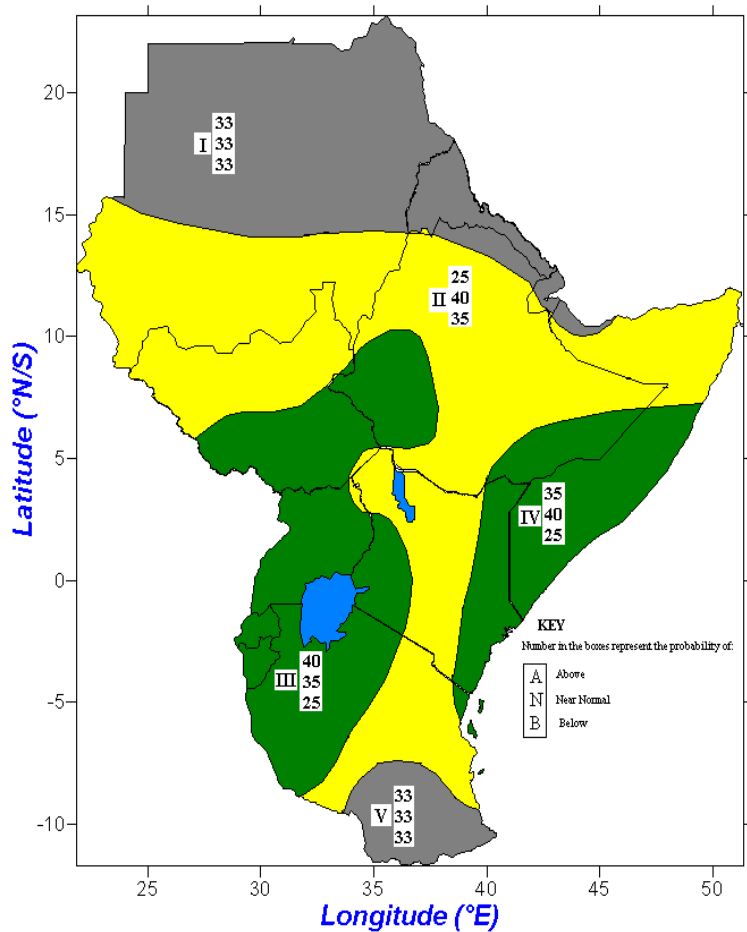




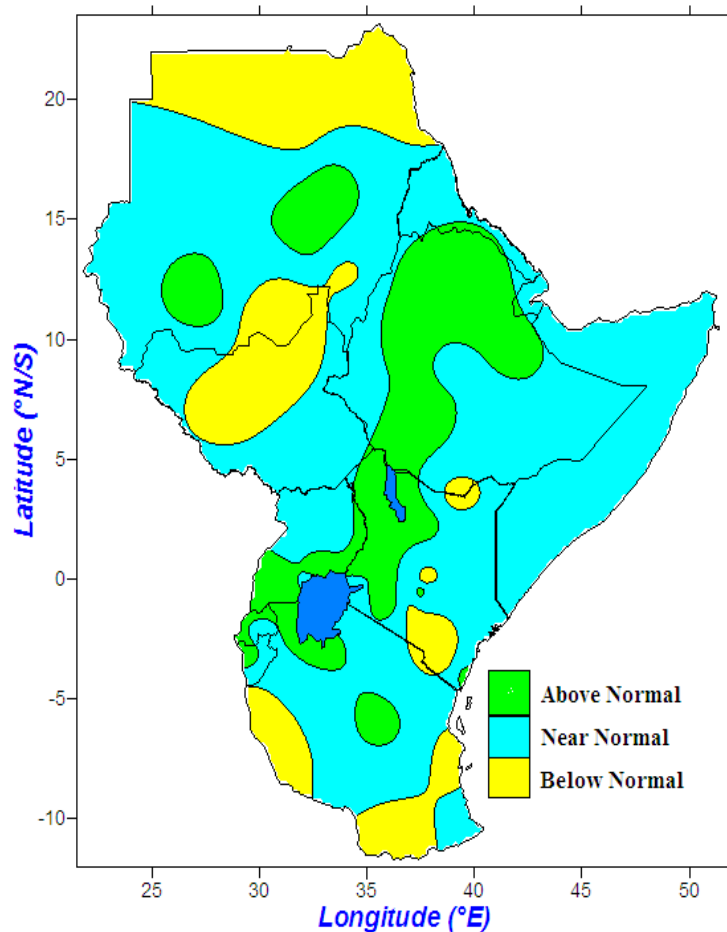
## **IGAD Climate Prediction and Applications Centre**

