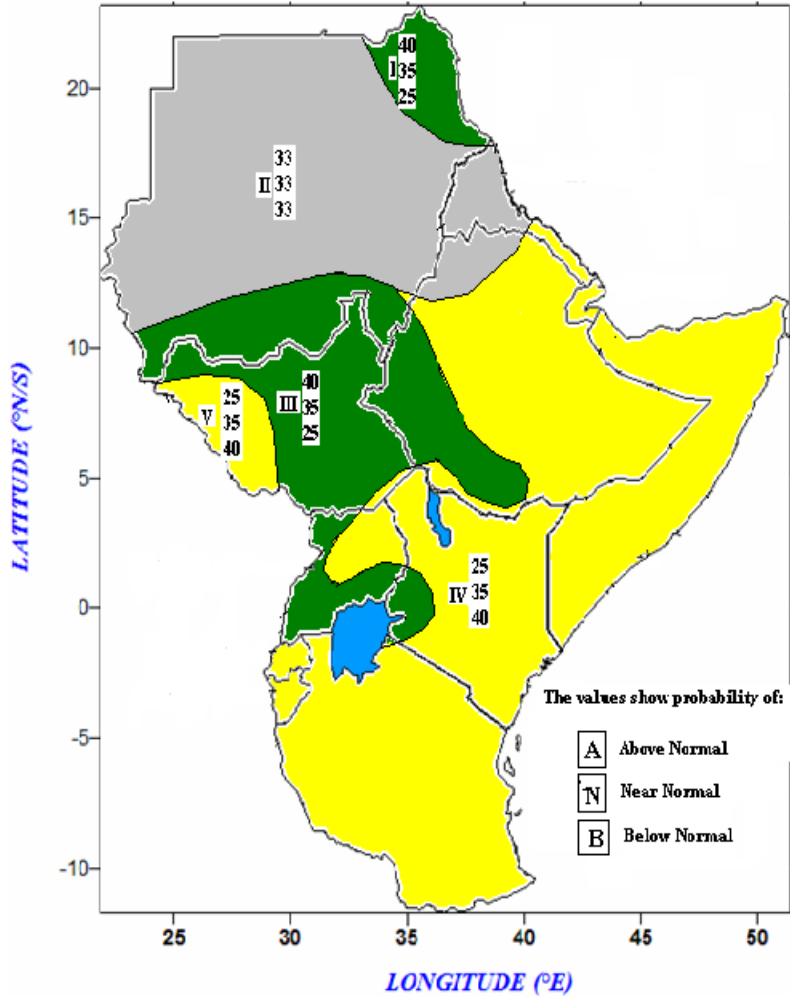




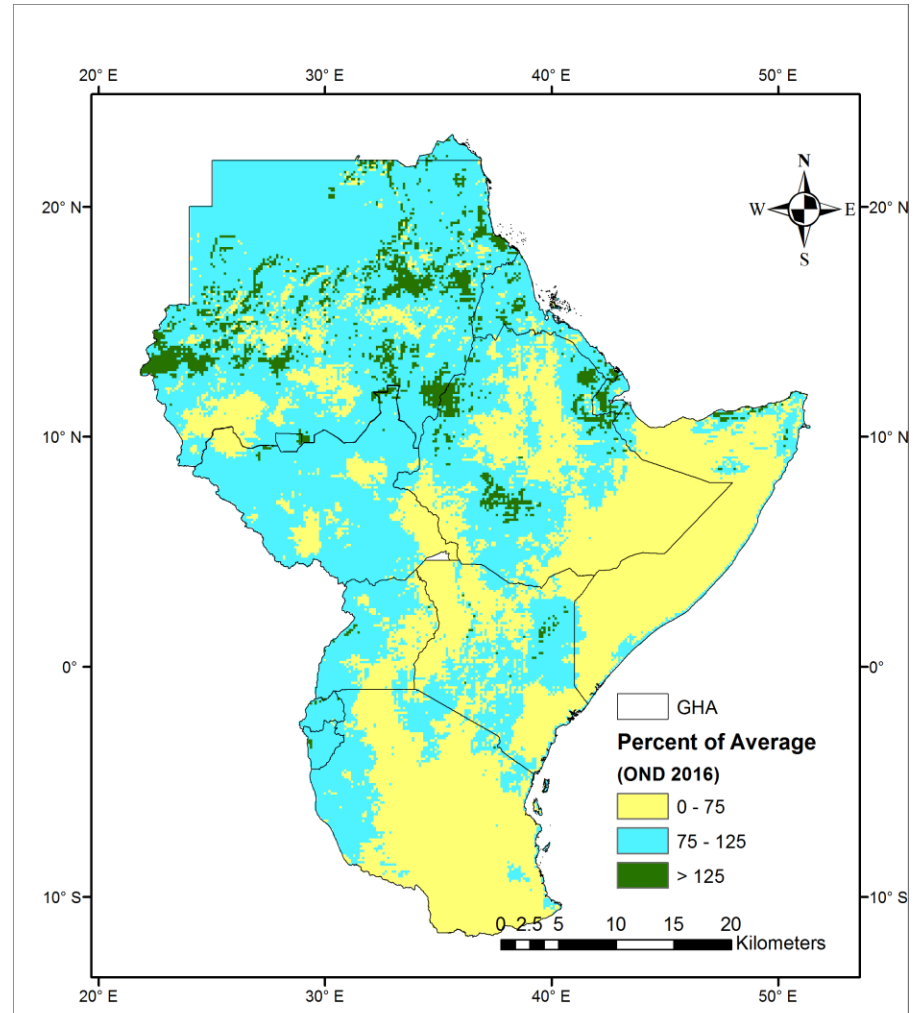
IGAD Climate Prediction and Applications Centre

