



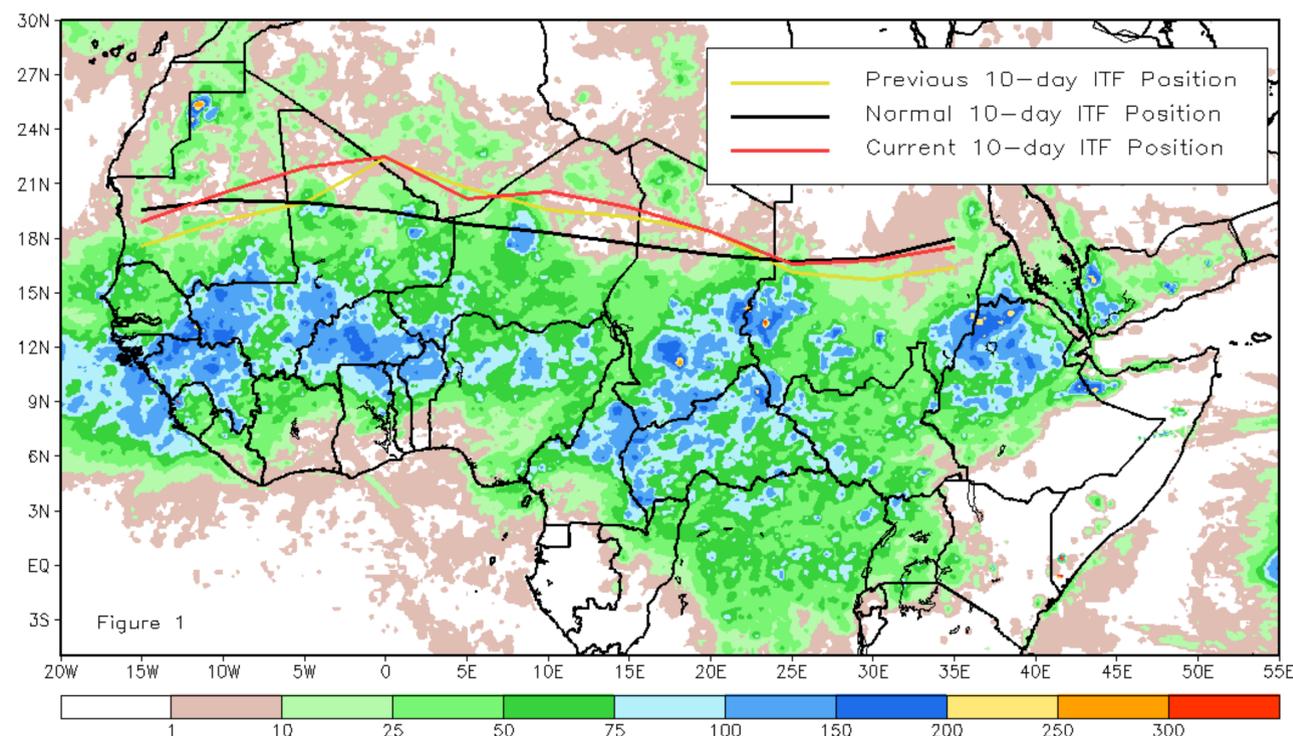
# CPC Africa Desk InterTropical (ITF) Front Analysis

