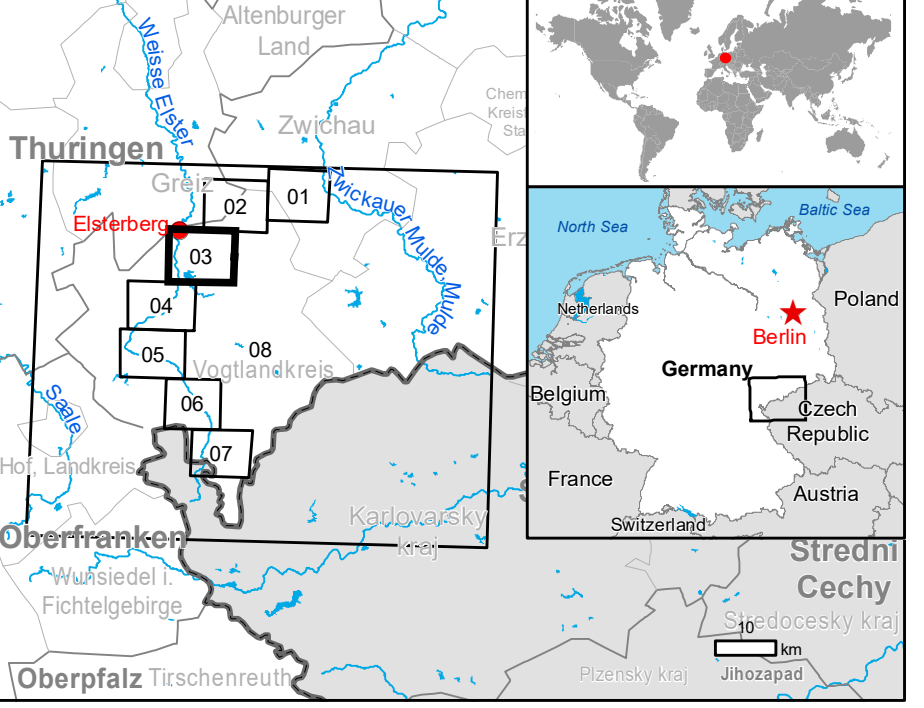


Elsterberg - GERMANY

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**
Crisis Information
Flooded Area 26/05/2018
General Information
Area of Interest
Not Analysed
Placenames
Place name
Administrative boundaries
Region
Municipality
Built-Up Area
Residential
Traffic and communication
Industrial building and warehouse
Industrial
Reservoir, silos and warehouse
School, university and research
Non-residential farm
Other non-residential
Other building not elsewhere classified
Multi-functional
- Hydrography**
River
Stream
Hydrography
Lake
Reservoir
River
Transportation
Highway
Primary Road
Secondary Road
Local Road
Cart Track
Long-distance railway

Flooded affected area	ACS		Affected	Total in ACS
	Use of measurement	ha		
Estimated population	Number of inhabitants	ha	0.0	27707.0
Settlement	Residential	ha	0.0	681.1
	Industrial building and warehouses	ha	0.0	49.0
	Other non-residential building	ha	0.0	5.6
	Not Applicable	ha	0.0	0.1
	Change buildings	ha	0.0	0.6
	Industrial building	ha	0.0	89.0
	Reservoir silos and warehouses	ha	0.0	1.4
	School university and research buildings	ha	0.0	1.3
	Non-residential farm buildings	ha	0.0	2.8
	Other buildings not elsewhere classified	ha	0.0	2.3
	Multi-functional	ha	0.0	5.9

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 Elsterberg (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 15/04/2013, GSD 0.6 m, approx. 0% cloud coverage in Aoi).
Post-event image: SPOT6/7 © Airbus DS (2018), (acquired on 26/05/2018 at 10:13 UTC, GSD 0.6 m, approx. 20% cloud coverage in Aoi, 29° off-nadir angle), provided under COPENICUS 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_2015a
Digital Elevation Model: EU-DEM (25 m)

Disclaimer

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Map produced by SIRS released by SERTIT (ODO).
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http://emergency.copernicus.eu/EMSR287
jrc-ems-rapidmapping@ec.europa.eu
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