



# Somalia Flood Watch

Issued: 20<sup>th</sup> May, 2014



## FLOOD WARNING LEVEL

	Last Week	This week	Next Week
Shabelle			
Juba			

## KEY TO WARNING LEVELS

Severe Flooding Possible

Moderate Flooding (up to 5 year return period)

Minimal/No Flood Risk

There was a slight decrease of rainfall activities in most parts of the Juba and Shabelle river basins inside Somalia. A few places recorded moderate rains while others did not receive any rains during the last one week. The table below shows the total rainfall amounts recorded in selected stations within the two basins in Somalia:

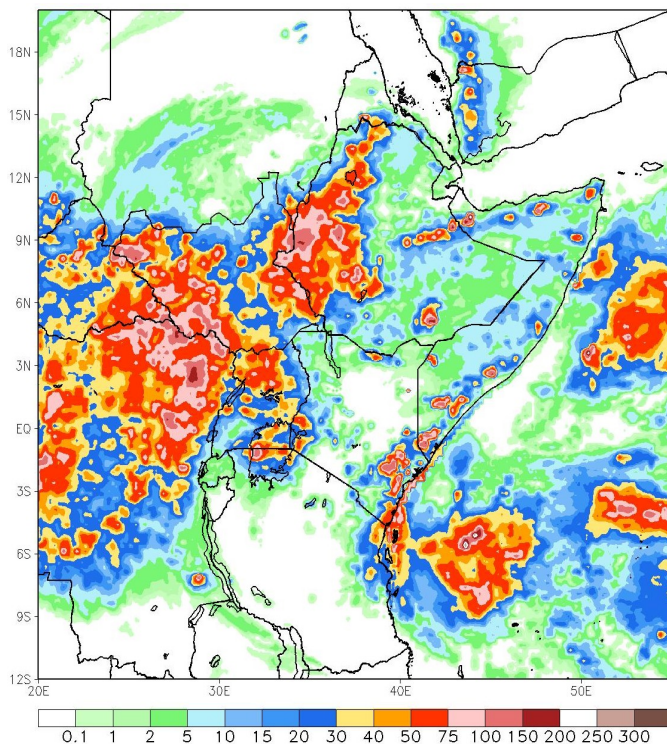
Station Name	Luuq	Bardheere	Mataban	Belet Weyne	Bulo Burti	Jowhar	Wanle Weyne
Rainfall (mm)	0.0	0.0	-	0.0	26.0	37.0	30.0

The 7-day cumulative satellite rainfall estimate (RFE) image (Map – 1) indicates light to moderate rains were received within the Juba and Shabelle basins both in Somalia and light within the Ethiopian highlands.

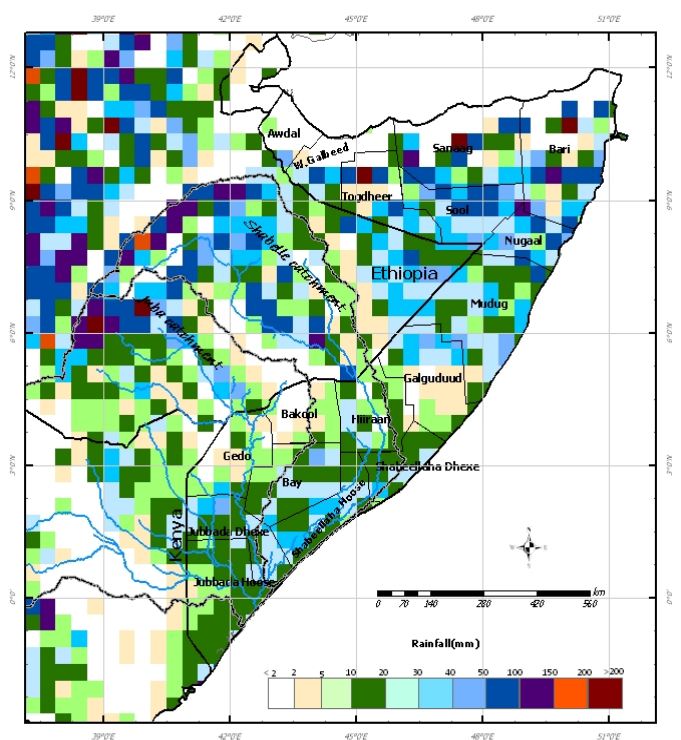
The rainfall forecast for the coming week (Map – 2) is pointing towards moderate rains within the Shabelle and Juba basins both in Ethiopia and Somalia.

