

Current vs Mean Position of the Africa ITCZ

As analyzed by the NOAA Climate Prediction Center

June 2007 Dekad 1

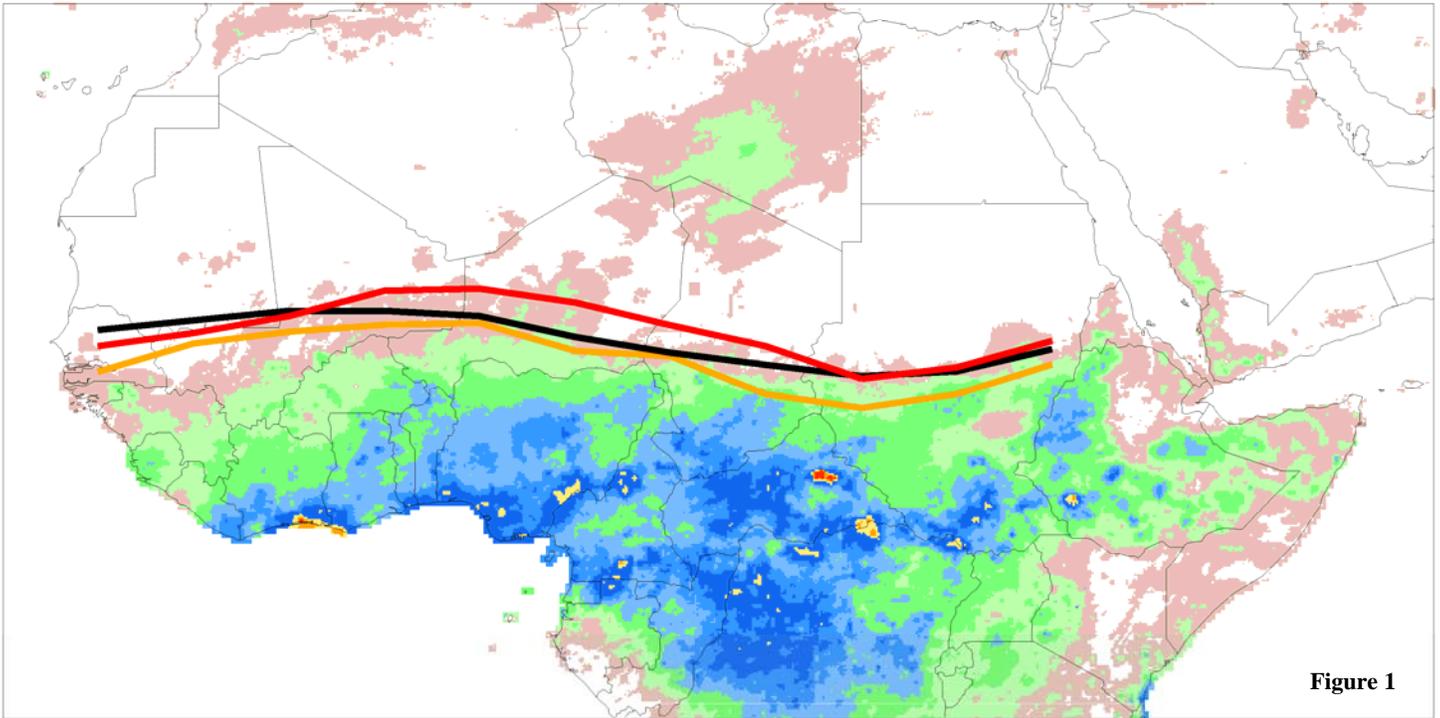


Figure 1

Accumulated Dekadal Precipitation:

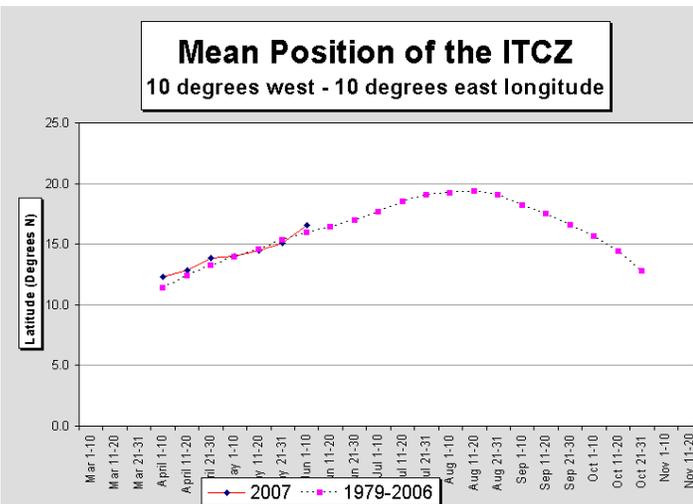
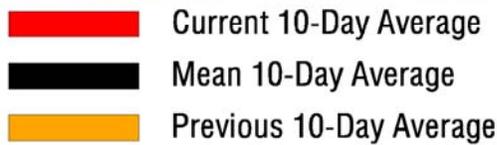


Figure 2

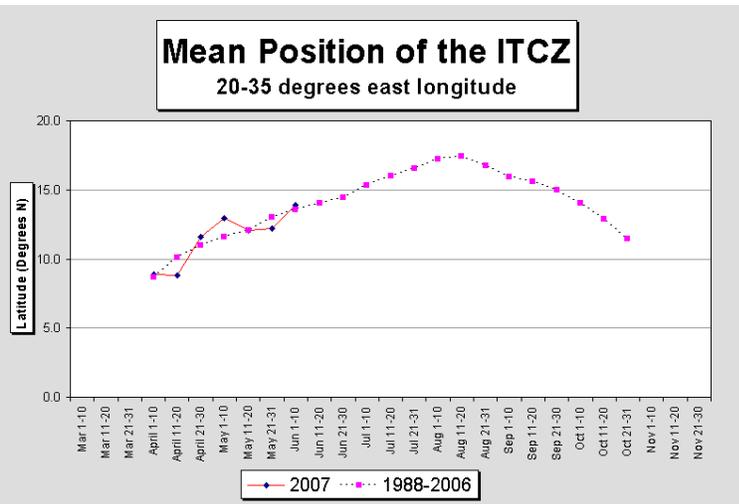


Figure 3

During the period from June 1 - 10, 2007, the African portion of the ITCZ was located near 15.3 degrees north latitude when averaged over the ten day period and from 15W-35E. This compares with a normal position of 14.8N and a position last dekad of 13.8N. In the west, from 10W-10E, the ITCZ was located near 16.6 degrees north, compared to the long term mean of around 15.9 degrees north, and a position last year of 15.6N. In the east, from 20E-35E, the ITCZ was located near 13.9N, compared with 13.5N for the mean, and 13.4N for last year. Contributing to the rapid northward movement of the discontinuity, a strong frontal system pushed through the Sahel during the week, bringing enhanced southerly winds and increased northward movement of moisture.