coordinates



Legend

General Information

Area of Interest

Settlements

Populated Place

Residential

Commercial

Educational

Industrial

Institutional

Medical

Point of Interest

Educational

Medical

Religious

Hydrology

River

Reservoir

River

Transportation

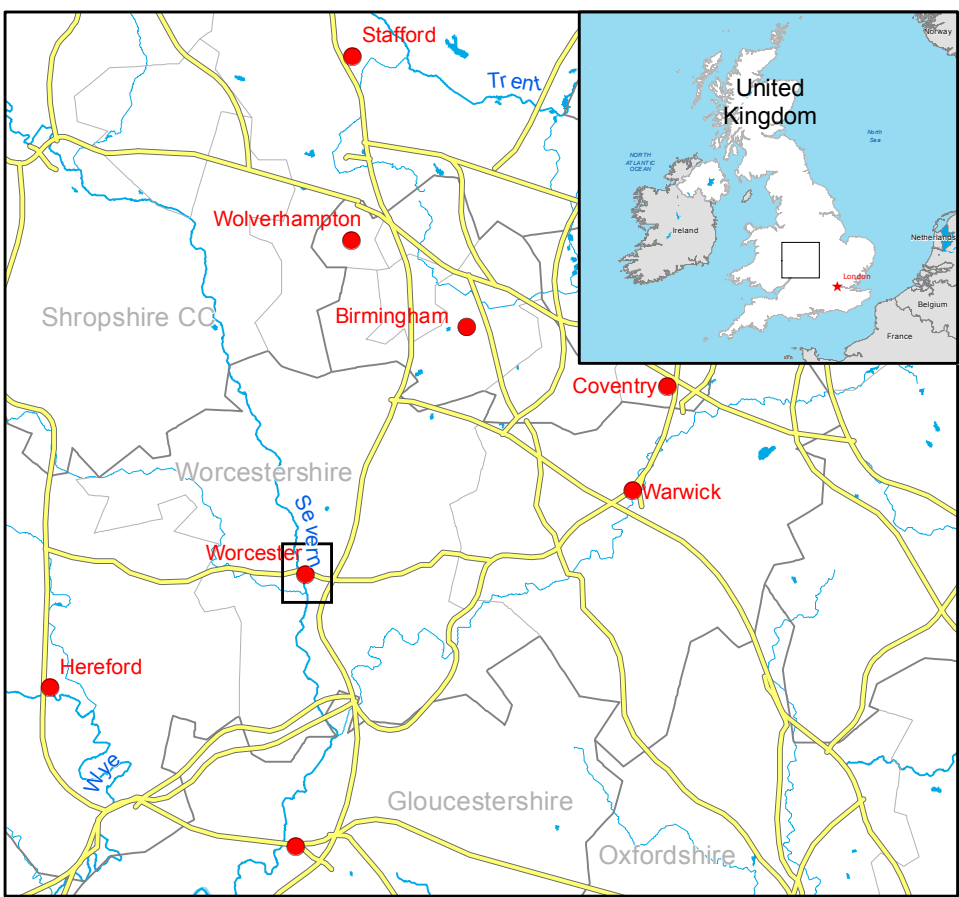
Motorway

Primary Road

Secondary Road

Local Road

Railway



Map Information

Since the end of January heavy rainfalls have caused severe floods in different districts of southern England. Severe flood warnings are still valid in the Worcestershire region. Levels and river levels are expected to continue rising along the Severn 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). Satellite Data © Microsoft, distributed by ESRI ArcGIS World Imagery Map (acquired on 11/07/2011, GSD 2.5 m, 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 e-GEOS. Source information is included in vector data. Elevation data: SRTM (90 m posting). 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 the flood delineation in the area of Worcester (Hampshire Region, ENGLAND). The basic topographic features are derived from public datasets, refined by means of visual interpretation of pre-event Satellite Data © Microsoft, distributed by ESRI ArcGIS World Imagery Map (acquired on 11/07/2011, GSD 2.5 m). The estimated geometric accuracy of this product is 5 m CE90 or better, from native positional accuracy of the background satellite imagery. 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. Only the area enclosed by the Area of Interest has been analyzed. Map produced on 23/02/2014 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.

