

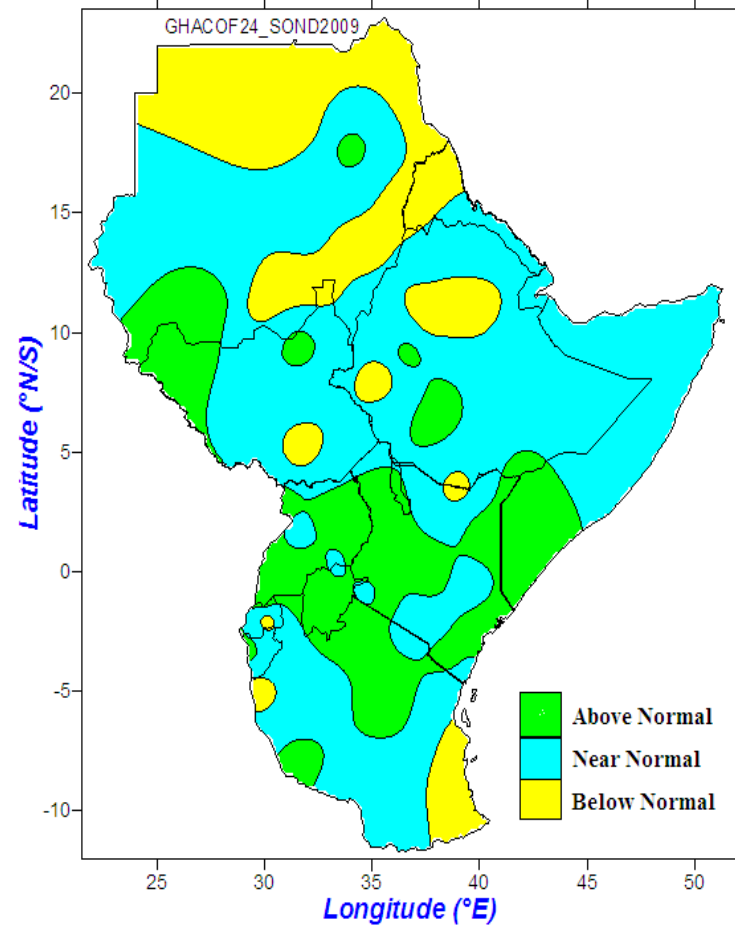
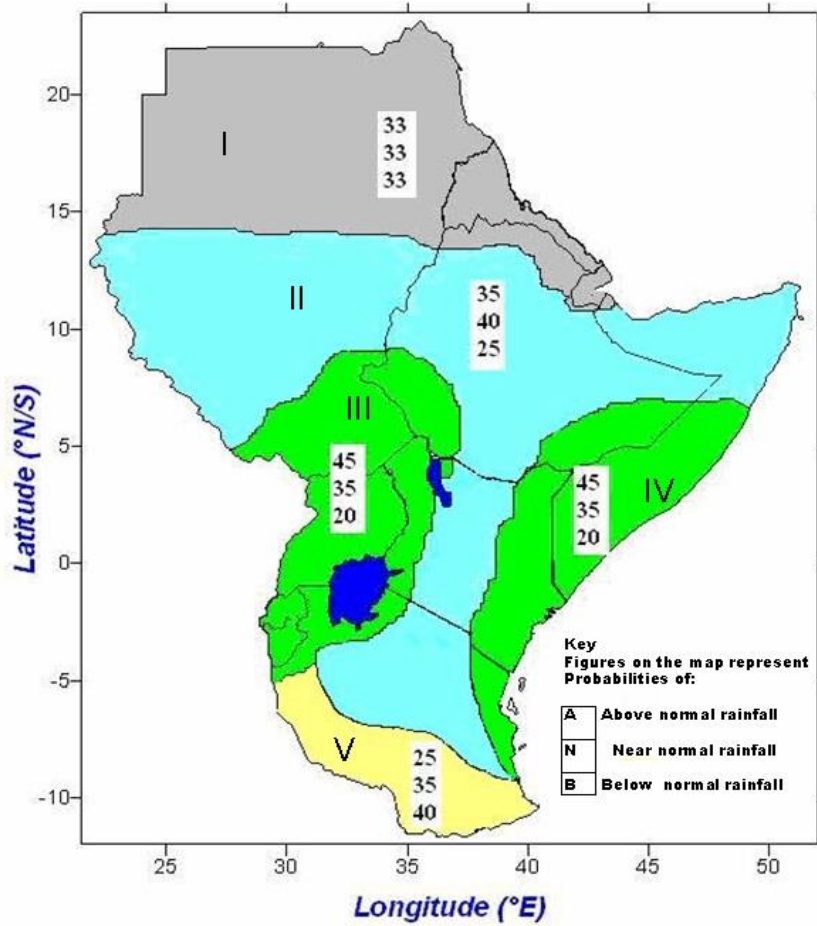


