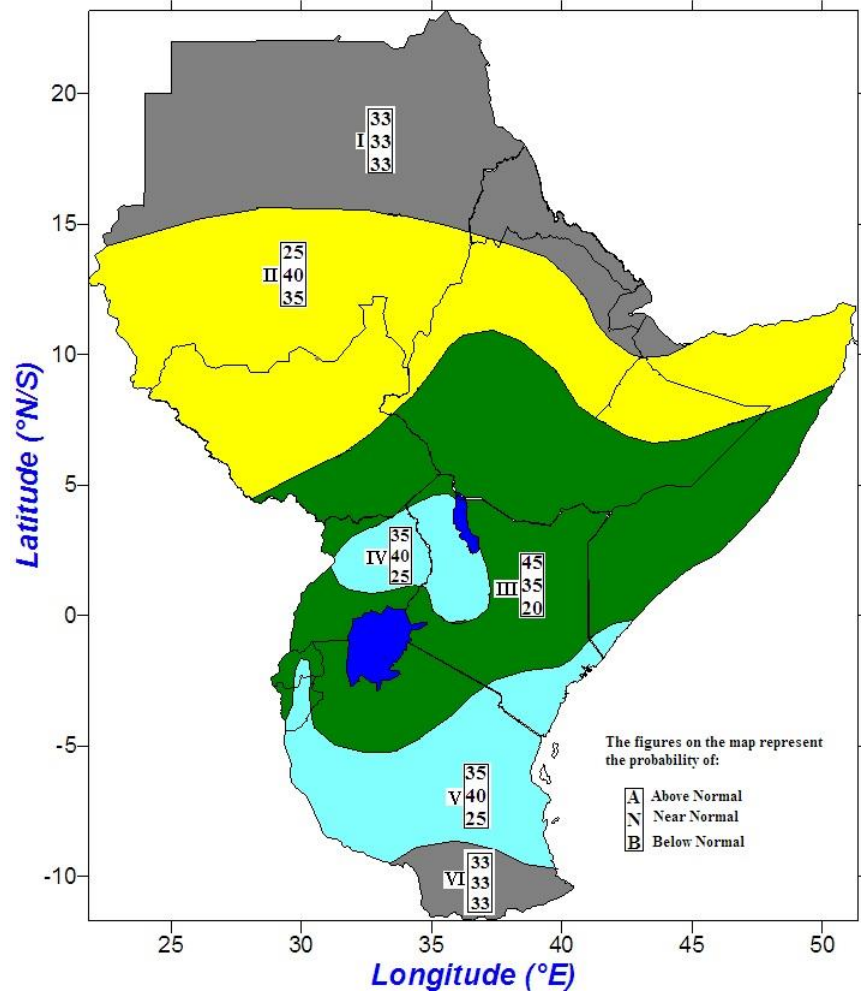




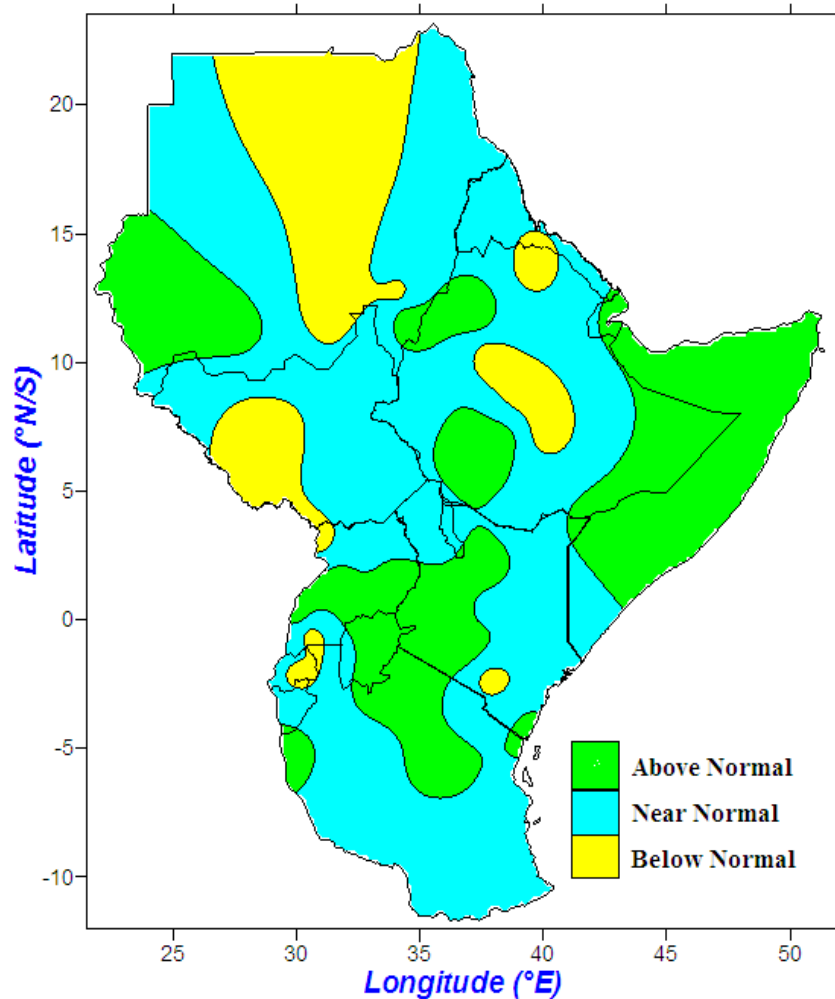
## **IGAD Climate Prediction and Applications Centre**

