

# Current vs. Mean Position of the Africa ITF Jul 2010 : Dekad 1

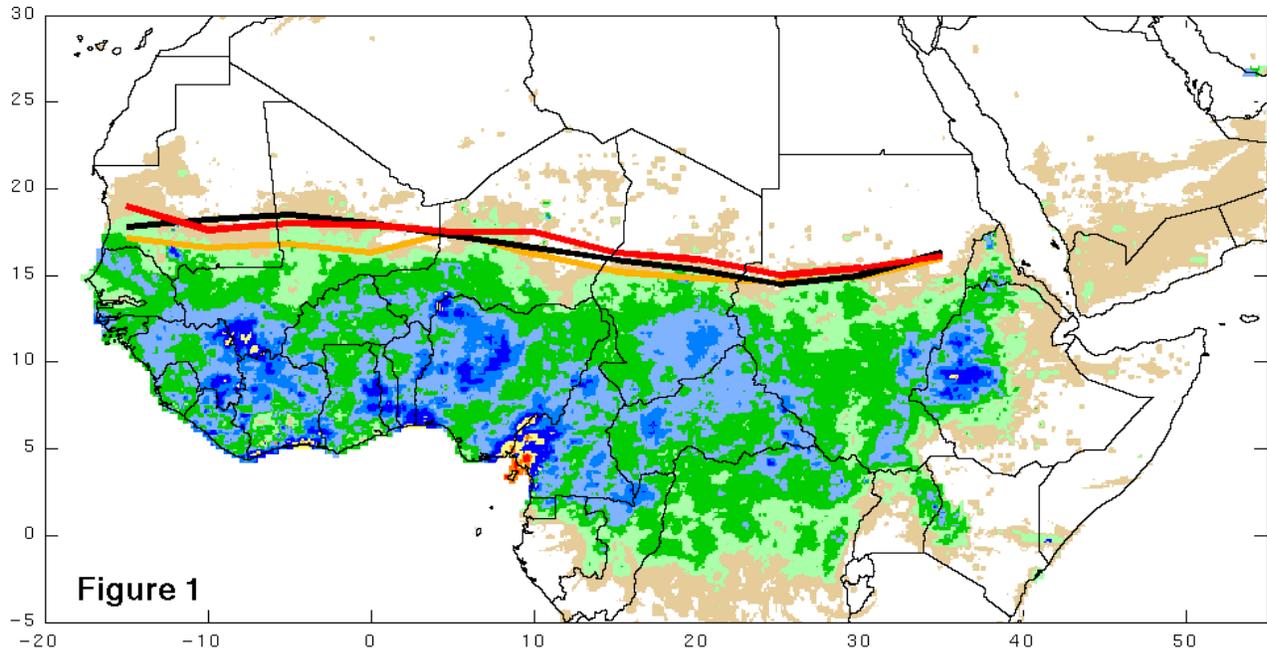
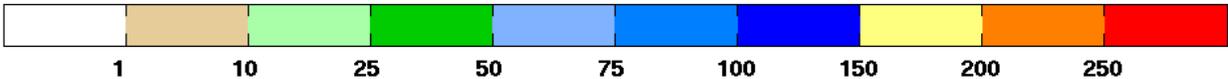


Figure 1

CPC RFE Accumulated Dekadal Precipitation (mm):



- Previous 10-Day Mean Position
- Normal 10-Day Mean Position
- Current 10-Day Mean position

Mean West Portion of ITF: Averaged 10°W to 10°E  
As of Jul 2010 : Dekad 1

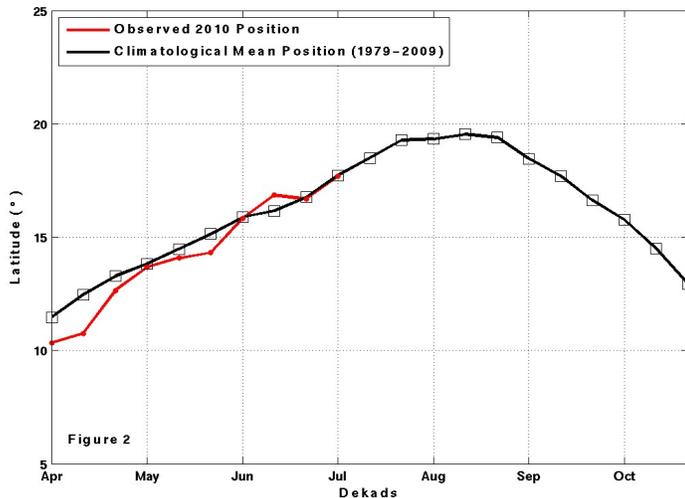


Figure 2

Mean East Portion of ITF: Averaged 20°E to 35°E  
As of Jul 2010 : Dekad 1

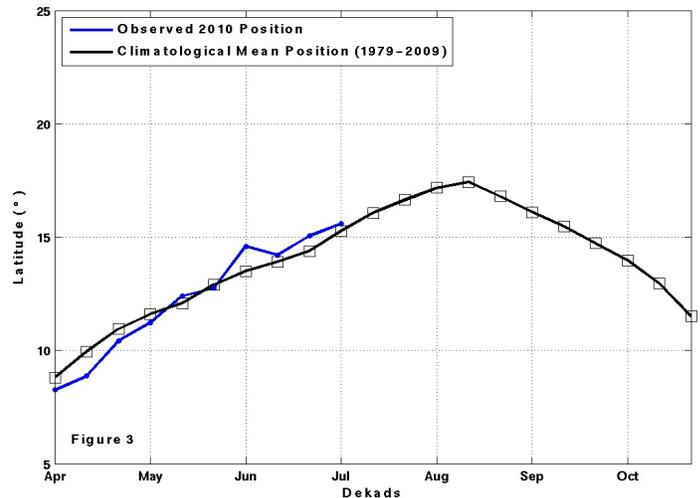


Figure 3

During the period from July 1-10, 2010, the ITF continued to seasonally advance further north since the previous dekadal position and remains ahead of the climatological mean over many areas in the Sahel. The mean western portion of the ITF was approximated at 17.7N, as there was a noticeable shift in position over portions of northern Senegal and southern Mauritania, as well as over portions of central Niger during the last ten days. Satellite rainfall estimates reflect high amounts of 10-day accumulated precipitation in these regions. The mean eastern portion of the ITF was approximated at 15.6N, and also remains ahead of the climatological mean extending from eastern Niger to central Chad. The above map (Figure 1) shows the current ITF position relative to the positions of climatology for early July, and the previous dekad. Figures 2 and 3 are time series illustrating the mean latitudinal values of the western and eastern portions of the ITF, respectively, and their observed seasonal advancement since the start of April.