



Flood Watch Somalia

Issued 10 March, 2010



SWALIM is funded by The European Commission with co funding provided by UNICEF

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 that ended on 8 March 2010, light to moderate rains were reported in some locations in the Juba and Shabelle catchments within Somalia; see table below for information on selected stations.

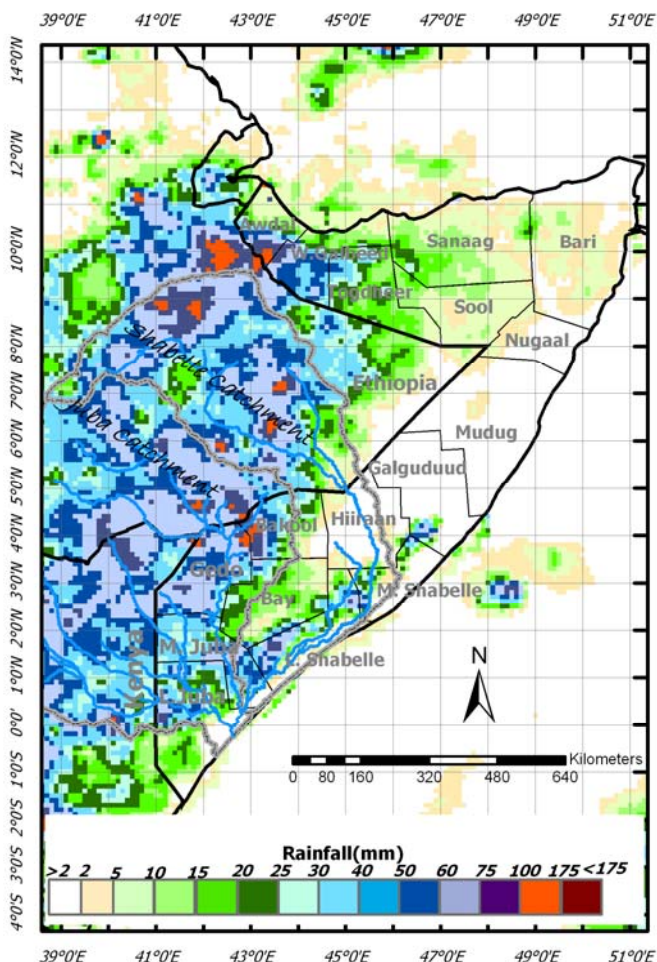
Station Name	Belet Weyne	Jowhar	Bulo burti	Dinsor	Bardera	Baidoa	Dhobley
Rainfall (mm)	0.0	13.0	8.5	25.5	20.0	76.0	30.0

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

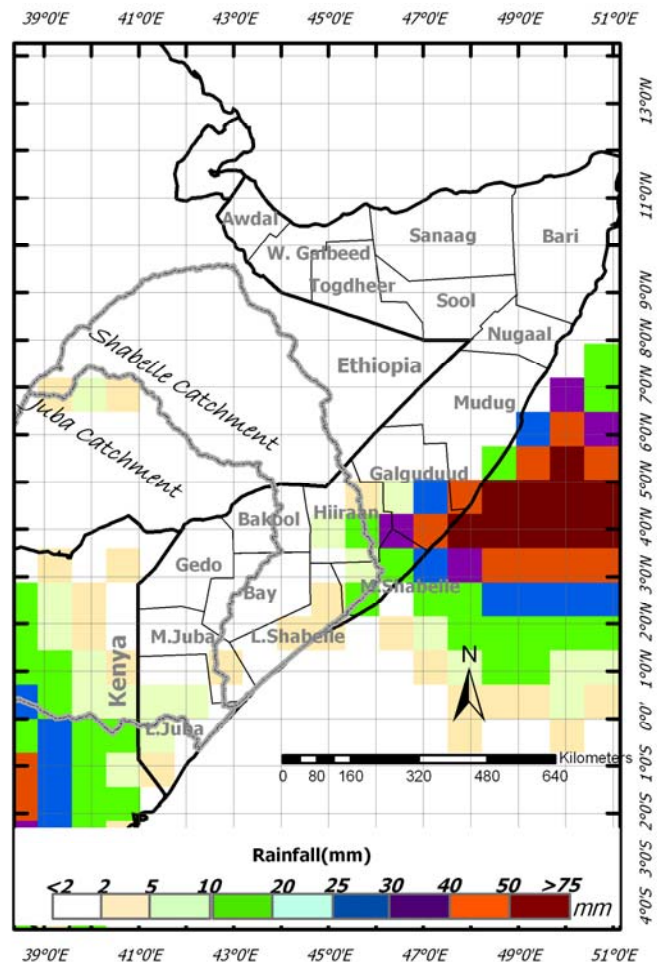
The rainfall forecast for the next seven days (09 to 16 March 2010) is pointing towards light rains in the Juba and Shabelle river basins both in Somalia and Ethiopia.

