

Somalia Flood Watch

Issued: 4th November, 2015



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 2nd November 2015, wet conditions persisted in most areas of Somalia as well as the Ethiopian highlands. Most stations within the Juba and Shabelle river basins recorded moderate to heavy rains within the week. Map - 1 shows the total satellite Rainfall Estimates (RFE) for the same reporting period while Map -2 shows the rainfall forecast for coming week.

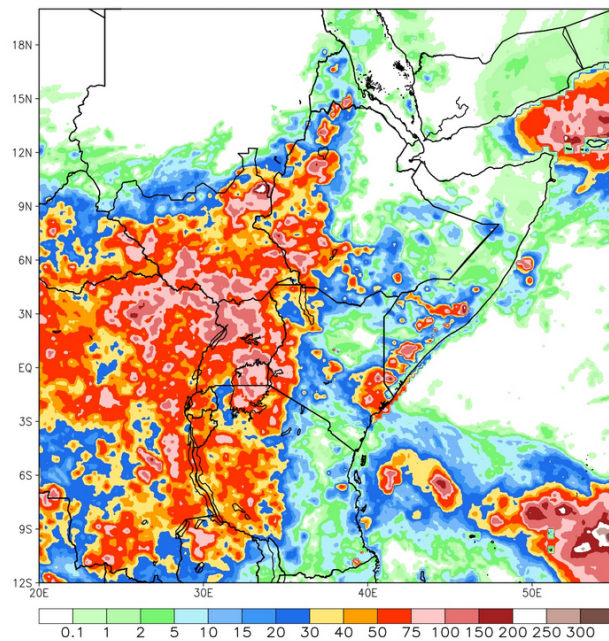
Station Name	Luuq	Bardheere	Bur Hakaba	Wanle Weyne	Belet Weyne	Mataban
Rainfall (mm)	82.0	40.0	9.0	38.0	3.0	135.0
Station Name	Bulo burti	Jowhar	Balcad	Mogadishu	Baidoa	Baardale
Rainfall (mm)	52.0	42.0	38.0	15.0	41.0	86.0

Satellite rainfall estimates (Map-1) also indicates significant rains were received within the Juba and Shabelle basins during the last one week. The rainfall forecast for the coming week (Map - 2) indicates heavy rains within the two basins both inside Somalia and Ethiopian highlands. Heavy rains are also expected in Bay, Bakool and most regions of northern and central Somalia with a possibility of flash floods in these areas.

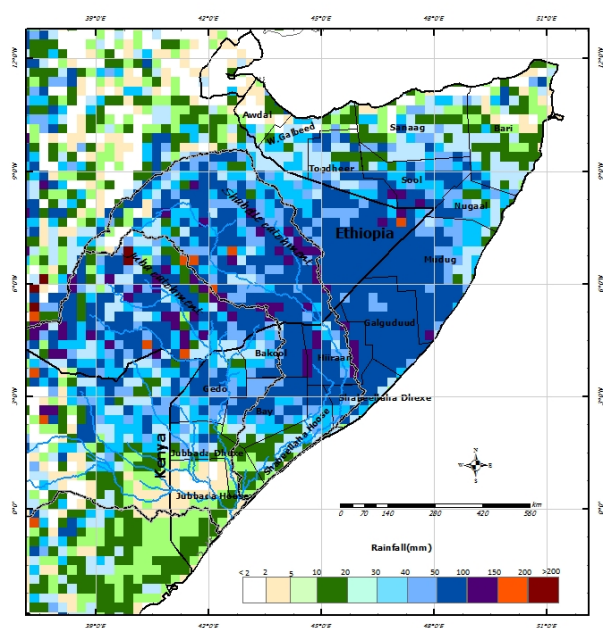
River levels in some sections of middle and lower reaches of Shabelle River are currently at full crest.

Given the rainfall forecast and the current river levels, there remains a **high** risk level of flooding along the middle and lower reaches of Shabelle. A **moderate** risk of flooding is foreseen in the lower reaches of Juba River especially in locations where there exists open river breakages given the rainfall forecast.

Map -1: Total RFE: Week ending 02/11/2015



Map-2: 7-Day Rainfall Forecast: up to 10/11/2015



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 or visit <http://www.faoswalim.org>

