

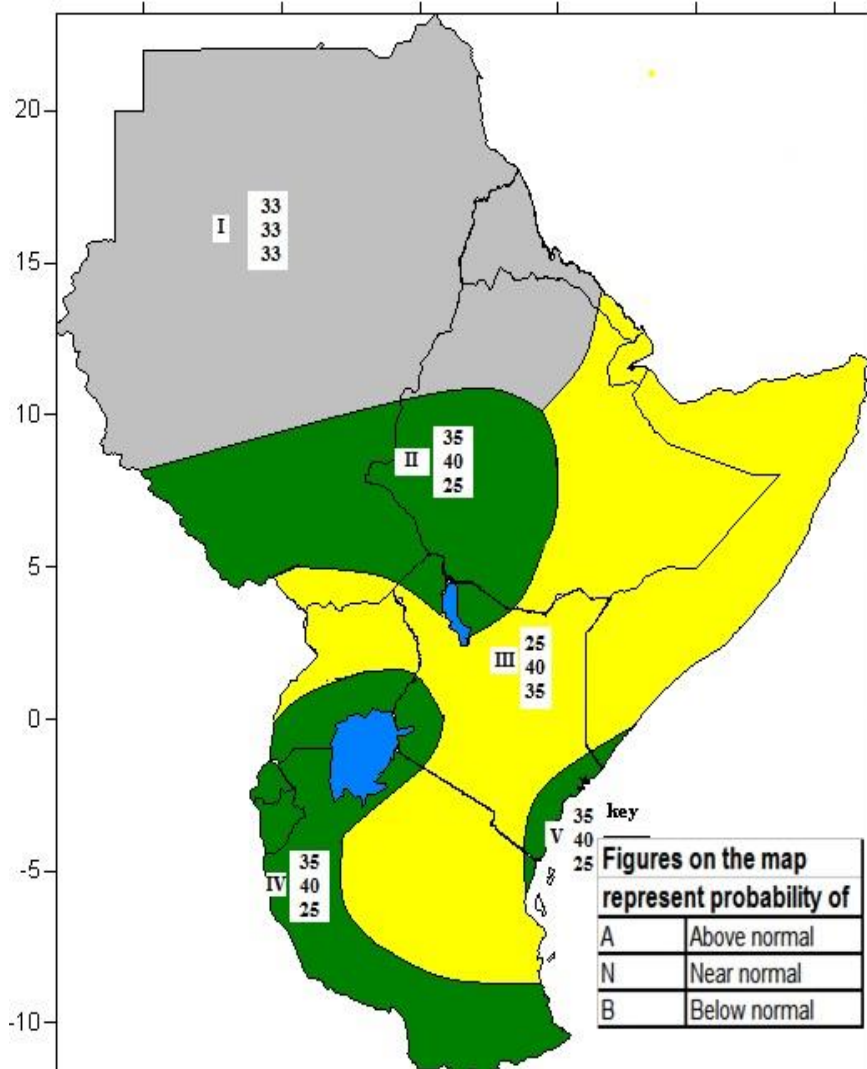


IGAD Climate Prediction and Applications Centre

Verification of COF 27 outlook

COF 27 Consensus Climate Outlook for March to May 2011

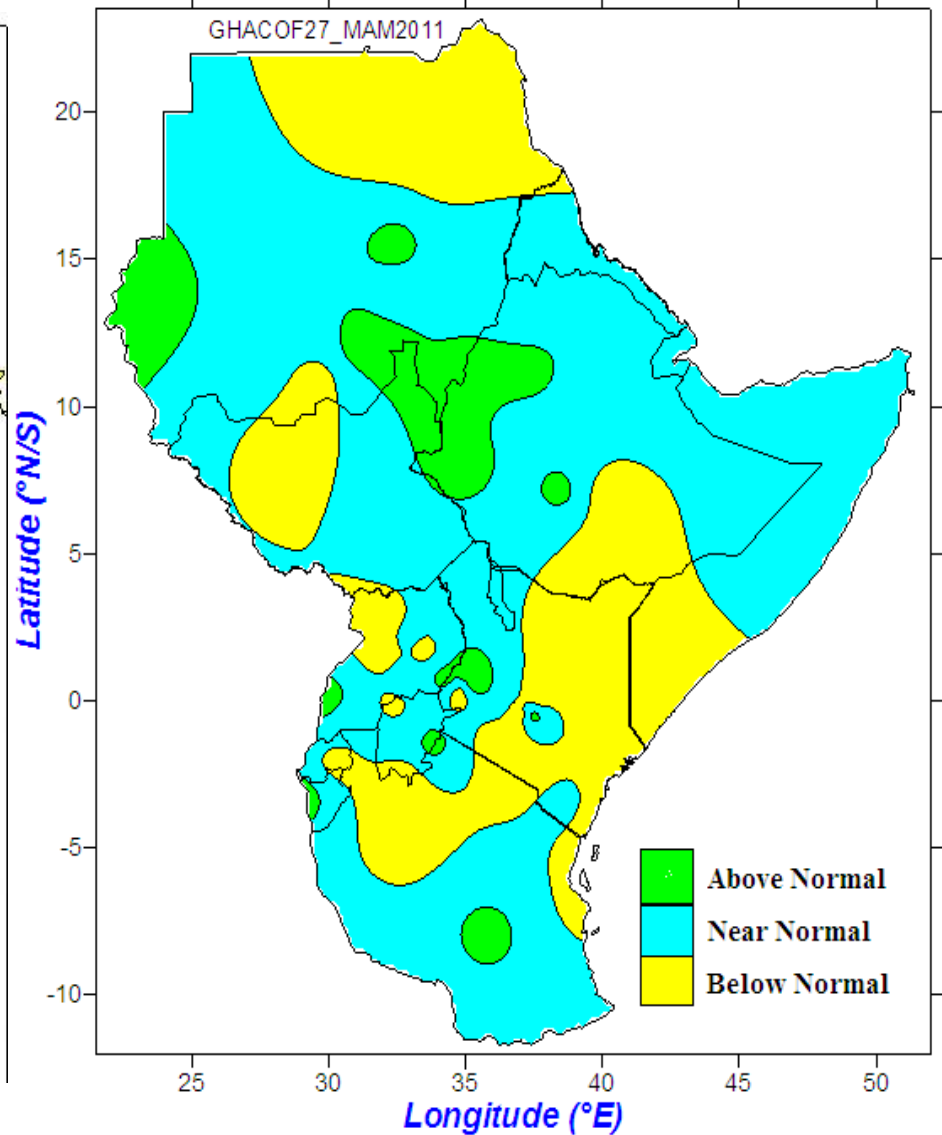
Observed rainfall anomalies during March to May 2011



