

Current vs Mean Position of the Africa ITCZ

As analyzed by the NOAA Climate Prediction Center

July 2005 Dekad 2

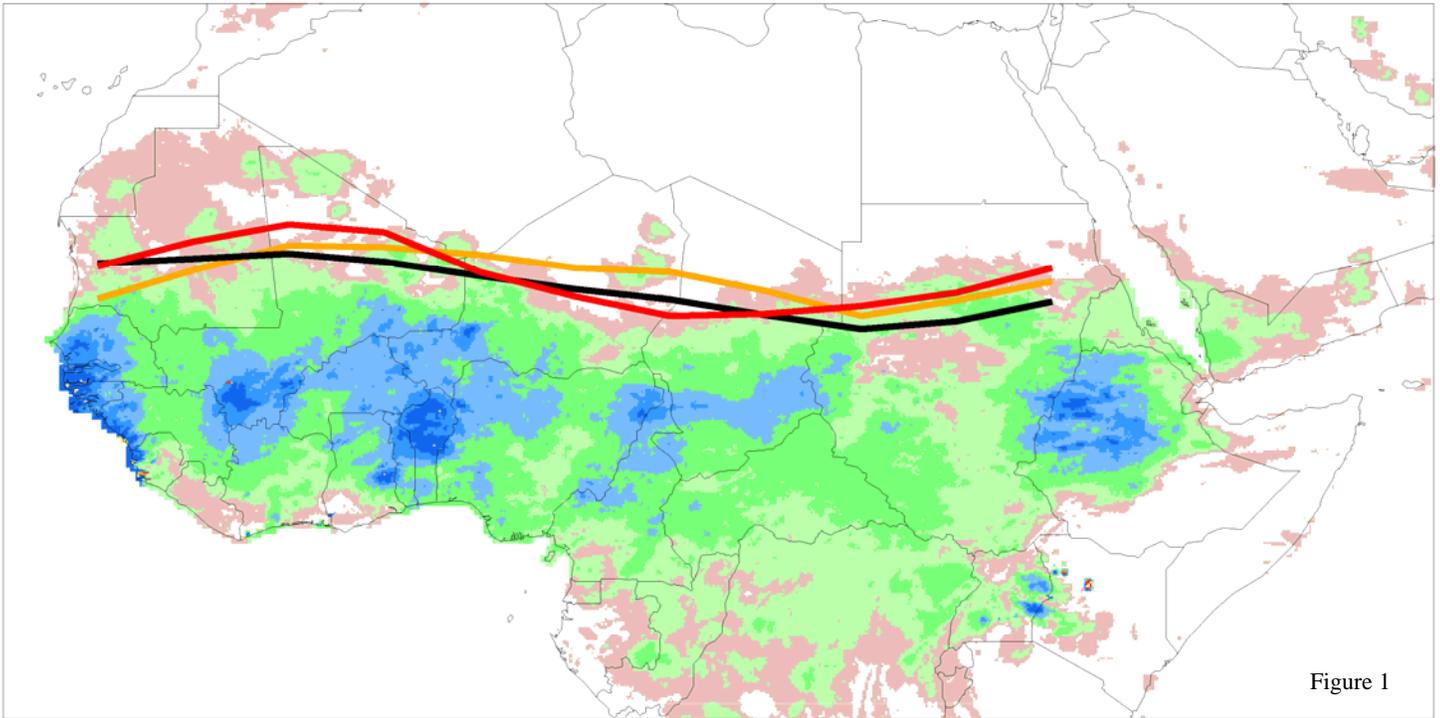


Figure 1

Accumulated Dekadal Precipitation:

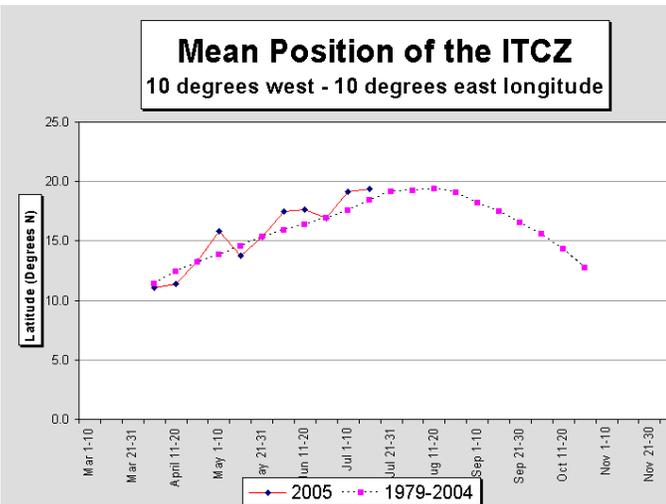
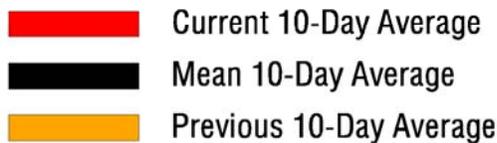


Figure 2

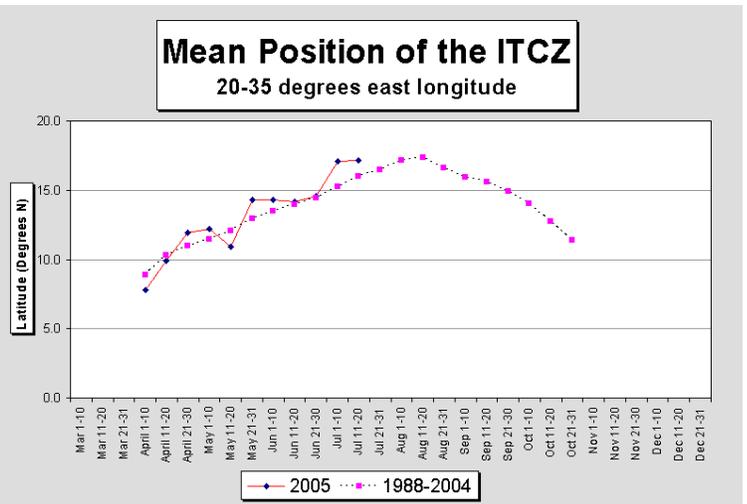


Figure 3

From July 11-20, 2005, the African portion of the ITCZ continues to be located north of normal, except over the region from eastern Niger to western Chad. On average, during the current dekadal period, the ITCZ was located near 18.2 degrees north latitude, compared to the normal of 17.5N. This northward bias can be seen in positive rainfall anomalies in areas near Sudan and Eastern Chad, as well as near Mauritania, Mali, and Western Sahara. In the west, from 10 degrees west to 10 degrees east, the ITCZ was located near 19.4N, compared to the long term mean of 18.6N. In the east from 20-35E, the ITCZ was located near 17.2N, compared to the climatological normal of 16.0N. Overall, the convergence zone did not move significantly from the first dekad of July, due to a southward push in central Africa and northward movements to the west and east.