**Imagery analysis: 07 May 2018 | Published 11 May 2018 | Version 1.0**

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 7 May 2018. As observed from the satellite radar image, a total of 11,329 ha of land were inundated in the area of interest. By using WorldPop data, we estimate that at least 8,800 people are potentially affected or living close to the potentially flooded area. This corresponds to about 6% 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
- Waterway/River
- Primary road
- Secondary road
- Local/Urban road
- International boundary
- Zone boundary
- Satellite detected water (07 May 2018)

**Map Scale for A3: 1:250,000**

**Analysis conducted with ArcGIS v10.4.1**

**Coordinate System:** WGS 1984 UTM Zone 38N

**Resolution:** 10 m

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**Source:** ESA

**Waterways:** FAO

**Administrative boundaries:** HDX

**Settlements:** HDX

**Road Data:** OpenStreetMap

**Population data:** WorldPop

**Analysis:** UNITAR - UNOSAT

**Production:** UNITAR - UNOSAT

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