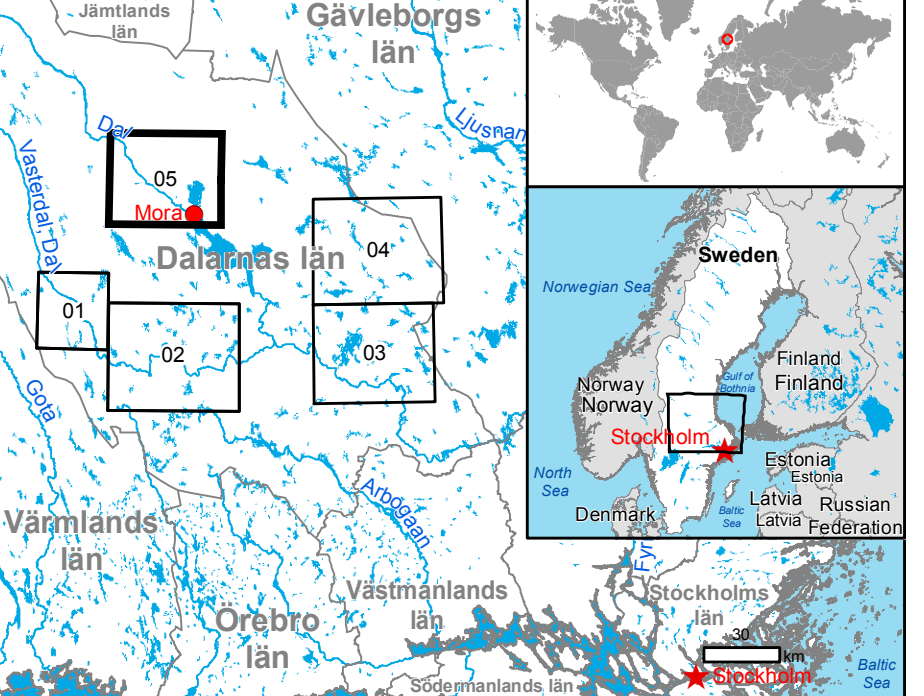


# Mora - SWEDEN

## Flood - Situation as of 22/04/2018

### Delineation Map



#### Cartographic Information

1:68000 Full color ISO A1, medium resolution (200 dpi)

0 1.25 2.5 5 km

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

- #### Legend
- ##### Crisis Information

  - Flooded Area (22/04/2018 16:48 UTC)

##### General Information

  - Area of Interest

##### Placenames

  - Placename

##### Administrative boundaries

  - Province

##### Built-Up Area

  - Built-Up Area
- ##### Hydrography

  - River
  - Stream
  - Island
  - Lake
  - Reservoir

##### Physiography

  - Elevation Contour (m)

##### Facilities

  - Construction for mining or extraction

##### Transportation

  - Primary Road
  - Secondary Road
  - Long-distance railway
  - Airfield runway

Consequences within the AOI			
		Unit of measurement	Affected / Total in AOI
Flooded area		ha	437.8
Estimated population		Number of inhabitants	0 / 27528
Settlements	Residential	ha	0.0 / 27528
	Primary Road	km	0.0 / 122.9
	Secondary Road	km	0.0 / 79.2
	Long-distance railway	km	0.4 / 125.6
Facilities	Airfield runway	km	0.0 / 2.4
	Construction for mining or extraction	ha	0.0 / 88.8

#### Map Information

Deep snow has accumulated in Sweden during the winter and is now producing floods in the region of Dalarna during its melt. The floods are estimated to reach its maximum in the coming days and flooded rivers could affect residential areas.

The present map shows the flood delineation in the area of Mora (Sweden). The thematic layer has been derived from post-event satellite image using a semi-automatic approach. The estimated geometric accuracy is 5 m CE90 or better, from native positional accuracy of the background satellite image.

Relevant date records			
Event	21/04/2018	Situation as of	22/04/2018
Activation	21/04/2018	Map production	02/07/2018

#### Data Sources

Pre-event image: Sentinel 2-A (2017), (acquired on 02/06/2017 at 10:40 UTC, GSD 10.0 m, 0% approx. cloud coverage in AOI), provided under COPENICUS by the European Union, ESA and European Space Imaging, all rights reserved.  
Post-event image: Sentinel 1-B (2018), (acquired on 22/04/2018 at 16:48 UTC, GSD 10.0 m), provided under COPENICUS by the European Union, ESA and European Space Imaging, 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/r/c-ghsl-ghs\\_pop\\_gpw4\\_globe\\_2015a](http://data.europa.eu/89h/r/c-ghsl-ghs_pop_gpw4_globe_2015a)  
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 e-GEOS released by SERTIT (ODO).

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