

# Somalia Flood Watch

Issued: 24 May 2016



## FLOOD WARNING LEVEL

## KEY TO WARNING LEVELS

	Last Week	Coming Week
Shabelle		
Juba		

- Severe Flooding Possible**
- Moderate Flooding (up to 5 year return period)**
- Minimal/No Flood Risk**

During the week that ended on 23 May 2016, there was a significant reduction of rainfall activities in most areas of Juba and Shabelle basins inside Somalia as well as the Ethiopian highlands with most stations recording little or no rainfall. The table below shows the total amounts received in some stations during the last week within the two basins.

Station Name	Luuq	Bardheere	Bur Hakaba	Dollow	Belet Weyne	Mataban
Rainfall (mm)	0.0	0.0	0.0	0.0	0.0	0.0

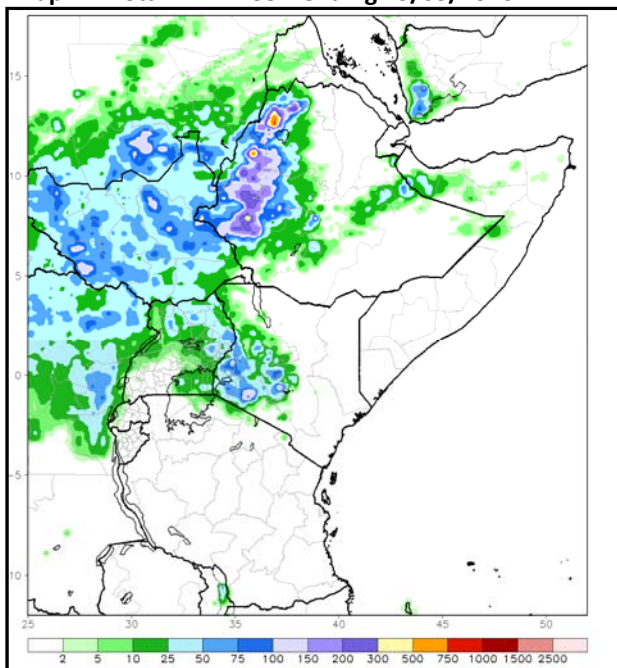
Station Name	Bulo Burti	Jowhar	Balcad	Mogadishu	Wanle Weyne	Bualle
Rainfall (mm)	0.0	16.0	0.0	14.0	0.0	

Satellite rainfall estimates (Map-1) also indicates minimal rainfall amounts during the same period within the Juba and Shabelle basins. The rainfall forecast for the coming week (Map – 2) indicates a further reduction of rains in two river basins both in Somalia and within the Ethiopian highlands.

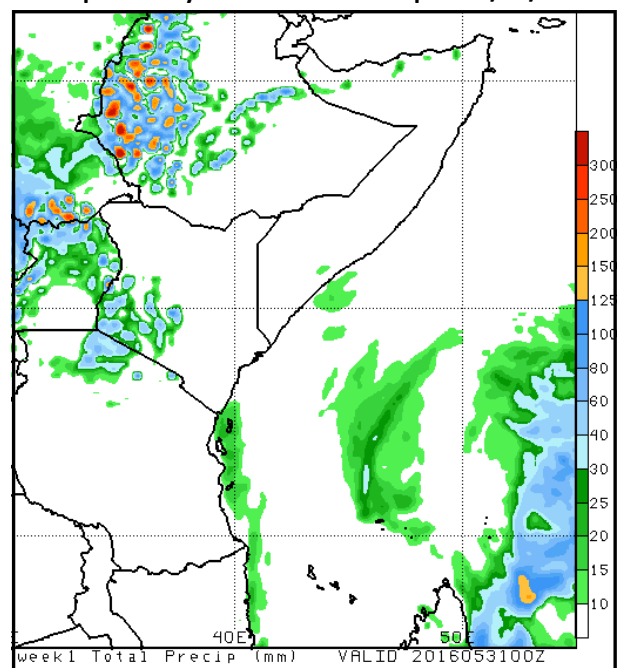
For the last one week River levels at Belet Weyne remained at bank full resulting to flooding in the town and surrounding areas which has caused displacements and damage of properties. This flood wave is expected to be transmitted downstream with a **moderate** risk of flooding along the River.

