

FLOOD WARNING LEVEL

River Basin/Region	This Week (25 – 31 May)	Following Week (01 – 07 June)	River Basin/Region	This Week (25 – 31 May)	Following Week (01 – 07 June)
Shabelle	Moderate Flood Risk	No Flood Risk	Central regions	No Flood Risk	No Flood Risk
Juba	Moderate Flood Risk	No Flood Risk	Puntland	No Flood Risk	No Flood Risk
Bay and Bakool	No Flood Risk	No Flood Risk	Somaliland	No Flood Risk	No Flood Risk

The week ending on 24 May 2020 saw a significant reduction of rainfall amounts across the country. A few pockets in the southern and northeastern regions however recorded light rains. In general, the seasonal rain performance was remarkable and beneficial to all the water dependent sectors.

The heavy rains within Somalia and the Ethiopian highlands since the start of the season resulted into excessive flows and flooding along the Juba and Shabelle basins. Analysis using very high-resolution (VHR) satellite images of flood extent along the Juba and Shabelle basins shows that the Gu 2020 flood extent along the Shabelle river is less as compared to the one detected during Gu 2018 and Deyr 2019. Along Juba River, the Gu 2020 flood is larger than the one detected during Gu 2018 but less than the one of Deyr 2019. According to UNOCHA, 836,128 people have been affected during this season within the Juba and Shabelle Rivers which is a larger number compared to that of 2018 and 2019. Further analysis of river flow at Belet Weyne shows that for the third year in a row a flood extent that would normally have a recurrence of 50 years has been surpassed.

Flood extent and affected population along the Juba and Shabelle basins in 2020, 2019 and 2018			
Flood Season	Affected of people affected ¹	Flood Extent (km ²)	Number of Villages affected
Gu 2020	836,128	1,009	452
Deyr 2019	544,429	1,930	733
Gu 2018	352,529	2,073	641

The rainfall forecast for the week ending on 31 May 2020 is calling for rainfall amounts of up to 50 mm cumulatively in coastal parts of Lower Juba and Lower Shabelle regions. Bari, Nugal, Sanaag and parts of Sool will also receive some light to moderate rains until the end of the week. Moderate rains are also expected in the Juba and Shabelle headwaters in Ethiopia during the forecast week. A moderate flood risk along the two rivers is likely to persist during this week due to continuing high flows from the upper catchments. The situation is expected to improve in the following week with water logging abating due to high daily evaporation.

Shabelle River: There was a reduction of rainfall amounts in the basin during the last week. River levels at Belet Weyne have remained at bank-full since 12 May 2020 to date. Flood waters that had inundated the town started to draw back to the river in the last two days and the situation will to improve in the coming days. The river level at Jowhar decreased slightly and today it is at 5.10 m. Using VHR satellite imagery, SWALIM identified a total of 445 km² of flood-affected areas in the basin during this flood season. River levels will start to decrease towards the end of this week in the lower reaches of the river as the lagged flood flows stream in from upstream reaches. **Moderate Risk** of flooding is foreseen along the Shabelle during this week; and **No flood risk** the following week.

Juba River: There has been a drastic reduction of river levels along the entire channel. Flooding that was recently reported has reduced in the upper reaches but some farm lands are still under water in Middle and Lower reaches. The river level at Bardheere today is at 6.18 m, which a 3.0 m drop from the last four days. Using VHR satellite imagery, SWALIM identified a total of 564 km² of flood-affected areas along the Juba River during this flood season. Given the current situation, a **Moderate Risk** of flooding along the lower reaches remains in place this week; with a reduction to **No flood risk** the following week.

In Bay and Bakool regions: Little to no rains were recorded during the week. The forecast for this week indicates reduced rainfall prospects in these regions with no flood risk anticipated.

Somaliland, Puntland, and Central regions: No rains were reported in Somaliland while light rains were reported in Puntland on 25 May 2020.

¹ This information has been provided by UNOCHA, Somalia














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FLOODS AND RAINS UPDATE

 Hotspots	Week in review (18 - 24 May 2020)	Week ahead (25 - 31 May 2020)	
Juba			
Upper <i>(From Dollow to Baardheere)</i>	No rains recorded. River level decreased No Flooding reported	 	No rains foreseen A decrease in river levels Reduction in river flooding in Dollow, Luuq and Bardheere
Mid and Lower <i>(from Saakow to Kismayo)</i>	Light to moderate rains in lower Juba. River level very high Flooding in Buaale and downstream reaches	 	Moderate rainfall forecast in Lower Juba during the coming week Moderate River flooding in downstream is likely to continue given high river levels
Shabelle			
Upper <i>(from Belad Weyne to Jalaasi)</i>	No rains recorded River level remained at Bank full in Belet Weyne Flooding continued in Belet Weyne	 	No rains foreseen in the coming week Sustained high river levels, Moderate flooding in lower reaches
Mid and Lower <i>(from Jowhar to Sablale)</i>	No rains recorded High river levels sustained Flooding reported in Jowhar and lower Shabelle riverine areas	 	Light to Moderate rains forecast in the coming week in Lower Shabelle. Flooding expected due to the increased river levels and existing river breakages
Bay & Bakool			
Bay	No rains recorded No Flash floods reported	 	No rains foreseen No flash floods foreseen
Bakool	No rains recorded No Flash floods reported	 	No rains foreseen No flash floods foreseen

 Deterioration,  improvement, or  no change anticipated in flood conditions.

 Heavy,  moderate,  low, or  no rainfall.

