

# Flood Watch Somalia

Issued 09 November, 2009



### 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

During the week ending on 8th November, 2009 moderate to heavy rains were reported in the Juba and Shabelle catchment within Somalia; see table below for information on selected stations.

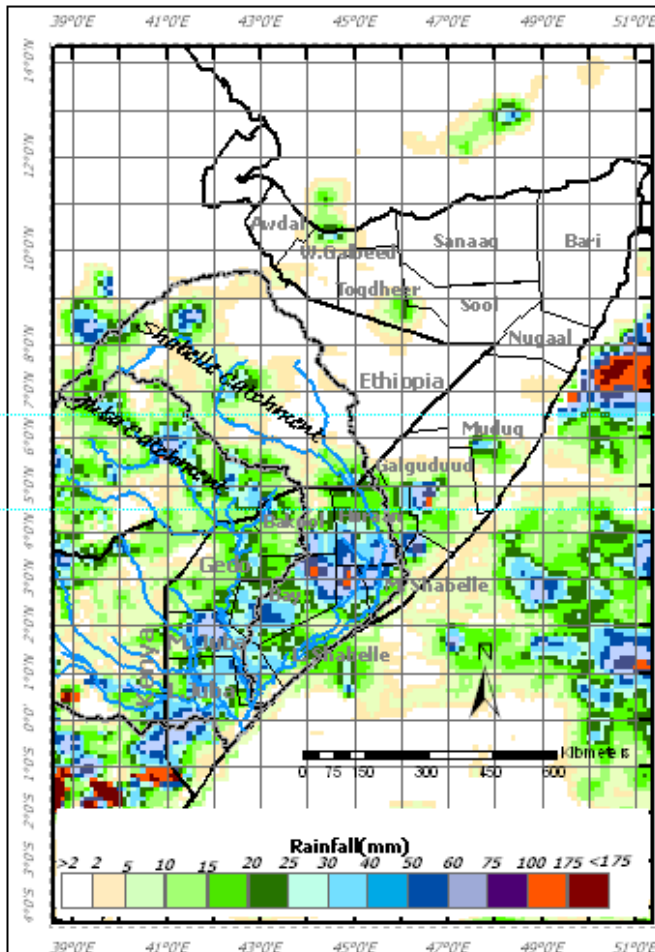
Station Name	Belet Weyne	Marere	Bulo burti	Dobley	Bardera	Afmadow	Jowhar
Rainfall (mm)	4.5	87.0	9.0	0.0	16.0	7.0	3.0

Within the same week, the upper catchments of the Juba and Shabelle rivers in Ethiopia received moderate rains as indicated in the 7-day cumulative satellite rainfall estimate (RFE) image below.

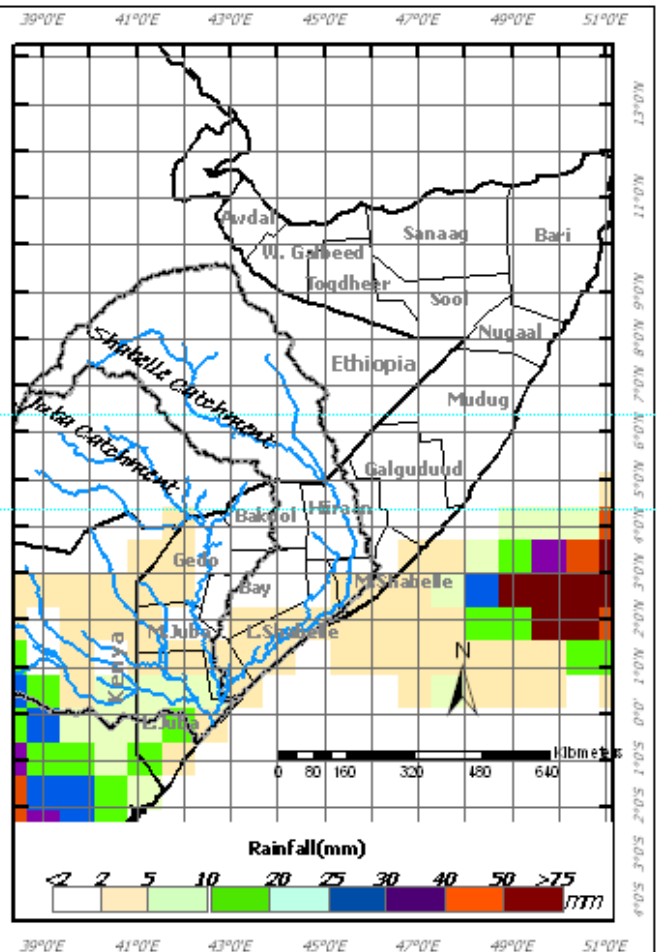
The rainfall forecast for the next seven days (9th to 15th November, 2009) is pointing towards light to no rains within the Juba and Shabelle catchments both in Ethiopia and Somalia.

