

BULGARIA - Sofia Region

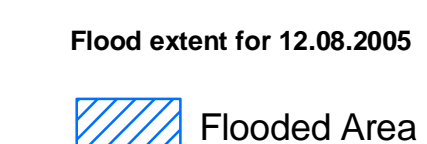
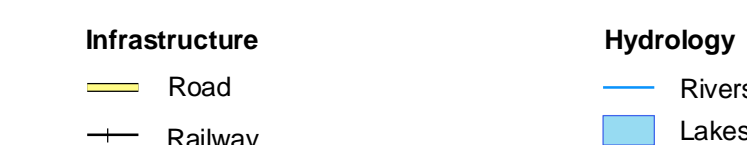
Past Flood Event Map

Flood situation as of August 12, 2005

Location Diagrams



Legend



Interpretation

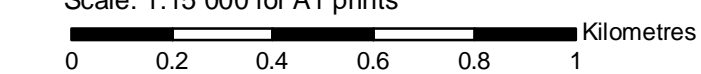
The map shows the flood extent of Iskar River in Sofia region, Bulgaria. In 2005 there were two floods. The first flood - 6-8 June 2005 - destroyed the bridge at the station over Banevska river in the Ivanyane quarter. The second flood - 5-8 August 2005 - destroyed another bridge at the station over the Iskar river in the town of Novi Iskar.

Image processing: Orthorectification and Thematic classification - Erdas Imagine;
 Water Extraction Methods: - Unsupervised classification - Erdas Imagine;
 Manual interpretation and spatial analysis - ArcGIS

Cartographic Information

Local projection: UTM Zone 35 N, Datum: WGS 84
 Geographic projection: Geographic (DMS), Datum: WGS 84

Scale: 1:15 000 for A1 prints



Data Sources

Imagery layers
 © Telespazio - 2010
 Date of satellite image: 2010/05/01
 Type Satellite: GeoEye-1
 Scene name: po 3801190 0020000; po 3801190 0020001;
 po 3801190 0030000; po 3801190 0030001
 Projection: WGS 1984 UTM Zone 35 N

Vector layers
 © ReSAC - 2010
 Rivers, Lakes, Settlements, Roads
 © Ministry of Environment and Water of Bulgaria - JICA Project 2005
 Railway, Municipalities
 © National topomaps 1:100 000

Framework

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Map produced on the 22nd of July 2010 by ReSAC
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