The river levels are within normal along the two rivers and there is no foreseen risk of flooding in the coming week.

Map –1: Total RFE: Week ending 19/05/2014



Map-2: 7-Day Rainfall Forecast: up to 26/05/2014



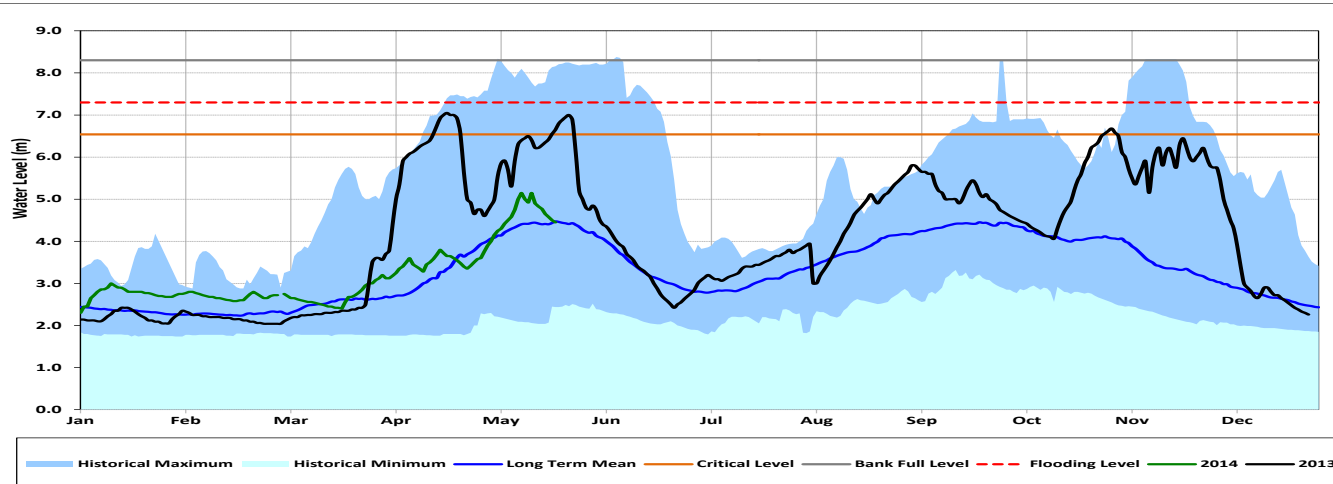
This bulletin is produced by the FAO Somalia Water and Land Information Management (SWALIM) Project, in collaboration with USGS and, FEWS NET Somalia.



For more information send an e-mail to [SO-Hydro@fao.org](mailto:SO-Hydro@fao.org) or visit <http://www.faoswalim.org>



