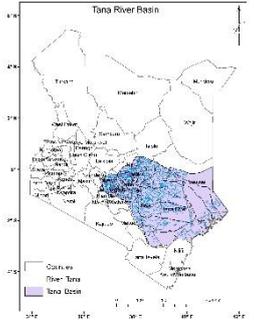




REPUBLIC OF KENYA  
 MINISTRY OF ENVIRONMENT, CLIMATE CHANGE & FORESTRY  
 DEPARTMENT OF ENVIRONMENT

**FLOOD FORECASTING AND EARLY WARNING CENTRE (FFEWC)**  
 KENYA METEOROLOGICAL DEPARTMENT  
**RIVER TANA DAILY FLOOD WATCH UPDATE**



**ORIGINATOR:**  
 Flood Forecasting and Early Warning  
 Center, Nairobi

**Issue No:**  
 FFEWC 10<sup>th</sup> Mar 2026

**Date of Issue:** 9<sup>th</sup> Mar 2026  
**Validity:** 10<sup>th</sup> Mar to 16<sup>th</sup> Mar 2026

**Summary**

- Moderate rainfall is expected over the basin during the next 7 days.
- The stream flow forecast for the next 7 days indicates that the average water level at Garissa is not likely to exceed 4.7 m
- Therefore, there is Moderate Risk of flooding within the forecast period.

**Water levels at Garissa Bridge RGS**

Date	Level (m)	Trend	Flood Risk Category
Yesterday's Max. Level	3.6	-	High flood risk
Today's "Morning water level"- 8am	4.3	Rising	Moderate flood risk
10 <sup>th</sup> Mar 2026	4.3	Constant	Moderate flood risk
11 <sup>th</sup> Mar 2026	4.7	Rising	Moderate flood risk
12 <sup>th</sup> Mar 2026	4.5	Falling	Moderate flood risk
13 <sup>th</sup> Mar 2026	4.2	Falling	Moderate flood risk
14 <sup>th</sup> Mar 2026	3.7	Falling	Moderate flood risk
15 <sup>th</sup> Mar 2026	3.5	Falling	Moderate flood risk
16 <sup>th</sup> Mar 2026			Moderate flood risk

**KEY**

- High flood risk
- Moderate flood risk
- No flood risk



Minor Flood



Moderate Flood



Severe Flood

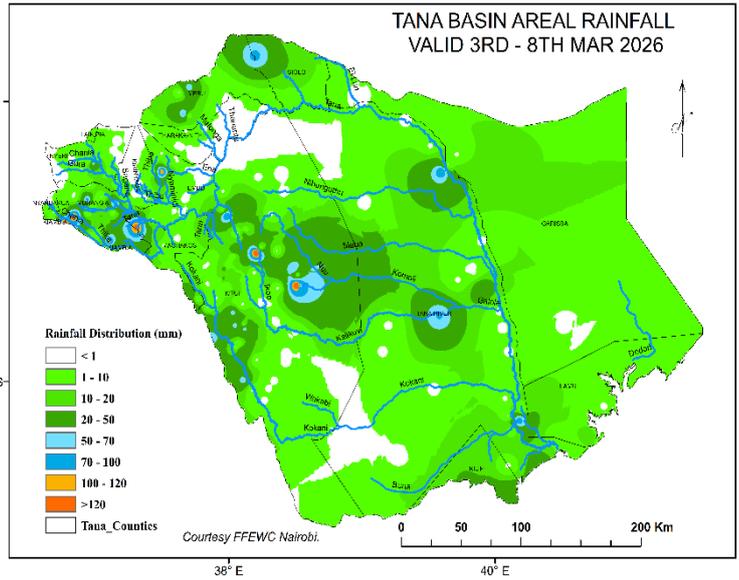
**Flood Risk Indicators and forecast for the Tana River Basin**

**Section 1: Rainfall (mm) patterns and forecast**

The figure to the right shows the average rainfall over Tana Basin from 3<sup>rd</sup> – 8<sup>th</sup> Mar 2026. Heavy rainfall was recorded over the basin.

