

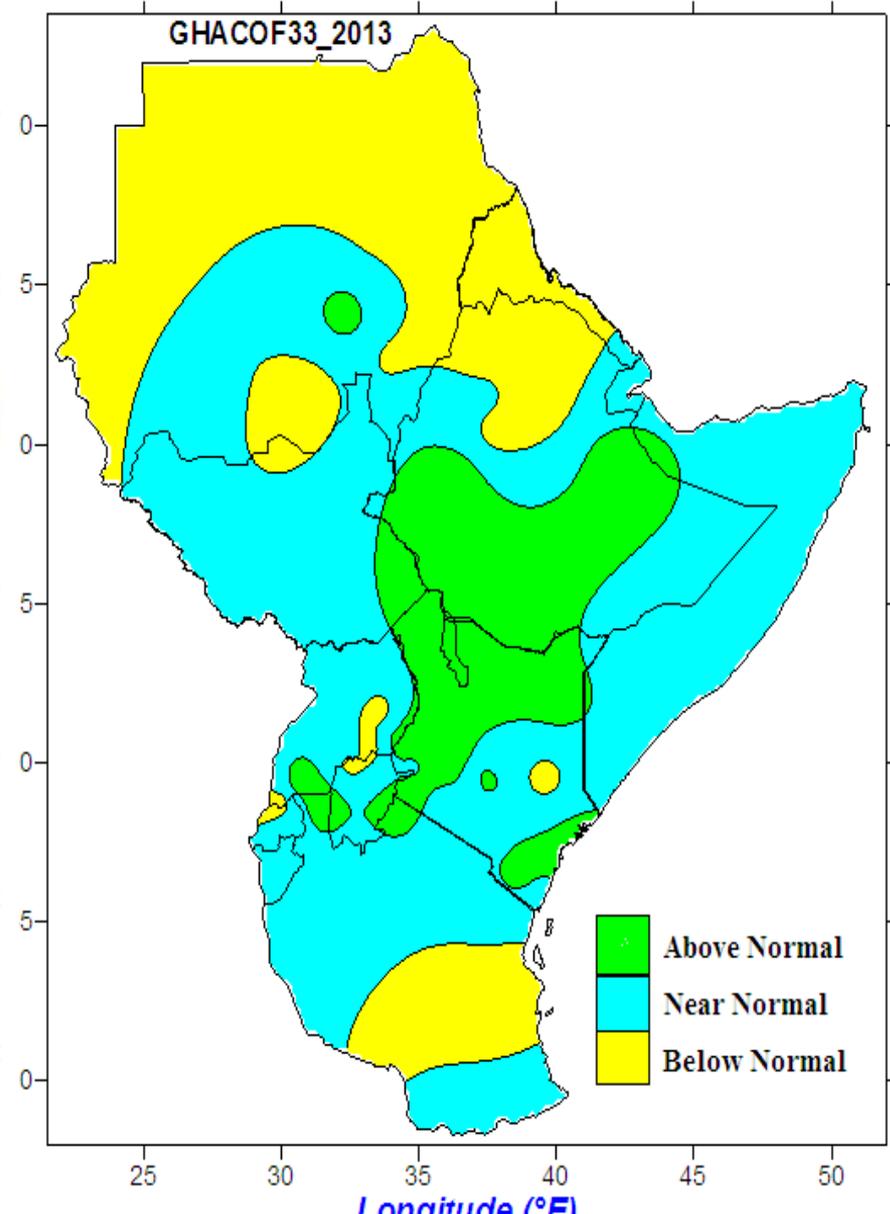
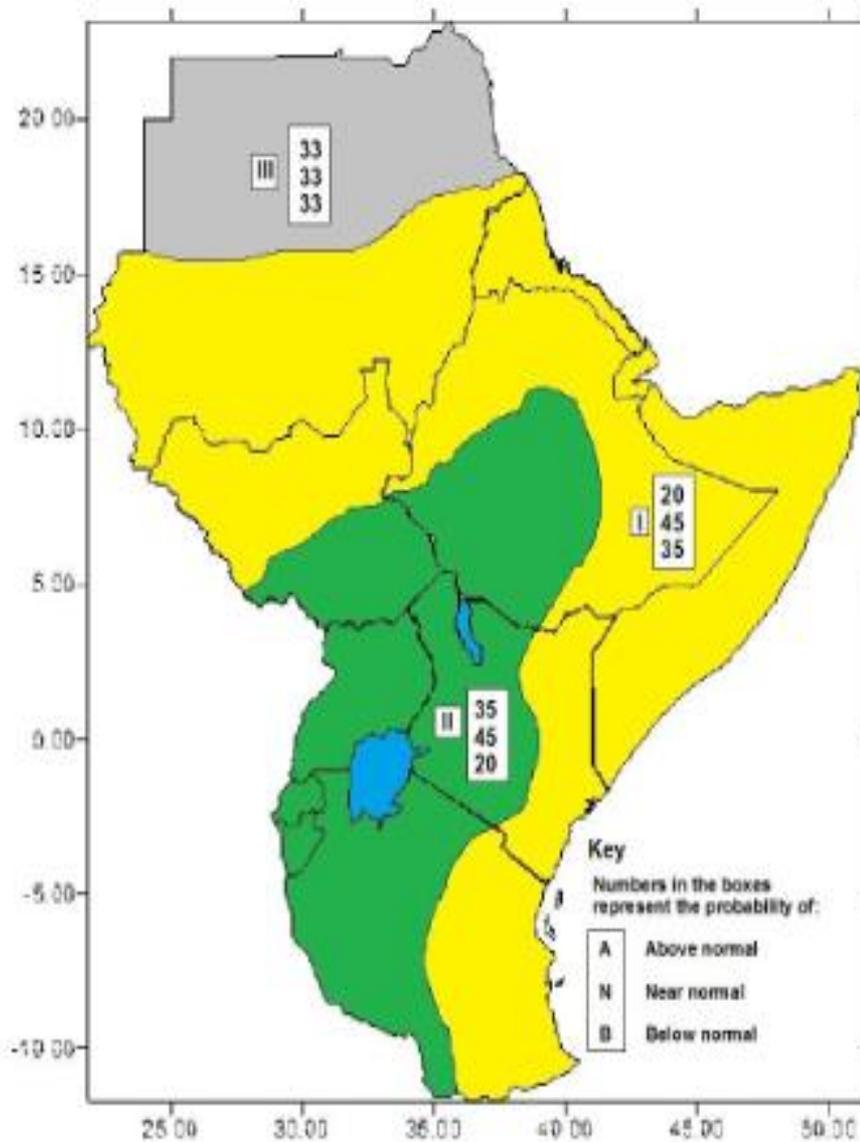


