

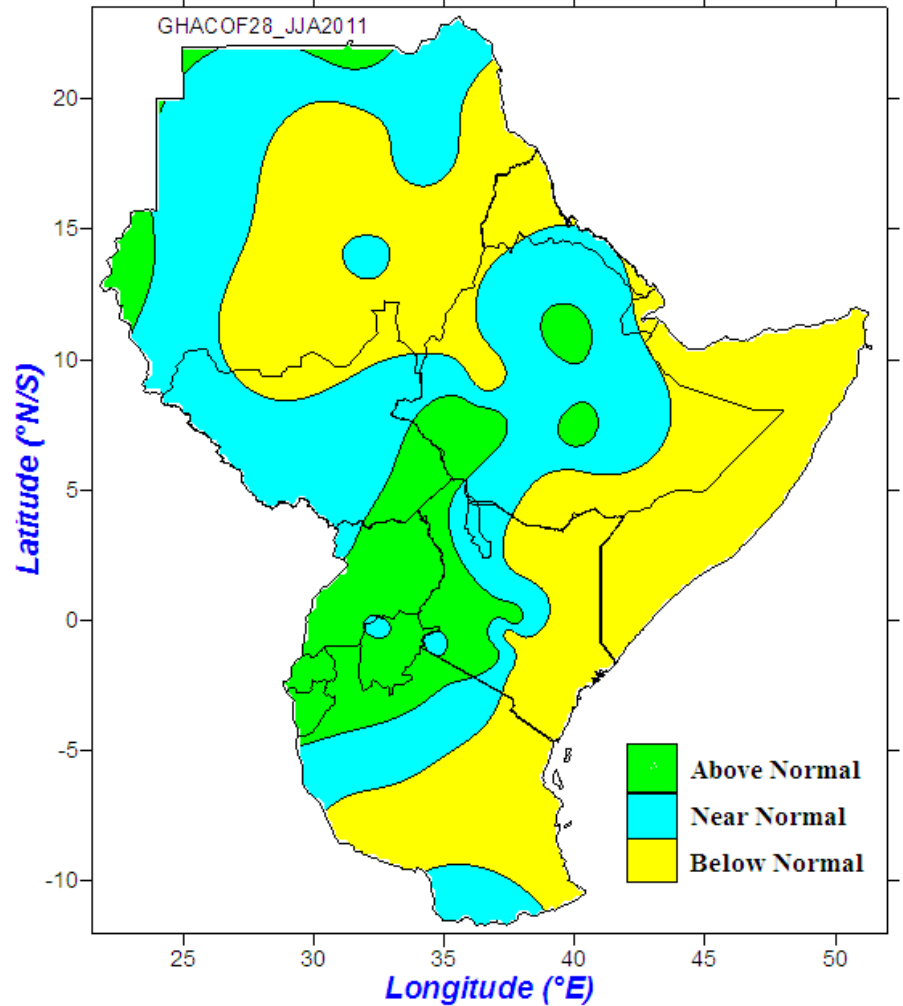
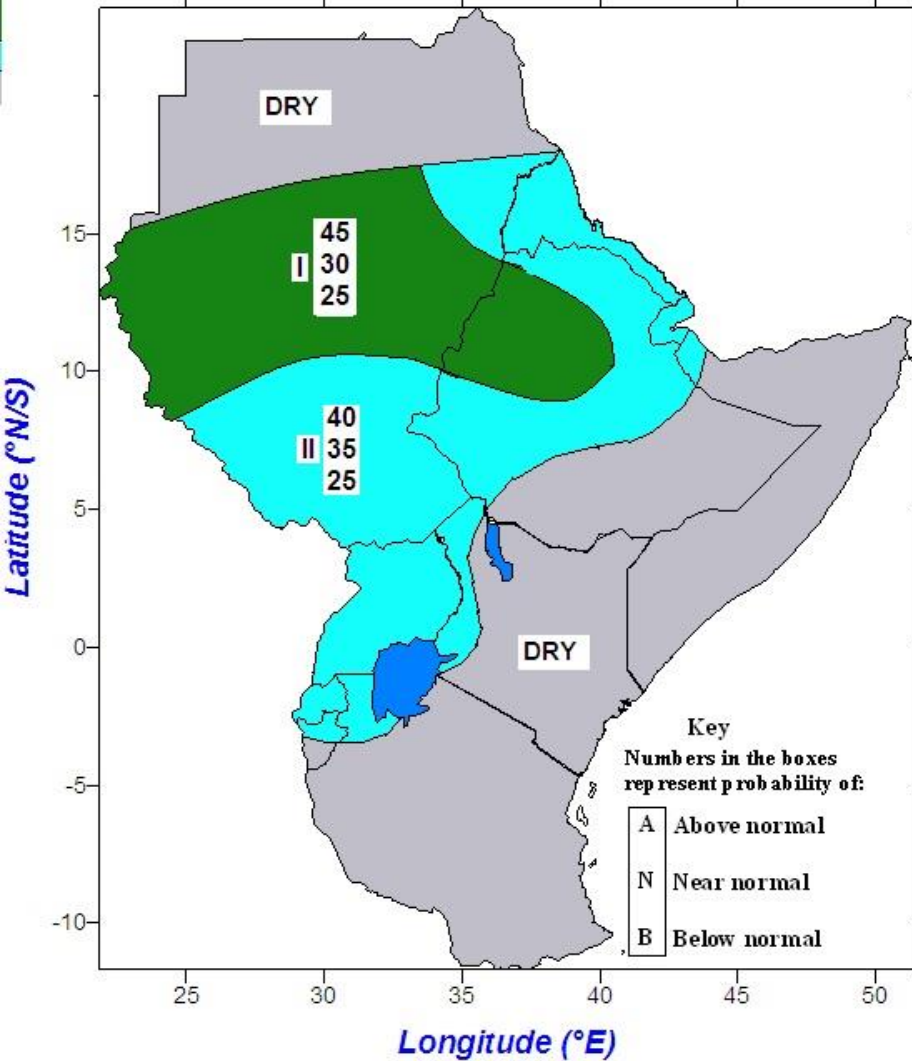


