

# Current vs Mean Position of the Africa ITCZ

As analyzed by the NOAA Climate Prediction Center

## July 2006 Dekad 1

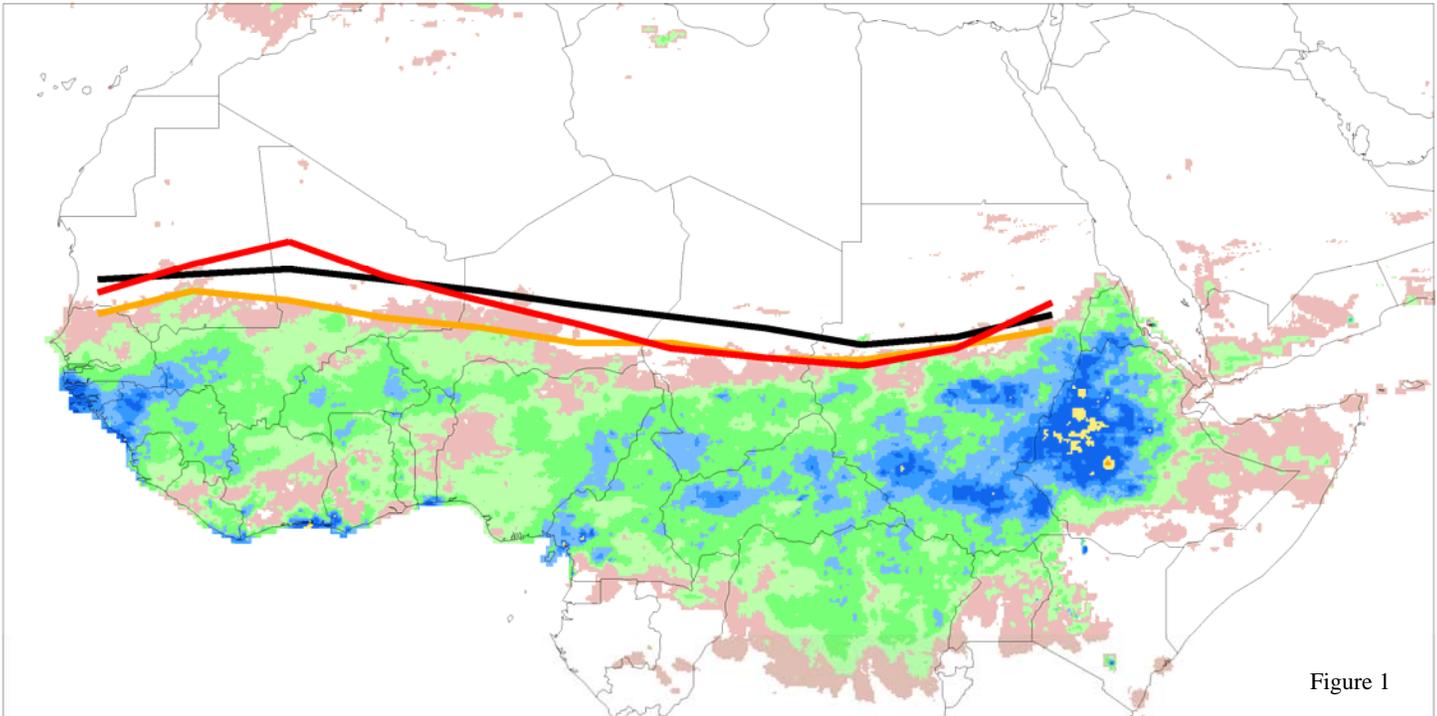


Figure 1

Accumulated Dekadal Precipitation:

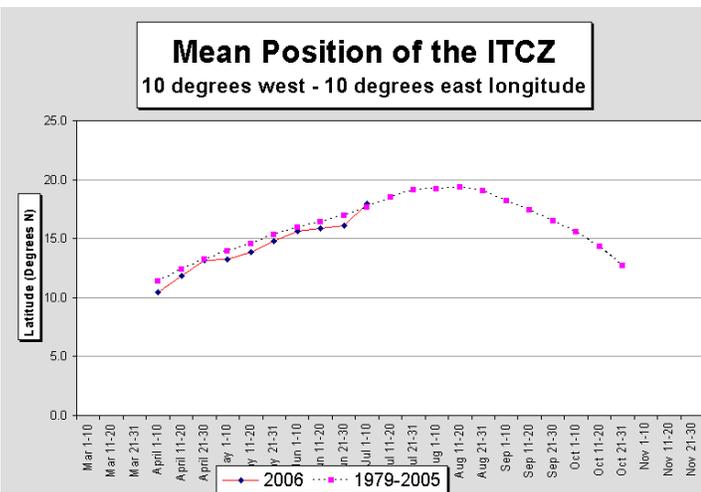
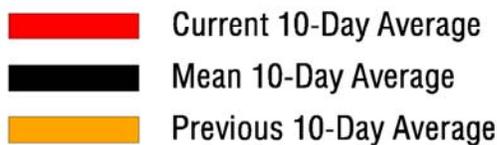


Figure 2

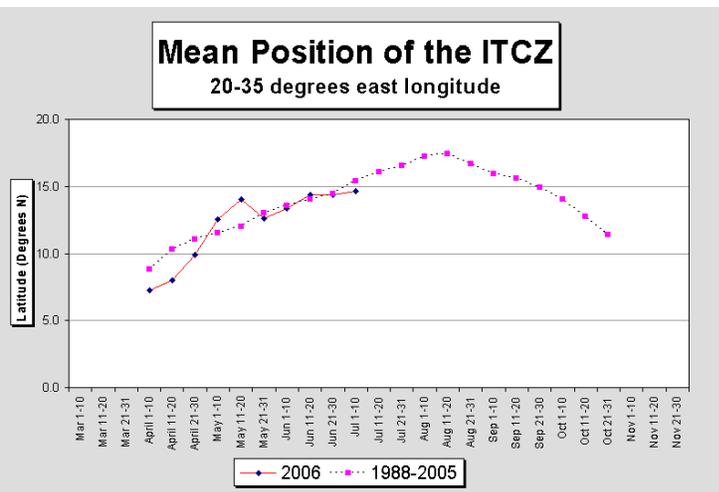


Figure 3

The African portion of the Intertropical Convergence Zone was located near 16.4 degrees north latitude (averaged from 15W-35E) during the period from July 1-10 2006, compared to the normal position of 16.7 north and a position last year of 18.1 north. Overall, the African region near the ITCZ was abnormally dry during the latest period, though much of Sudan and Ethiopia were exceptionally wet. Examining figure 1, it is obvious that while localized biases exist in ITCZ position, there is no clear trend that would explain this lack of rainfall based solely on the ITCZ. In the west (from 10W-10E), the ITCZ was located near 17.9 degrees north during the past dekad, compared to a normal position of 17.8 north and a position last dekad of 16.1 north. See figure 2. From figure 3, the eastern Africa region (20E-35E) saw the ITCZ located near 14.7 degrees north during July 1-10 2006, compared to a 1988-2005 mean of 15.3N and a position last dekad of 14.4N.