Given the rainfall forecast and the prevailing situation of decreasing river levels, there is minimal risk of flooding on the Juba and Shabelle during the forecast period.

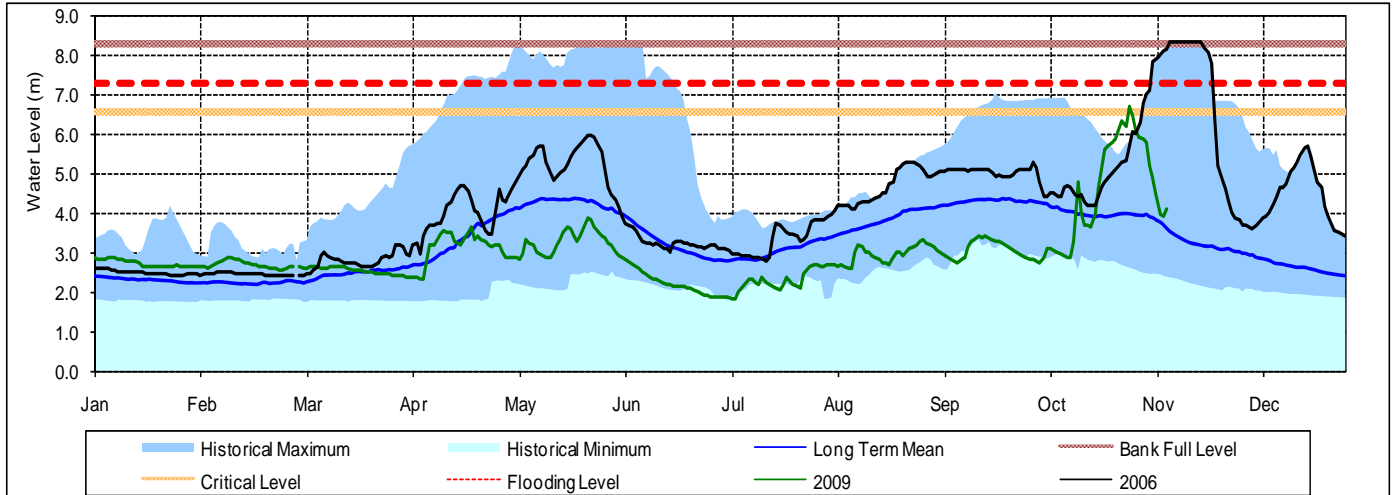
**Total RFE: week ending 08/11/09**



**7-Day Rainfall Forecast: week ending 15/11/09**



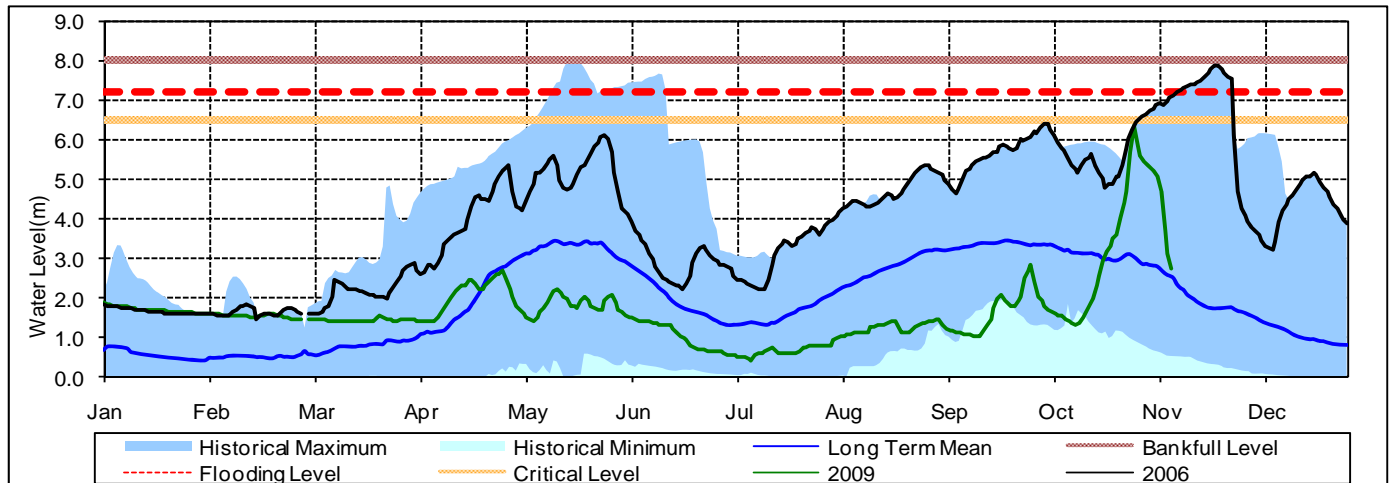
**Belet Weyne**



Date	Current river level	Relative position of current river level from:			
		Previous day	Low Flood Risk	Moderate Flood Risk	High Flood Risk
09/11/2009	4.10	0.18	1.80	2.40	3.20
08/11/2009	3.92	-0.04	1.98	2.58	3.38
07/11/2009	3.96	3.96	1.94	2.54	3.34