Classification of point rainfall on the grid map

Range	Category
0 - 5 mm	light
5 - 20mm	moderate
20 - 50 mm	heavy
>50mm	Very heavy



## Section 2: Rainfall (mm) Forecast

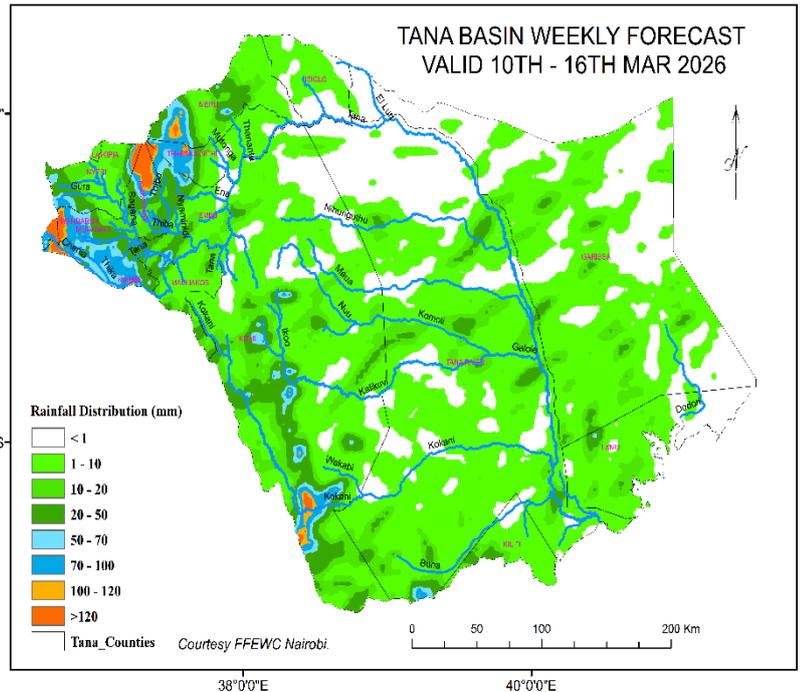
# 7 DAY RAINFALL FORECAST FOR TANA BASIN

The figure to the right shows the 7-day rainfall forecast over the Tana Basin issued on 10<sup>th</sup> Mar 2026 by the Kenya Meteorological Department.

Moderate rainfall is expected over the entire Tana basin.

