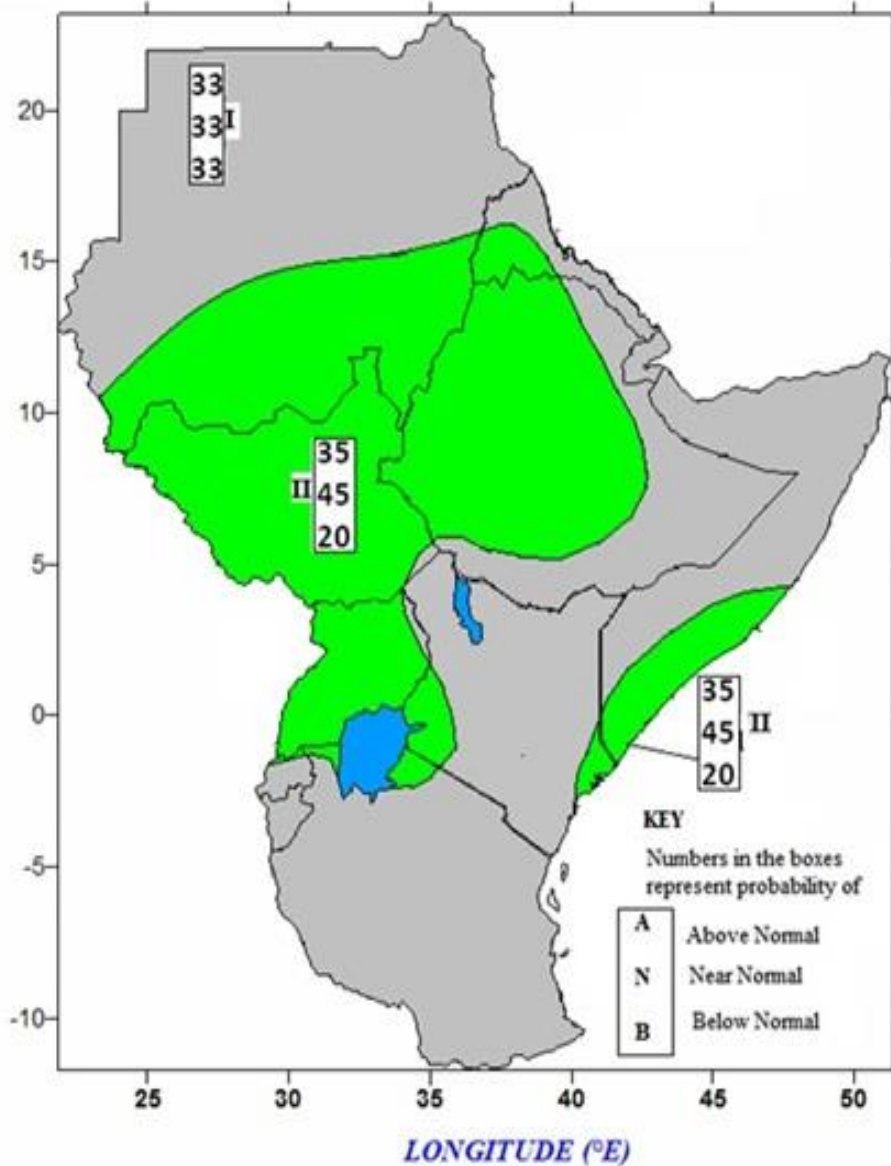




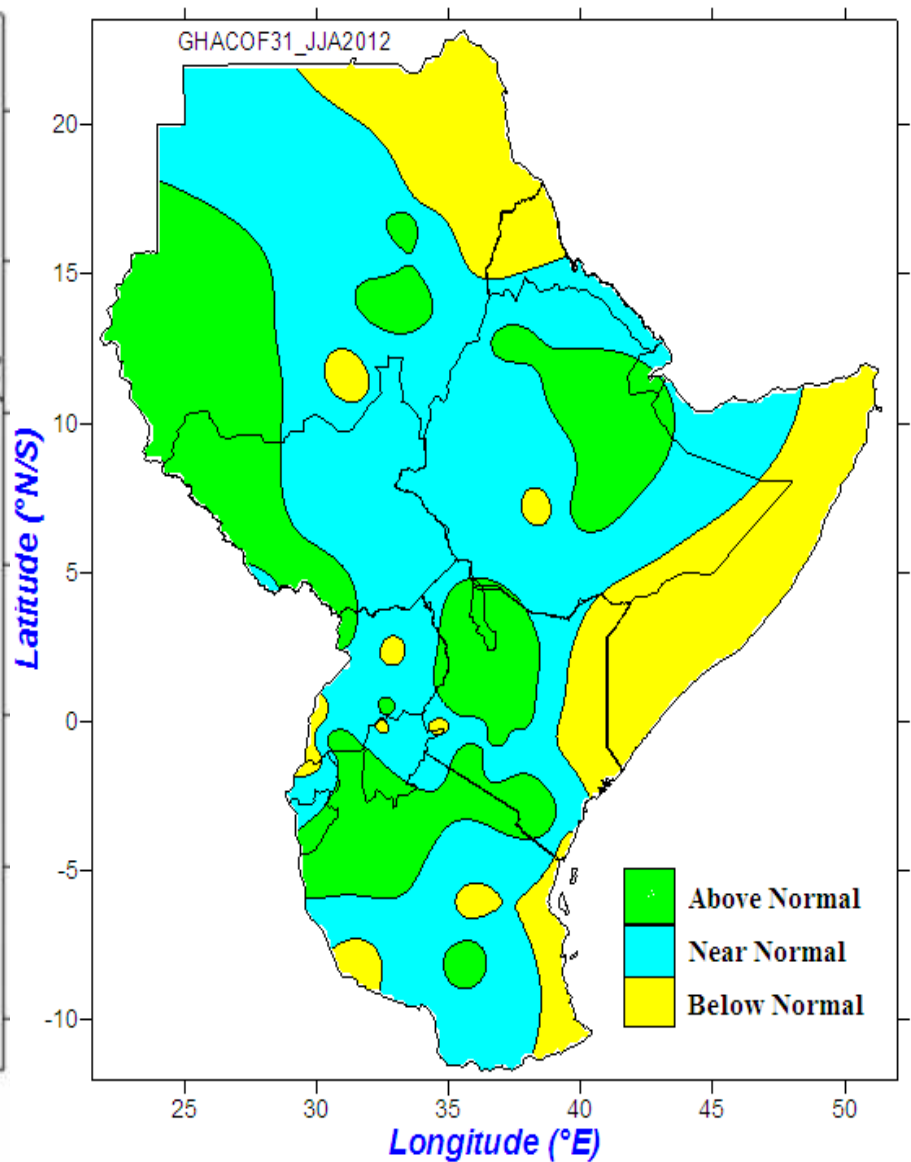
IGAD Climate Prediction and Applications Centre