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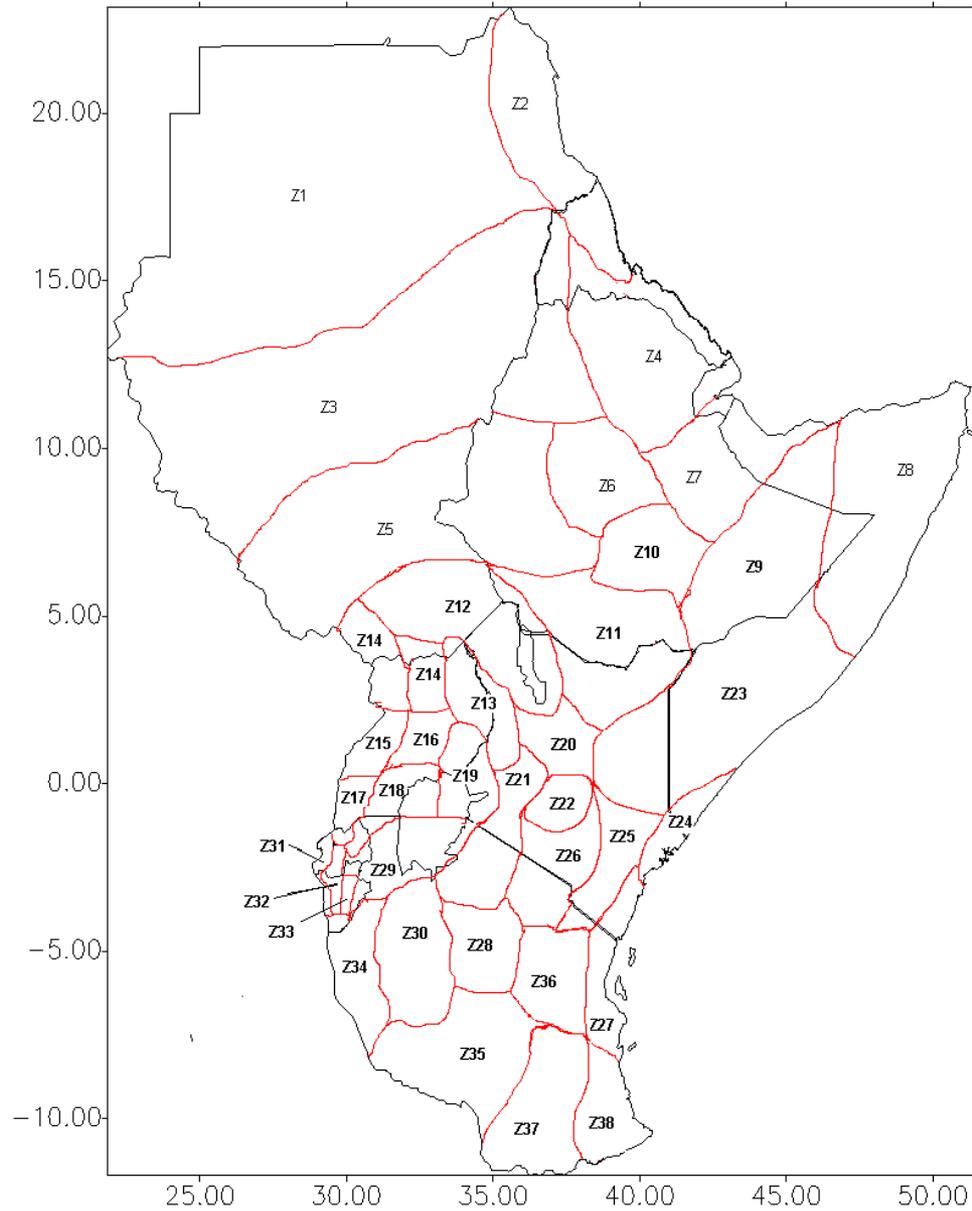
Verification of COF 33 outlook

COF 33 Consensus Climate Outlook for March to May 2013

Observed rainfall anomalies during March to May 2013



CLIMATOLOGICAL ZONES



1. Hit Rate

The analysis of COF 33 Climate Outlook and the observed MAM 2013 rainfall categories reveals that there were:

46 Hits and 63 Forecasts zones

Therefore,

$$\text{Hit Rate (H)} = 46/63$$

$$= 0.73$$

$$= 73\% \text{ Hit Rate}$$

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 33 therefore,

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

$$= 23/50 = 0.46$$

$$= 46\%$$