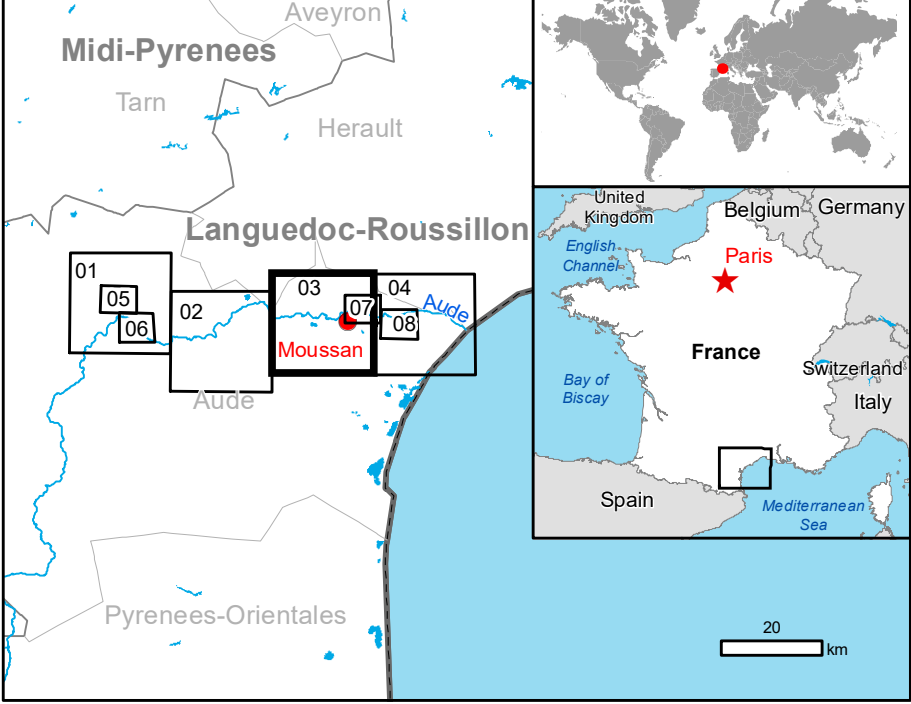


GLIDE number: N/A Activation ID: EMSR324  
Product N.: 03MOUSSAN, v1, English

## Moussan - FRANCE

### Flood - Situation as of 17/10/2018

#### Delineation Map - MONIT02



#### Cartographic Information

1:37000 Full color ISO A1, medium resolution (200 dpi)

0 0.75 1.5 3 km

Grid: WGS 1984 UTM Zone 31N map coordinate system  
Tick marks: WGS 84 geographical coordinate system

#### Legend

- Crisis Information**
  - Flooded Area (17/10/2018 05:51 UTC)
  - Previous Flooded Area (16/10/2018 18:45 UTC)
- General Information**
  - Area of Interest
  - Image Footprint
  - Not Analysed - No data
- Administrative boundaries**
  - Province
  - Municipality
- Placenames**
  - Placename
- Hydrography**
  - River
  - Stream
  - Island
  - Lake
  - River

Consequences within the AOI			
	Unit of measurement	Affected	Total in AOI
Flooded area	ha	90.0	
Estimated population	Number of inhabitants	12	70316

#### Map Information

Heavy rainfall is affecting the Hérault and Aude Departments, France. This precipitation, equivalent to a number of month's rainfall, has led to flooding over the Aude, Hérault and Orb rivers basins. Orange/red warnings have been issued by the national central forecasting centre. There are reported to be 11 people dead, 20 000 people affected and many evacuations. The town of Trebes is particularly badly hit.

The present map shows the flood delineation in the area of Moussan (France). 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	15/10/2018	Situation as of	17/10/2018
Activation	15/10/2018	Map production	17/10/2018

**Data Sources**  
Pre-event image: SPOT6/7 © Airbus DS (2018), (acquired on 01/09/2018 at 10:11 UTC, GSD 1.5 m, approx. 0% cloud coverage in AOI, 23° off-nadir angle), provided under COPERNICUS by the European Union and ESA, all rights reserved.  
Post-event image: COSMO-SkyMed © ASI (2018), distributed by e-GEOS S.p.A. (acquired on 16/10/2018 at 18:45 UTC, GSD 5 m) and Sentinel-1A/B (2018) (acquired on 17/10/2018 at 05:51 UTC, GSD 10 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, EuroBoundaryMap 2017, © 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\\_gpw4\\_globe\\_r2015a](http://data.europa.eu/89h/jrc-ghs-ghs_pop_gpw4_globe_r2015a)

Digital Elevation Model: SRTM (90 m) (NASA/USGS)

#### 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 GAF AG released by SERTIT (ODD).

For the latest version of this map and related products visit  
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