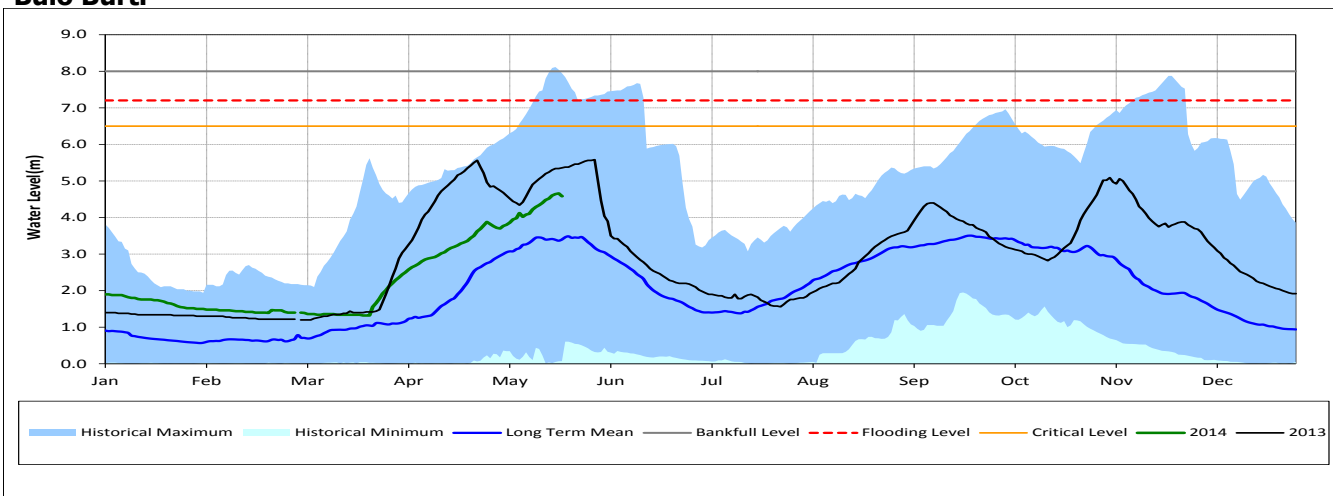
**Belet Weyne**



Date	Current river level	Relative position of current river level from:			
		Previous day	Low Flood Risk	Moderate Flood Risk	High Flood Risk
20-May-13	4.45	-0.05	1.45	2.05	2.85
19-May-13	4.50	-0.08	1.40	2.00	2.80
18-May-13	4.58	-0.19	1.32	1.92	2.72

Observed river levels at Belet Weyne decreased sharply in the last few days. Today’s river level at Belet Weyne is 4.45m which is 2.85m below the high risk flood level.

**Bulo Burti**



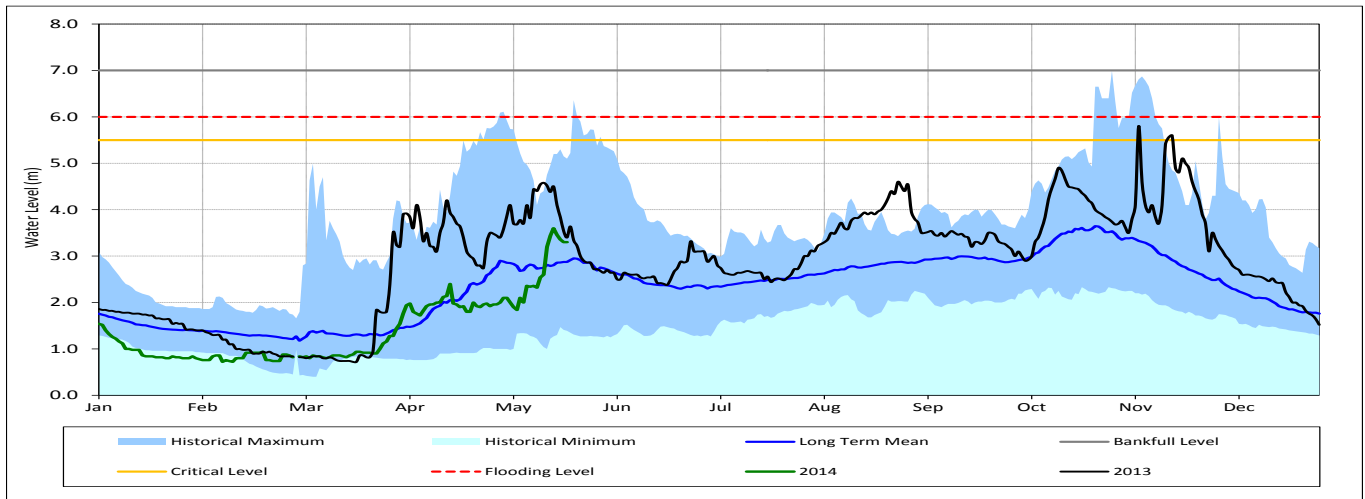
Date	Current river level	Relative position of current river level from:			
		Previous day	Low Flood Risk	Moderate Flood Risk	High Flood Risk
20-May-13	4.58	-0.08	1.42	1.92	2.62
19-May-13	4.66	0.02	1.34	1.84	2.54
18-May-13	4.64	0.04	1.36	1.86	2.56

Observed river levels at Bulo Burti increased at the beginning of last week and decreased towards the end the week. Today’s river level is 4.58m which is 2.62m below the high risk flood level.

