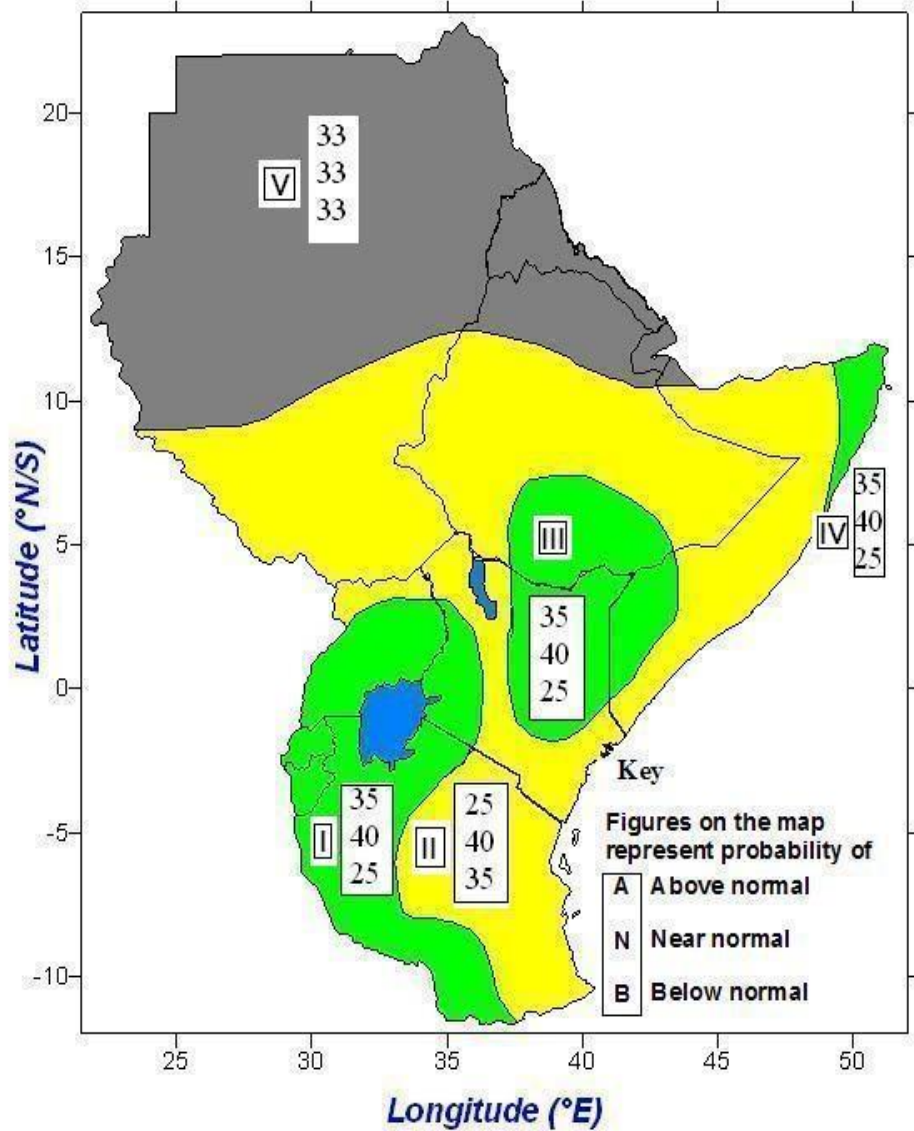




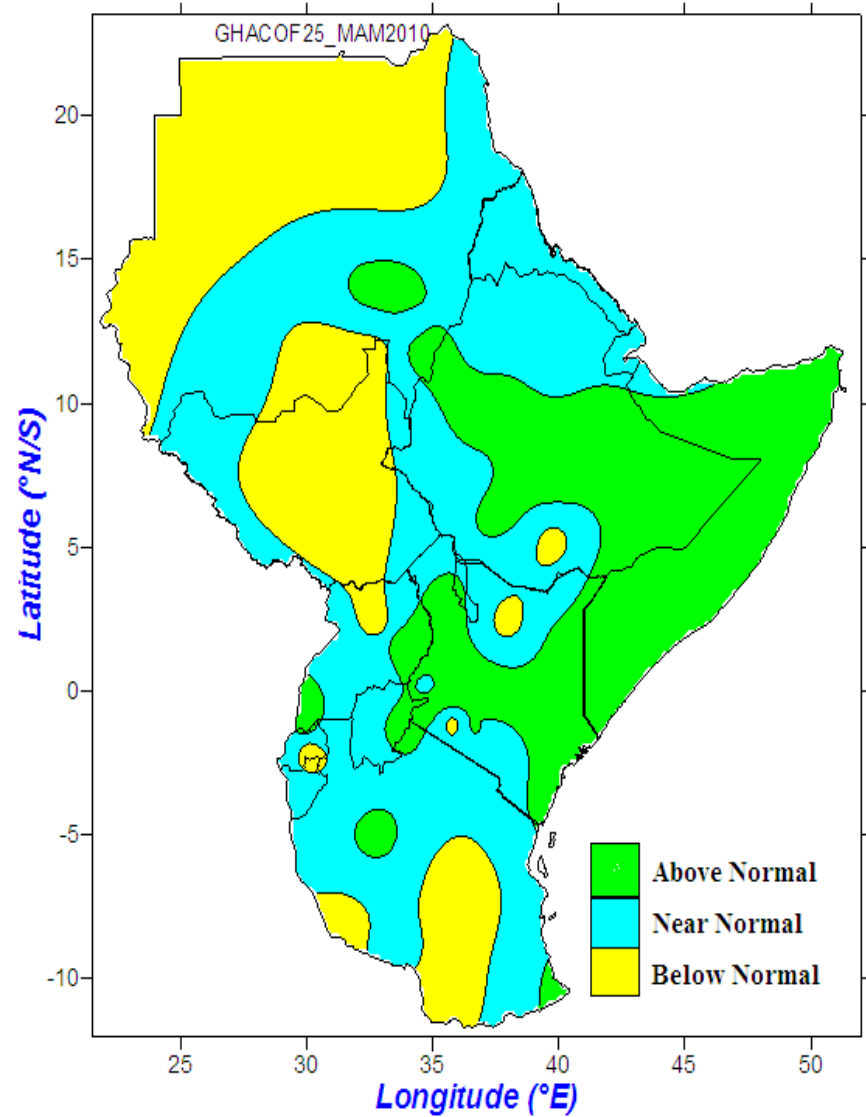
## **IGAD Climate Prediction and Applications Centre**

