

Current vs Mean Position of the Africa ITCZ

As analyzed by the NOAA Climate Prediction Center

August 2007 Dekad 1

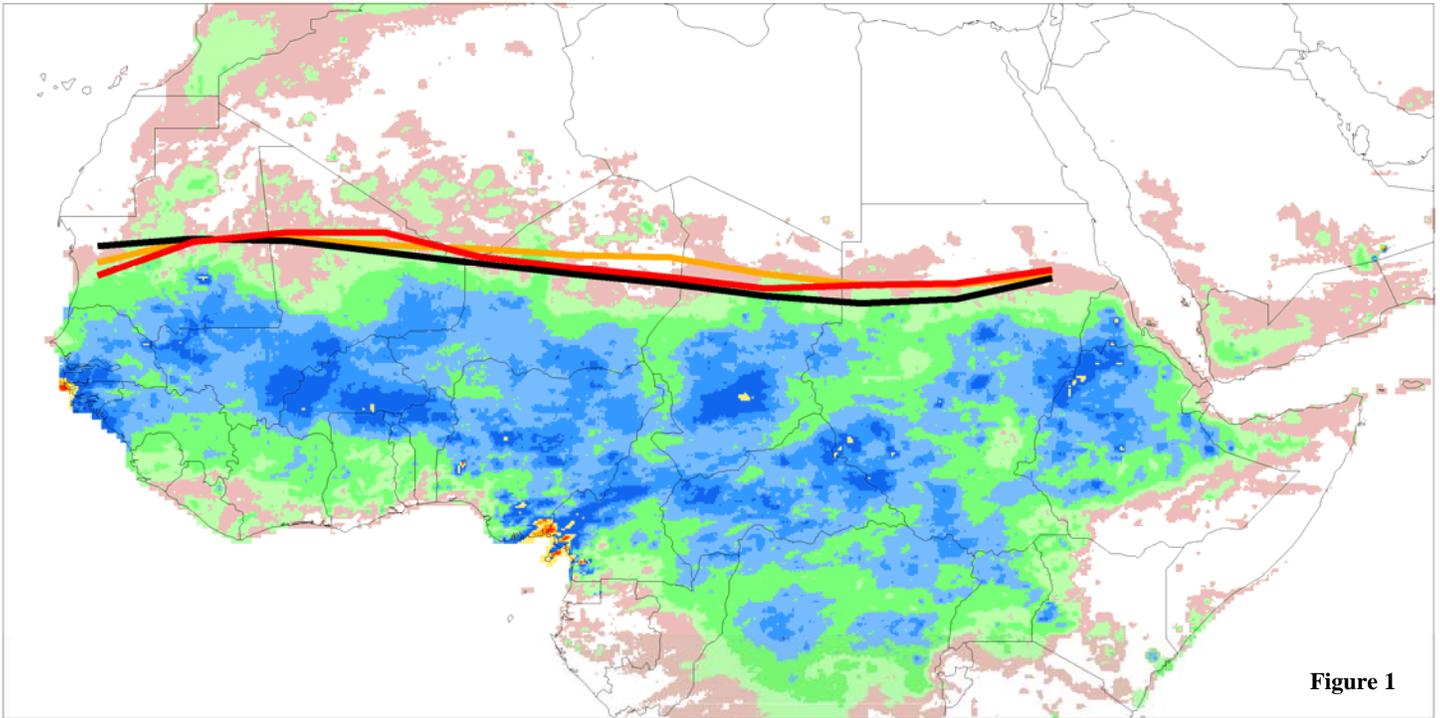


Figure 1

Accumulated Dekadal Precipitation:

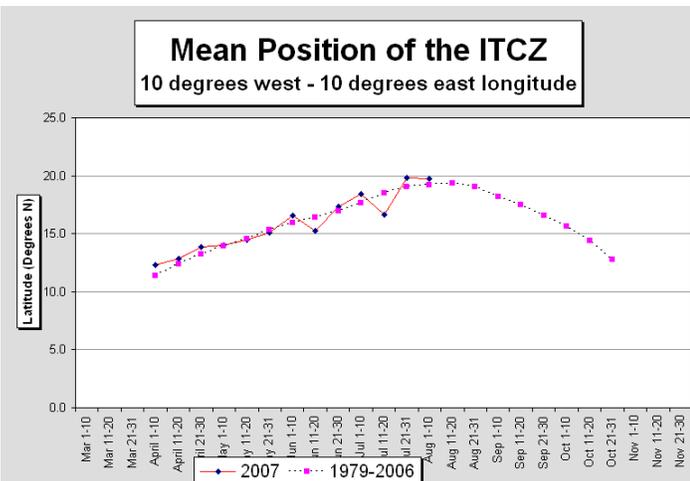
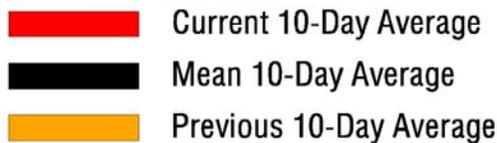


Figure 2

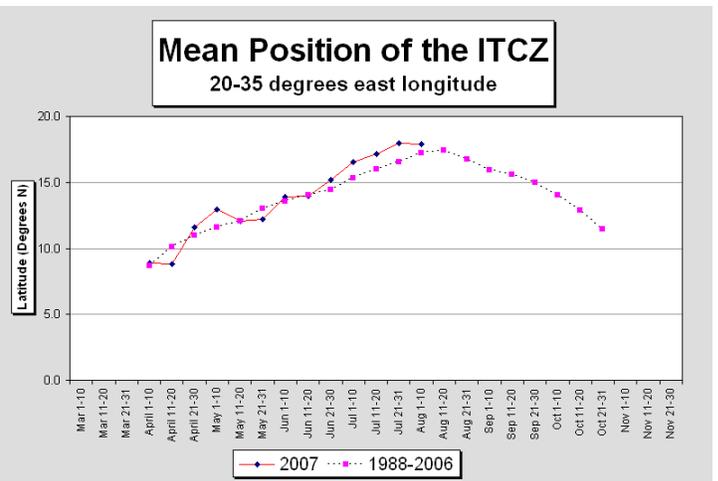


Figure 3

During the period from August 1 - 10, 2007, the African portion of the ITCZ was located near 18.8 degrees north latitude when averaged over the ten day period and from 15W-35E. This compares with a normal position of 18.5N and a position last year of 17.4N. In the west, from 10W-10E, the ITCZ was located near 19.8 degrees north, compared to the long term mean of around 19.3 degrees north, and a position last year of 18.1N. In the east, from 20E-35E, the ITCZ was located near 17.9N, compared with 17.2N for the mean, and 16.5N for last year. The ITCZ now rests near normal across all of Africa. The ITCZ climatologically peaks next dekad, and then normally begins moving south at twice the speed of its northward acceleration.