

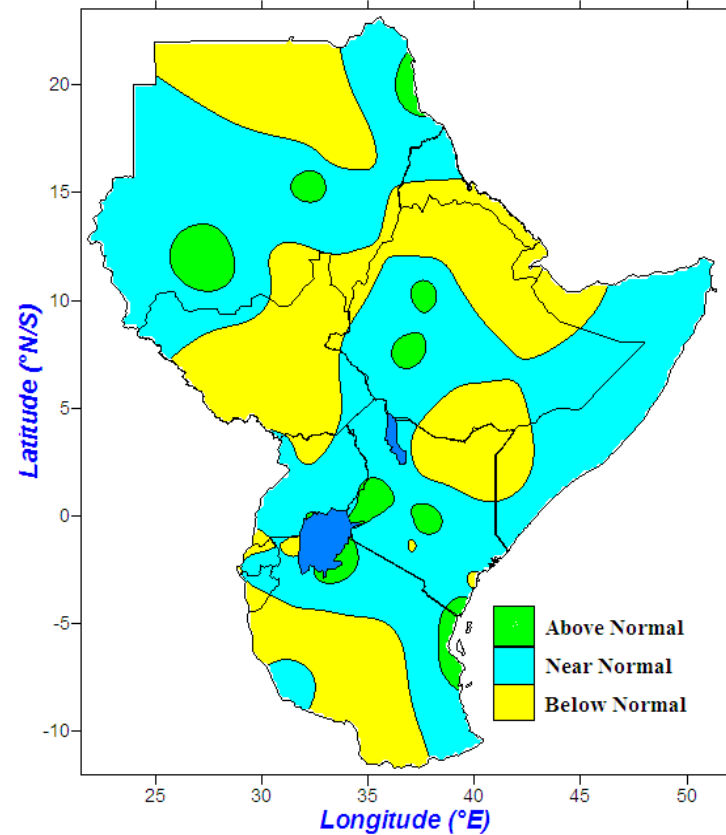
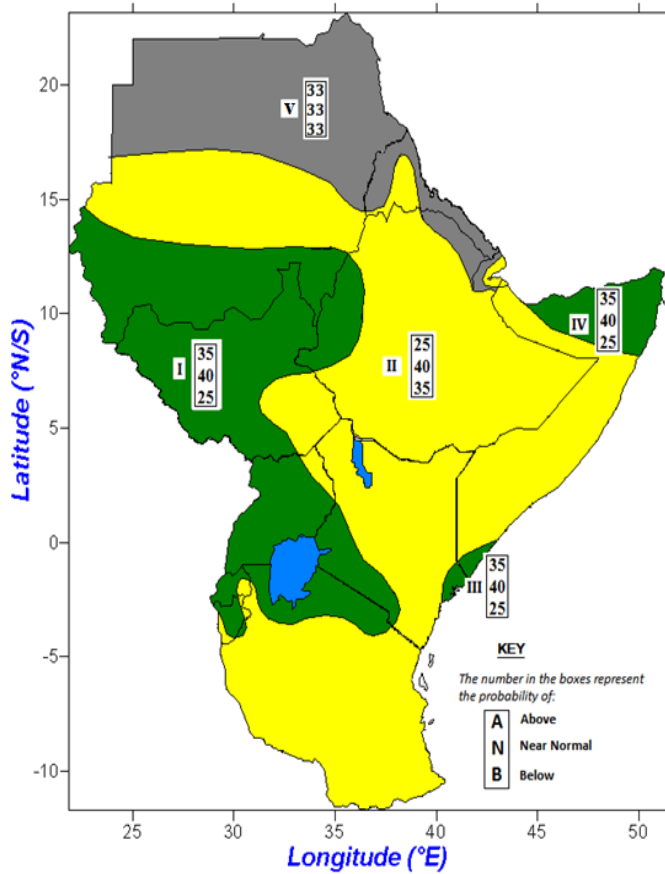


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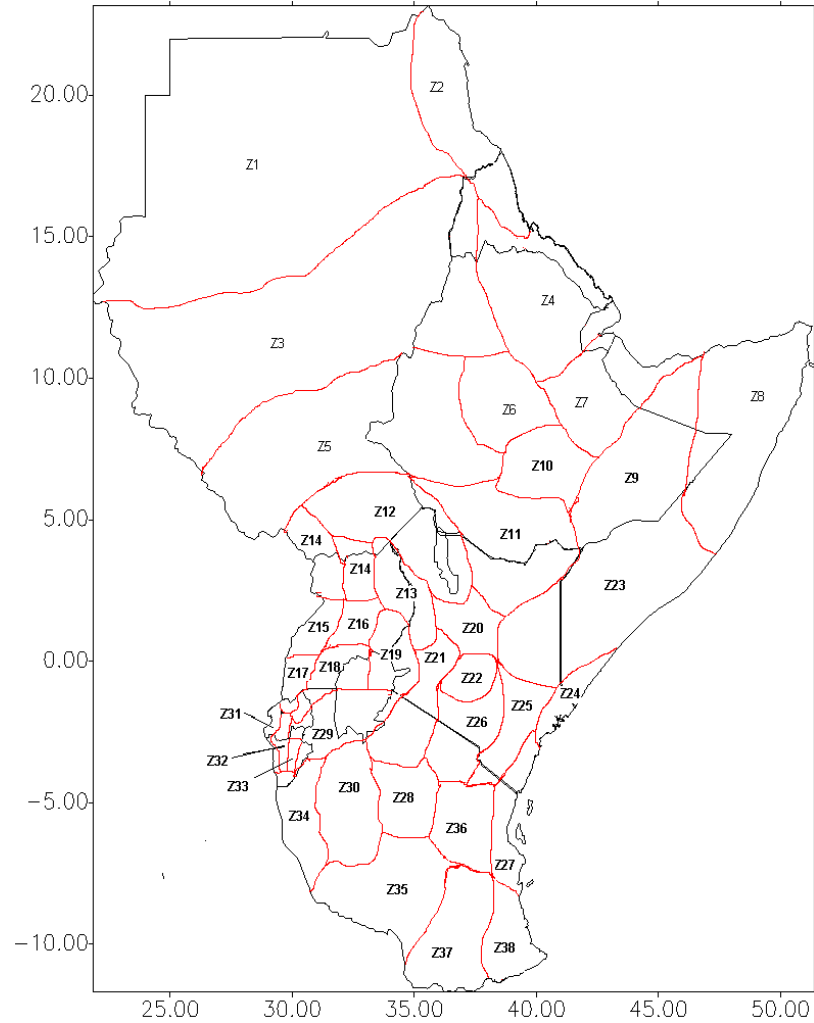
Verification of COF 39 outlook

COF 39 Consensus Climate Outlook for March to May 2015

Observed rainfall anomalies during March to May 2015



CLIMATOLOGICAL ZONES



1. Hit rate

The analysis of COF 39 Climate Outlook and the observed MAM 2015 rainfall categories reveals that there were:

38 Hits and 45 Forecasts zones

Therefore,

$$\begin{aligned}\text{Hit Rate (H)} &= 38/45 \\ &= 0.84 \\ &= 84\% \text{ Hit Rate}\end{aligned}$$

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 39 therefore,

$$\text{HSS} = (84-50)/(100-50)$$

$$= 34/50 = 0.69$$

$$= 68\%$$