River levels along the Juba have been reducing for the last few days. Given the rainfall forecast and the reducing trend there is **minimal** risk of flooding along the River.

Map –1: Total RFE: Week ending 23/05/2016



Map-2: 7-Day Rainfall Forecast: up to 31/05/2016



This bulletin is produced by the FAO Somalia Water and Land Information Management (SWALIM). For more information send an e-mail to [SO-Hydro@fao.org](mailto:SO-Hydro@fao.org) or visit <http://www.faoswalim.org>

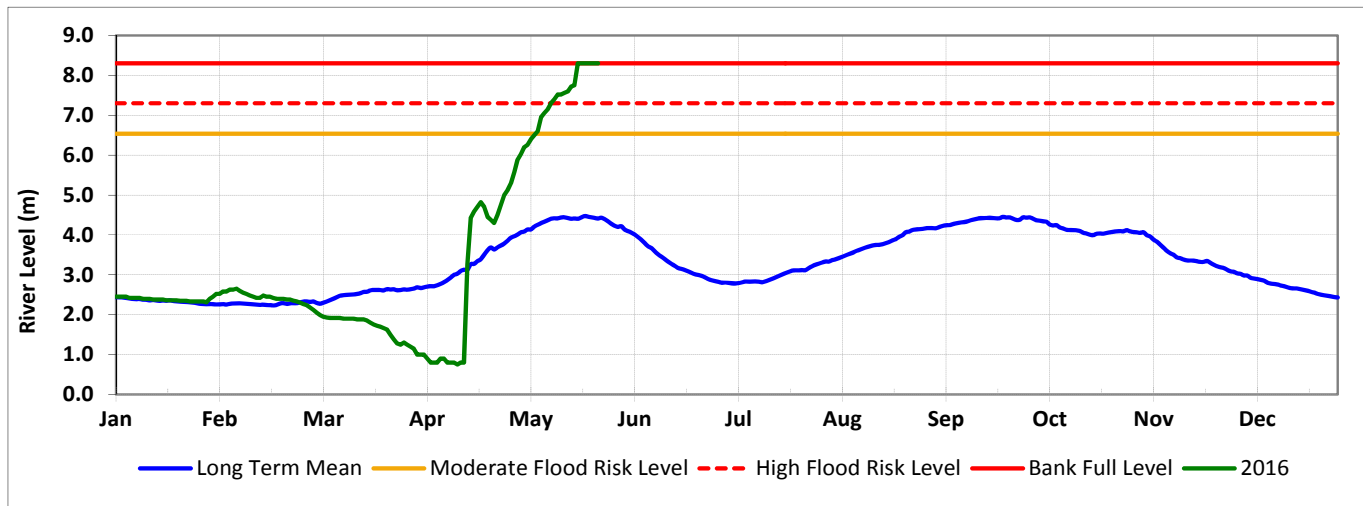
### Technical Partners



### SWALIM Funding Agencies



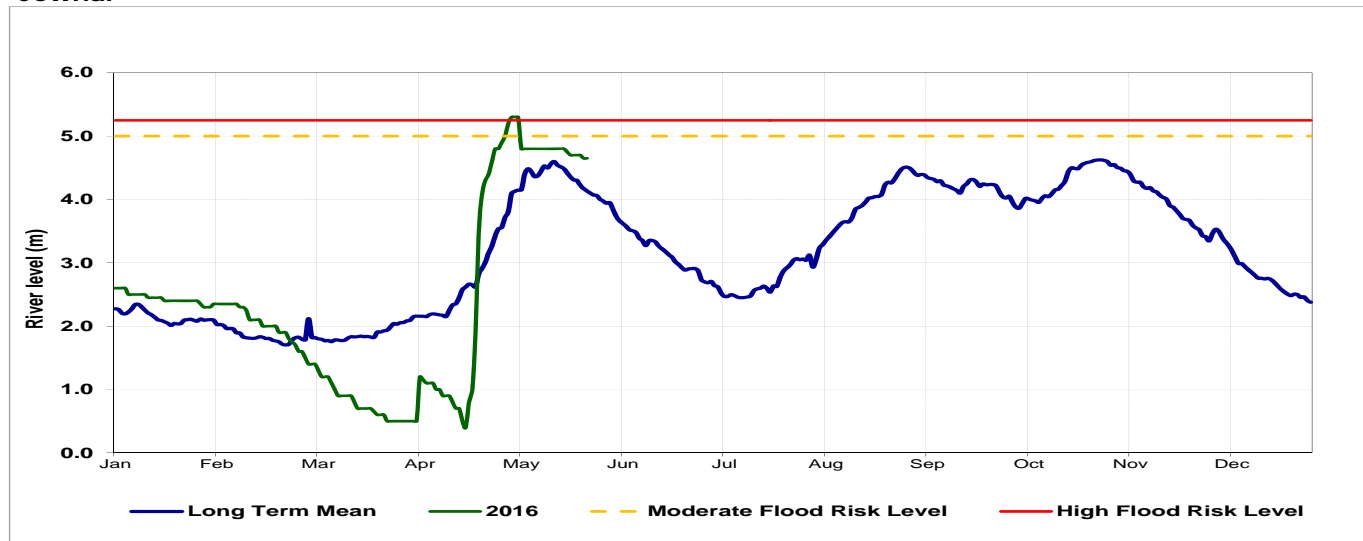