Observed river levels at Belet Weyne continued to decrease during the last week. Today's river level is 4.10m which is 3.20m below the high risk flood level.

**Bulo Burti**



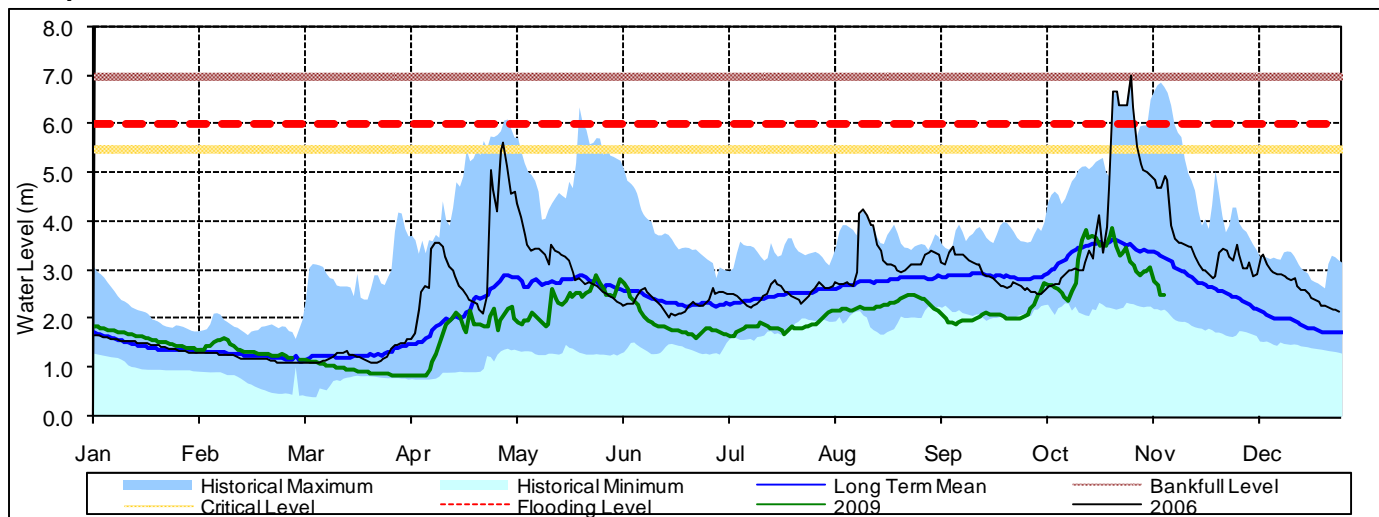
Date	Current river levels	Relative position of current river levels from:			
		Previous day	Low Flood Risk	Moderate Flood Risk	High Flood Risk
09/11/2009	2.72	-0.38	3.28	3.78	4.48
08/11/2009	3.10	-0.59	2.91	3.41	4.11
07/11/2009	3.68	3.68	2.32	2.82	3.52

Observed river levels at Bulo Burti decreased drastically over the last week. Today's river level is 2.72m which is 4.48m below the high flood risk level.