There is no risk of flooding on the Juba and Shabelle during the forecast period.

Total RFE: week ending 08/03/10



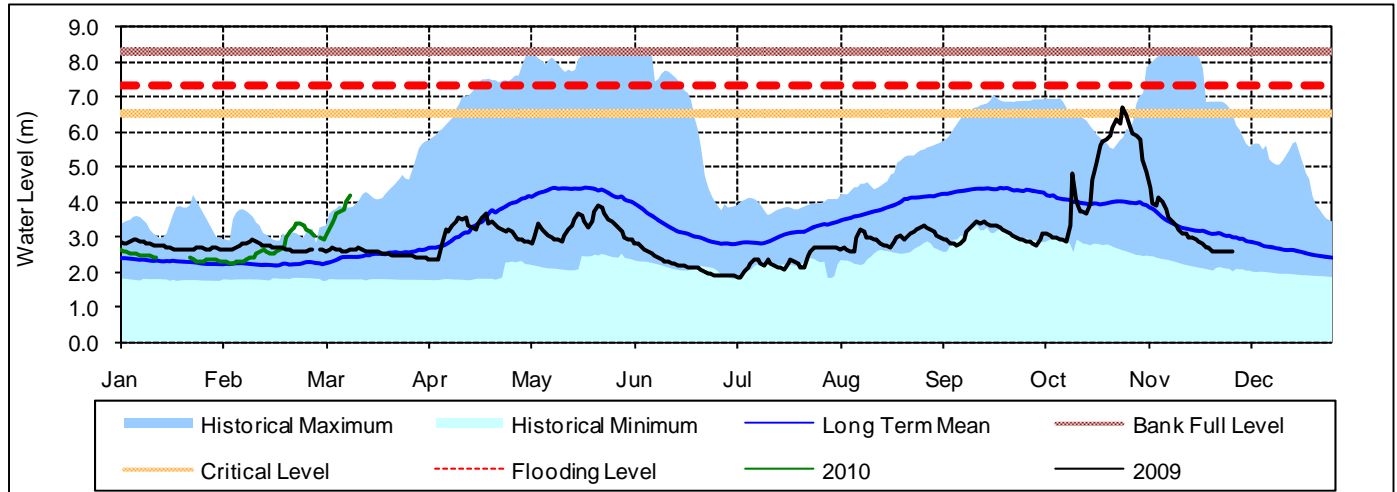
7-Day Rainfall Forecast: week ending 16/03/10



This bulletin is produced by the FAO Somalia Water and Land Information Management (SWALIM) Project, USGS and, FEWS NET Somalia. For more information send an e-mail to hydro@faoswalim.org or visit