**Belet Weyne**



Date	Observed River Level (m)	Moderate Flood Risk Level (m)	High Flood Risk Level (m)
24/05/2016	8.30	6.50	7.30

Observed river levels at Belet Weyne remained at bank full level throughout the week . Today’s river level is 8.30m which is at Bank full.

**Jowhar**

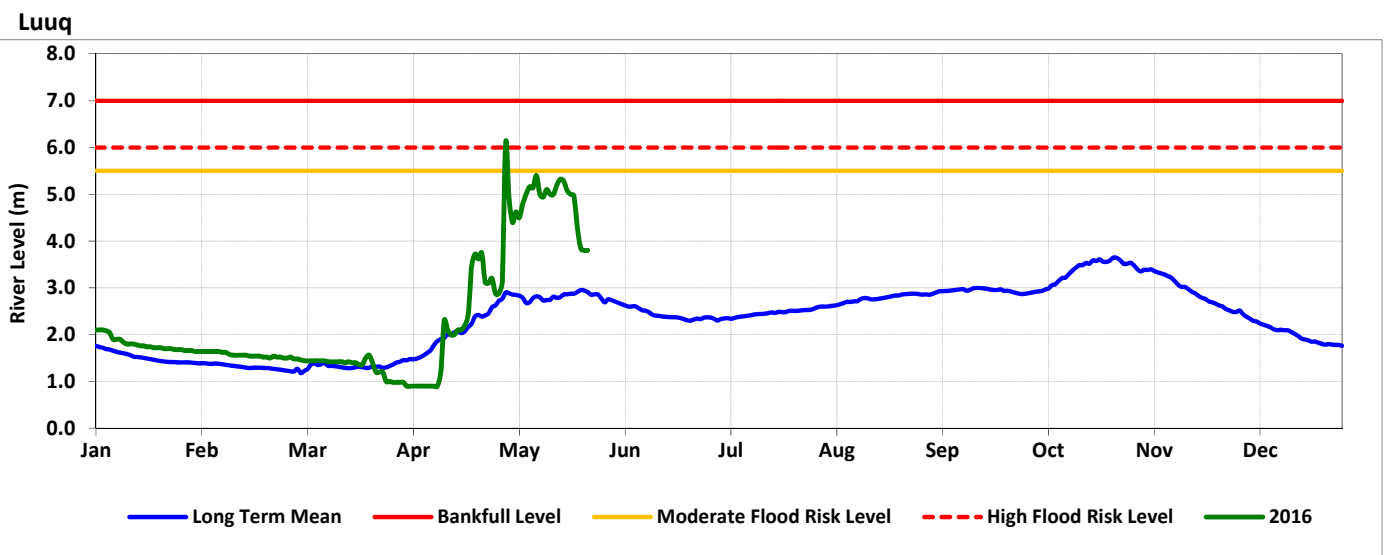


Date	Observed River Level (m)	Moderate Flood Risk Level (m)	High Flood Risk Level (m)
24/05/2016	4.65	5.00	5.25

Observed river levels at Jowhar remained high through out the week. Today’s river level is 4.65m which is a few centimetres from the high risk flood level.

