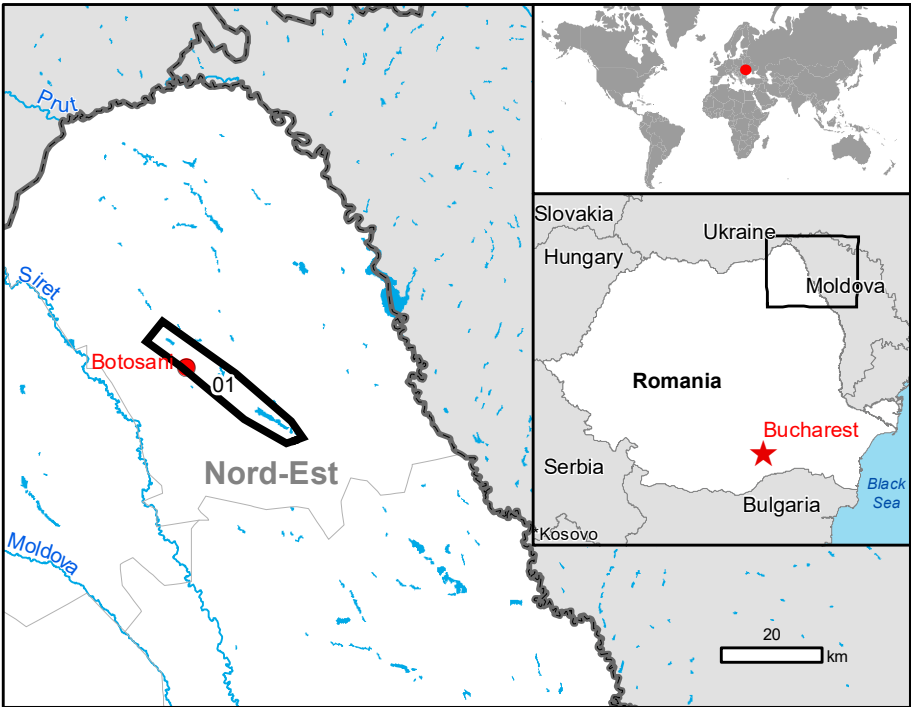


GLIDE number: N/A Activation ID: EMSR293
Product N.: 01BOTOSANI, v1, English

Botosani - ROMANIA

Flood - Situation as of 03/07/2018

Delineation Map - MONIT01



Cartographic Information

1:50000 Full color ISO A1, medium resolution (200 dpi)

0 1.25 2.5 5 km

Grid: WGS 1984 UTM Zone 35N map coordinate system
Tick marks: WGS 84 geographical coordinate system

Legend

- Crisis Information**
 - Flooded Area (03/07/2018 16:00 UTC)
 - Previous Flooded Area (02/07/2018 03:40 UTC)
- General Information**
 - Area of Interest
- Placenames**
 - Placename
- Built-Up Area**
 - Built-Up Area
- Hydrography**
 - River
 - Stream
 - Lake
- Transportation**
 - Bridge and elevated highway
 - Primary Road
 - Secondary Road
 - Local Road
 - Cart Track
 - Long-distance railway

Consequences within the AOI		Unit of measurement		Affected	Total in AOI
Flooded area		ha		19	72974
Estimated population		Number of inhabitants		0.6	2359.5
Settlements	Built-Up Area	No.		0	25
	Bridge and elevated highway	km		0.0	23.3
	Primary Road	km		0.0	38.2
	Secondary Road	km		0.3	76.3
	Local Road	km		0.0	32.3
Transportation	Cart Track	km		0.0	10.3
	Long-distance railway	km		0.0	10.3

Map Information

The heavy rain in recent days has caused floods in several areas in central and Eastern Romania. The Botosani, Trolus and Ozun areas are facing severe flooding, hundreds of people have been evicted and many damages have been reported.

The present map shows the flood delineation in the area of Botosani (Romania). The thematic layer has been derived from post-event satellite image using a semi-automatic approach. The estimated geometric accuracy is 3 m CE90 or better, from native positional accuracy of the background satellite image.

Relevant date records			
Event	30/06/2018	Situation as of	03/07/2018
Activation	01/07/2018	Map production	03/07/2018

Data Sources

Pre-event image: Sentinel 2B (2018) (acquired on 29/05/2018 at 09:20 UTC, GSD 10 m, approx. 0% cloud coverage in AOI, 0° off-nadir angle) provided under Copernicus by the European Union and ESA.
Post-event image: COSMO-SkyMed © ASI (2018), distributed by e-GEOS S.p.A. (acquired on 02/07/2018 at 03:40 UTC, GSD 5 m and on 03/07/2018 at 16:00 UTC, GSD 5 m), provided under Copernicus by the European Union and ESA, all rights reserved.

Base vector layers: OpenStreetMap © OpenStreetMap contributors, Wikimapia.org, GeoNames 2015, refined by the producer.
Inset maps: JRC 2013, © EuroGeographics, Natural Earth 2012, CCN River DB © EURC2007, GeoNames 2013.

Population data: GHS - Population, Grid © European Commission, 2015
http://data.europa.eu/89h/jrc-ghs-pop_gpw4_globe_r2015a
Digital Elevation Model: SRTM (90 m)

Disclaimer

Products elaborated in this Copernicus EMS Rapid Mapping activity are realized to the best of our ability, within a very short time frame, optimising the available data and information. All geographic information has limitations due to scale, resolution, date and interpretation of the original sources. No liability concerning the contents or the use thereof is assumed by the producer and by the European Union.
Please be aware that the thematic accuracy might be lower in urban and forested areas due to inherent limitations of the SAR analysis technique.
Map produced by GAF AG released by SERTIT (ODO).

For the latest version of this map and related products visit
<http://emergency.copernicus.eu/EMSR293>

Jrc-ems-rapidmapping@ec.europa.eu
© European Union
For full Copyright notice visit <http://emergency.copernicus.eu/mapting/ems/cite-copernicus-ems-mapping-portal>

