

Current vs Mean Position of the Africa ITCZ

As analyzed by the NOAA Climate Prediction Center

June 2005 Dekad 2

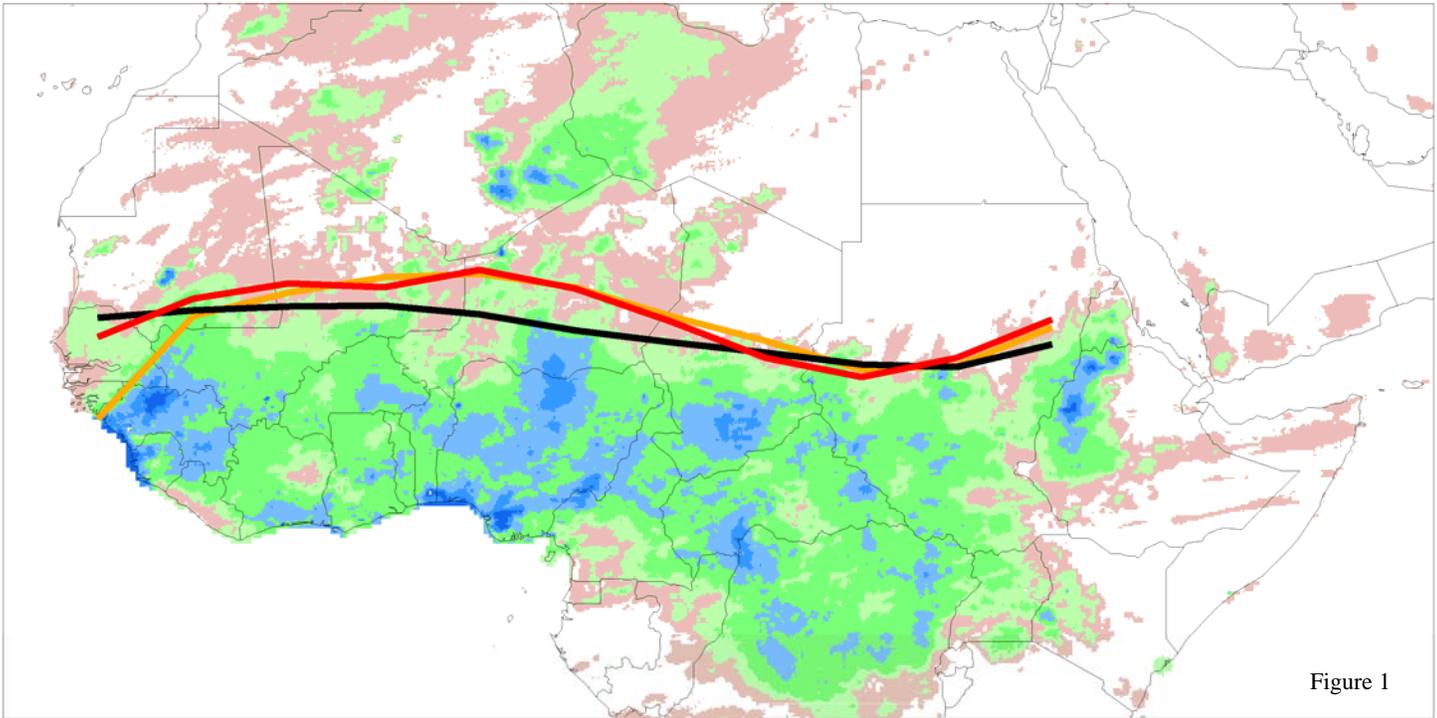


Figure 1

Accumulated Dekadal Precipitation:

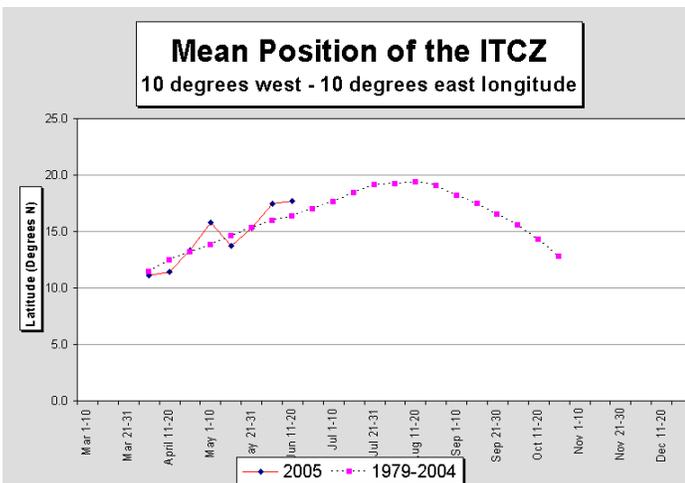
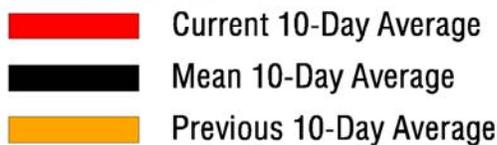


Figure 2

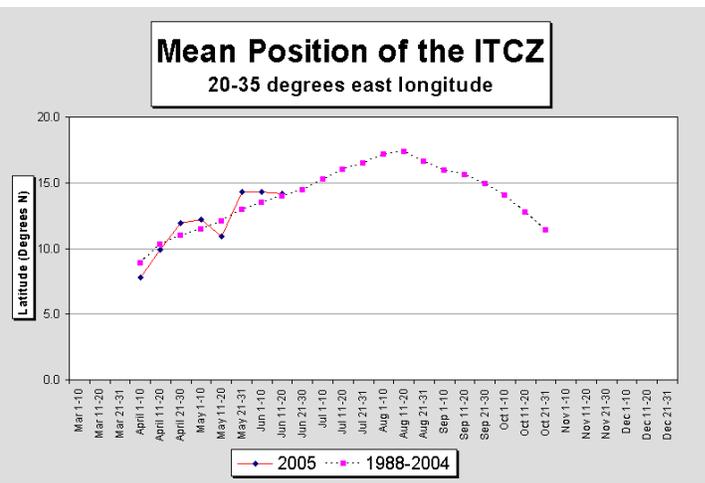


Figure 3

During the period from June 11-20, 2005, the African portion of the Intertropical Discontinuity was located at approximately 16.0 degrees north latitude when averaged over the ten day period and from 15 degrees west to 35 degrees east longitude. This current location is approximately 0.4 degrees north from the position during the previous dekad, and 0.8 degrees north from the climatological 1988-2004 mean. During the period, a low pressure region and associated cold front pushed through the Mali/Niger region, bringing unusually heavy precipitation to the area and helping to push the ITCZ to the north. In Senegal, the ITCZ has moved into the region, as light seasonal rains have begun. In the west (from 10W-10E), the ITCZ was nearly stationary, and was located near 17.7N compared to the long term mean of 16.2N. In the east, from 20E-35E, the ITCZ was located near 14.2 degrees north latitude, compared to the long term normal of 13.9N.