

Current vs Mean Position of the Africa ITCZ

As analyzed by the NOAA Climate Prediction Center

May 2007 Dekad 1

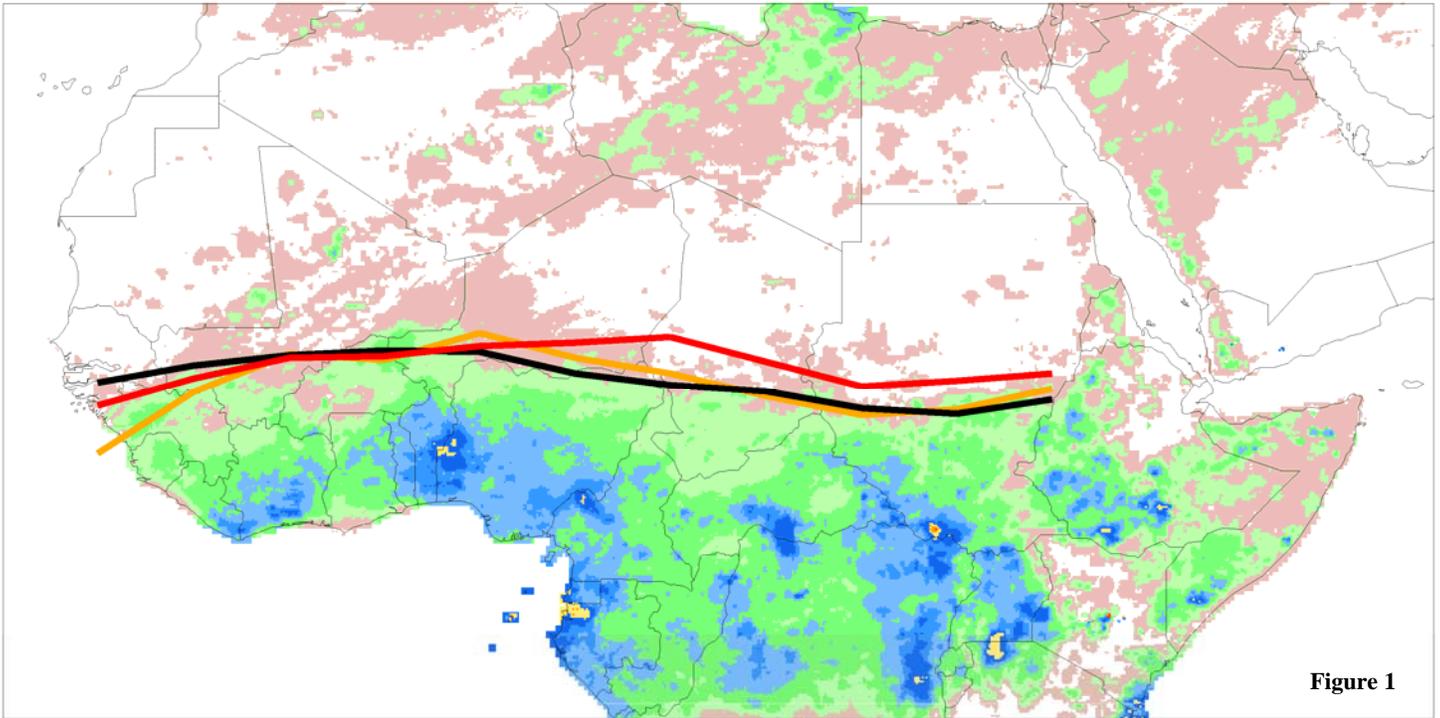
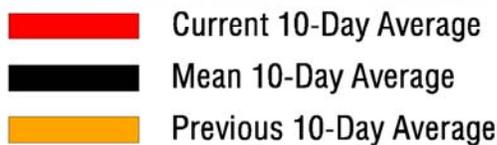


Figure 1

Accumulated Dekadal Precipitation:



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

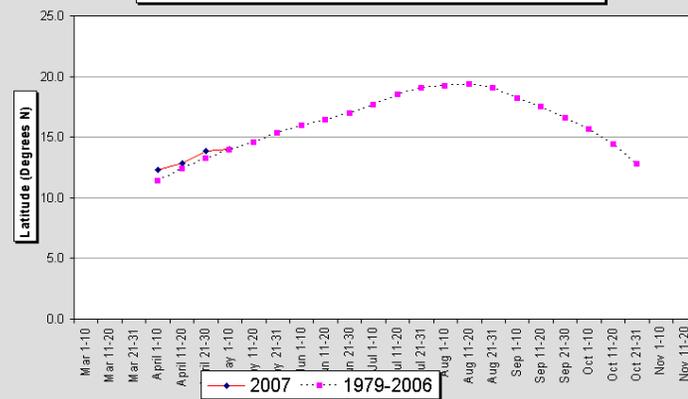


Figure 2

Mean Position of the ITCZ
20-35 degrees east longitude

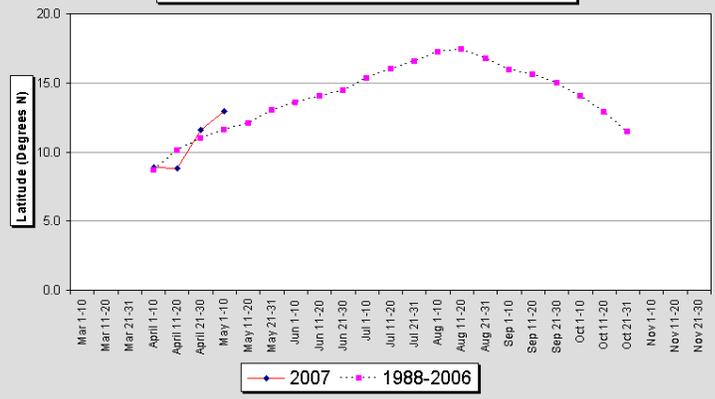


Figure 3

During the period from May 1 – 10 2007, the African portion of the ITCZ was located near 13.5 degrees north latitude when averaged over the ten day period and from 15W-35E. This compares with a normal position of 12.8N and a position last dekad of 12.5N. From Figure 1, the eastern region of the ITCZ moved significantly to the north again during the previous dekad. In the west (10W-10E) the ITCZ was located near 14.0N compared with a normal position of 13.8N. In the east (20E-35E), the ITCZ was located near 13.0N compared with 11.5N normally.