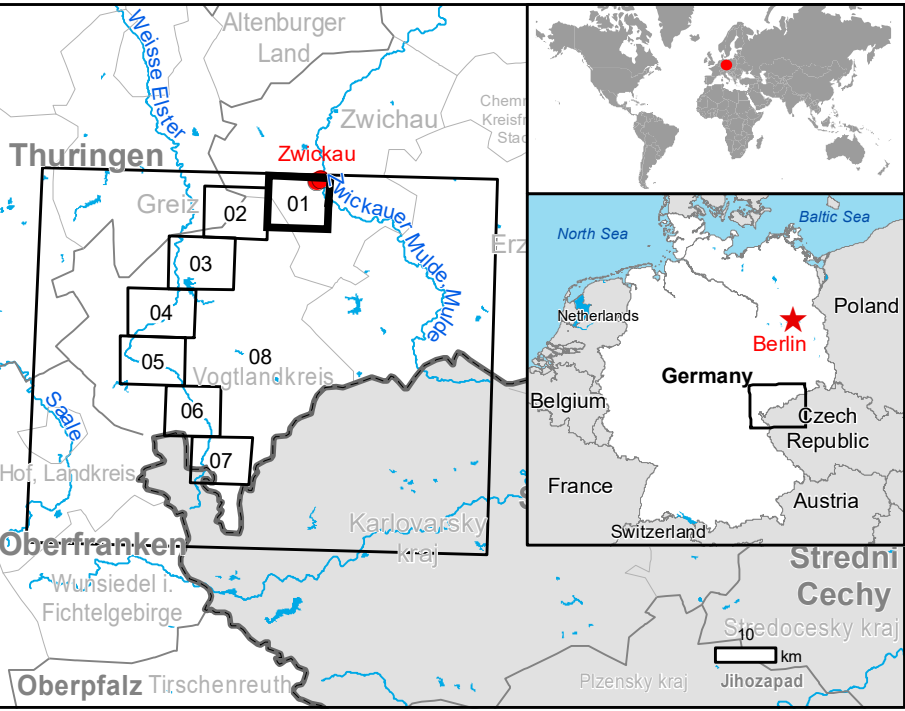


GLIDE number: N/A Activation ID: EMSR287  
Product N.: 01ZWICKAU, v1, English

## Zwickau - GERMANY

### Flood - Situation as of 26/05/2018

#### Delineation Map



#### Cartographic Information

1:17000 Full color ISO A1, medium resolution (200 dpi)

0 0.35 0.7 1.4 km

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

#### Legend

- General Information**
  - Area of Interest
  - Not Analysed
- Placenames**
  - Placename
- Administrative boundaries**
  - Municipality
- Built-Up Area**
  - Residential
  - Traffic and communication
  - Industrial
  - Reservoir, silos and warehouse
  - Public entertainment, education, hospital or institutional care
  - Public entertainment
  - School, university and research
  - Sports hall
  - Multi-functional
- Hydrography**
  - River
  - Stream
- Hydrography**
  - Lake
  - Reservoir
- Transportation**
  - Highway
  - Primary Road
  - Secondary Road
  - Local Road
  - Cart Track
  - Long-distance railway
  - Tramway
  - Airfield runway

**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 Pink 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 Zwickau (Germany). The thematic layer has been derived from post-event satellite image using a semi-automatic approach OR by means of visual interpretation. The estimated geometric accuracy is 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 16/07/2010, GSD 0.6 m, approx. 0% cloud coverage in AoI).

ESRI World Imagery © DigitalGlobe (acquired on 17/08/2013, GSD 0.6 m, approx. 0% cloud coverage in AoI).

Post-event image: SPOT6/7 © Airbus DS (2018), (acquired on 26/05/2018 at 10:11 UTC, GSD 0.6 m, approx. 20% cloud coverage in AoI, 29° off-nadir angle), 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-ghs-ghs\_pop\_gpw4\_globe\_r2015a  
Digital Elevation Model: EU-DEM (25 m)

#### Disclaimer

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Map produced by SIRS released by SERTIT (ODO).

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