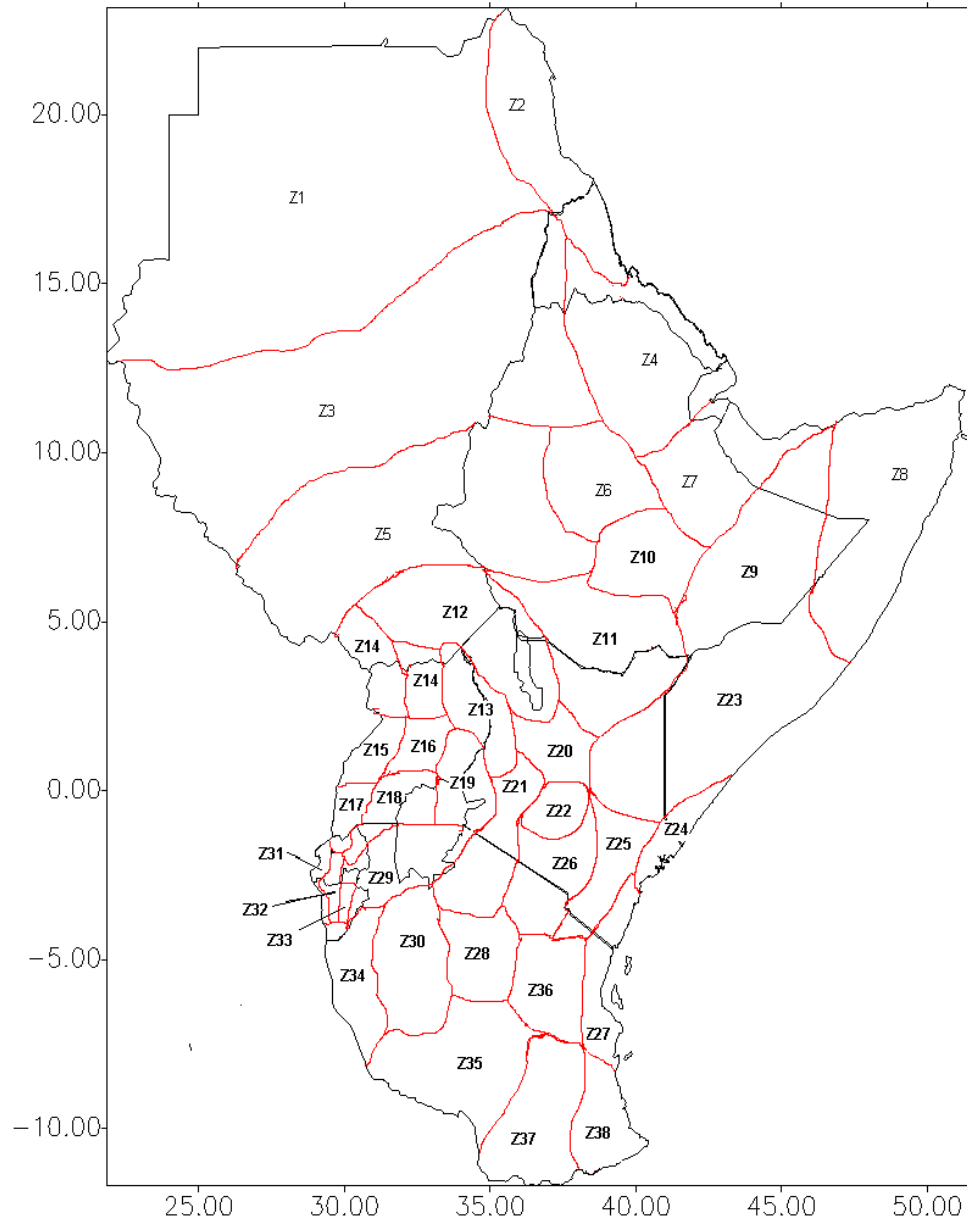
key

Figures on the map represent probability of

A	Above normal
N	Near normal
B	Below normal



CLIMATOLOGICAL ZONES



1. Hit rate

The analysis of COF 27 Climate Outlook and the observed MAM 2010 rainfall categories reveals that there were:

38 Hits and 52 Forecasts zones

Therefore,

$$\begin{aligned}\text{Hit Rate (H)} &= 38/52 \\ &= 0.73 \\ &= 73\% \text{ Hit Rate}\end{aligned}$$

2. Heidke 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 27 therefore,

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

$$= 23/50 = 0.46$$

$$= 46\%$$