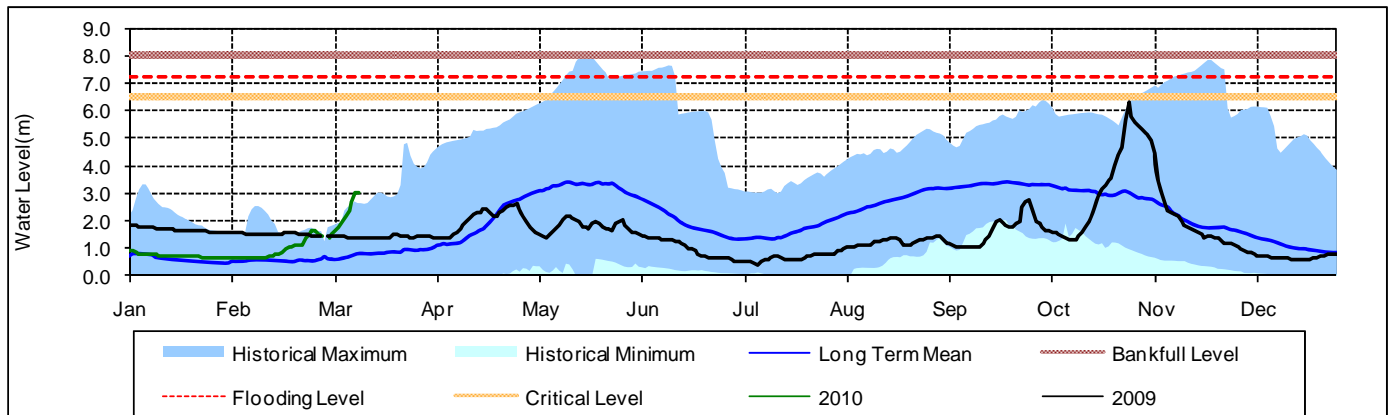
Belet Weyne



Date	Current river level	Relative position of current river level from:			
		Previous day	Low Flood Risk	Moderate Flood Risk	High Flood Risk
10/03/2010	4.20	0.20	1.72	2.32	3.12
09/03/2010	4.00	0.18	1.92	2.52	3.32
08/03/2010	3.80	3.80	2.10	2.70	3.50

Observed river levels at Belet Weyne increased significantly over the last week. Today's river level is 4.20m which is 3.12 m below the high risk flood level.

Bulo Burti



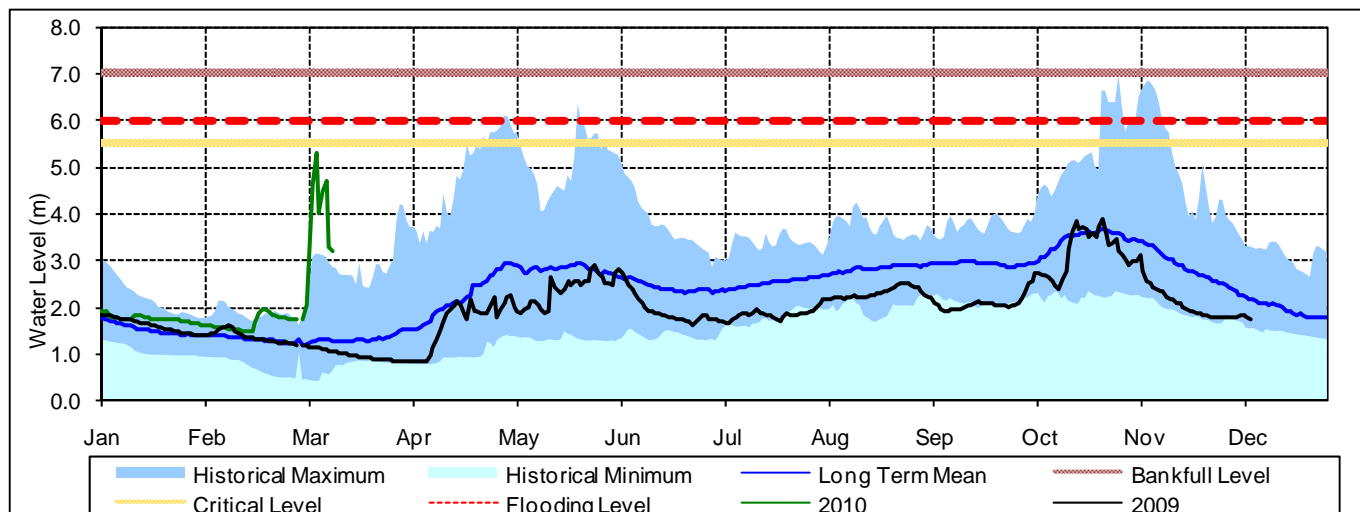
Date	Current river levels	Relative position of current river levels from:			
		Previous day	Low Flood Risk	Moderate Flood Risk	High Flood Risk
10/03/2010	3.00	0.20	3.00	3.50	4.20
09/03/2010	2.80	0.10	3.20	3.70	4.40
08/03/2010	2.70	1.50	3.30	3.80	4.50

Observed river levels at Bulo Burti increased over the last week. Today's river level is 3.00m which is 4.20 m below the high flood risk level.

