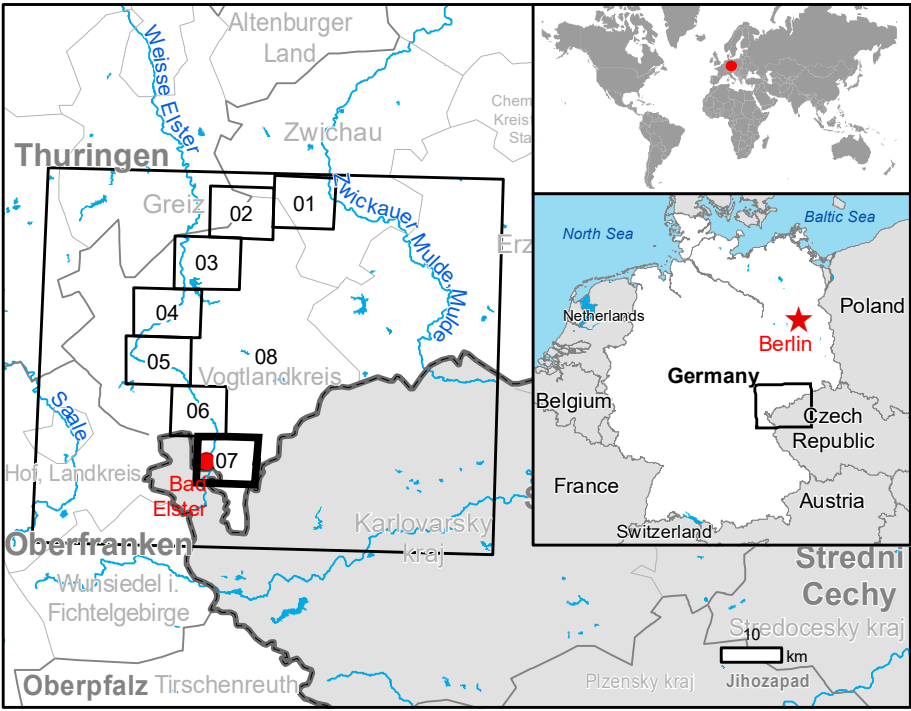


**Bad Elster - GERMANY**  
**Flood - Situation as of 26/05/2018**  
Delineation Map



**Cartographic Information**

1:16000 Full color ISO A1, medium resolution (200 dpi)



Grid: WGS 1984 UTM Zone 33N map coordinate system  
Tick marks: WGS 84 geographical coordinate system

**Legend**

- General Information**
  - Area of Interest
  - Placename
- Administrative boundaries**
  - International Boundary
  - Municipality
- Built-Up Area**
  - Residential
  - Multi-functional
- Hydrography**
  - River
  - Stream
  - Lake
  - Reservoir
- Transportation**
  - Primary Road
  - Local Road
  - Long-distance railway

**NO FLOODED AREAS CAN BE DETECTED  
FROM THE ANALYSED SATELLITE IMAGERY**

**Map Information**

Hours of heavy rain and thunderstorms led to massive flash floods between the 24th and 25th May 2018 in the Vogtland region of Saxony in Germany. Damages and traffic obstructions have been reported. Areas around the White Elster river were particularly affected and the Pirik barrage had to let of around 150 cubic meters per second which caused floods downstream. Damage evaluation is of prime importance for the Saxon State Ministry of Environment and Agriculture.

The present map shows the flood delineation in the area of Bad Elster (Germany). The thematic layer has been derived from post-event satellite image by means of visual interpretation. The estimated geometric accuracy is 5 m CE90 or better, from native positional accuracy of the background satellite image.

Relevant date records			
Event	24/05/2018	Situation as of	26/05/2018
Activation	25/05/2018	Map production	27/05/2018

**Data Sources**  
Pre-event image: ESRI World Imagery © DigitalGlobe (acquired on 21/03/2014, GSD 0.6 m, approx. 0% cloud coverage in AoI).  
Post-event image: COSMO-SkyMed © ASI (2018), distributed by e-GEOS S.p.A. (acquired on 26/05/2018 at 18:12 UTC, GSD 3 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, CCM River DB © EURC2007, GeoNames 2013.

Population data: GHS Population Grid © European Commission, 2015  
[http://data.europa.eu/89h/jrc-ghsl-ghs\\_pop\\_gpw4\\_globe\\_r2015a](http://data.europa.eu/89h/jrc-ghsl-ghs_pop_gpw4_globe_r2015a).  
Digital Elevation Model: EU-DEM (25 m)

**Disclaimer**

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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 SERTIT released by SERTIT (ODD).

For the latest version of this map and related products visit  
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