# **Verification of COF 25 outlook**

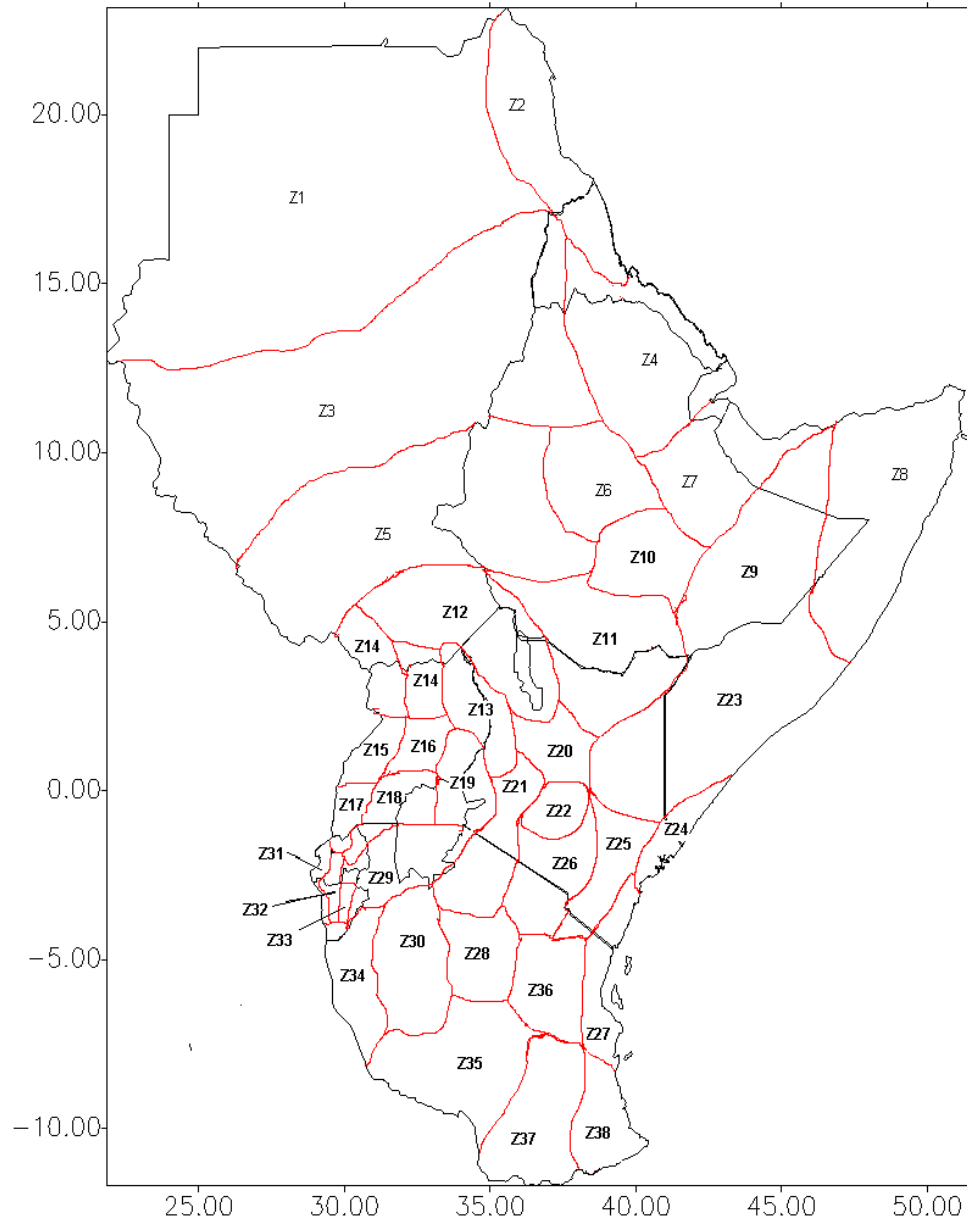
# COF 25 Consensus Climate Outlook for March to May 2010



# Observed rainfall anomalies during March to May 2010



# CLIMATOLOGICAL ZONES



# 1. Hit Rate

The analysis of COF 25 Climate Outlook and the observed MAM 2010 rainfall categories reveals that there were:

41 Hits and 57 Forecasts zones

Therefore,

$$\begin{aligned}\text{Hit Rate (H)} &= 41/57 \\ &= 0.72 \\ &= 72\% \text{ Hit Rate}\end{aligned}$$

## 2. Heidke Hit Skill Score

$$\text{Heidke Hit Skill Score} = (H-C)/(100-C)$$

Where H is the hit rate (%)

Usually C the chance hit rate = 33.3%

But with half hits C=50%

For COF 25 therefore,

$$\text{HSS} = (72-50)/(100-50)$$

$$= 22/50 = 0.44$$

$$= 44\%$$