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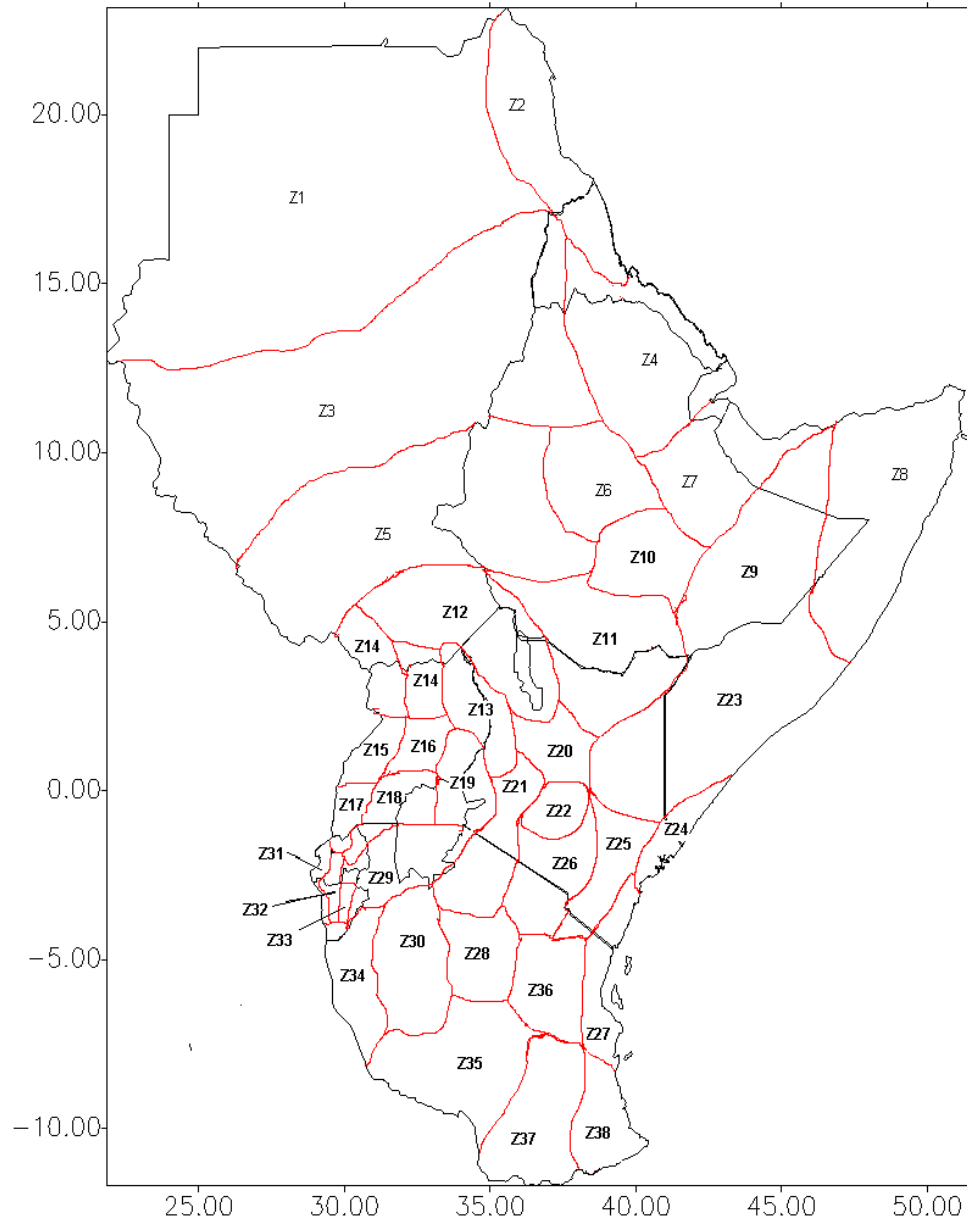
Verification of COF 28 outlook

COF 28 Consensus Climate Outlook for June – August 2011

Observed rainfall anomalies during June – August 2011



CLIMATOLOGICAL ZONES



1. Hit rate

The analysis of COF 28 Climate Outlook and the observed JJA 2011 rainfall categories reveals that there were:

15 Hits and 21 Forecasts zones

Therefore,

$$\begin{aligned}\text{Hit Rate (H)} &= 15/21 \\ &= 0.71 \\ &= 71\% \text{ Hit Rate}\end{aligned}$$

2. Heidke Skill Scores

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 28 therefore,

$$\begin{aligned} \text{HSS} &= (71-50)/(100-50) \\ &= 21/50 = 0.42 \\ &= 42\% \end{aligned}$$