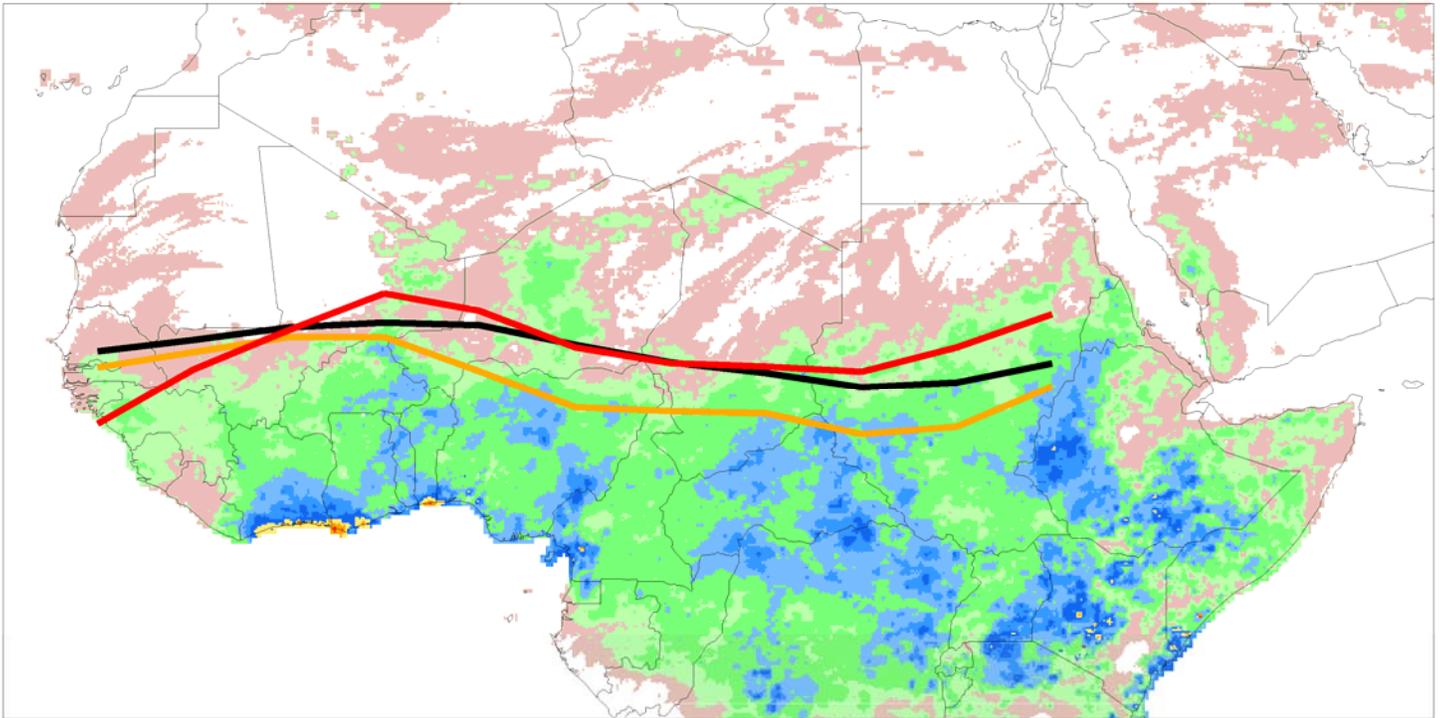


# Current vs Mean Position of the Africa ITCZ

As analyzed by the NOAA Climate Prediction Center

## May 2005 Dekad 3



Accumulated Dekadal Precipitation:

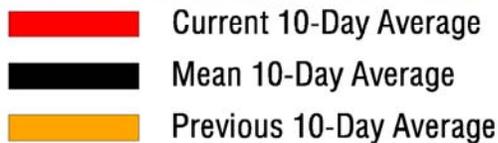


Figure 1

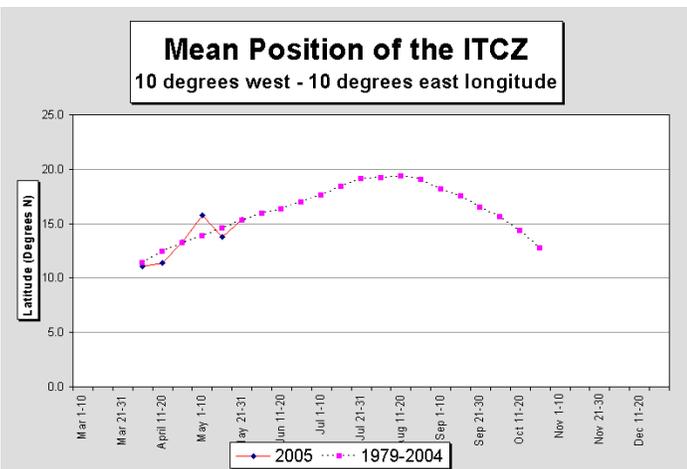


Figure 2

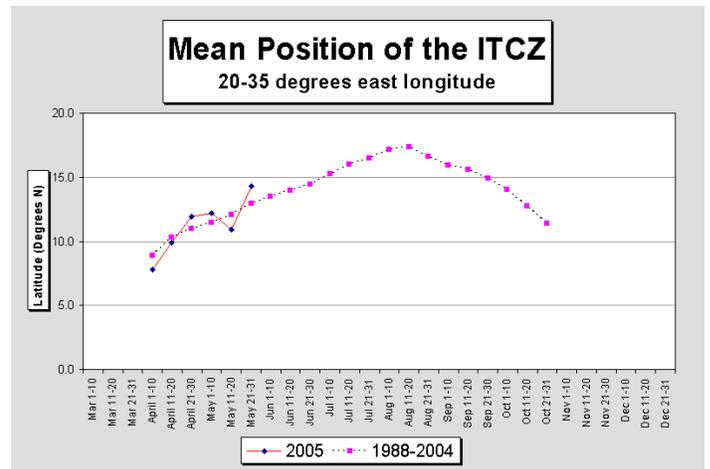


Figure 3

From May 21-31, 2005, the African portion of the Intertropical Discontinuity was located near 14.8 degrees north latitude, compared to the climatological mean of 14.1 north and the previous dekadal position of 12.4 N. This latest position represents a significant northward shift in the location of the convergence zone east of the Prime Meridian. From Figures 2 and 3, it is seen that both the western and eastern regions of the ITCZ moved northward during the previous dekad. However, the ITCZ moved southward across the far western areas as can be seen in figure 1. In the west, the latest position of the ITCZ was near 15.3N, which is the climatological mean position. During May 11-21, the mean position was 13.7N. In the east, the current position is near 14.3N, compared to 12.9N and 10.9N for the long term mean and previous dekad, respectively.