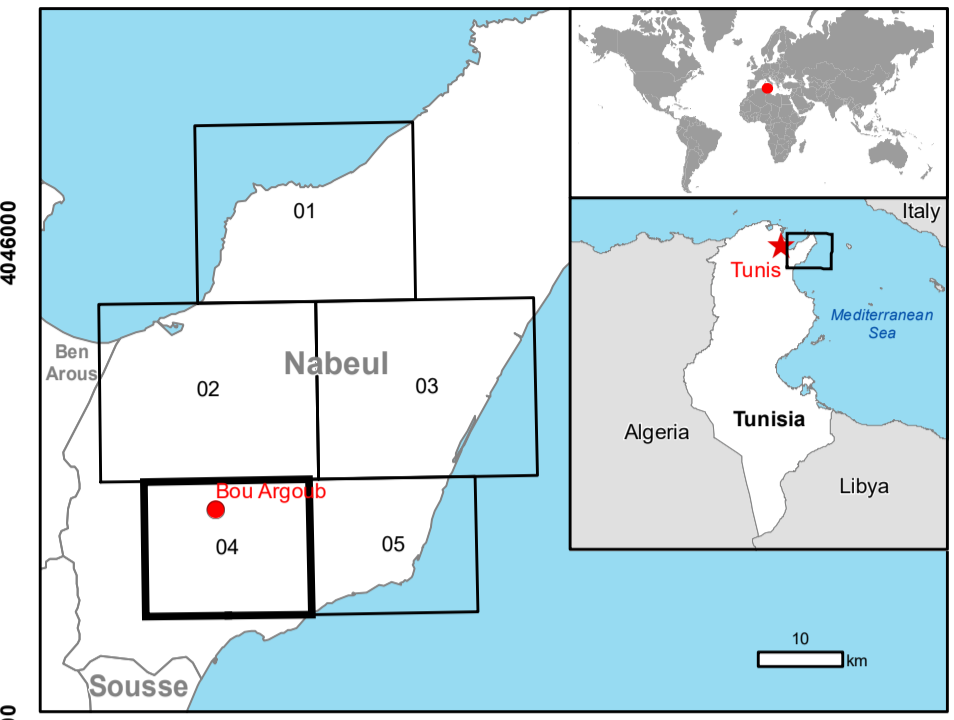


# Bou Argoub - TUNISIA

## Flood - Situation as of 01/10/2018

### Delineation Map



#### Cartographic Information

1:30000 Full color ISO A1, medium resolution (200 dpi)

0 0.5 1 2 km

Grid: WGS 1984 UTM Zone 32N map coordinate system  
 Tick marks: WGS 84 geographical coordinate system

| Legend   |                                     | Built-Up Area  |             | Transportation   |                       |
|--|-------------------------------------|--|-------------|--|-----------------------|
| <span style="color: blue;">■</span>                                  | Flooded Area (01/10/2018 09:41 UTC) | <span style="border: 1px solid red; padding: 2px;"> </span>        | Residential | <span style="border-bottom: 2px solid red; width: 20px;"> </span>    | Highway               |
| <span style="border: 1px solid green; padding: 2px;"> </span>        | Area of Interest                    | <span style="border: 1px solid purple; padding: 2px;"> </span>     | Industrial  | <span style="border-bottom: 2px solid orange; width: 20px;"> </span> | Primary Road          |
| <span style="border-bottom: 1px dashed black; width: 20px;"> </span> | Province                            | <span style="border-bottom: 1px solid blue; width: 20px;"> </span> | Coastline   | <span style="border-bottom: 1px solid yellow; width: 20px;"> </span> | Secondary Road        |
| <span style="border-bottom: 1px dashed black; width: 20px;"> </span> | Province                            | <span style="border-bottom: 1px solid blue; width: 20px;"> </span> | River       | <span style="border-bottom: 1px solid grey; width: 20px;"> </span>   | Local Road            |
| <span style="border-bottom: 1px dashed black; width: 20px;"> </span> | Province                            | <span style="border-bottom: 1px solid blue; width: 20px;"> </span> | Stream      | <span style="border-bottom: 1px solid grey; width: 20px;"> </span>   | Cart Track            |
| <span style="border-bottom: 1px dashed black; width: 20px;"> </span> | Province                            | <span style="border-bottom: 1px solid blue; width: 20px;"> </span> | Lake        | <span style="border-bottom: 1px solid grey; width: 20px;"> </span>   | Long-distance railway |
| <span style="border-bottom: 1px dashed black; width: 20px;"> </span> | Province                            | <span style="border-bottom: 1px solid blue; width: 20px;"> </span> | Reservoir   |  |                       |

| Consequences within the AOI |                       |          |              |
|-----------------------------|-----------------------|----------|--------------|
|                             | Unit of measurement   | Affected | Total in AOI |
| Flooded area                | ha                    | 43.0     |              |
| Estimated population        | Number of inhabitants | 0        | 47006        |
| Settlements                 | Residential           | ha       | 0.0          |
|                             | Industrial            | ha       | 0.0          |
|                             | Highway               | km       | 0            |
| Transportation              | Primary Road          | km       | 0            |
|                             | Secondary Road        | km       | 0            |
|                             | Local Road            | km       | 0.0          |
|                             | Cart Track            | km       | 0.0          |
|                             | Long-distance railway | km       | 0.0          |

**Map Information**

Flash floods occurred in Nabeul region causing extensive damage to buildings and infrastructure, areas affected in Cap Bon being Takelsa, Beni khalid, Bouargoub, Menzel Bouzeffla, Korba, Soliman Nabeul, and Darchaabane. Water is still standing in some areas, and large amounts of sediments and debris continue to cause problems in urban areas mainly, but not only. Satellite imagery is required to evaluate and develop an integrated plan of intervention and to identify areas still submerged, particularly agricultural areas having an impact on crops or other cultures.

The present map shows the flood event delineation in the area of Bou Argoub. The thematic layer has been derived from post-event satellite image using a by means of visual interpretation. The estimated geometric accuracy is 5 m CEP0 or better, from native positional accuracy of the background satellite image.

| Relevant date records |            |                 |            |
|-----------------------|------------|-----------------|------------|
| Event                 | 22/09/2018 | Situation as of | 01/10/2018 |
| Activation            | 29/09/2018 | Map production  | 02/10/2018 |

**Data Sources**

Pre-event image: Sentinel 2A/B (2018) (acquired on 14/08/2018 at 10:00 UTC, GSD 10 m, approx. 0% cloud coverage in Aoi) provided under COPERNICUS by the European Union and ESA.

Post-event image: SPOT6/7 © Airbus DS (2018), (acquired on 01/10/2018 at 09:41 UTC, GSD 1.5 m, approx. 0% cloud coverage in Aoi, 15° off-nadir angle), provided under COPERNICUS by the European Union and ESA, all rights reserved.

Base vector layers: OpenStreetMap © OpenStreetMap contributors, Wikimapia.org, GeoNames 2016, refined by the producer.

Inset maps: JRC 2013, Natural Earth 2012, GeoNames 2013.

Population data: GHS Population Grid © European Commission, 2015  
[http://data.europa.eu/89h/jrc-ghs-gis-pop\\_gpw4\\_globe\\_j2015a](http://data.europa.eu/89h/jrc-ghs-gis-pop_gpw4_globe_j2015a)  
 Digital Elevation Model: SRTM (90m) (NASA/USGS)

**Disclaimer**

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Map produced by e-GEOS released by e-GEOS (ODD).

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