

# Current vs Mean Position of the Africa ITCZ

As analyzed by the NOAA Climate Prediction Center

## September 2005 Dekad 3

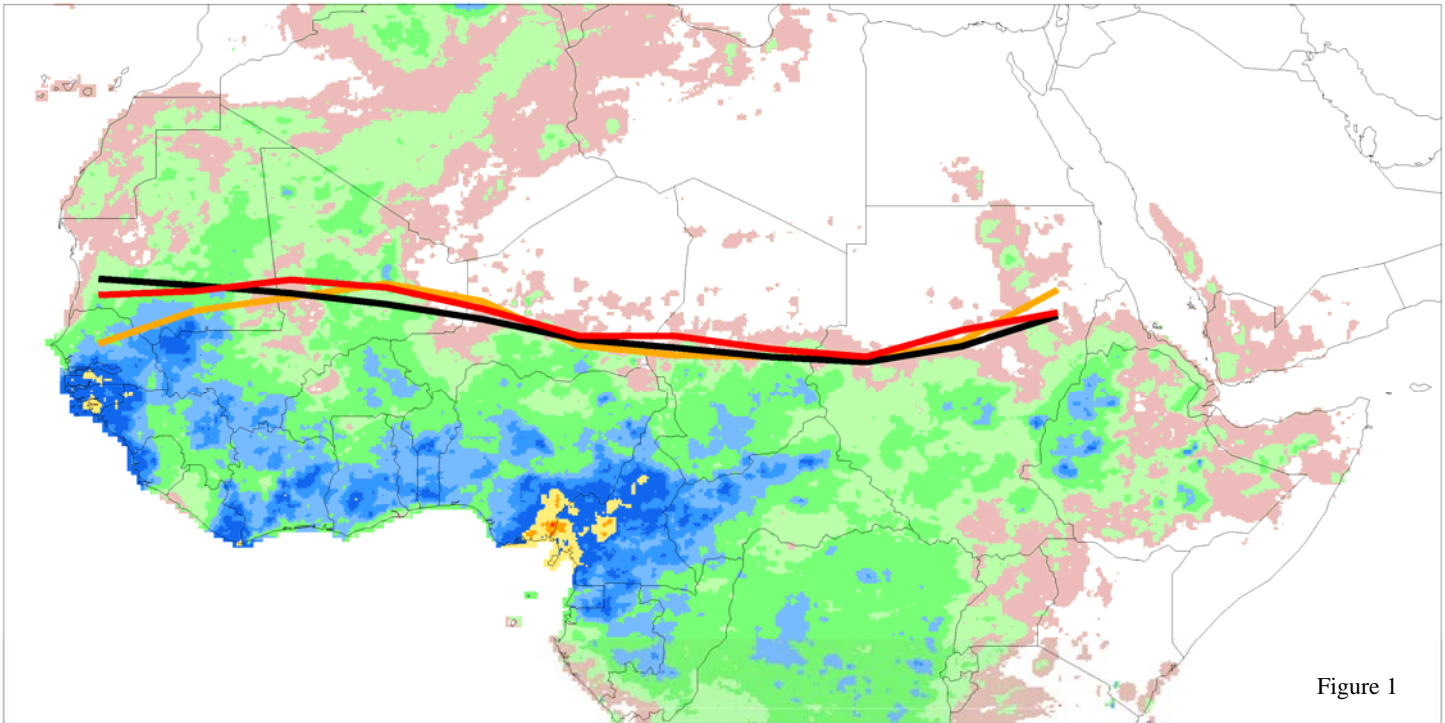


Figure 1

Accumulated Dekadal Precipitation:

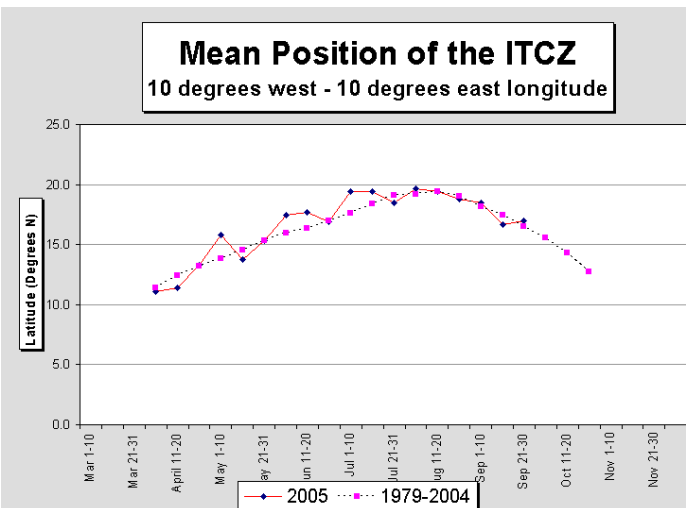
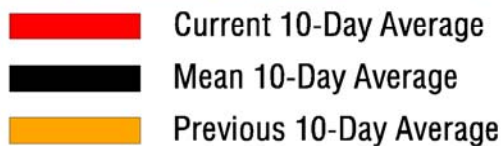


Figure 2

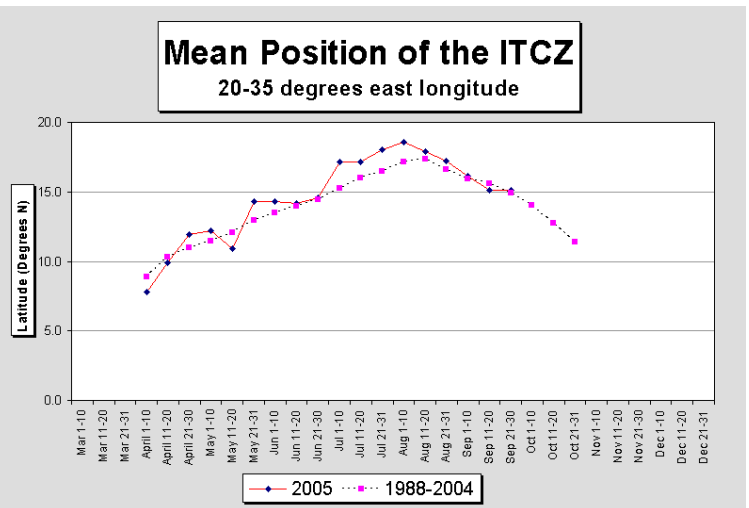


Figure 3

The African portion of the Intertropical Convergence Zone was located near 16.2 degrees north latitude during the previous dekad, compared to a long term mean position of 15.9N and a position of 15.7N during the previous dekad. All in all, the ITCZ remained fairly stationary during this period, with the most movement seen in the western area of Senegal, Mauritania, and Mali. This northward movement in the west was associated with abnormally heavy rains in the region of The Gambia, Guinea-Bissau, eastern Senegal, and western Mali. For the record, the western area (from 10W-10E) saw the ITCZ located near 17.0 degrees north during the past dekad, compared to a climatological mean of 16.6N and a position during the second dekad of September of 16.7N. In the east (20E-35E), the ITCZ was more stationary and was located near 15.1N compared to the long term average of 14.7N.