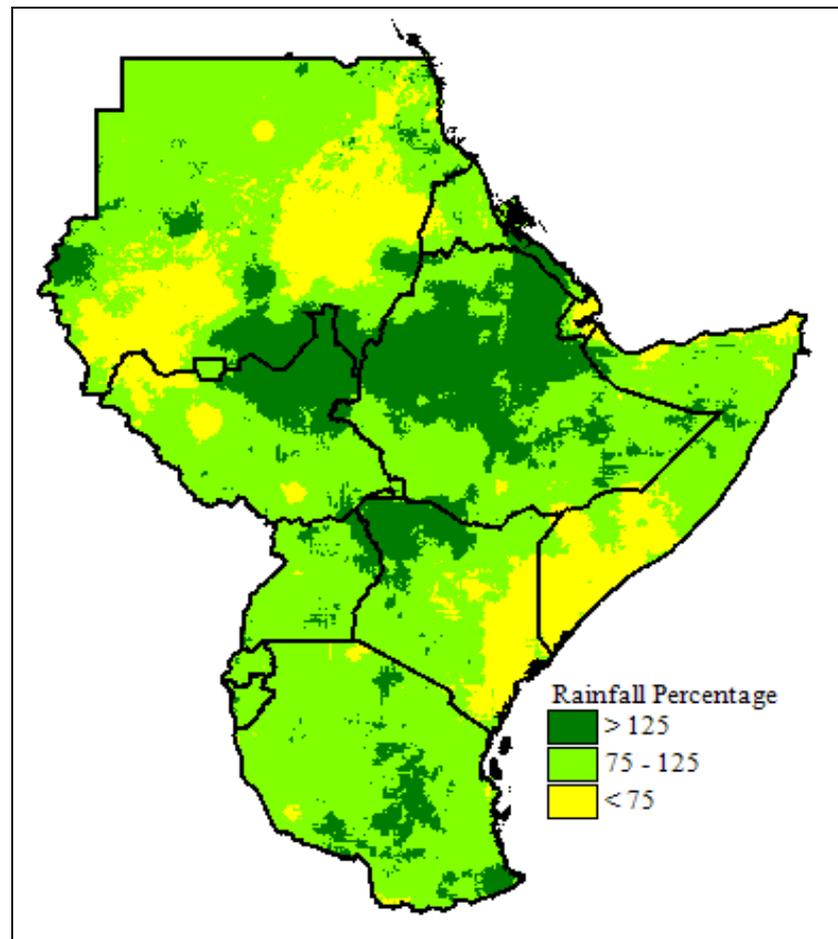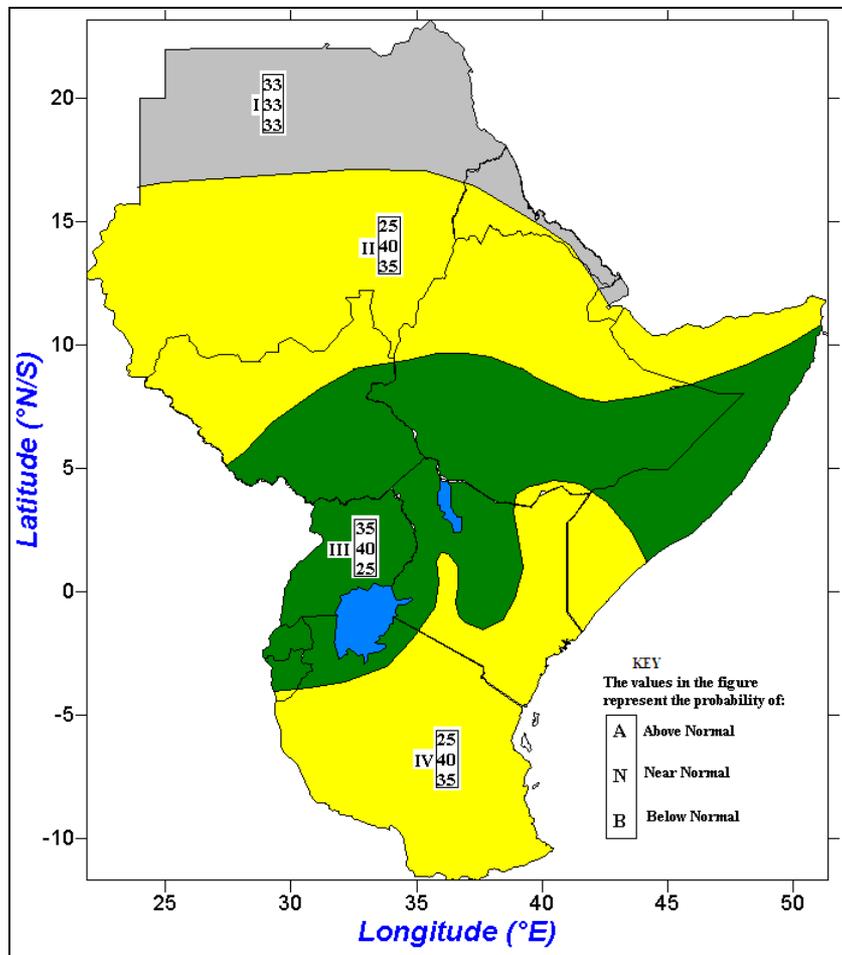**IGAD Climate Prediction and Applications Centre**
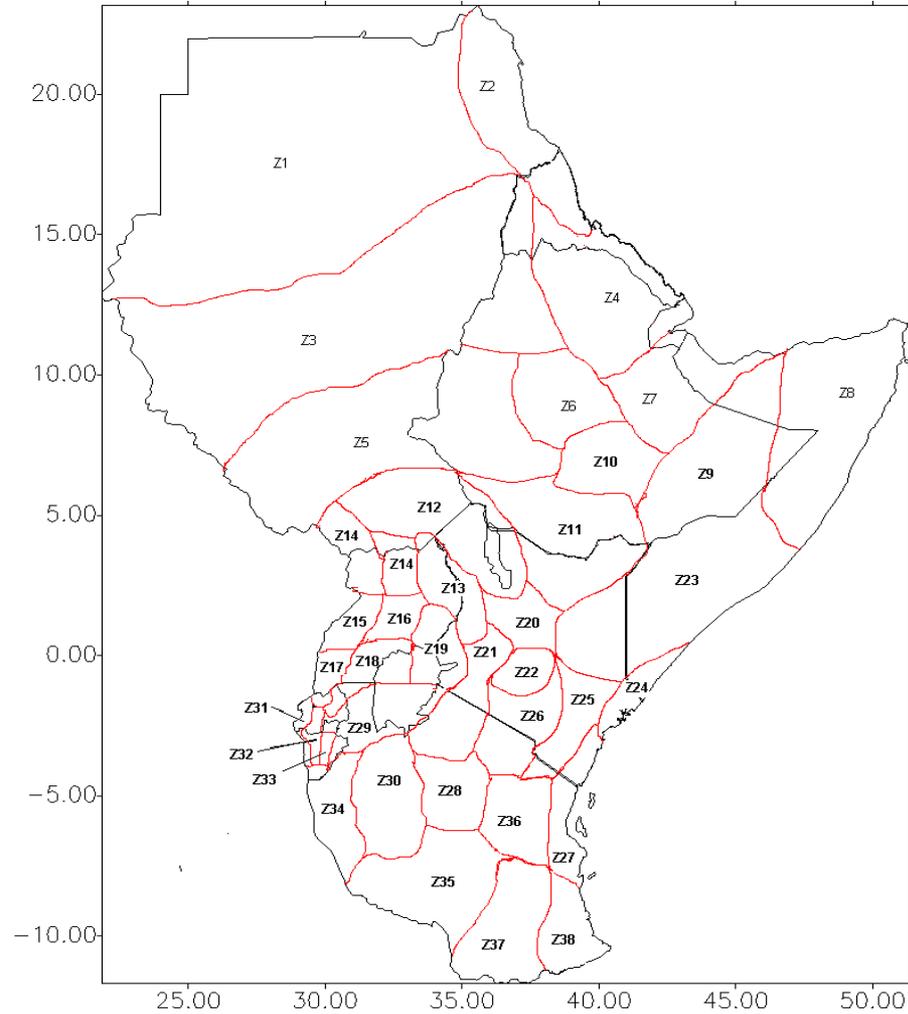
Verification of COF 42 outlook

COF 42 Consensus Climate Outlook for MAM 2016

MAM 2016 Rainfall (Blended CHIRPS)

CLIMATOLOGICAL ZONES

1. Hit rate

The analysis of COF 42 Climate Outlook and the observed MAM 2016 rainfall categories reveals that there were:

41 Hits and 53 Forecasts zones

Therefore,

Hit Rate (H) = 41/53

= 0.77

= 77% Hit Rate

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 42 therefore,

HSS = (77-50)/(100-50)

$$= 27/50 = 0.54$$

$$= 54\%$$