# **Verification of COF 38 outlook**

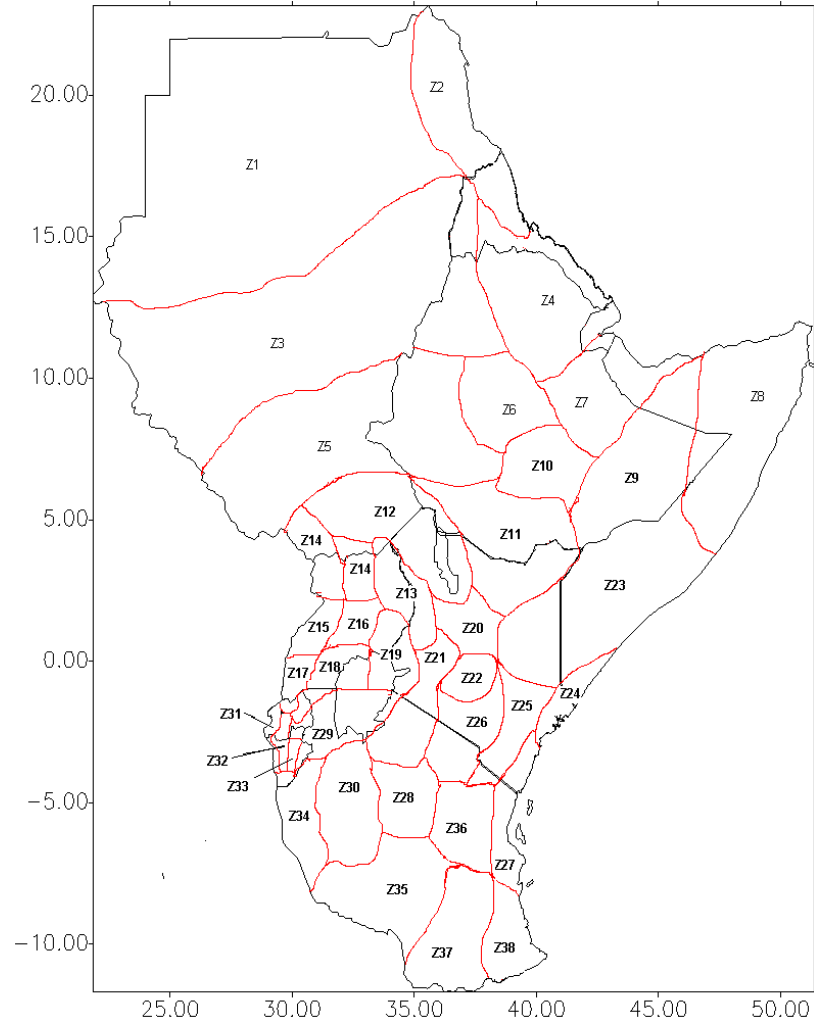
# COF 38 Consensus Climate Outlook for SOND 2014



# Observed rainfall anomalies during SOND 2014



# CLIMATOLOGICAL ZONES



# 1. Hit rate

The analysis of COF 38 Climate Outlook and the observed SOND 2014 rainfall categories reveals that there were:

38 Hits and 52 Forecasts zones

Therefore,

$$\begin{aligned}\text{Hit Rate (H)} &= 38/52 \\ &= 0.73 \\ &= 73\% \text{ Hit Rate}\end{aligned}$$

## 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 38 therefore,

$$\text{HSS} = (73-50)/(100-50)$$

$$= 23/50 = 0.46$$

$$= 46\%$$