

Current vs Mean Position of the Africa ITCZ

As analyzed by the NOAA Climate Prediction Center

July 2006 Dekad 3

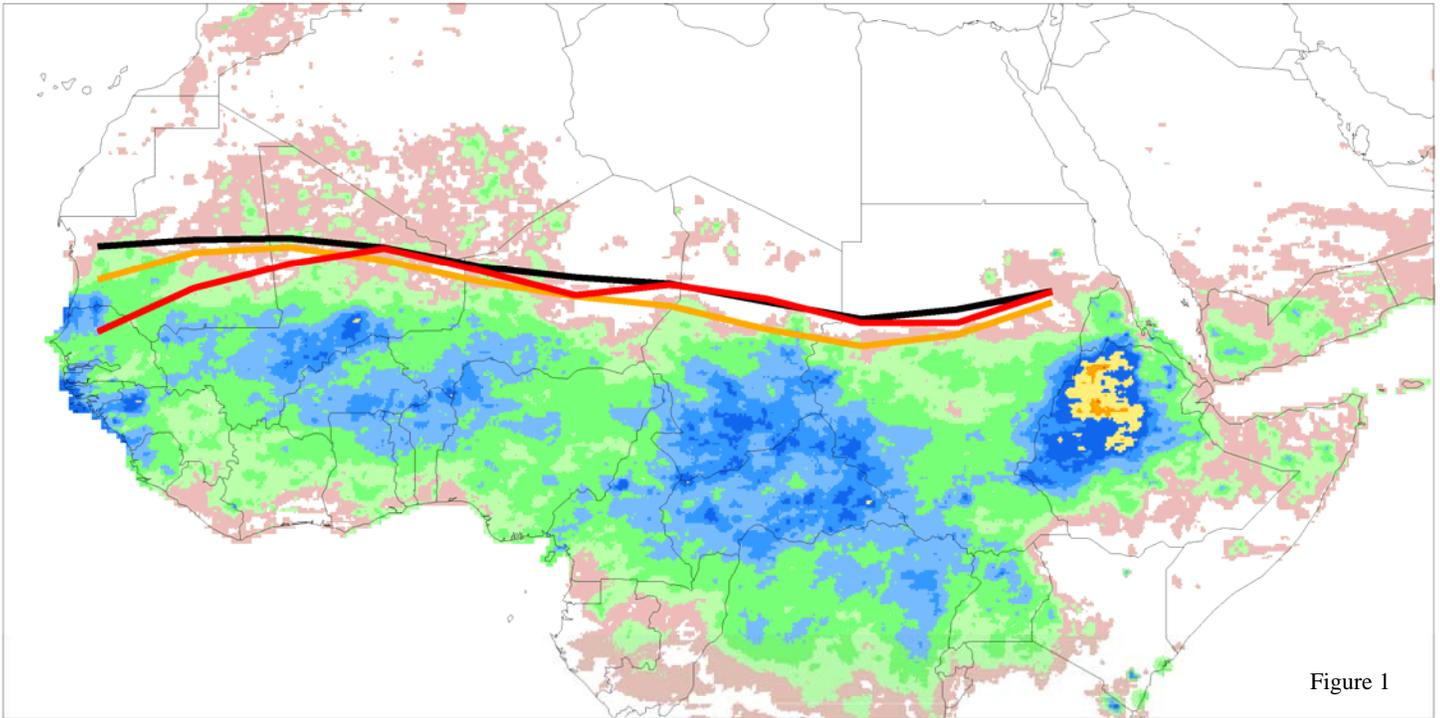


Figure 1

Accumulated Dekadal Precipitation:

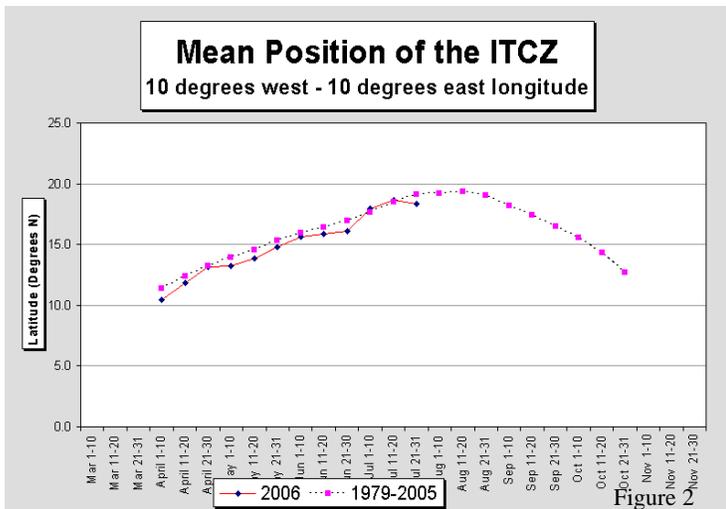
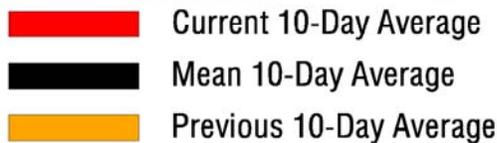


Figure 2

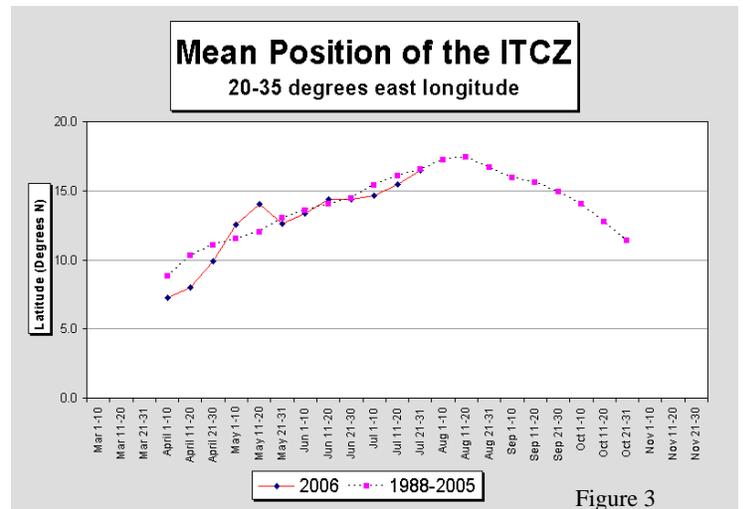


Figure 3

From July 21-30 2006, the African portion of the Intertropical Convergence Zone was located near 17.3 degrees north latitude, compared to the 1988-2005 climatological mean of 18.3 degrees north, and a position last year of 18.1N. This location is 0.1 degrees north from the previous dekad. In the west (10W-10E), the ITCZ was pushed south by strong northwesterly winds, especially over Mauritania. However, since the air was from off of the ocean it contained high amounts of moisture. As a result, significant rains fell north of the ITCZ. The ITCZ was located near 18.3N, compared with a normal position of 19.3N and a position last year of 18.5N. In the east (20-35E), the ITCZ was located near 16.5N, while it is normally located near 16.6N, and was located at 18.0N last year.