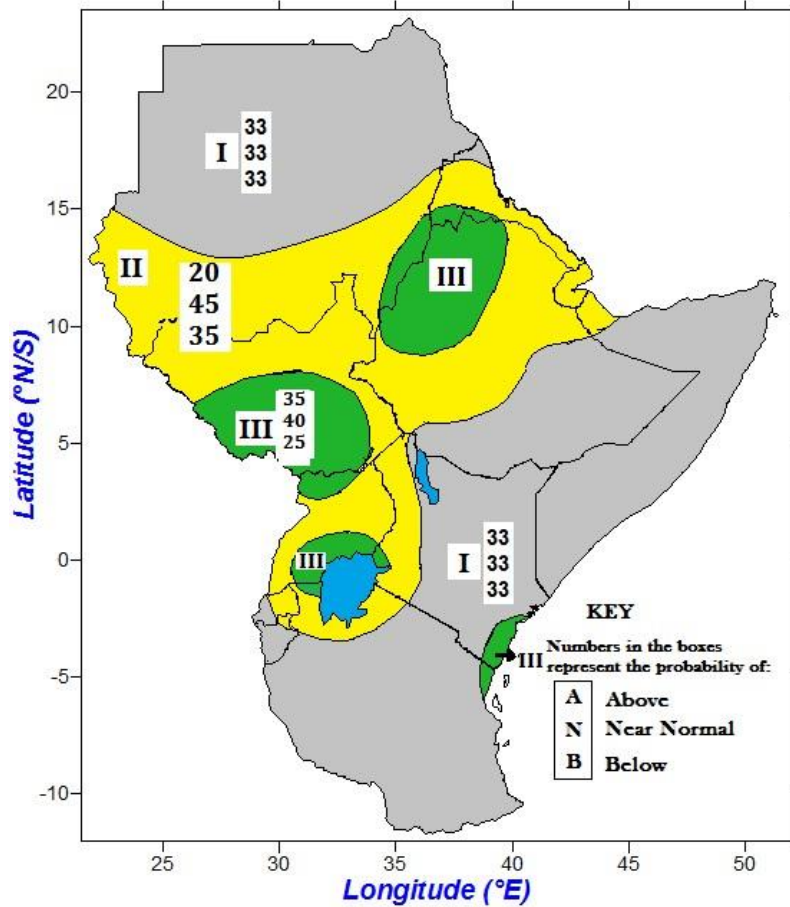




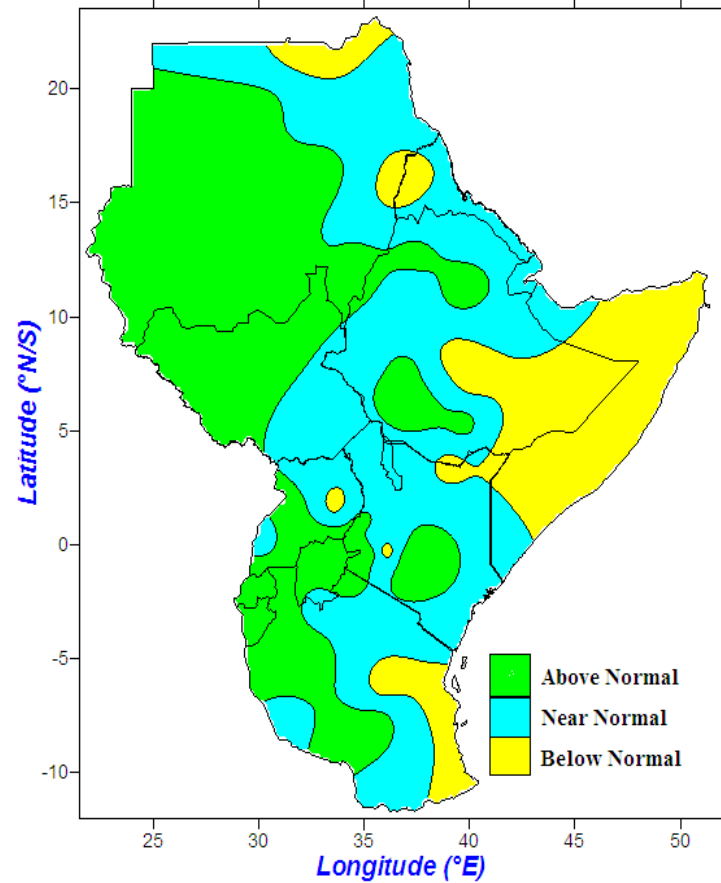
## **IGAD Climate Prediction and Applications Centre**

