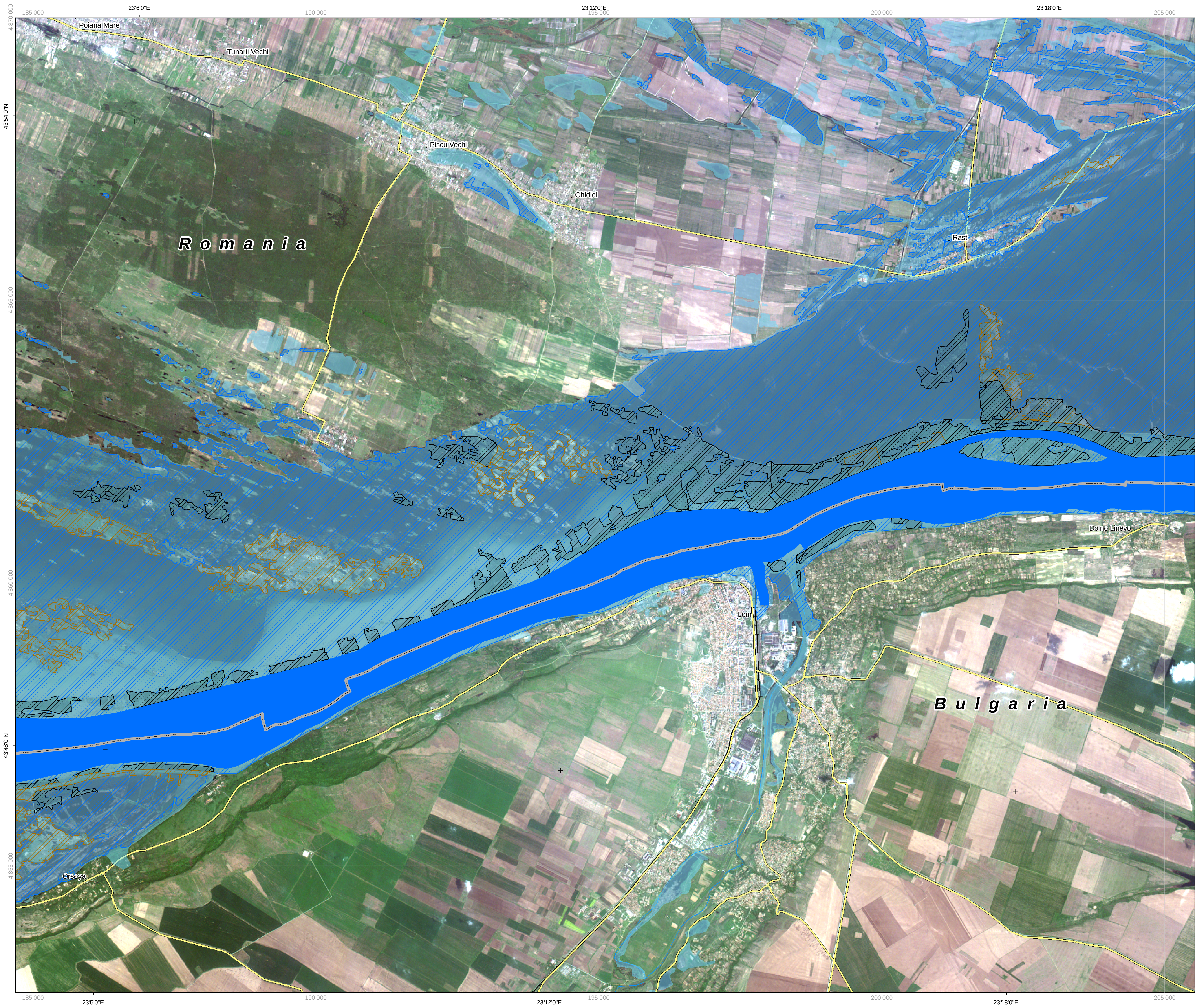




# BULGARIA - Lom Region

## Past Flood Event Map

Flood situation as of April 25, 2006

### Location Diagrams



### Legend



- Infrastructure**
- Road
  - Railway
- Boundary**
- Country border
- Hydrology**
- Rivers
  - Lakes

- Flood extent**
- Maximum flood extent for period 17-25 April, 2006
  - River extent normal condition between July and October, 2002

- Flood extent for 25 April 2006**
- Type of flooding**
- Flooded Area
  - Moist Area
  - Potentially Flooded Area

### Interpretation

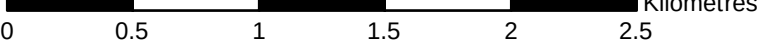
The map shows the flood extent of the Danube River in Lom region, Bulgaria for 25 April 2006. The combination with the maximum flood extent for the period 17-25 April 2006 shows the evolution of the flood event. Between March and May 2006, high levels of the Danube River, both with downfalls and high water levels of Bulgarian tributaries, caused floods in many settlements along the coast of Danube River. At the beginning of April, "crisis situation" was announced from the Bulgarian Government for the entire Bulgarian Danube region.

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: 1:30 000 for A1 prints



### Data Sources

Imagery layers  
© NSPO - 2006, Distribution Spot Image S.A.  
Date of satellite image: 2006/04/25  
Type Satellite: FORMOSAT-2  
Scene name: SCENE F2 M 2006/04/25 08:45:46.0 0058-0231 1490  
Projection: WGS 1984 UTM Zone 35 N

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

### Framework

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Map produced on the 24th of August 2010 by ReSAC  
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