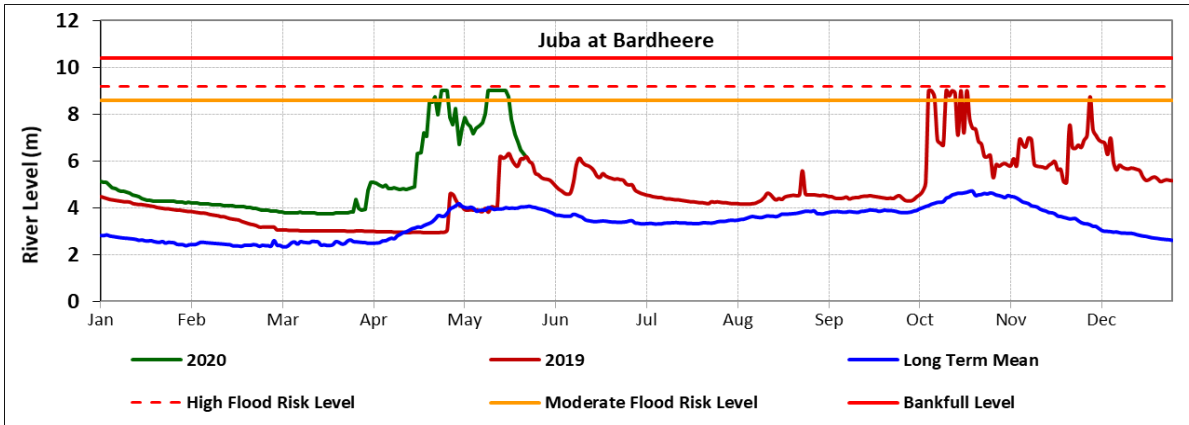
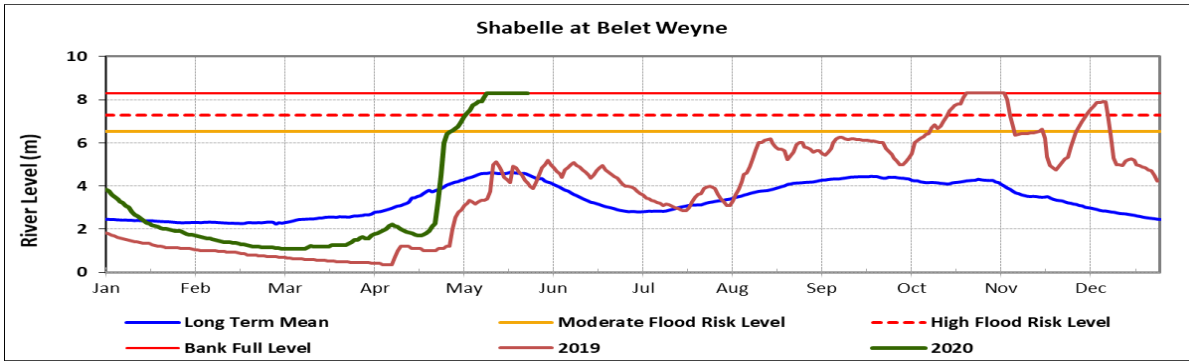
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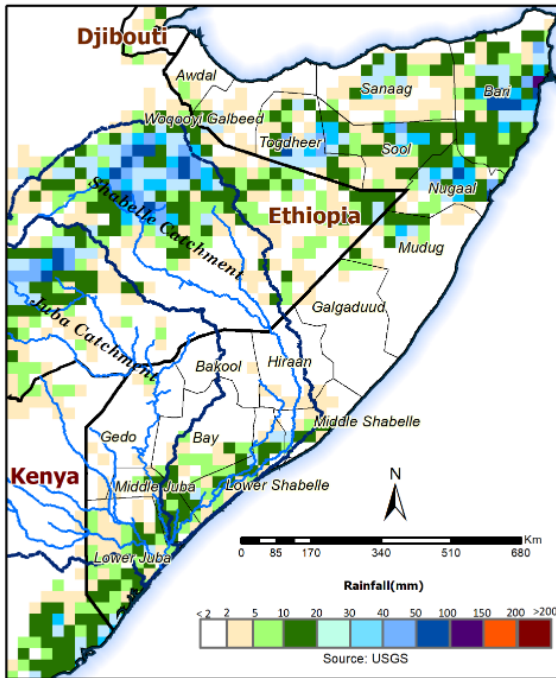


CURRENT RIVER LEVELS

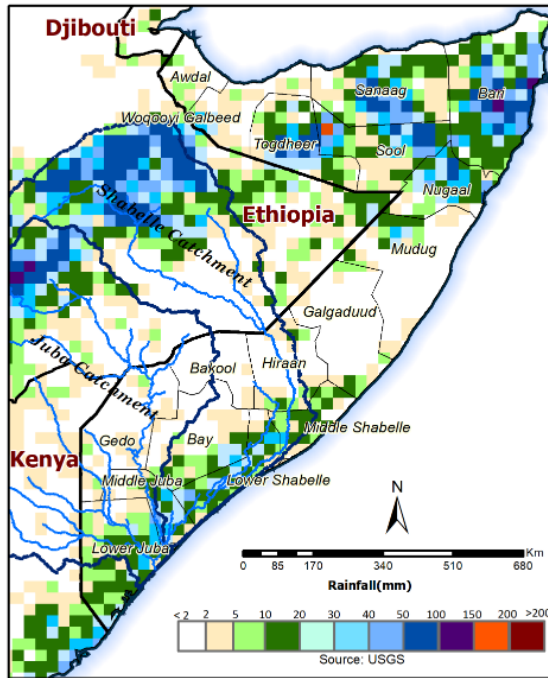


RAINFALL FORECAST

Map 1: 3 day cumulated rainfall forecast (26 – 28 May 2020)



Map 2: 7 day cumulated rainfall forecast (26– 31 May 2020)



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