

# Current vs Mean Position of the Africa ITCZ

As analyzed by the NOAA Climate Prediction Center

## October 2007 Dekad 2

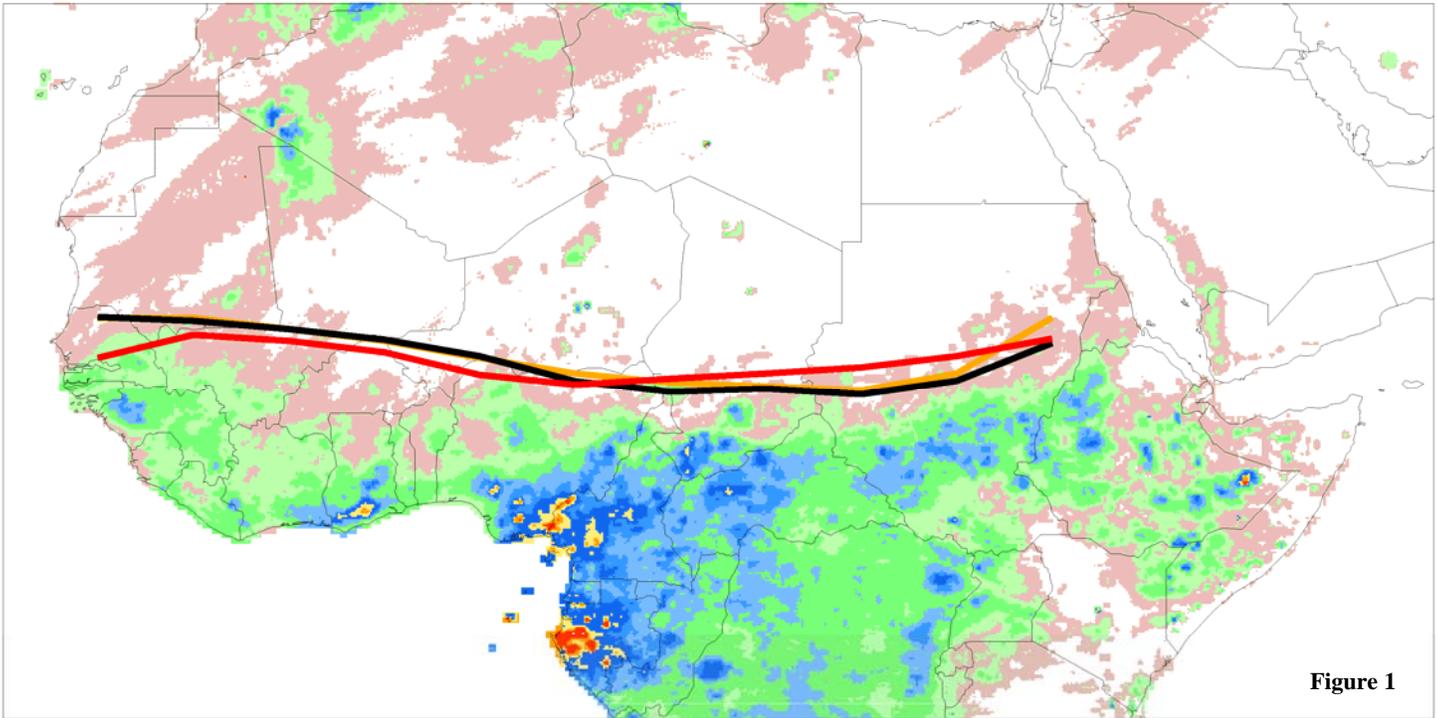
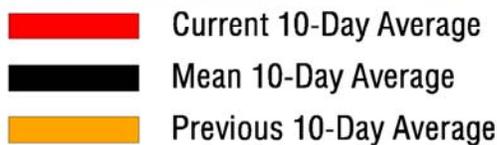


Figure 1

Accumulated Dekadal Precipitation:



**Mean Position of the ITCZ**  
10 degrees west - 10 degrees east longitude

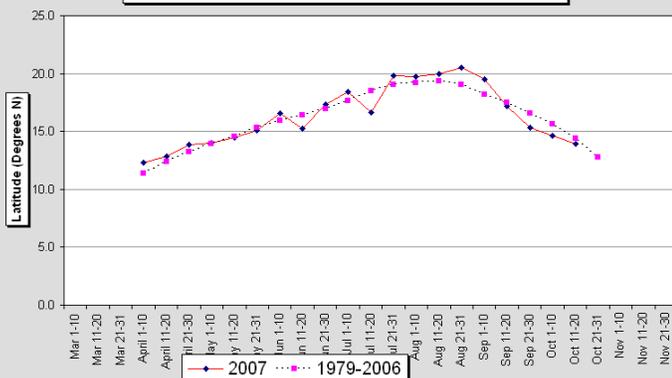


Figure 2

**Mean Position of the ITCZ**  
20-35 degrees east longitude

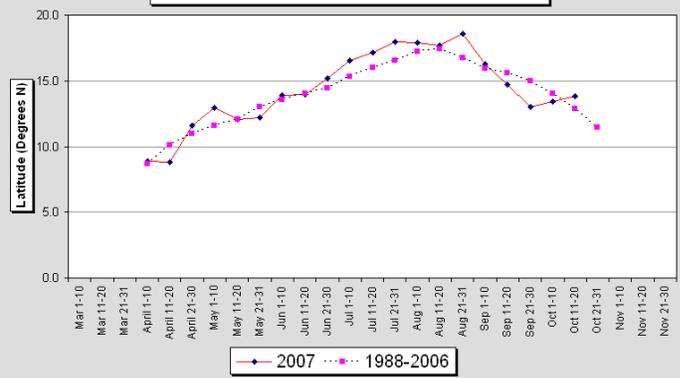


Figure 3

During the period from October 11 - 20, 2007, the African portion of the ITCZ shifted southward having a mean latitude of approximately 13.8 degrees north when averaged over the ten day period and from 15W-35E. This is very close to the normal position of 13.9 degrees N which for this dekad. In the west, from 10W-10E, the ITCZ was located near 13.9 degrees north, compared to the long term mean of around 14.8 degrees north, and a position last year of 15.6N. In the east, from 20E-35E, the ITCZ was located near 13.4N, compared with 12.8 N for the mean and last years position of 14.1N. The ITCZ had been moving south rapidly, but its progress has slowed down, and it now rests near normal. Local variations have the ITCZ located slightly south of normal in the west and slightly north of normal in the east.