Classification of point rainfall on the grid map

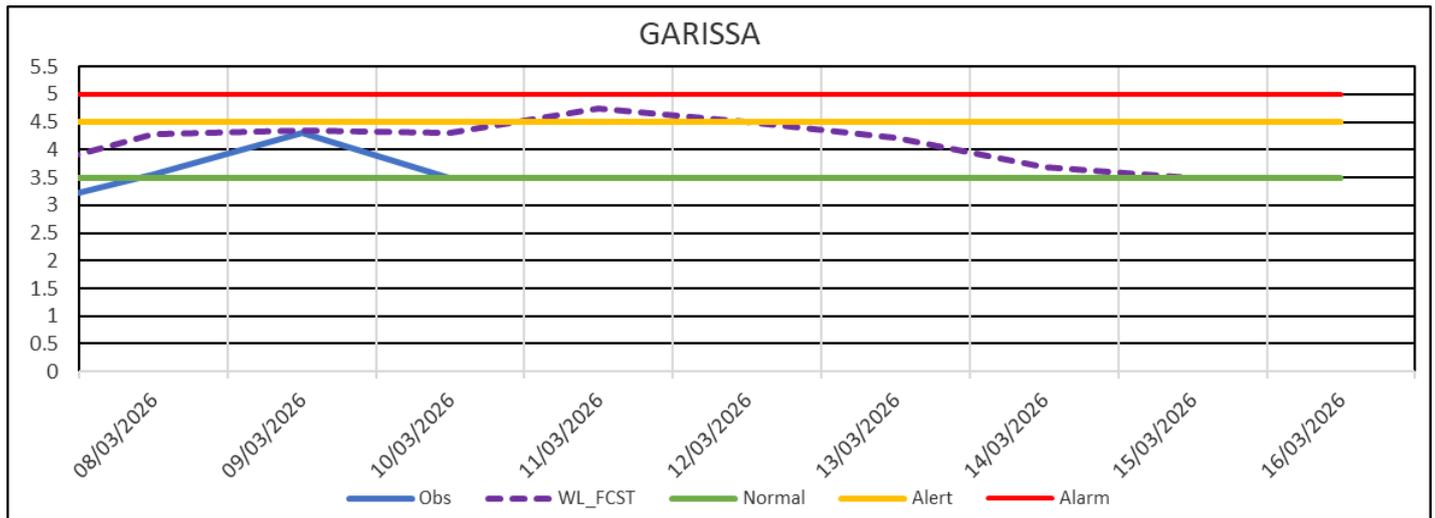
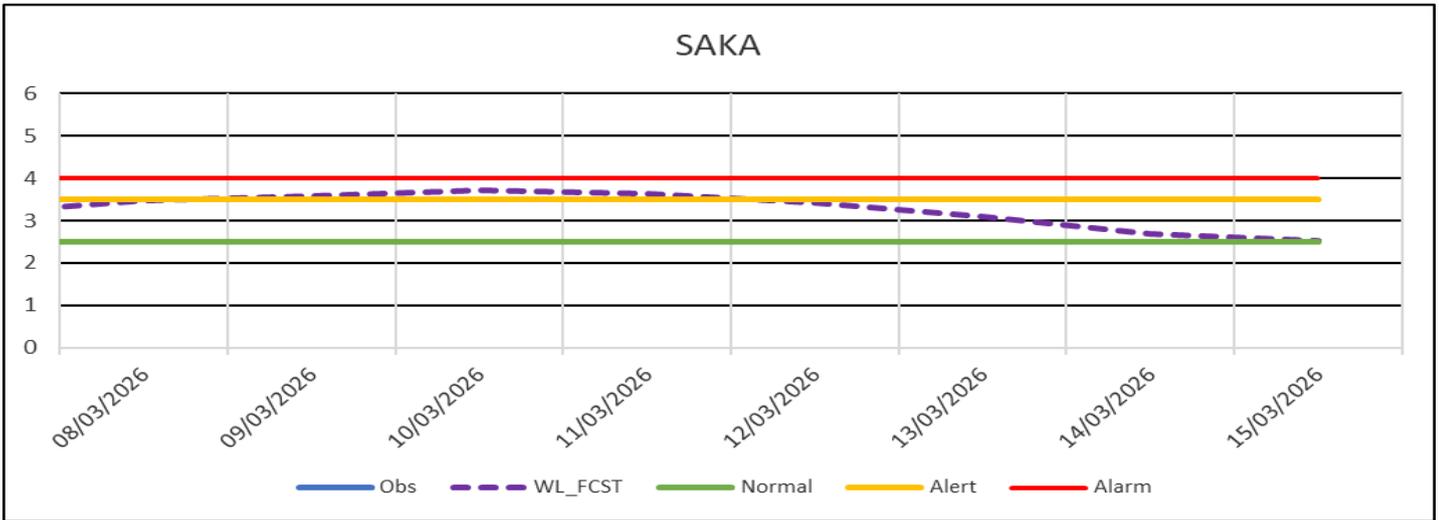
Range	Category
0 - 5 mm	light
5 - 20mm	moderate
20 - 50 mm	heavy
>50mm	Very heavy



## Section 2: Current and Forecast Water Levels at Garissa RGS

The plot of observed water levels is shown in charts below for 4 forecast points in the basin; Saka, Garissa, Hola and Garsen.

- The basin received Heavy rainfall between 3<sup>rd</sup> – 8<sup>th</sup> Mar 2026.
- The **Green** line indicates the normal levels at the different forecast points, while the **Amber** line indicates the alert levels and the **Red** line indicates the alarm levels.
- The Forecast indicates that in the next 7 days water levels at Saka will reach around **3.7 m**, while at Garissa its expected to reach an average of **4.7 m**, at Hola its expected **3.7 m** and at Garsen **3.0 m** Therefore, there is **Moderate risk of flooding within** the forecast period.



