This map illustrates satellite-detected flood water extent in Somali Region, Ethiopia. The analysis was conducted by analysing a Sentinel-1 image acquired on the 1 May 2018. As observed from the satellite radar image, a total of 9,200 ha of land were inundated in the area of interest. By using WorldPop data, we estimate that at least 12,000 people are potentially affected or living close to the flooded area. This corresponds to about 7% of the population living in the area of interest. It is likely that flood waters have been systematically underestimated along highly vegetated areas along main river banks and within built-up urban areas because of the special characteristics of the satellite data used. This is a preliminary analysis and has not yet been validated in the field. Please send ground feedback to UNITAR UNOSAT.

Legend
- Settlement
- Town
- Primary road
- Secondary road
- Waterway/River
- Zone boundary
- Woreda boundary
- Satellite detected waters (01 May 2018)

Map Scale for A3: 1:130,000

Analysis conducted with ArcGIS v10.4.1
Coordinate System: WGS 1984 UTM Zone 38N
Projection: Transverse Mercator
Datum: WGS 1984
Units: Meter

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