**Forecast for coming week for Shabelle**

Given the rainfall forecast for coming week and the current observed river levels, there is no foreseen risk of flooding during the forecast period.

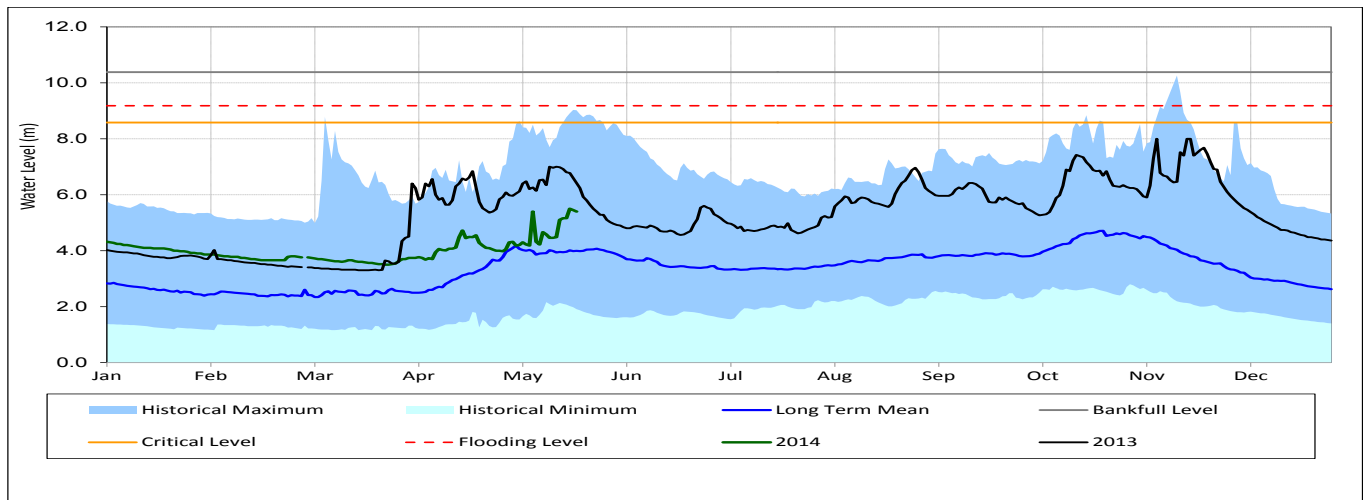
**Luuq**



Date	Current river levels	Relative position of current river levels from:			
	Levels	Previous day	Low Flood Risk	Moderate Flood Risk	High Flood Risk
20-May-13	3.30	0.00	1.90	2.20	2.70
19-May-13	3.30	0.10	1.90	2.20	2.70
18-May-13	3.40	0.10	1.80	2.10	2.60

Observed river levels at Luuq decreased gradually over the last week. Today's river level is 3.30m which is 2.70m below the high risk flood level.

**Bardheere**



Date	Current river levels	Relative position of current river levels from:			
	Levels	Previous day	Low Flood Risk	Moderate Flood Risk	High Flood Risk
20-May-13	5.40	-0.05	2.78	3.18	3.78
19-May-13	5.45	-0.05	2.73	3.13	3.73
18-May-13	5.50	0.34	2.68	3.08	3.68

Observed river levels at Bardheere fluctuated over the last week. Today's river level is 5.40m which is 3.78m below the high risk flood level.

**Forecast for coming week for Juba**

There is no foreseen risk of flooding during the forecast period.