

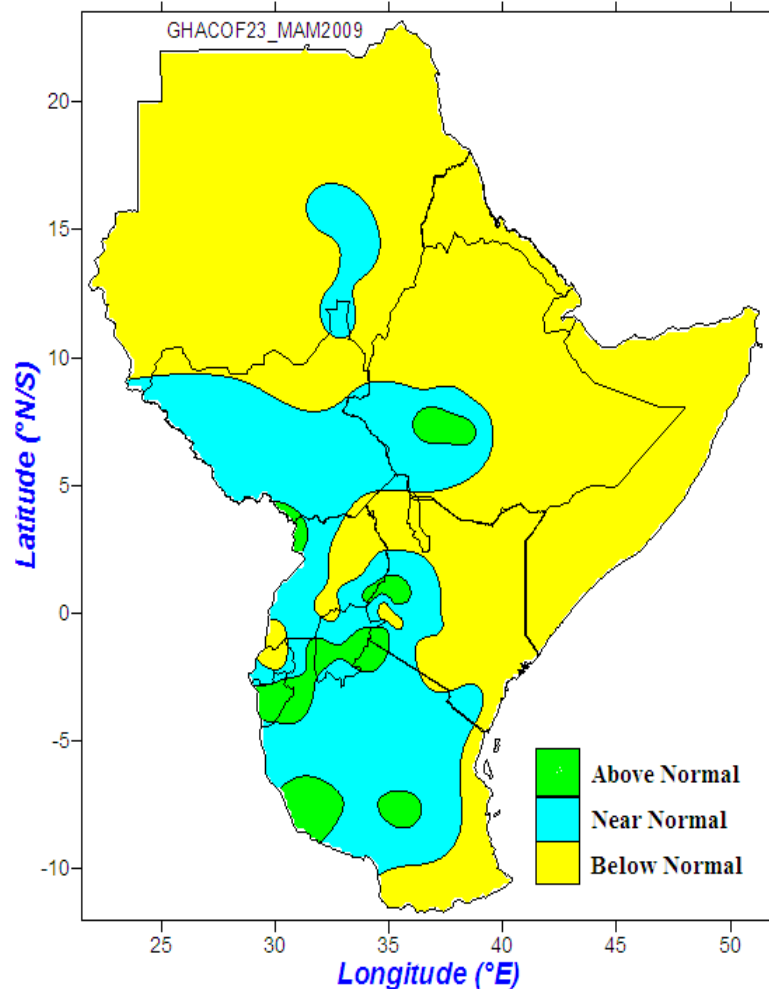
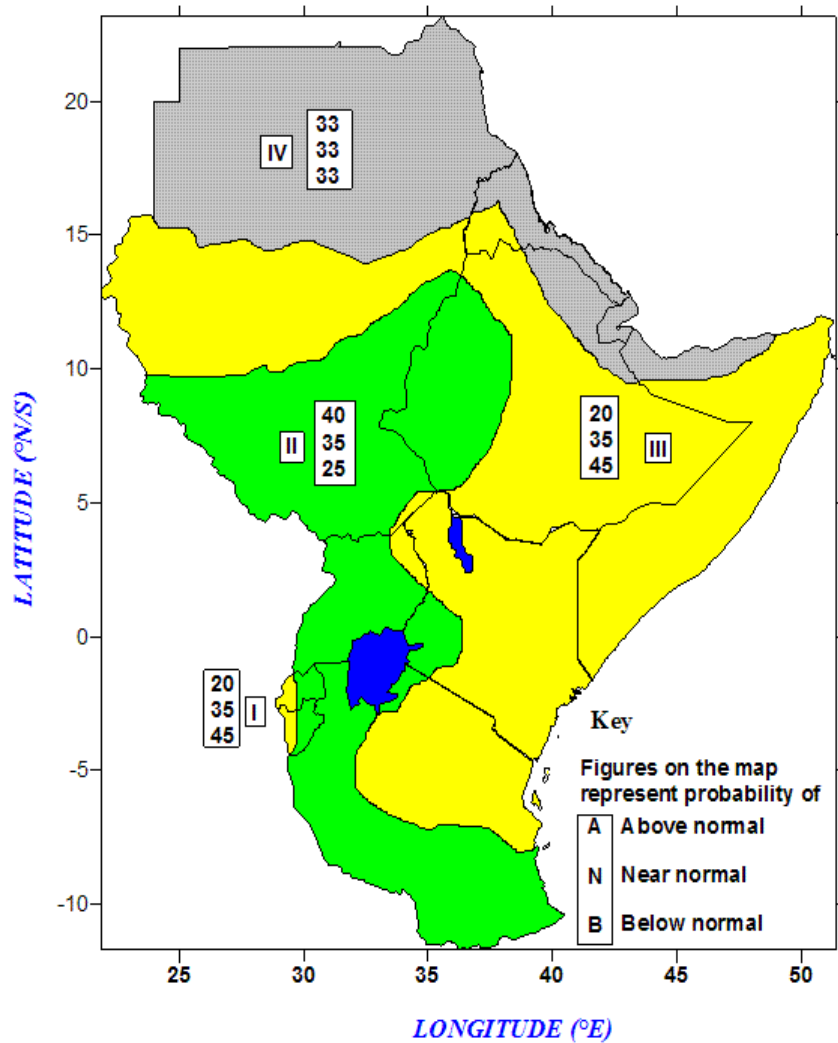


