

Current vs Mean Position of the Africa ITF

As analyzed by the NOAA Climate Prediction Center

May 2010 Dekad 2

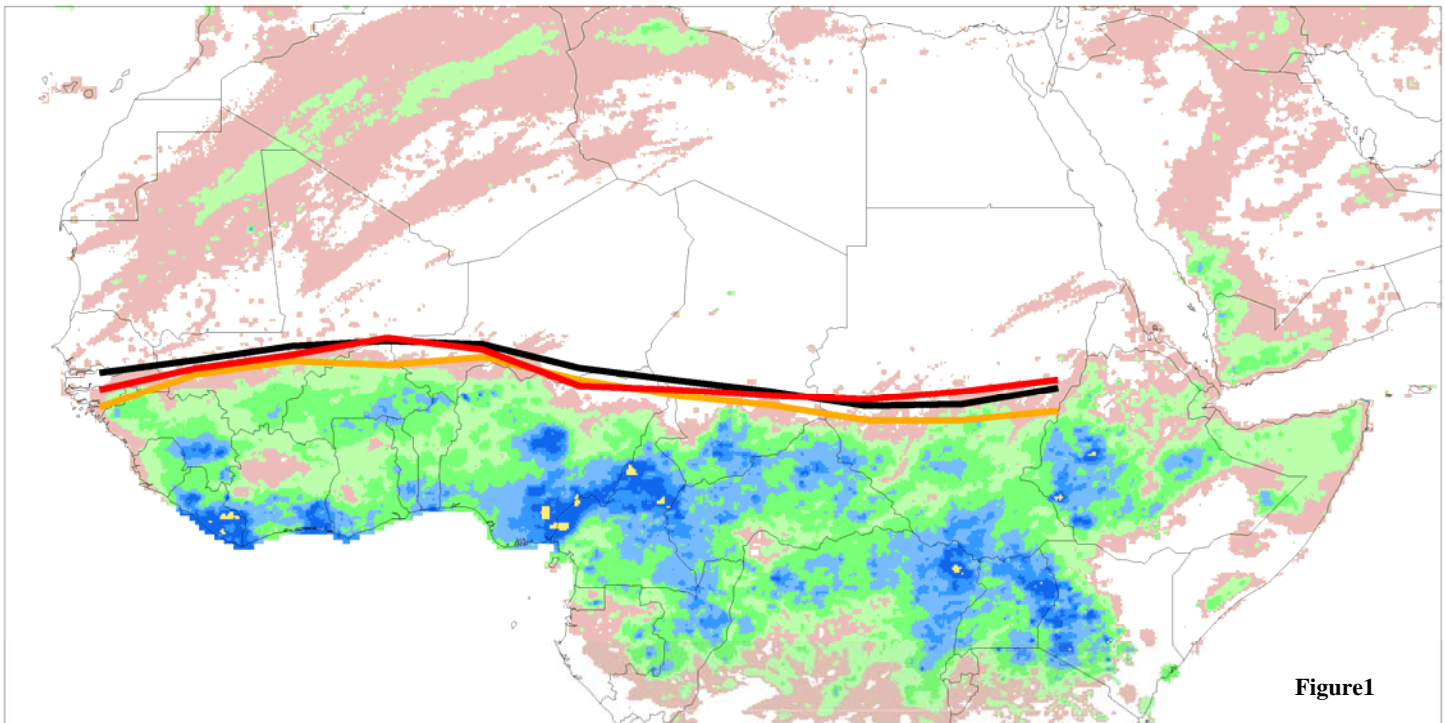
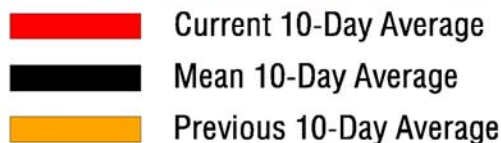


Figure 1

Accumulated Dekadal Precipitation:



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

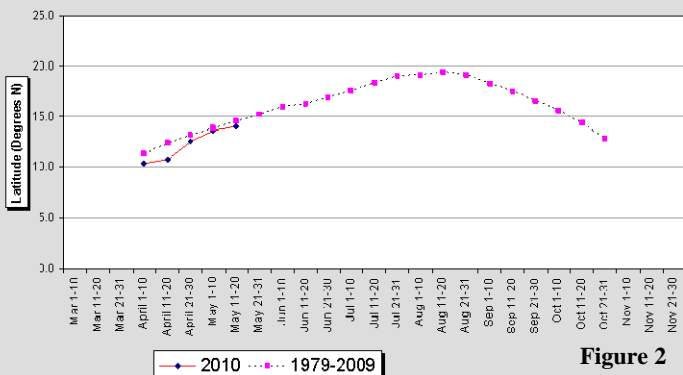


Figure 2

Mean Position of the ITF
20-35 degrees east longitude

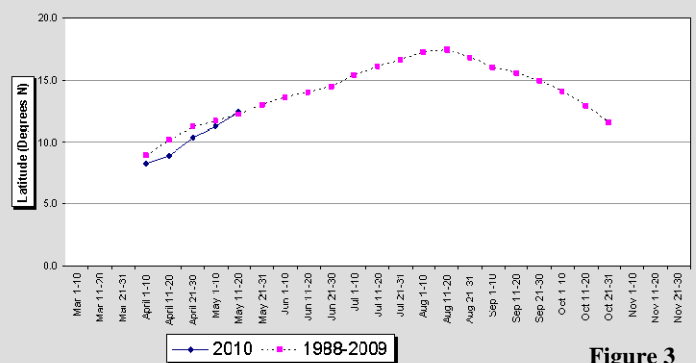


Figure 3

During the period from May 11-20, 2010, the advancement of the ITF progressed well with the climatological mean for mid-May. The mean western portion of the ITF during mid-May was approximated at 14.1N, with considerable northward movement over parts of Mali and Burkina Faso. Over parts of Nigeria however, the ITF experienced a modest lag relative to climatology. Similar to the previous dekad, the eastern portion of the ITF also experienced a considerable advancement particularly over Sudan and western Ethiopia. Compared to the climatological mean, the current eastern portion of the ITF is now ahead of climatology due to increased winds and moisture from the south that occurred during mid-May. Figure 1 reflects the current ITF position relative to its climatological mean and its previous placement in early May. Figures 2 and 3 illustrate that the eastern and western positions of the ITF are currently near average, and remain near its climatological average position for this time of the year.