### Notes for readers

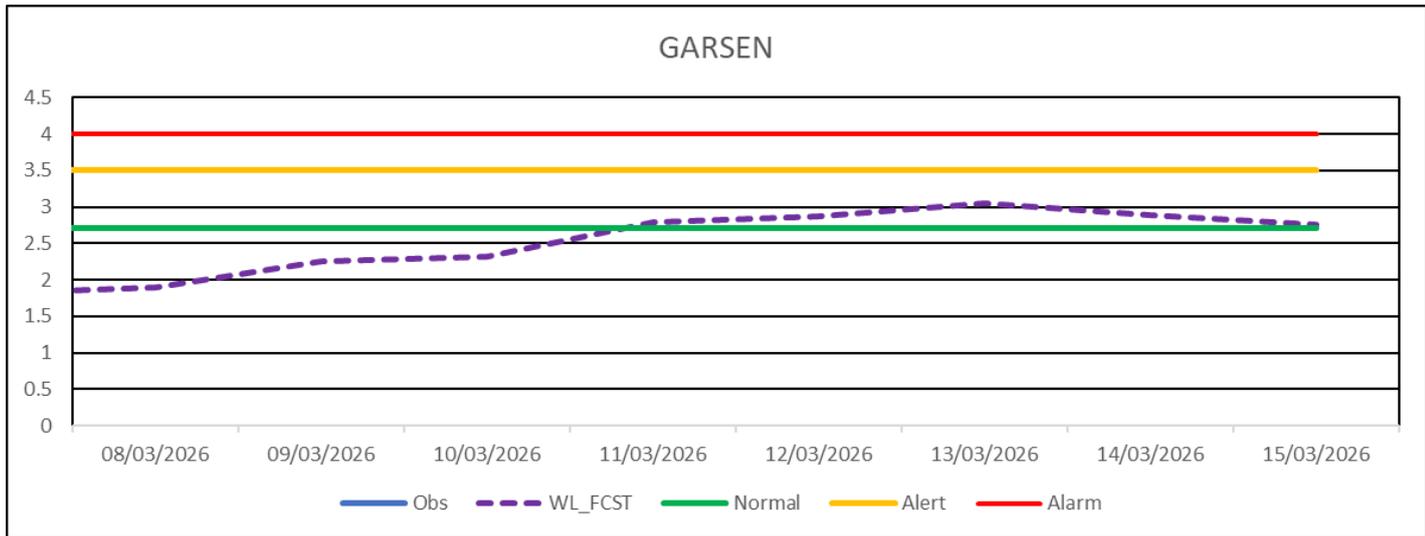
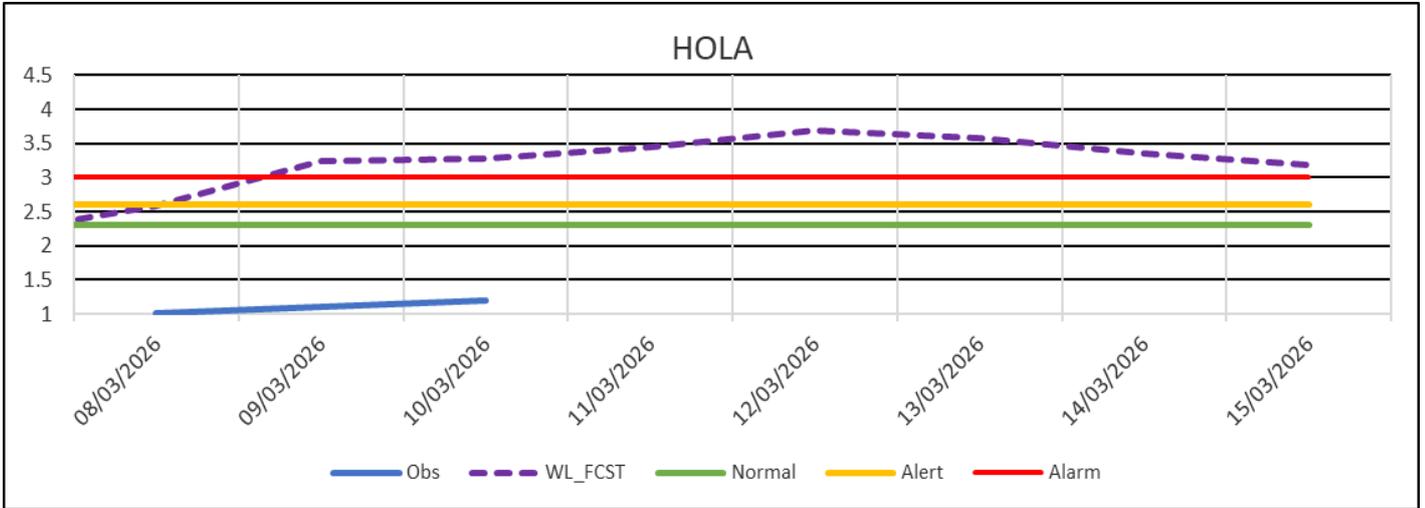
a) Classification of Areal Rainfall

b) Water levels at Garissa

Range	Category
<5 mm	light
5-20 mm	moderate
20 - 50	heavy
> 50 mm	Very heavy

Description	Range	Flood risk Color codes	Remark
Flood Warning level (m)	>5.0 m		Above this point flooding is imminent
Alert levels	4.0 -5.0 m		Watch
No risk	< 3.5m		Safe

**Disclaimers**



- FFEWC does not claim authority on any boundaries in the used maps.
- While extreme care is exercised in accuracy of the data collection on analysis and interpretation for production of this Bulletin, users are requested to verify it before applying it.