Verification of COF 44 outlook

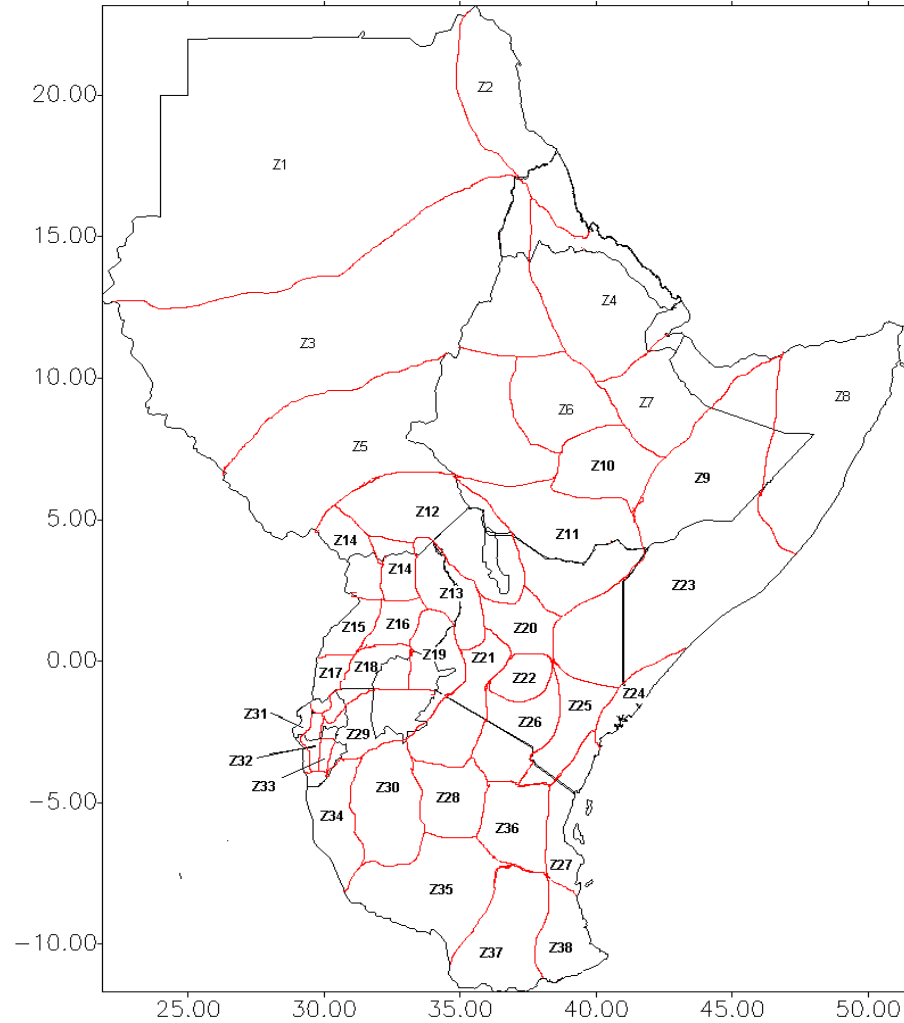
COF 44 Consensus Climate Outlook for OND 2016



Observed rainfall anomalies (percent of normal) during OND



CLIMATOLOGICAL ZONES



1. Hit rate

The analysis of COF 44 Climate Outlook and the observed OND 2016 rainfall categories reveals that there were:

37 Hits and 52 Forecasts zones

Therefore,

$$\begin{aligned}\text{Hit Rate (H)} &= 36.5/52 \\ &= 0.70 \\ &= 70\% \text{ Hit Rate}\end{aligned}$$

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 43 therefore,

$$\begin{aligned} \text{HSS} &= (70-50)/(100-50) \\ &= 20/50 = 0.40 \\ &= 40\% \end{aligned}$$