

# Current vs Mean Position of the Africa ITCZ

As analyzed by the NOAA Climate Prediction Center

## May 2005 Dekad 2

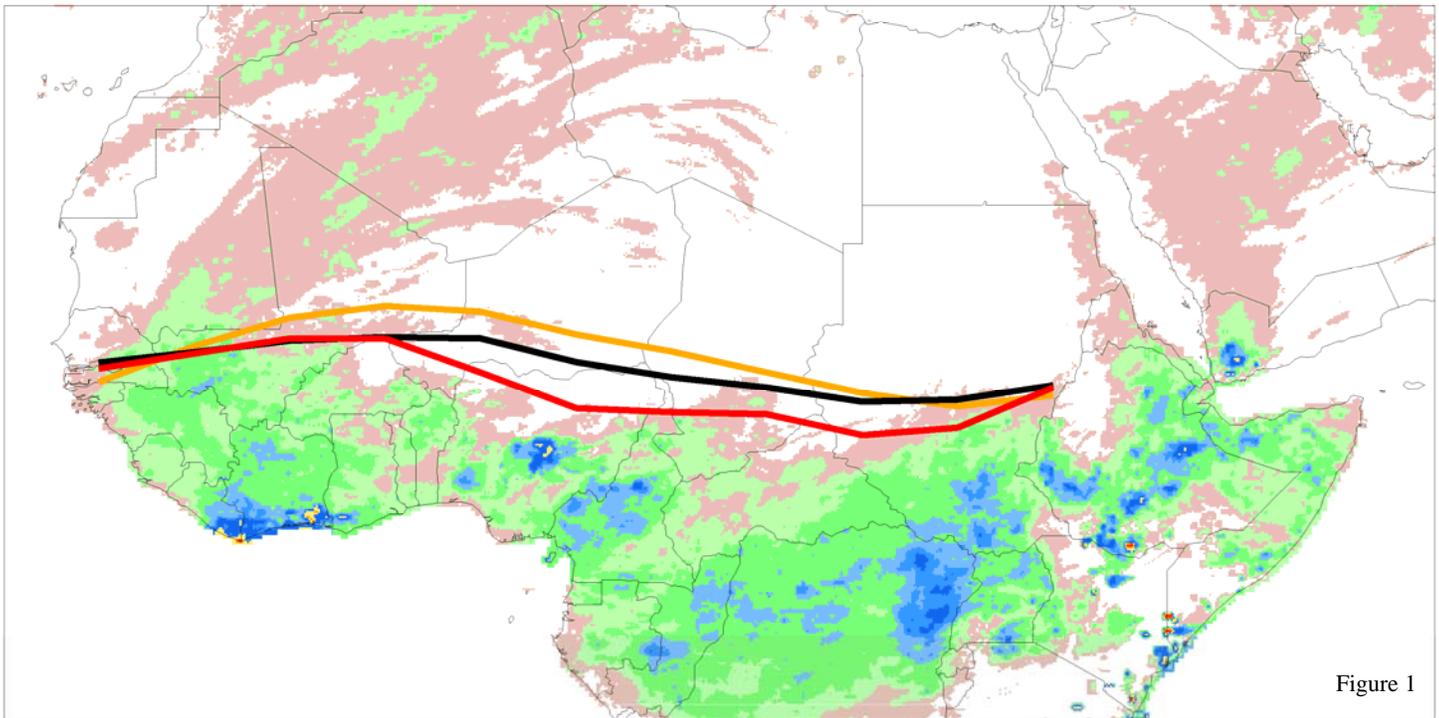


Figure 1

Accumulated Dekadal Precipitation:

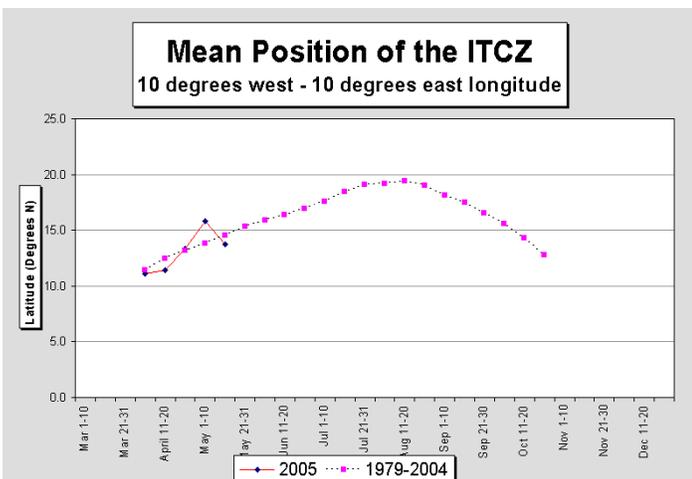
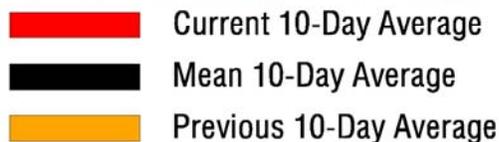


Figure 2

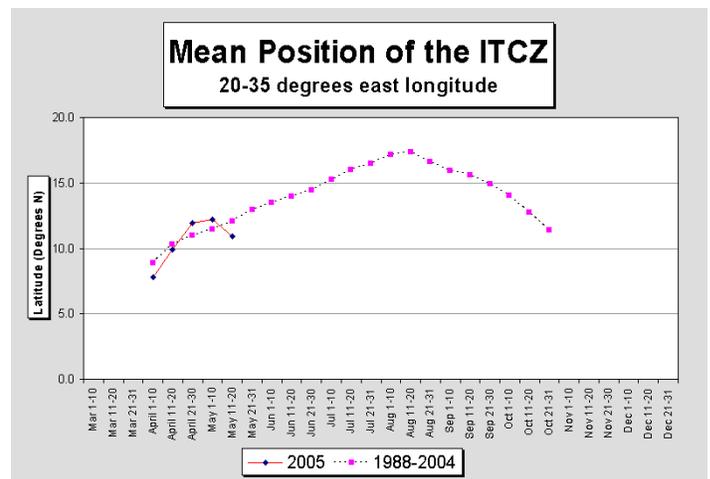


Figure 3

From May 11-20, 2005, the African portion of the Intertropical Discontinuity was located near 12.4 degrees north latitude, compared to the climatological mean of 13.4 north and the previous dekadal position of 14.1N. This latest position represents a significant southward dip in the location of the convergence zone, and corresponds well with the lack of rains near the Sahelian region, especially in central Africa. From Figures 2 and 3, it is seen that both the western and eastern regions of the ITCZ moved southward during the previous dekad and both are now south from the long term mean locations. In the west, the latest position of the ITCZ was near 13.7N, compared to the climatological mean of 14.6N and that during May 1-10 of 15.8N. In the west, the current position is near 10.9N, compared to 12.1N and 12.2N for the long term mean and previous dekad, respectively.