# **Verification of COF 37 outlook**

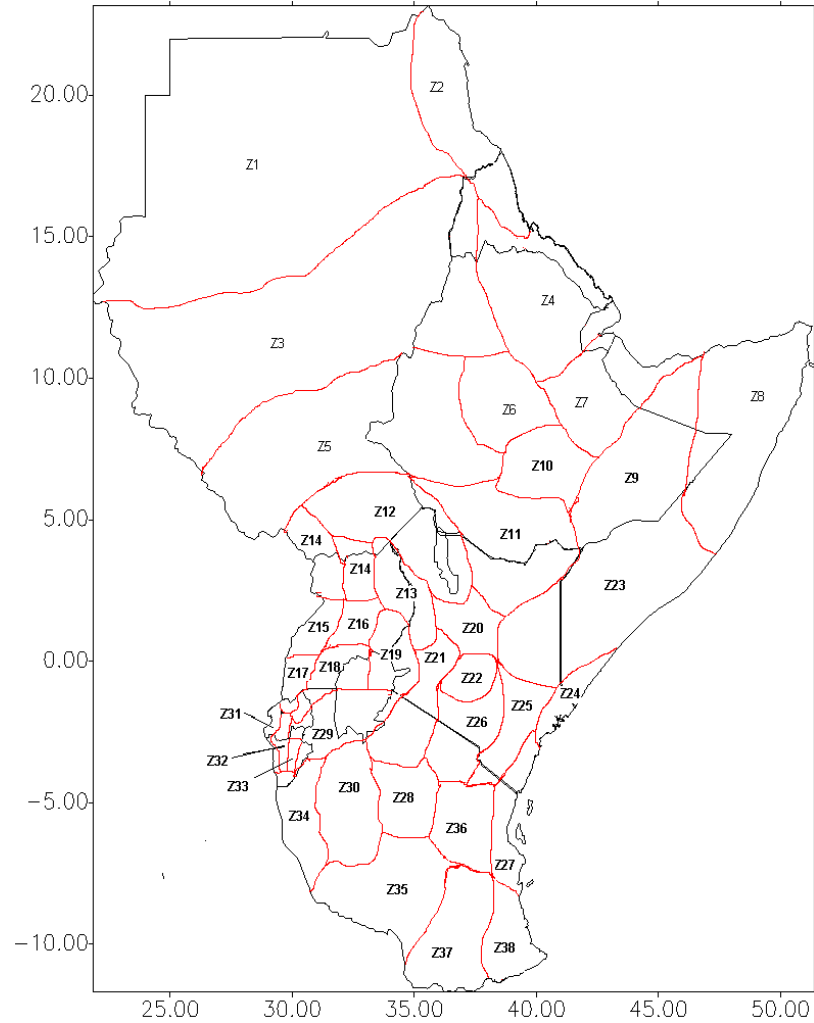
# COF 37 Consensus Climate Outlook for JJA 2014



# Observed rainfall anomalies during JJA 2014



# CLIMATOLOGICAL ZONES



# 1. Hit rate

The analysis of COF 37 Climate Outlook and the observed JJA 2014 rainfall categories reveals that there were:

20 Hits and 27 Forecasts zones

Therefore,

$$\begin{aligned}\text{Hit Rate (H)} &= 20/27 \\ &= 0.74 \\ &= 74\% \text{ Hit Rate}\end{aligned}$$

## 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 37 therefore,

$$\text{HSS} = (74-50)/(100-50)$$

$$= 24/50 = 0.48$$

$$= 48\%$$