## August 2015, Dekad 1

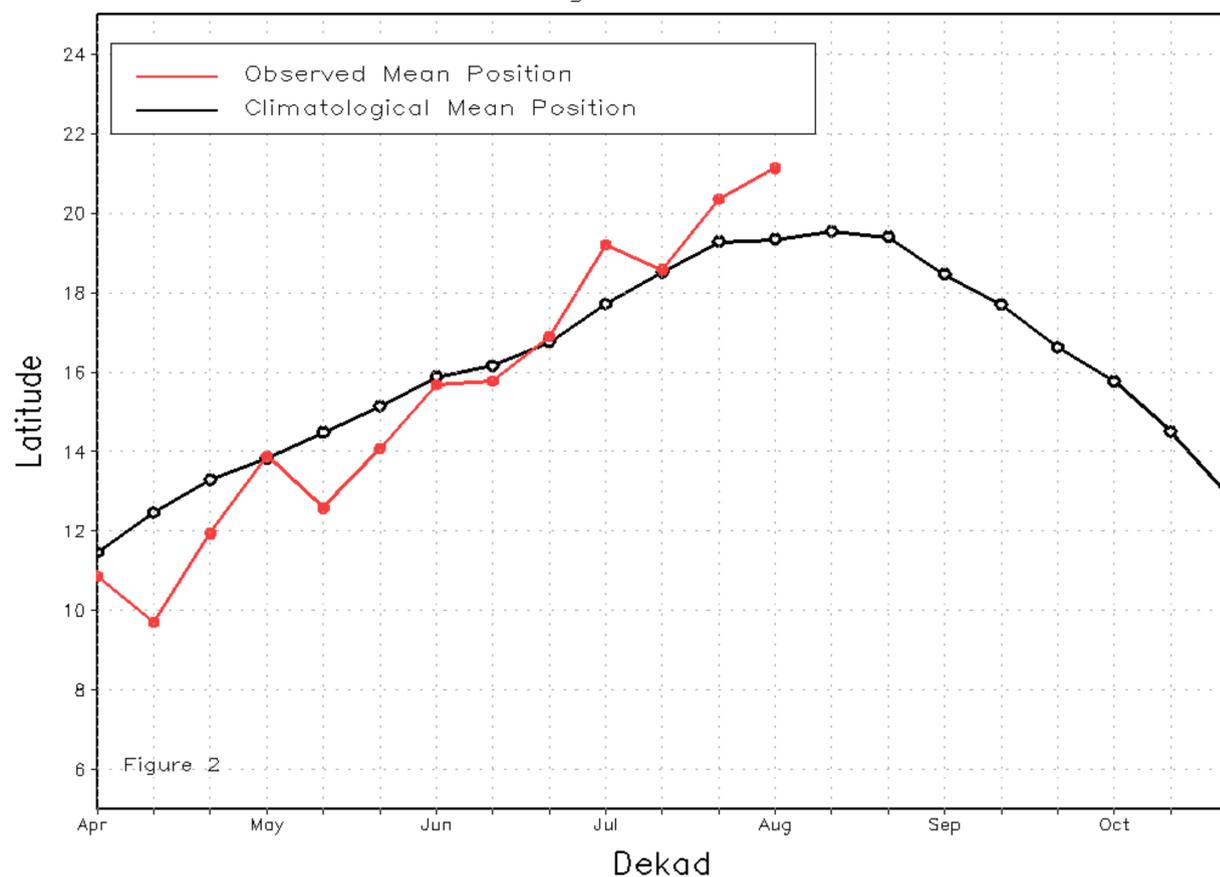
### Discussion:

During the first dekad of August, the ITF continued to experience much advancement throughout several regions of Africa. The mean western portion (10W-10E) of the ITF was estimated at 21.1 degrees North, nearly 2 degrees above the normal climatological position for early August. The anomalous mean western ITF position was associated with robust lower-level southerly flow across the Gulf of Guinea and Sahel regions, triggering locally heavy rainfall extending as far north as northern Mauritania and northern Mali. This latest positive latitudinal anomaly in the ITF is the highest observed anomaly since the beginning of the season. The mean eastern portion (20E-35E) of the ITF was approximated at 17.3 degrees North, and remained near the climatological normal position for early August. Figure 1 illustrates the current position of the ITF relative to its climatological position during the first dekad of August and its former position during the last dekad of July. Figures 2 and 3 are time series, illustrating the mean latitudinal values of the western and eastern portions of the ITF, respectively, and their evolution since April, 2015.

Current vs. Normal Dekadal ITF Position  
and RFE Accumulated Precipitation (mm)  
August 2015, Dekad 1



Mean Western Portion of the ITF: Averaged 10W to 10E  
As of: August 2015, Dekad 1



Mean Eastern Portion of the ITF: Averaged 20E to 35E  
As of: August 2015, Dekad 1

