

YLITORNIO SOUTHERN - FINLAND
Flood - Situation as of 17/05/2018
Delineation Map

Cartographic Information

1:33000

Full color ISO A1, medium resolution (200 dpi)

0 0.5 1 2 km

Grid: WGS 1984 UTM Zone 34N map coordinate system
Tick marks: WGS 84 geographical coordinate system

Legend

Crisis Information

- Flooded Area (17/05/2018 15:49 UTC)
- Area of Interest

Placenames

- Placename

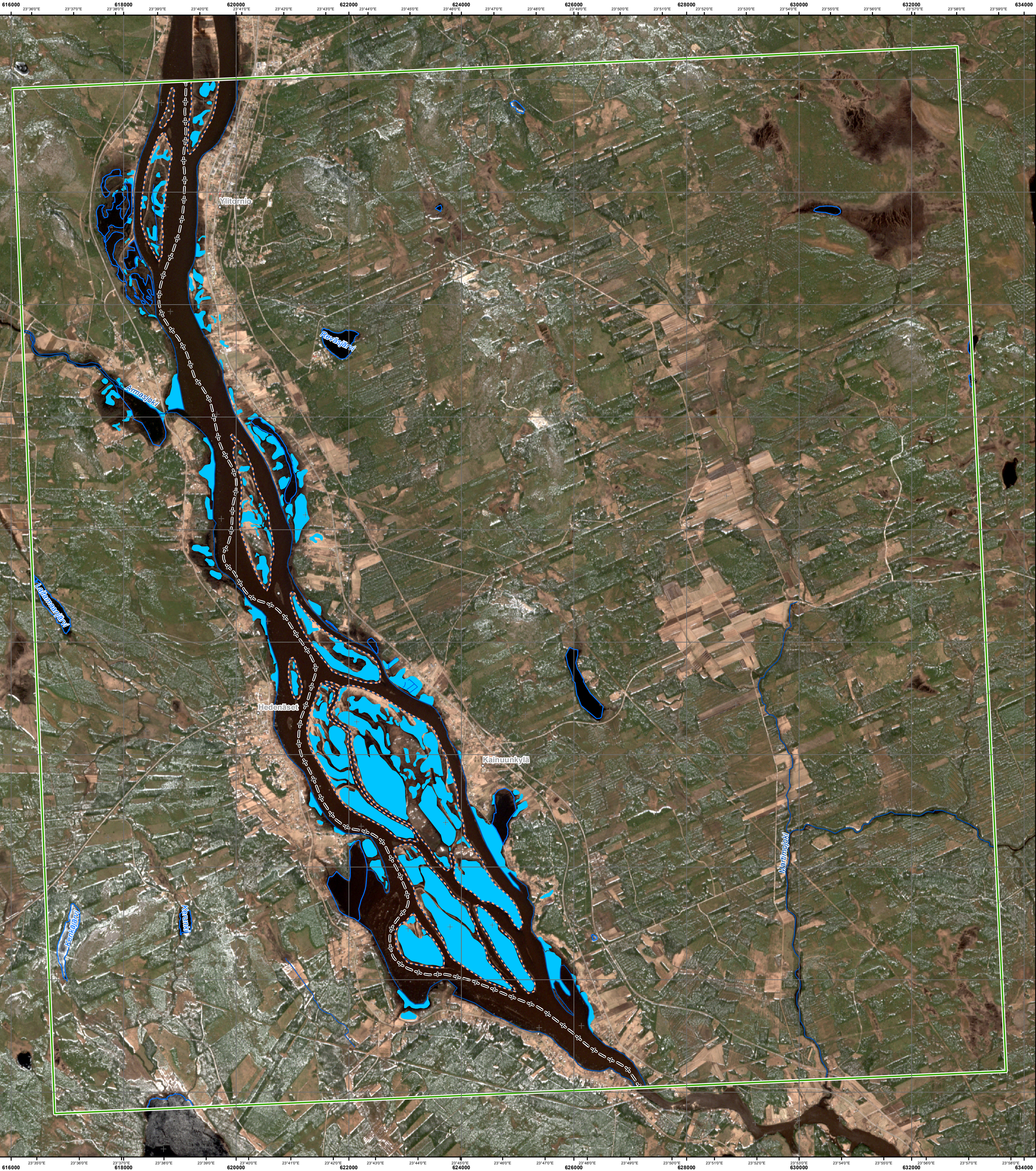
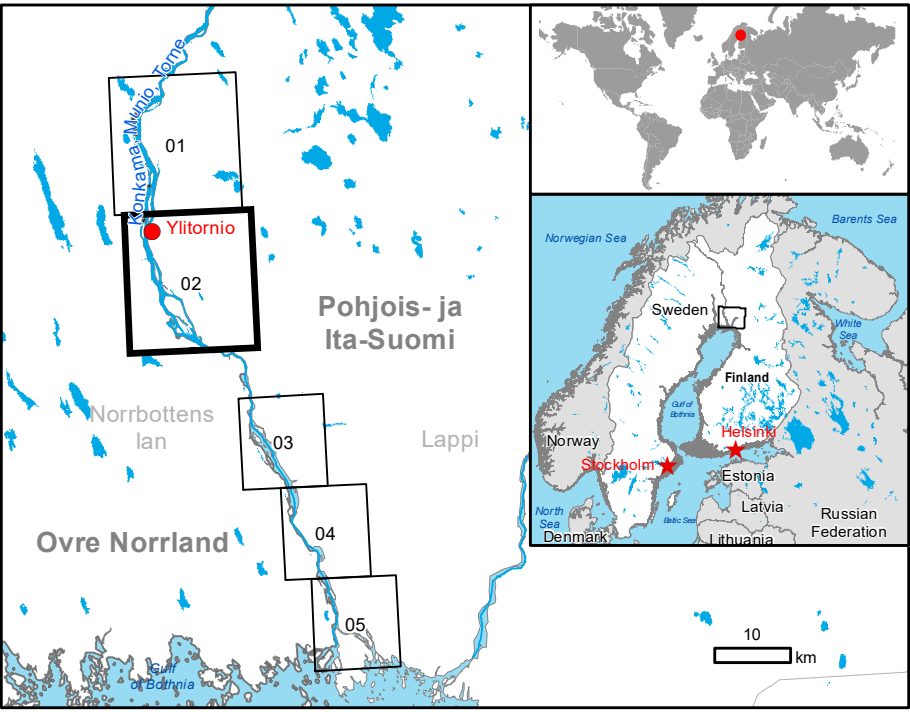
Administrative boundaries