# **Verification of COF 41 outlook**

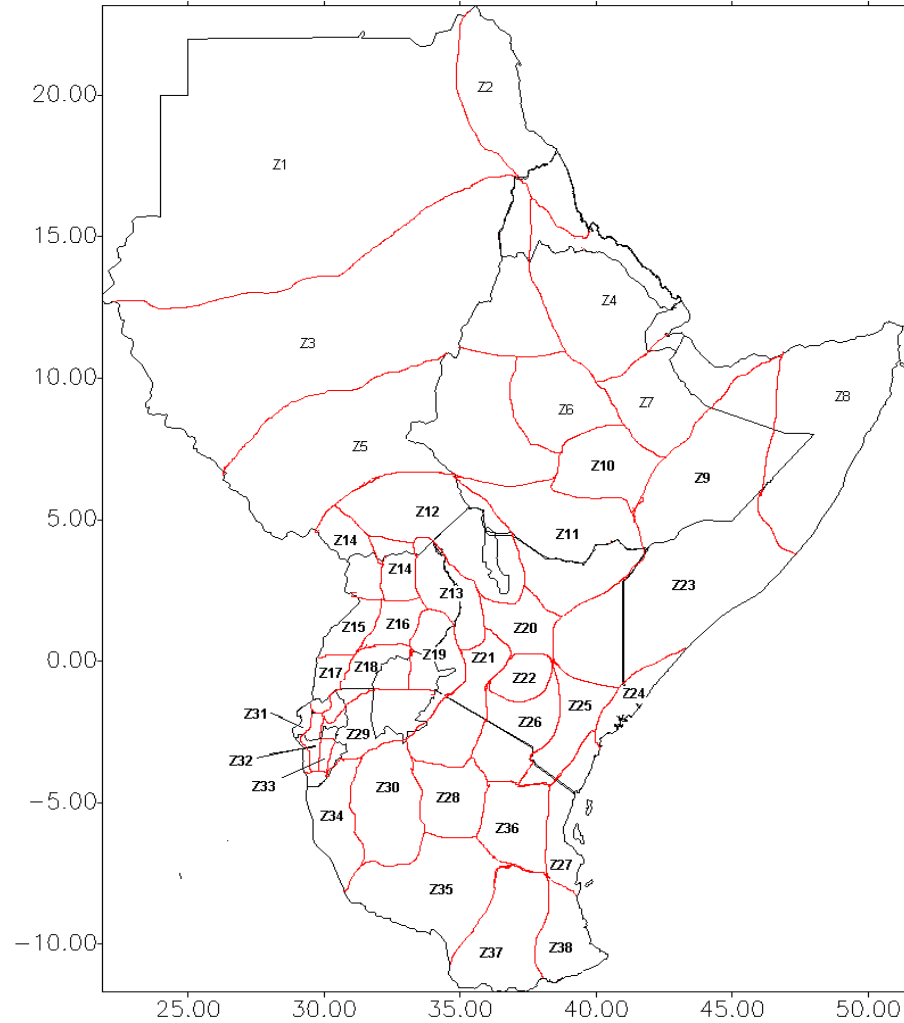
# COF 41 Consensus Climate Outlook for SOND 2015



# Observed rainfall anomalies during SOND 2015



# CLIMATOLOGICAL ZONES



# 1. Hit rate

The analysis of COF 41 Climate Outlook and the observed SOND 2015 rainfall categories reveals that there were:

47 Hits and 63 Forecasts zones

Therefore,

$$\begin{aligned}\text{Hit Rate (H)} &= 47/63 \\ &= 0.746 \\ &= 74.6\% \text{ Hit Rate}\end{aligned}$$

## 2. Heidke Hit Skill Score

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 40 therefore,

$$\begin{aligned} \text{HSS} &= (74.6-50)/(100-50) \\ &= 24.6/50 = 0.49 \\ &= 49\% \end{aligned}$$