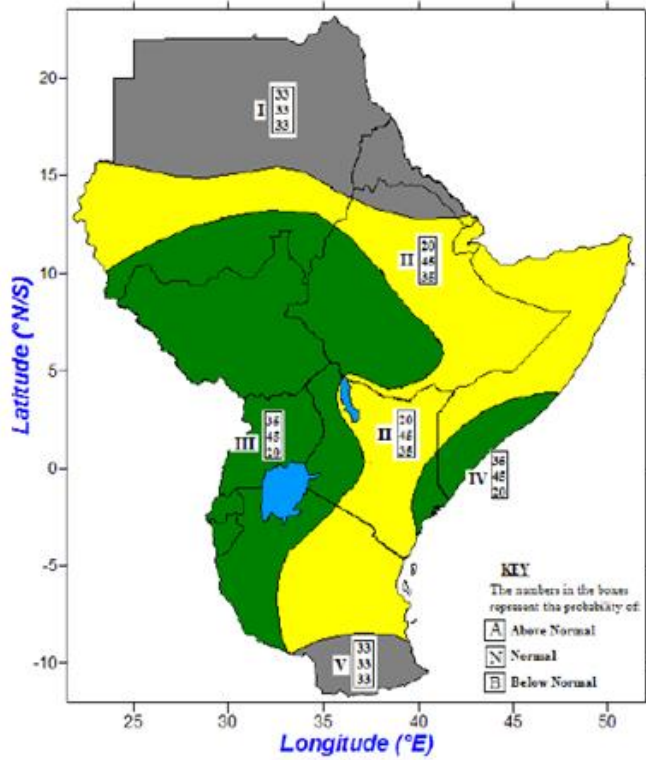




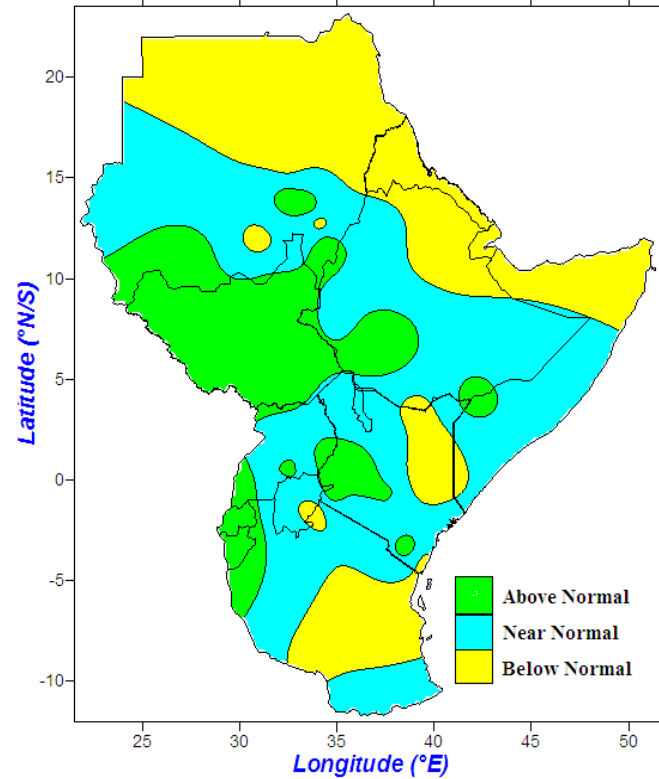
IGAD Climate Prediction and Applications Centre

Verification of COF 35 outlook

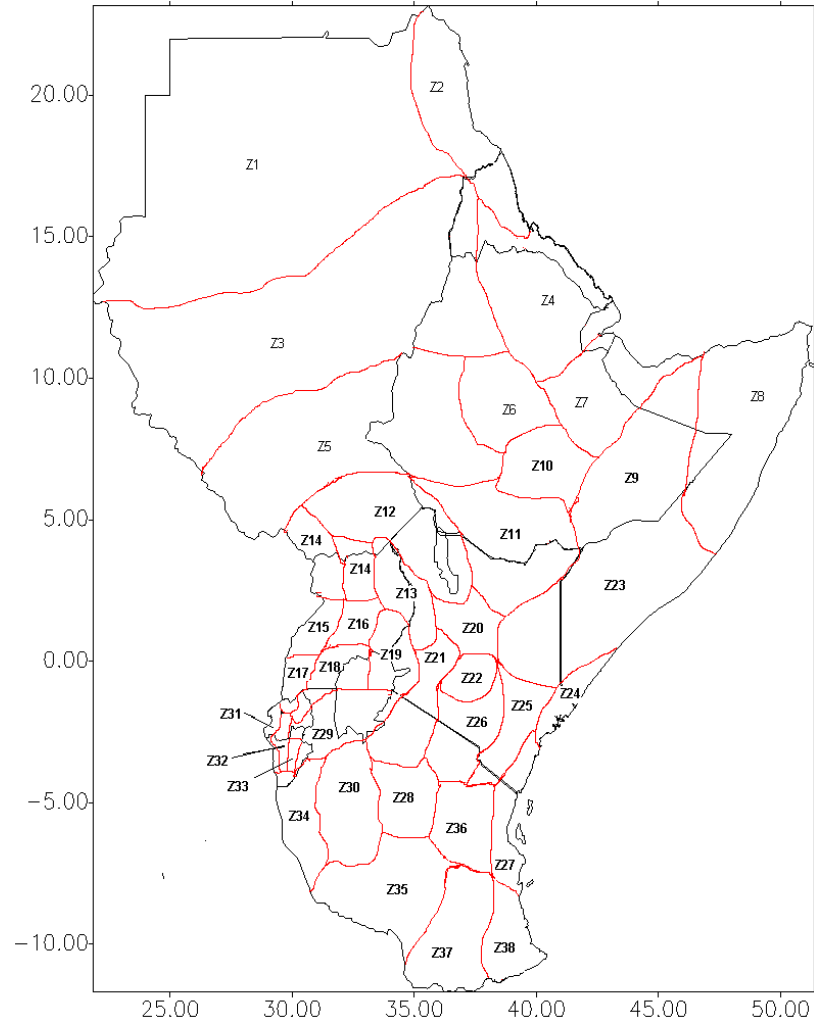
COF 35 Consensus Climate Outlook for SOND 2013



Observed rainfall anomalies during SOND 2013



CLIMATOLOGICAL ZONES



1. Hit rate

The analysis of COF 35 Climate Outlook and the observed SOND 2013 rainfall categories reveals that there were:

41 Hits and 53 Forecasts zones

Therefore,

$$\begin{aligned}\text{Hit Rate (H)} &= 41/53 \\ &= 0.764 \\ &= 76.4\% \text{ Hit Rate}\end{aligned}$$

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 35 therefore,

$$\text{HSS} = (76.4-50)/(100-50)$$

$$= 26.4/50 = 0.528$$

$$= 52.8\%$$