Verification of COF 31 outlook

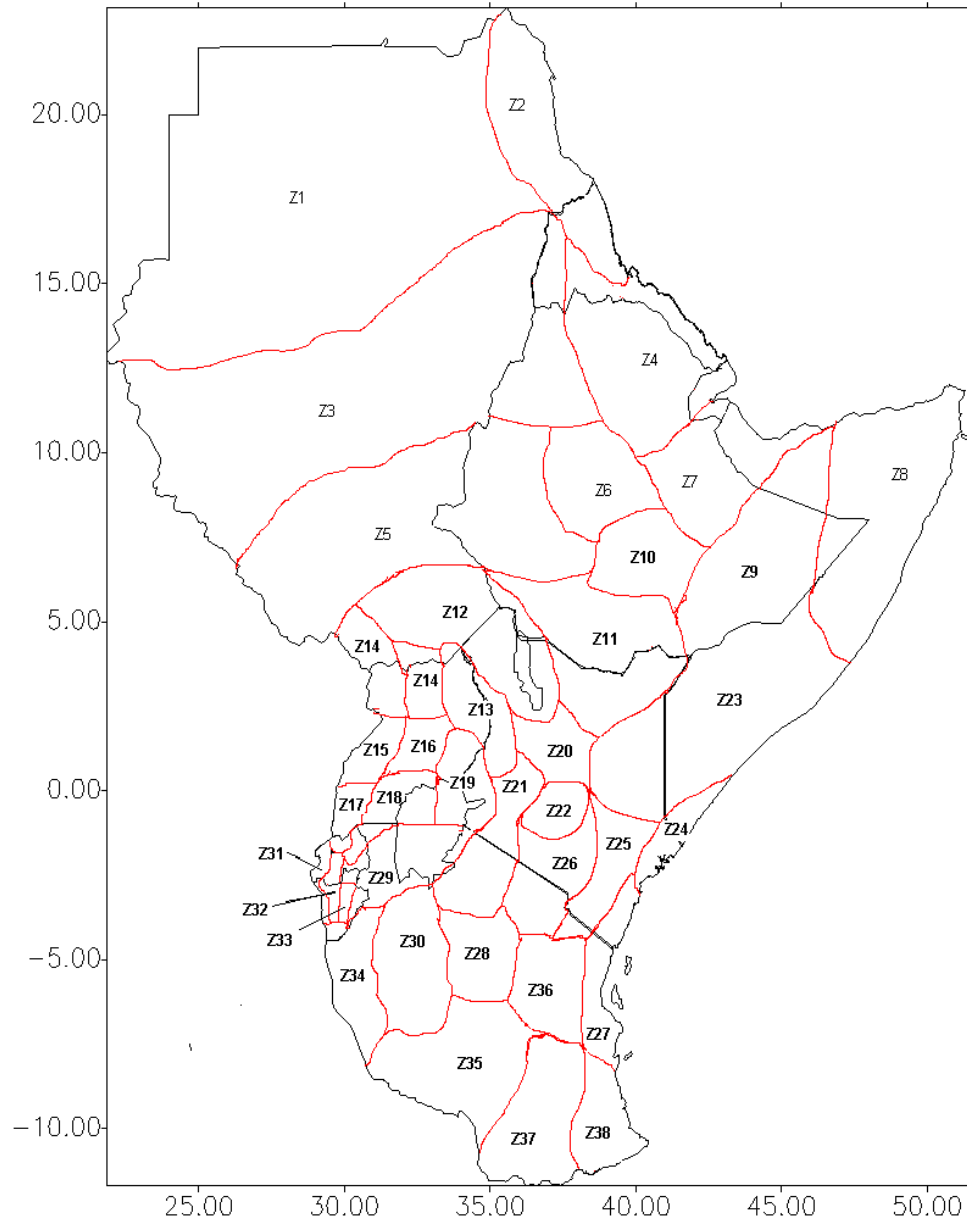
COF 31 Consensus Climate Outlook for June to August 2012



Observed rainfall anomalies during June to August 2012



CLIMATOLOGICAL ZONES



1. Hit Rate

The analysis of COF 31 Climate Outlook and the observed JJA 2012 rainfall categories reveals that there were:

33 Hits and 48 Forecasts zones

Therefore,

$$\begin{aligned}\text{Hit Rate (H)} &= 33/48 \\ &= 0.69 \\ &= 69\% \text{ Hit Rate}\end{aligned}$$

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 31 therefore,

$$\text{HSS} = (69-50)/(100-50)$$

$$= 19/50 = 0.38$$

$$= 38\%$$