

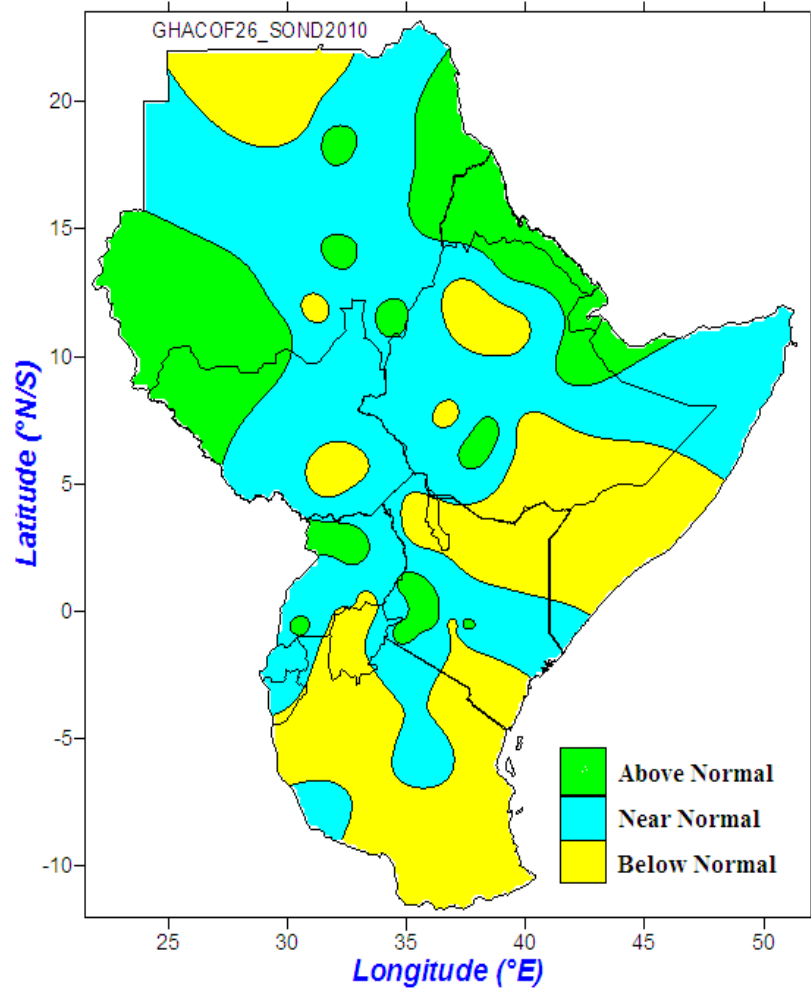
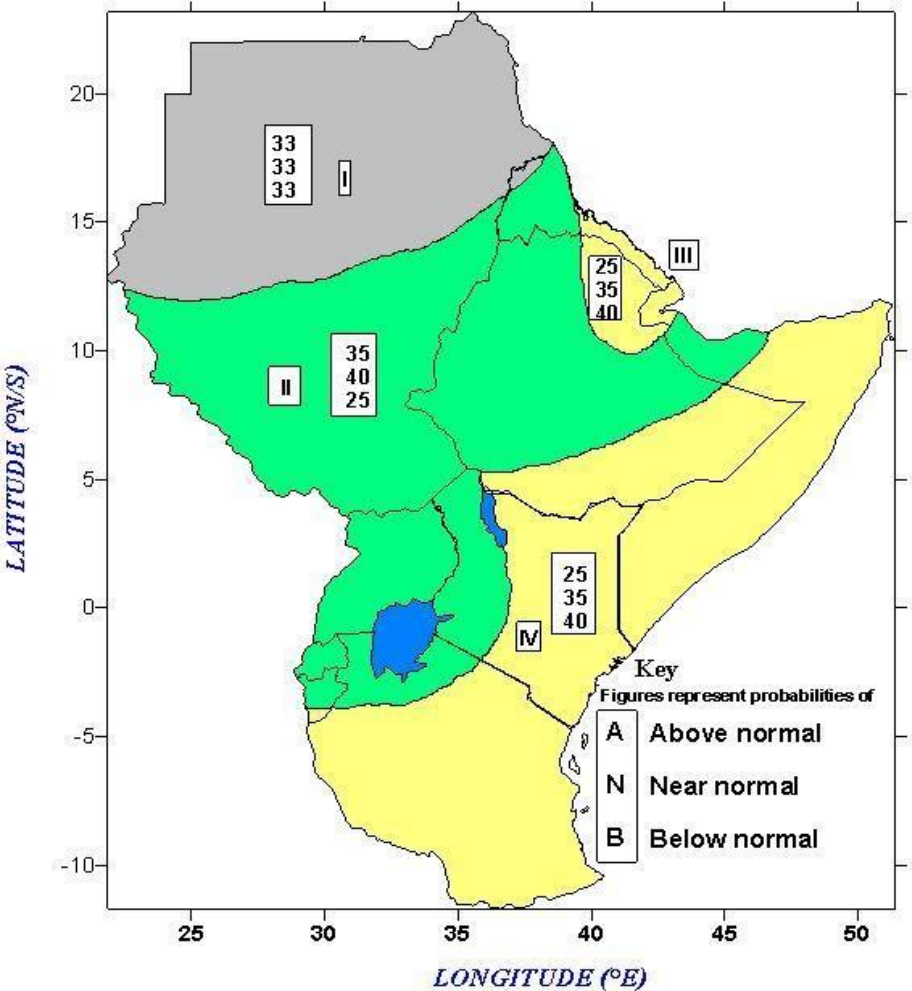