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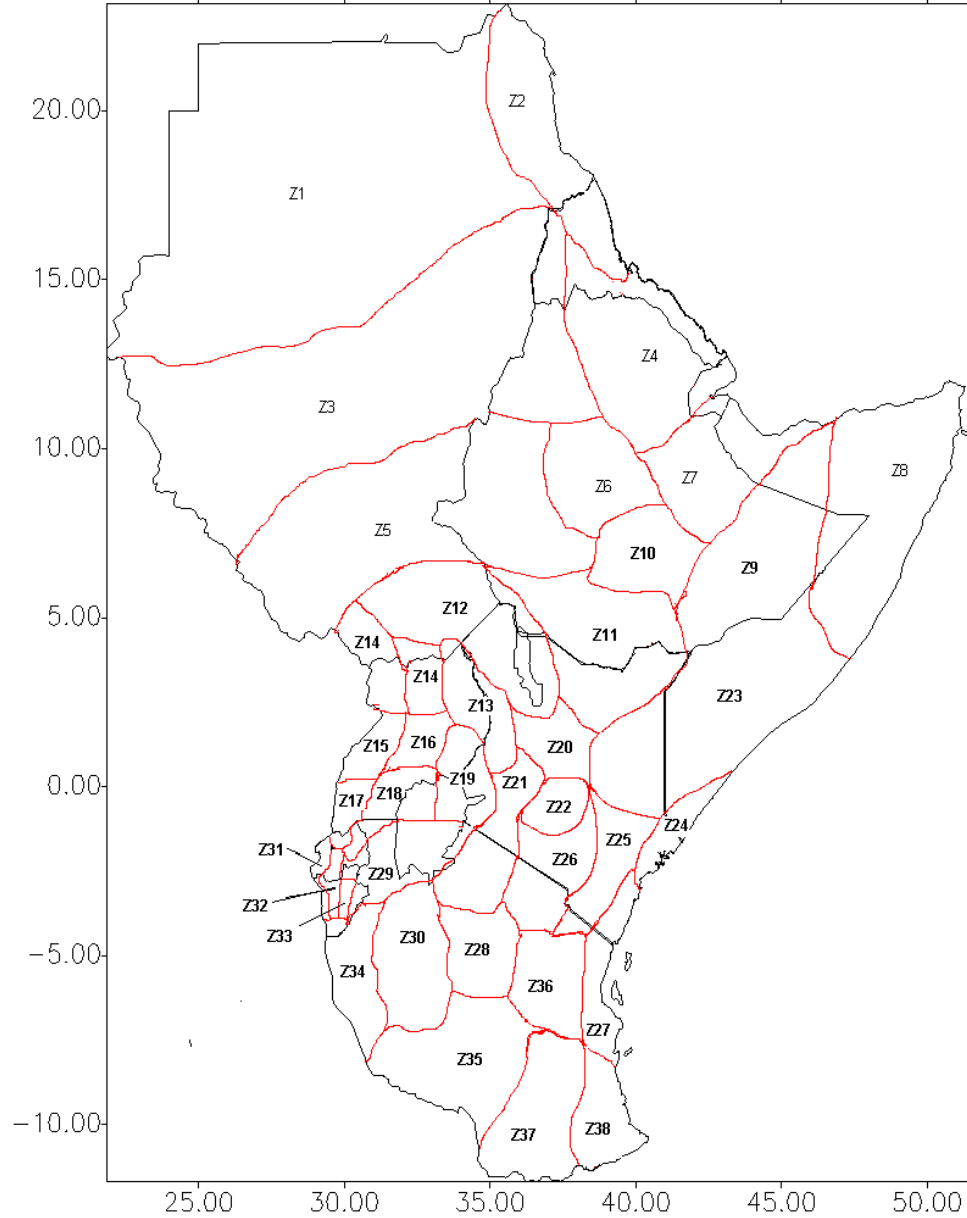
Verification of COF 23 outlook

COF 23 Consensus Climate Outlook for March to May 2009

Observed rainfall anomalies during March to May 2009



CLIMATOLOGICAL ZONES



1. Hit Rate

The analysis of COF 23 Climate Outlook and the observed MAM 2009 rainfall categories reveals that there were:

33 Hits and 52 Forecasts zones

Therefore,

$$\text{Hit Rate (H)} = 33/52$$

$$= 0.63$$

$$= 63\% \text{ Hit Rate}$$

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 23 therefore,

$$\text{HSS} = (63-50)/(100-50)$$

$$= 13/50 = 0.26$$

$$= 26\%$$