



Sentinel 1 & 2 Image Flooding Analysis 30th Oct 2019	
Flooded Area Description	Flooded Area (ha)
Irrigated Agriculture	3,265
Rainfed Agriculture	7,332
Natural Vegetation	4,907
Total Flooded Area	15,504

A total of 111 villages may be affected by flooding

Disclaimer:
The flood extent was extracted from Sentinel-2 (FAO SWALIM) and from Sentinel-1 (UNOSAT).

The current flood extent in Belet Weyne town has not been detected because the Sentinel-1 imagery may significantly underestimate the presence of standing floodwater in dense built-up areas due to backscattering of the radar signal while Sentinel-2 imagery is affected by cloud cover.

Legend

- Other Villages
- Major Town
- Shabelle River
- - - Analysis Extent

Detected flooding (as of 30 Oct 2019)

- Flooded Irrigated Agriculture
- Flooded Natural Vegetation
- Flooded Rainfed Agriculture