IGAD Climate Prediction and Applications Centre

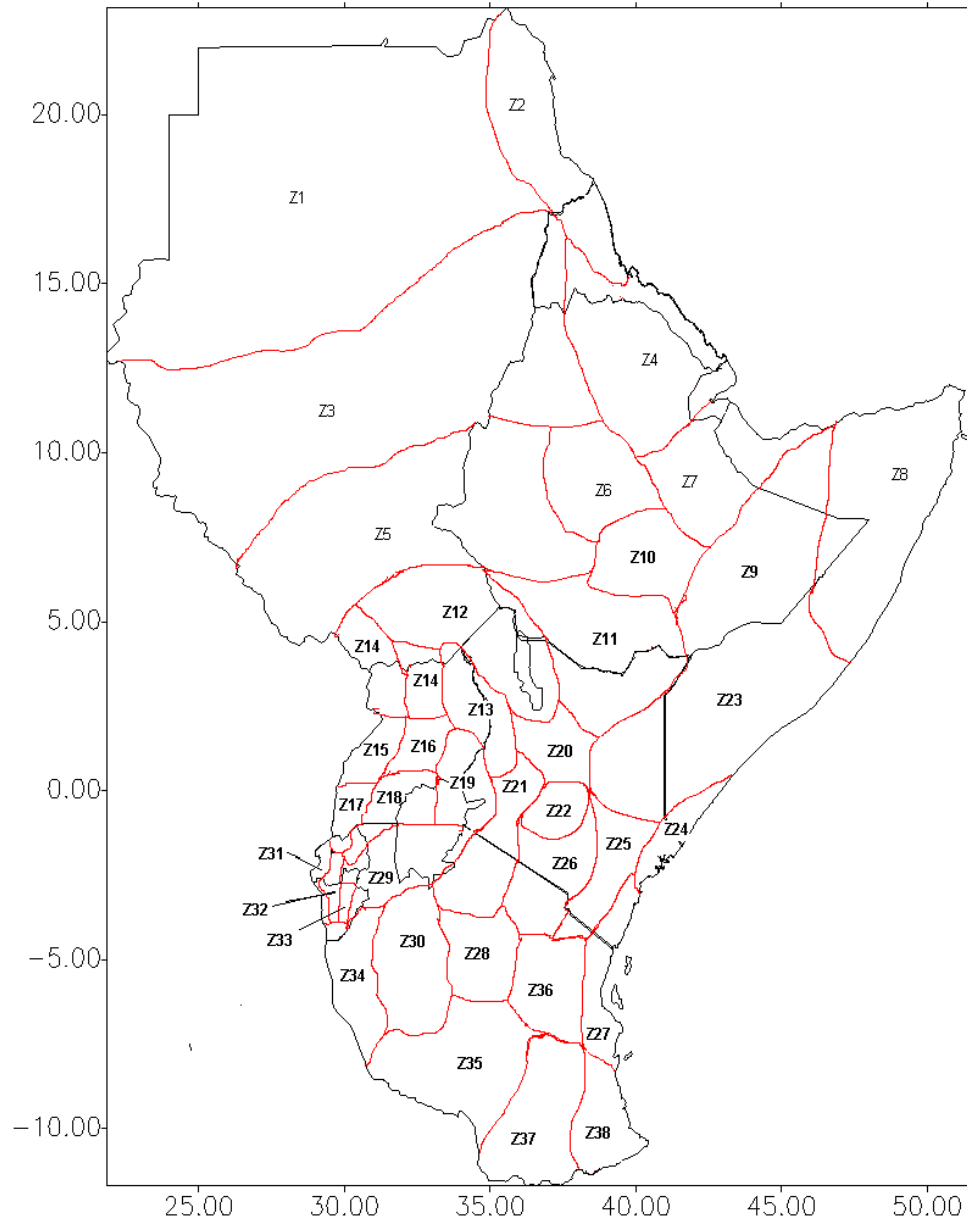
Verification of COF 26 outlook

COF 26 Consensus Climate Outlook for SOND 2010

Observed rainfall anomalies during SOND 2010



CLIMATOLOGICAL ZONES



1. Hit Rate

The analysis of COF 26 Climate Outlook and the observed SOND 2010 rainfall categories reveals that there were:

45 Hits and 60 Forecasts zones

Therefore,

$$\begin{aligned}\text{Hit Rate (H)} &= 45/60 \\ &= 0.75 \\ &= 75\% \text{ Hit Rate}\end{aligned}$$

2. Heidke Hit Skill Score

$$\text{Heidke Hit Skill Score} = (H-C)/(100-C)$$

Where H is the hit rate (%)

Usually C the chance hit rate = 33.3%

But with half hits C=50%

For COF 26 therefore,

$$\text{HSS} = (75-50)/(100-50)$$

$$= 25/50 = 0.5$$

$$= 50\%$$