Forecast for coming week for Shabelle

River levels for the past two weeks have been increasing along the Shabelle River in Somalia following heavy rains in Ethiopian highlands that marked start of the Gu rainy season. Given the prevailing situation and the rainfall forecast for the coming week, river levels are expected to drop towards the end of the week with no risk of flooding during the forecast period.

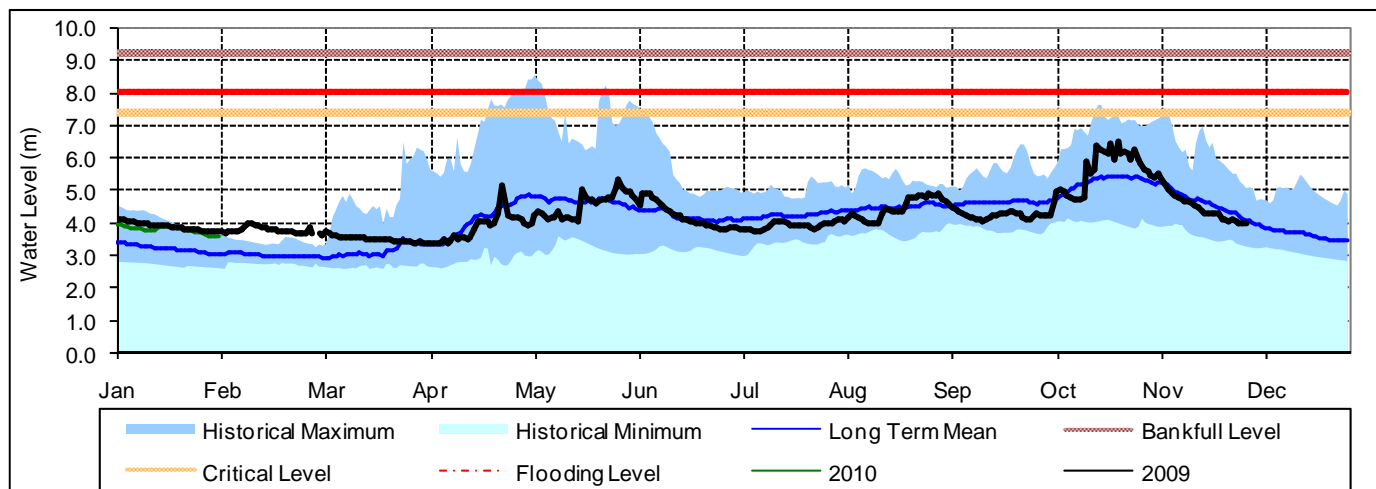
Luuq



Date	Current river levels	Relative position of current river levels from:			
	Levels	Previous day	Low Flood Risk	Moderate Flood Risk	High Flood Risk
10/03/2010	3.20	0.08	2.00	2.30	2.80
09/03/2010	3.28	0.92	1.92	2.22	2.72
08/03/2010	4.20	-2.41	1.00	1.30	1.80

Observed river levels at Luuq fluctuated over the last week with sharp increase at the beginning of the week. Today's river level is 3.20 m which is 2.80 m 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
10/03/2010	6.94	0.04	0.08	0.48	1.08
09/03/2010	6.90	-0.30	0.12	0.52	1.12
08/03/2010	7.20	3.15	-0.18	0.22	0.82

Observed river levels at Bardheere fluctuated over the last week. Today's river level is 6.94m which is 1.08 m below the high risk flood level.

Forecast for coming week for Juba

River levels on the Juba fluctuated during the last one week. Given the rainfall forecast, the river levels are expected to decrease further and stabilise at the end of the week. There is no risk of flooding during the coming week.