**Forecast for coming week for Shabelle**

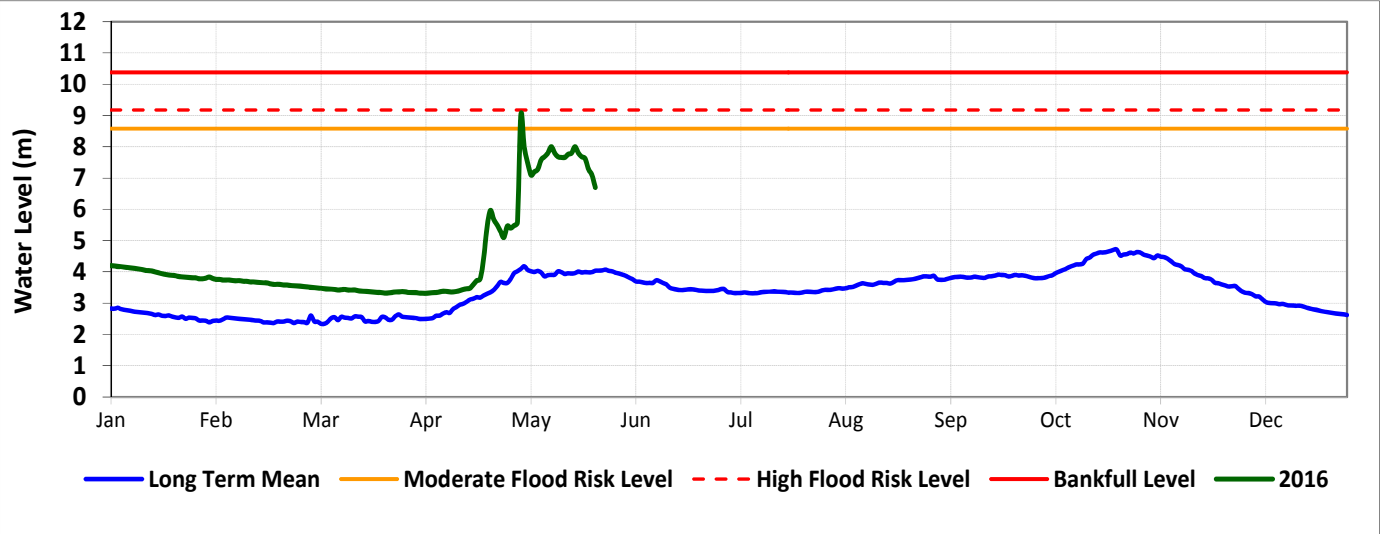
River levels along the entire channel are high and have reached the bank full level at Belet weyne. There is therefore a risk of flooding along the river in the coming week when the flood wave is transmitted from Belet Weyne to downstream reaches.



Date	Observed River Level (m)	Moderate Flood Risk Level (m)	High Flood Risk Level (m)
24/05/2016	3.80	5.50	6.00

Observed river level at Luuq reduced significantly over the last week. Today's river level is 3.80m which is 2.20m below the moderate risk flood level.

**Bardheere**



Date	Observed River Level (m)	Moderate Flood Risk Level (m)	High Flood Risk Level (m)
24/05/2016	6.70	8.58	9.18

Observed river levels at Bardheere decreased last week. Today's river level is 6.70m which is 2.48m below the high risk flood level.

**Forecast for coming week for Juba**

Given the rainfall forecast for coming week and the reducing trend of river levels there is a minimal risk of flooding along the Juba River.