

Current vs Mean Position of the Africa ITCZ

As analyzed by the NOAA Climate Prediction Center

August 2006 Dekad 2

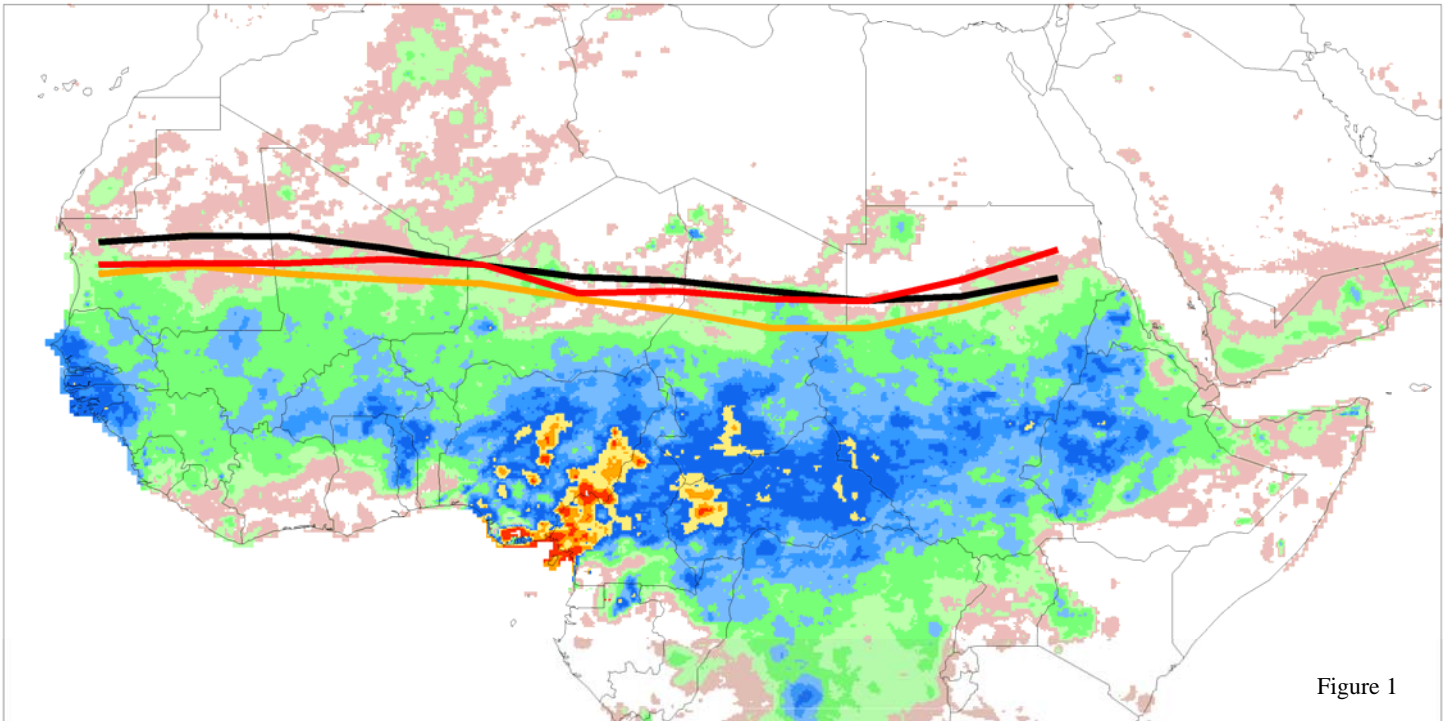
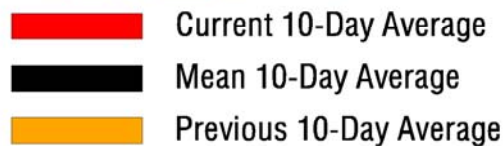


Figure 1

Accumulated Dekadal Precipitation:



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

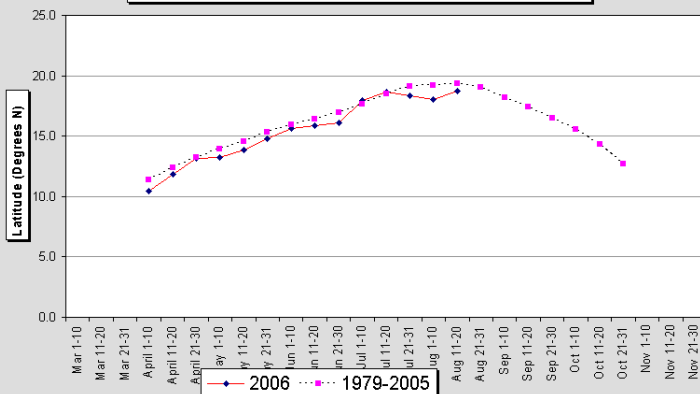


Figure 2

Mean Position of the ITCZ
20-35 degrees east longitude

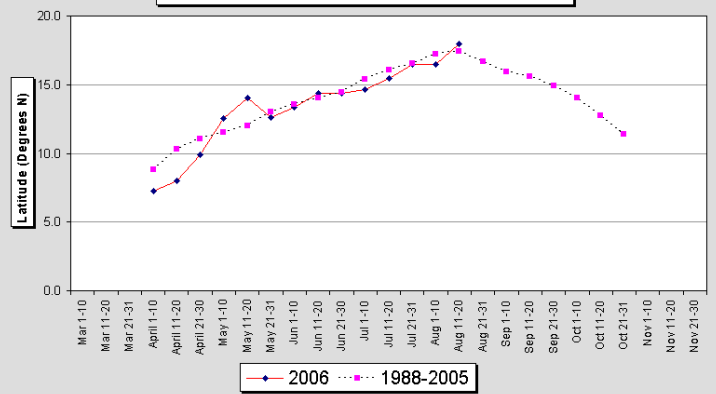


Figure 3

From August 11-20 2006, the African portion of the Intertropical Convergence Zone continued to push northward as it reached its climatological maximum. The ITCZ was located near 18.3 degrees north latitude, or 0.4 degrees south of normal compared to the 1988-2005 climatological mean of 18.7 degrees north. Last year at this time the ITCZ was at 18.8N. In the east (20-35E), the ITCZ has moved north of normal in Sudan. Otherwise the ITCZ is approximately normal. In the west (10W-10E), the ITCZ has remained below normal over Mauritania and Mali. Currently the western portion of the African ITCZ is located near 18.7N, while it is normally located near 19.5N, and was located at 19.4N last year. Meanwhile the eastern ITCZ is located near 18.0N, while the normal is 17.5N and last year it was at 17.9.