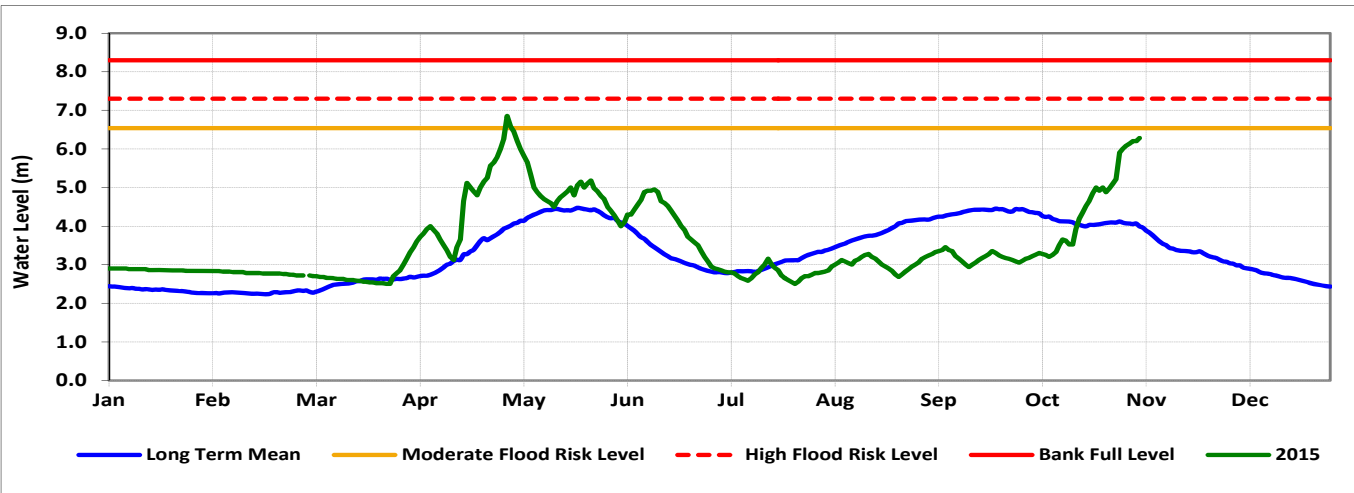
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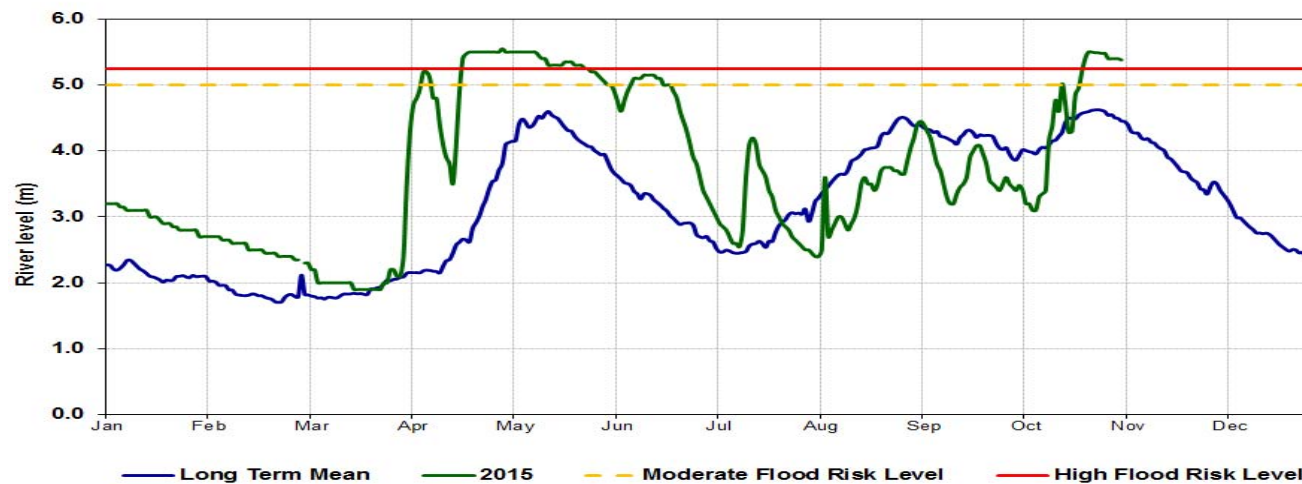
Belet Weyne



Date	Observed River Level (m)	Moderate Flood Risk Level (m)	High Flood Risk Level (m)
04/11/2015	6.28	6.50	7.30

Observed river levels at Belet Weyne continued to increase last week . Today’s river level is 6.28m which is 1.02m below the high risk flood level.

