



Area of Interest - Overview

Area of Interest - Detail

GLIDE number: N/A  
Activation ID: EMSR-022  
Product N.: 01Gloucester, v2

# Gloucester - UK Flood - 26/11/2012 Reference Map - Overview

Production date: 05/12/2012



## Cartographic Information

1:60000 Full color ISO A1, medium resolution (200 dpi)

0 1.25 2.5 5 km

Map Coordinate System: WGS 1984 Complex UTM Zone 30N  
Graticule: WGS 84 geographical coordinates

## Legend

**General Information**  
Area of Interest

**Built-Up Area**  
Built-Up Area

**Transportation**  
National Motorway  
Primary Road  
Secondary Road  
Runway  
Railway  
Aerodrome

**Point of Interest**  
Educational  
Industrial  
Institutional  
Medical

**Hydrology**  
River  
Lake

**Industrial Facility**  
Quarry

Exposure within the AOI				
Potentially affected population	47500 Inhabitants			
Potentially affected assets	363 Points Of Interest			
Educational	81	Medical	8	
Industrial	34	Institutional	18	
Religious	221	Aerodrome	1	

## Map Information

This is a Reference map for the area of Gloucester showing the situation after the event. The core user of the map is the Civil Contingency Secretariat Cabinet Office involved in in-fied operations. The scope of the map production is planning and support to logistics. Since 26 November 2012, areas in England have been affected by extreme rainfall, with significant flooding impacts continuing such as flooding of properties and disruption to travel. River levels are set to peak, putting further properties at risk, and the river Severn deemed to be of particular concern. Gloucestershire received almost a whole month's rain in two days. Flooding Gloucestershire was predominately from smaller watercourses which reacted quickly to the local runoff, with flooding from the River Severn. This caused extensive flooding across the lower Severn catchment and, in many places, river levels were the highest ever recorded. River Severn flood levels around Gloucester city were higher than the previously recorded during exceptional flows in the River Tem and River Avon and heavy rainfall across Worcestershire and Gloucestershire.

## Data Sources

Spots © CNES 2012 (acquired on 06/03/2012, GSD 10 m, 2% cloud coverage) provided under ESA GSC-DA DWH License. Base vector layers based on Openstreetmap, Geonames, GADM, OS OpenData Ordnance Survey 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.

## Map Production

The map shows basic topographic features such as transportation, hydrology, general information and built up area in the area of Severn river. These basic topographic features derive from public datasets, refined by mean of visual interpretation of pre-event image. All satellite images has been radiometrically enhanced and georeferenced. The estimated geometric accuracy of this product is 30 m CE90 or better, from native positional accuracy of the background satellite image. The estimated thematic accuracy of this product is 85% or better. Map produced on 04/12/2012 by e-GEOS. Name of the release inspector (quality control): GAF (ODO).

Civil Protection

Response

Reference Map - Overview

Planning and support to logistics

Spots (c) CNES (2012)

26-11-2012

Flood