



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

Production date: 05/12/2012



## Cartographic Information

1:30000      Full color ISO A1, medium resolution (200 dpi)

0 0.5 1 2 km

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

- ### Legend
- General Information**
  - Area of Interest
- Building**
  - Building
- 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	38200 Inhabitants
Potentially affected assets	196 Points Of Interest
	Educational 60 Medical 3
	Industrial 17 Institutional 6
	Religious 109 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-field operations. The scope of the map production is planning and support to logistics. Since 26 November 2012, areas in the 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 predominantly 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,

**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 (shapelle 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 the product is 85% or better. Map produced on 04/12/2012 by e-GEOS  
Name of the release inspector (quality control): GAF (ODO).

Flood

- Civil Protection
- Response
- Reference Map - Detail
- Planning and support to logistics
- Spots (c) CNES (2012)
- 26-11-2012