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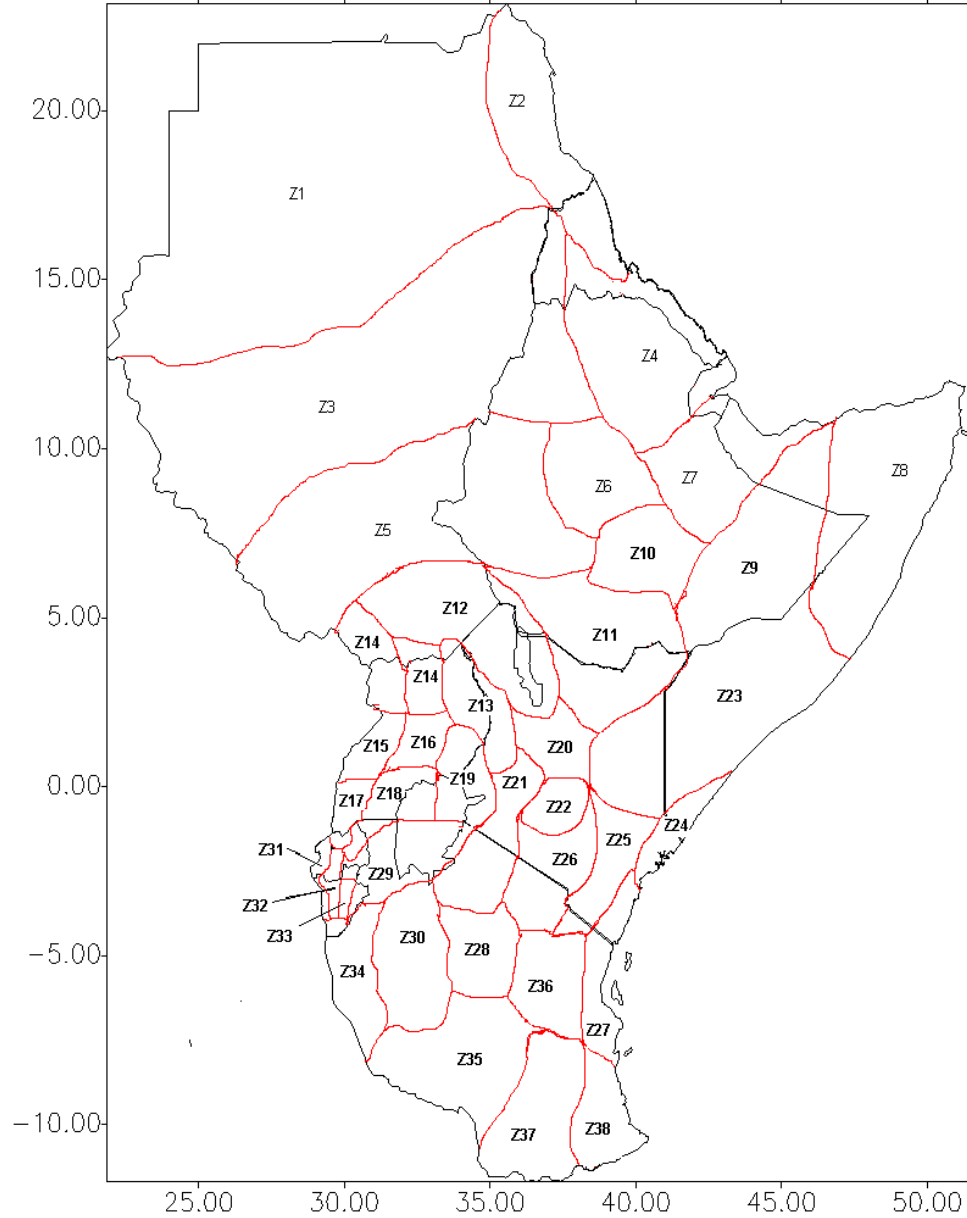
Verification of COF 24 outlook

COF 24 Consensus Climate Outlook for SOND 2009

Observed rainfall anomalies during SOND 2009



CLIMATOLOGICAL ZONES



1. Hit Rate

The analysis of COF 24 Climate Outlook and the observed MAM 2009 rainfall categories reveals that there were:

43 Hits and 59 Forecasts zones

Therefore,

$$\begin{aligned}\text{Hit Rate (H)} &= 43/59 \\ &= 0.73 \\ &= 73\% \text{ Hit Rate}\end{aligned}$$

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 24 therefore,

$$\text{HSS} = (73-50)/(100-50)$$

$$= 23/50 = 0.46$$

$$= 46\%$$