

# Current vs Mean Position of the Africa ITCZ

As analyzed by the NOAA Climate Prediction Center

## August 2007 Dekad 3

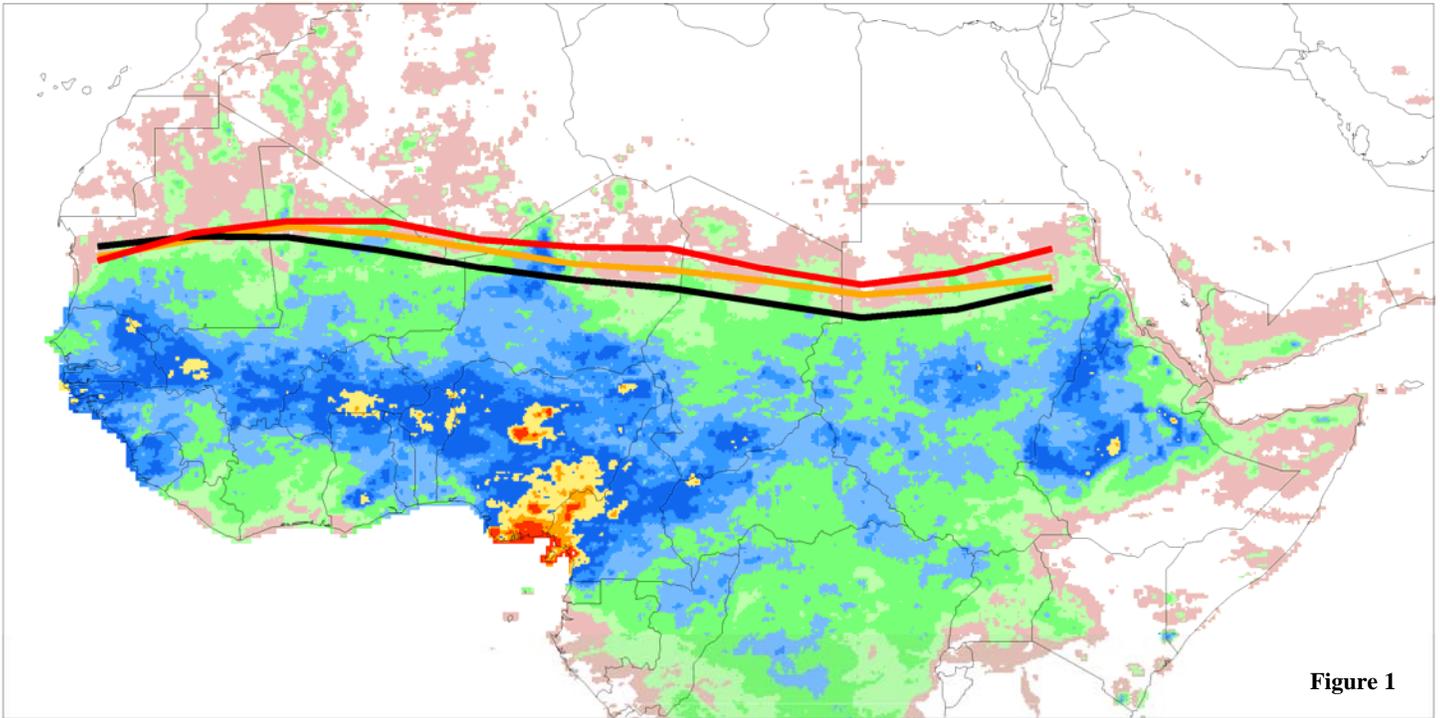


Figure 1

Accumulated Dekadal Precipitation:

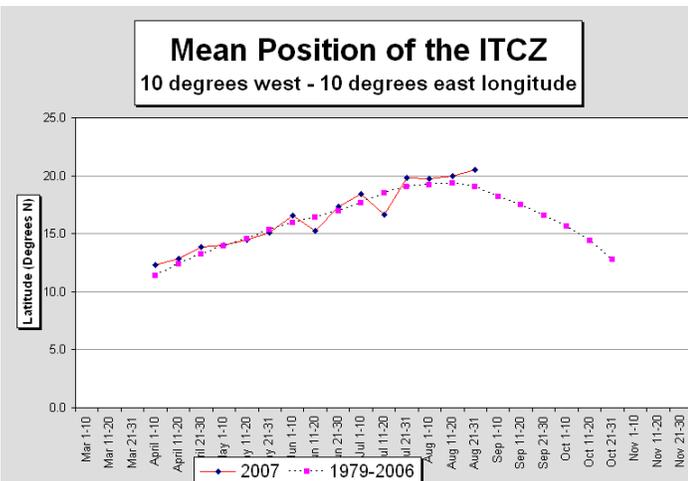
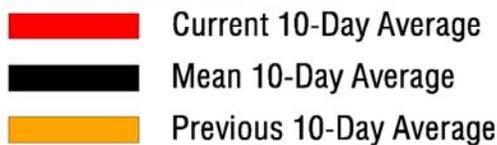


Figure 2

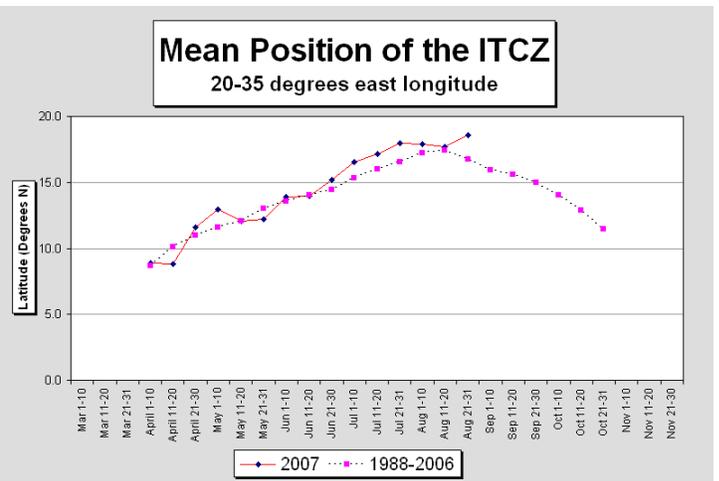


Figure 3

During the period from August 21 - 31, 2007, the African portion of the ITCZ was located near 19.6 degrees north latitude when averaged over the ten day period and from 15W-35E. This compares with a normal position of 18.2N and a position last year of 18.9N. In the west, from 10W-10E, the ITCZ was located near 20.5 degrees north, compared to the long term mean of around 19.3 degrees north, and a position last year of 20.0N. In the east, from 20E-35E, the ITCZ was located near 18.6N, compared with 16.7N for the mean, and 17.6N for last year. Despite normal southward movement of the ITCZ this time of year, the ITCZ surged northward. There was a lot of fluctuation again this week with the ITCZ. Significant northward and southward movements occurred almost daily.