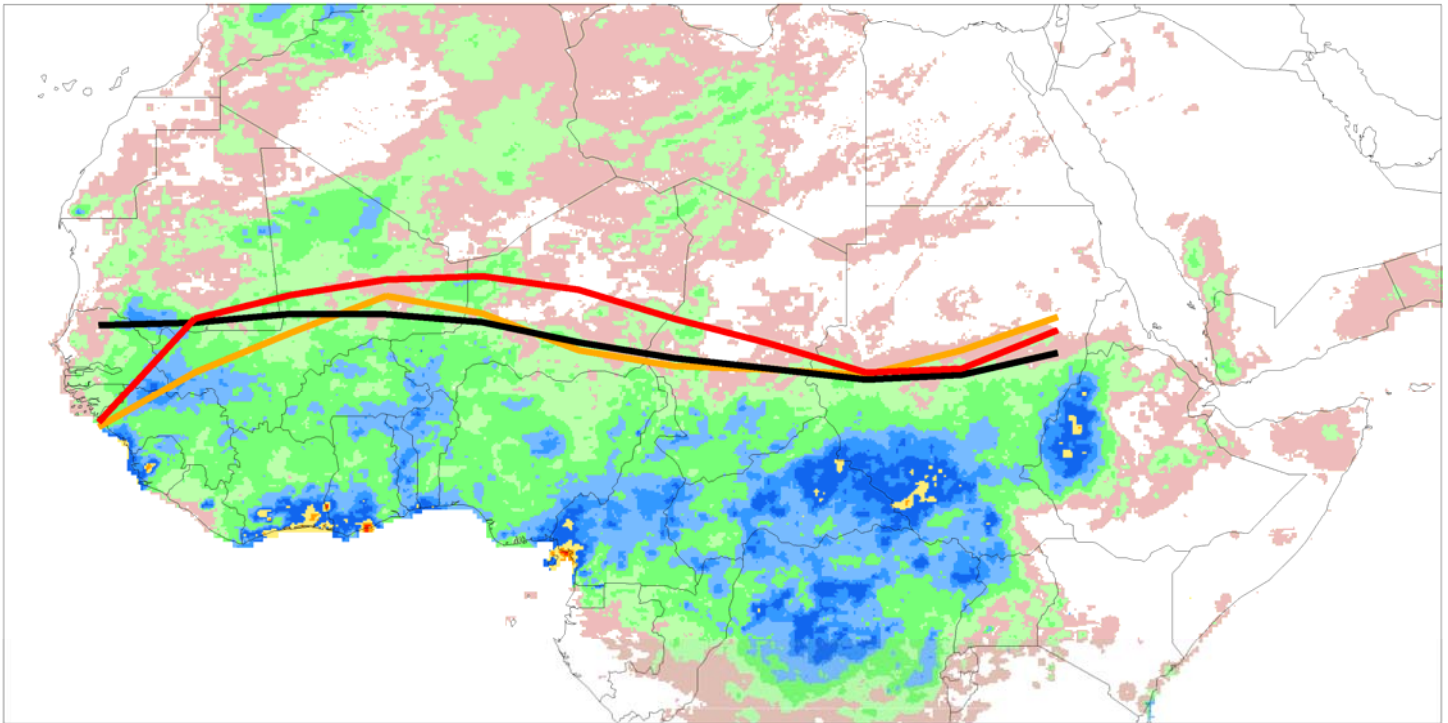


Current vs Mean Position of the Africa ITCZ

As analyzed by the NOAA Climate Prediction Center

June 2005 Dekad 1



Accumulated Dekadal Precipitation:

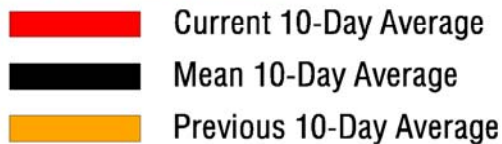


Figure 1

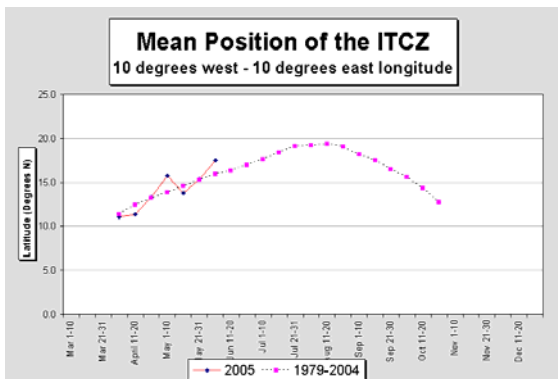


Figure 2

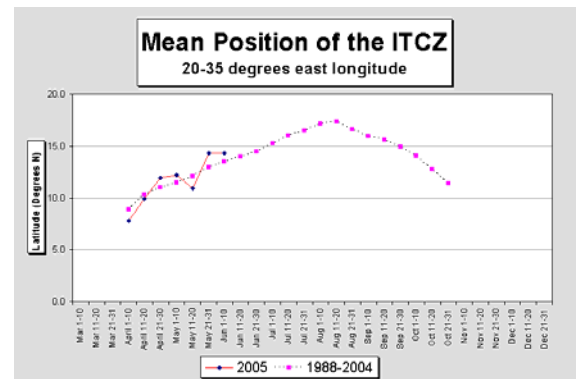


Figure 3

From June 1-10, 2005, the African portion of the Intertropical Discontinuity was located near 15.9 degrees north latitude, compared to the climatological mean of 14.7 north and the previous dekadal position of 14.8 N. This latest position represents a significant northward shift in the location of the convergence zone. From Figures 2 and 3, it is seen that both the western region of the ITCZ moved northward during the previous dekad, while, on average, the eastward region remained at the same latitude. In the west, the latest position of the ITCZ was near 17.5N, which is north of the climatological mean position of 15.9N. During May 21-31, the mean position was 15.3N. In the east, the current position is near 14.3N, which is the same position as last dekad. This is north of the climatological mean position of 13.5N.