Jowhar



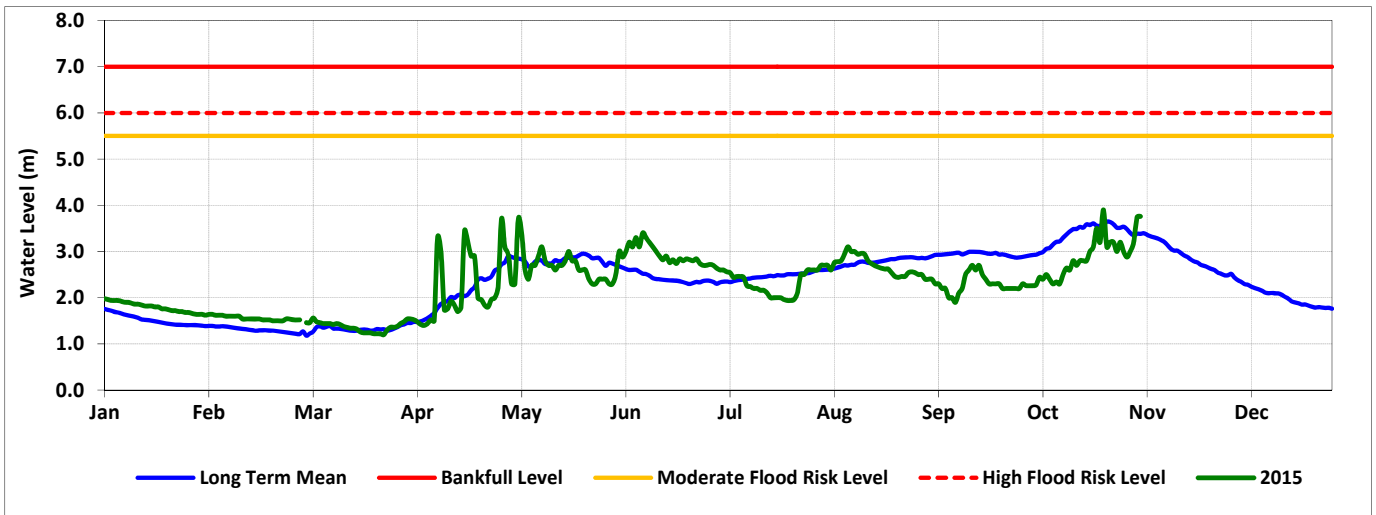
Date	Observed River Level (m)	Moderate Flood Risk Level (m)	High Flood Risk Level (m)
04/11/2015	5.38	5.00	5.25

Observed river levels at Jowhar remained at full crest over the last week. Today’s river level is 5.38m, which has already surpassed the high risk of flooding level.

Forecast for coming week for Shabelle

There remains a high risk of flooding in the middle and lower reaches of Shabelle River during the coming week.

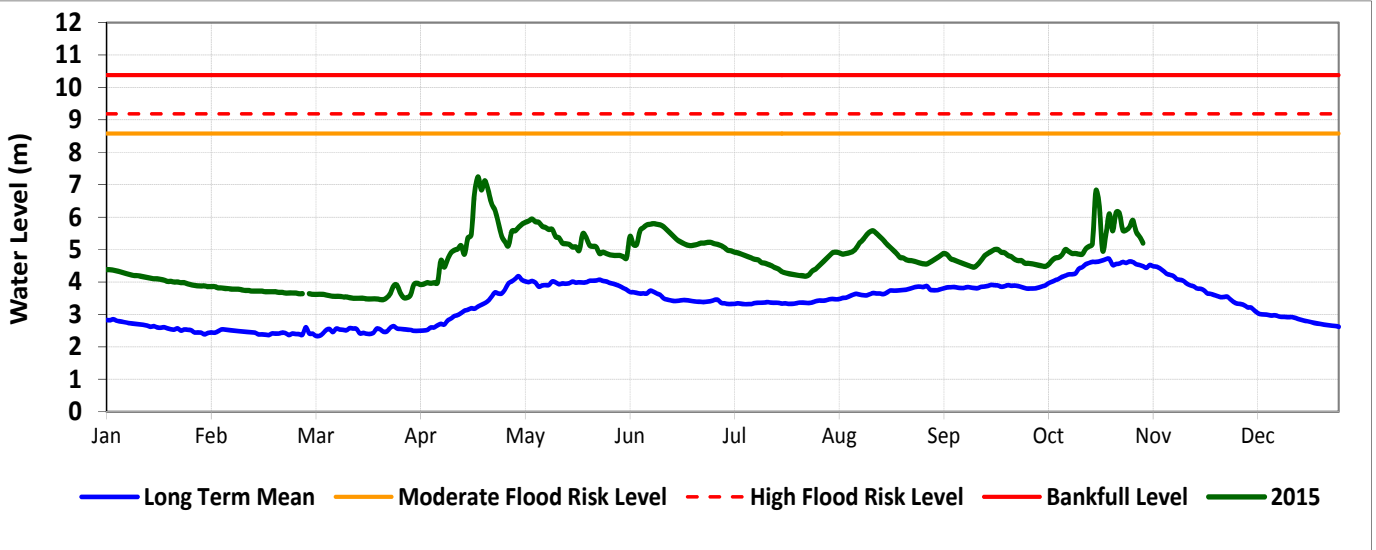
Luuq



Date	Observed River Level (m)	Moderate Flood Risk Level (m)	High Flood Risk Level (m)
04/11/2015	3.20	5.50	6.00

Observed river level at Luuq increased over the last week. Today's river level is 3.76m which is 2.24m below the high risk flood level.

Bardheere



Date	Observed River Level (m)	Moderate Flood Risk Level (m)	High Flood Risk Level (m)
04/11/2015	5.20	8.58	9.18

Observed river levels at Bardheere decreased slightly over the last week. Today's river level is 5.20m which is 3.98m below the high risk flood level.

Forecast for coming week for Juba

There is a moderate risk of flooding foreseen in the coming week in the lower reaches of Juba river especially in locations where there are existing open river breakages.