- International Boundary

Hydrography

- River
- Stream
- Island
- Lake
- River

Consequences within the AOI			
	Unit of measurement	Affected	Total in AOI
Flooded Area	ha		864.3



Map Information

Extensive spring flooding is expected in the Finnish Lapland due to the snow melt made worse by the warm temperatures and the intermittent rains. The floods are estimated to reach the maximum in the coming days and flooded rivers could affect residential areas in Tornio.

The present map shows the flood delineation in the area of Ylitornio Southern (Finland). 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.

Data Sources

Pre-event image: Sentinel-2A/B. (2018), (acquired on 12/05/2018 at 10:20 UTC, GSD 10.0 m, approx. 0% cloud coverage in AOI), provided under Copernicus by the European Union and ESA.

Post-event image: Sentinel-1A/B (2018) (acquired on 17/05/2018 at 15:49 UTC, GSD 10 m) provided under Copernicus by the European Union and ESA.

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 © EUJRC2007, GeoNames 2013.

Population data: GHS Population Grid © European Commission, 2015 http://data.europa.eu/89h/jrc-ghs-ghs_pop_gw4_globe_2015a
Digital Elevation Model: EU-DEM (25 m)

Disclaimer

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Relevant date records			
Event	17/05/2018	Situation as of	17/05/2018
Activation	15/05/2018	Map production	18/05/2018