**Forecast for coming week for Shabelle**

Given the rainfall forecast of reduced rainfall activities within Somalia and the Ethiopian highlands, the river levels are expected to decrease further with no risk of flooding during the coming week.

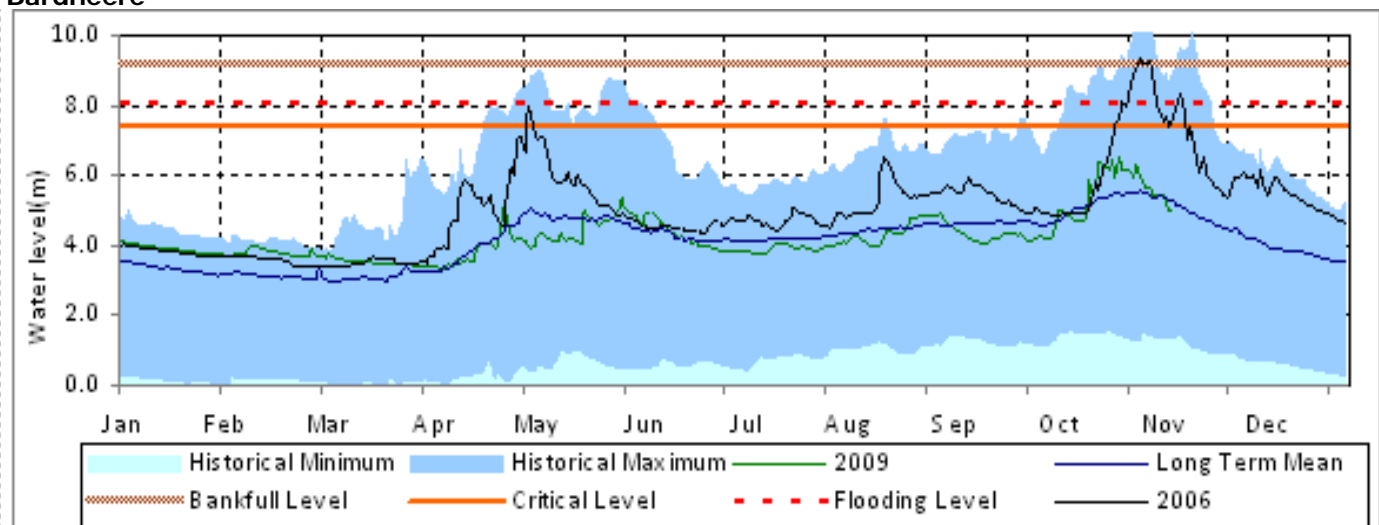
**Luuq**



Date	Current river levels		Relative position of current river levels from:		
	Levels	Previous day	Low Flood Risk	Moderate Flood Risk	High Flood Risk
09/11/2009	2.50	0.00	2.70	3.00	3.50
08/11/2009	2.50	0.20	2.70	3.00	3.50
07/11/2009	2.70	-0.06	2.50	2.80	3.30

Observed river levels at Luuq decreased over the last week and are currently slightly below normal. Today's river level is 2.50m which is 3.50m 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
09/11/2009	4.94	-0.09	2.08	2.48	3.08
08/11/2009	5.03	-0.20	1.99	2.39	2.99
07/11/2009	5.23	5.23	1.79	2.19	2.79

Observed river levels at Bardheere decreased over the last week. Today's river level is 4.94m which is 3.08m below

**Forecast for coming week for Juba**

The river levels are expected to continue decreasing during the coming week with minimal risk of flooding given the rainfall forecast.