



# CPC Africa Desk InterTropical (ITF) Front Analysis

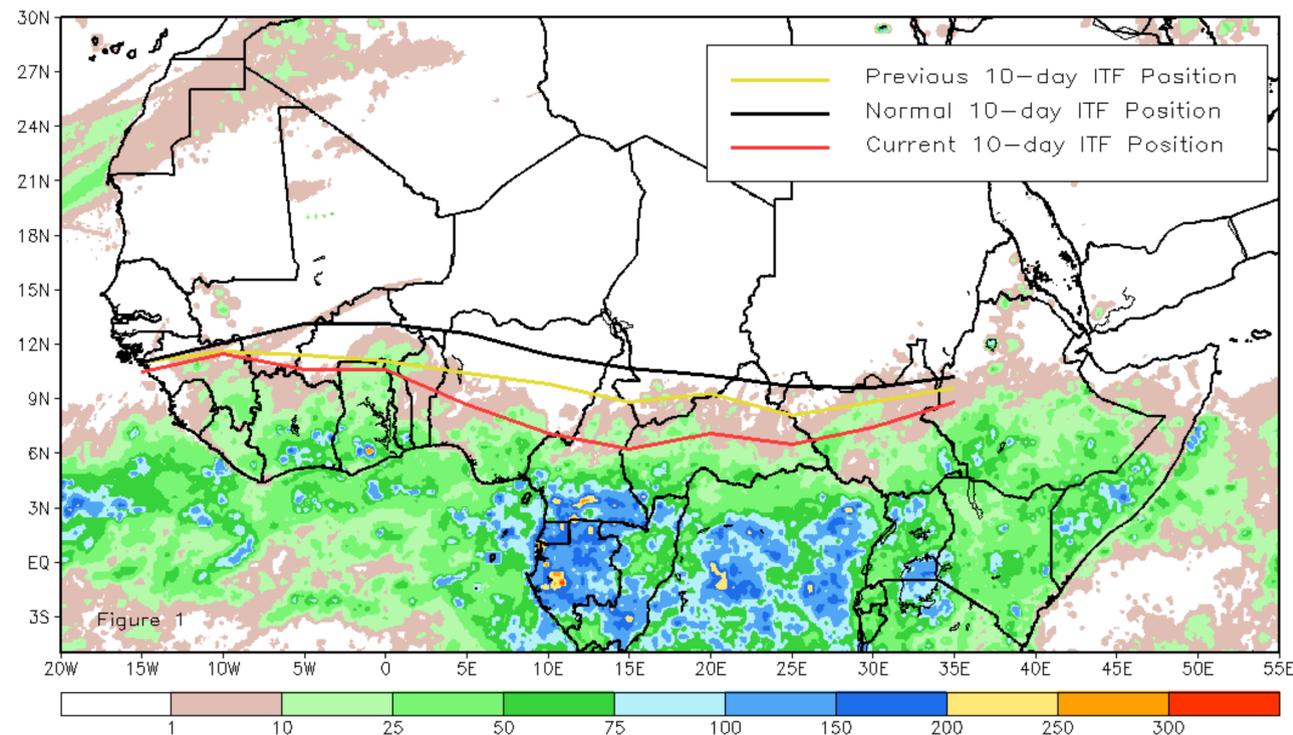
## April 2015, Dekad 2

### Discussion:

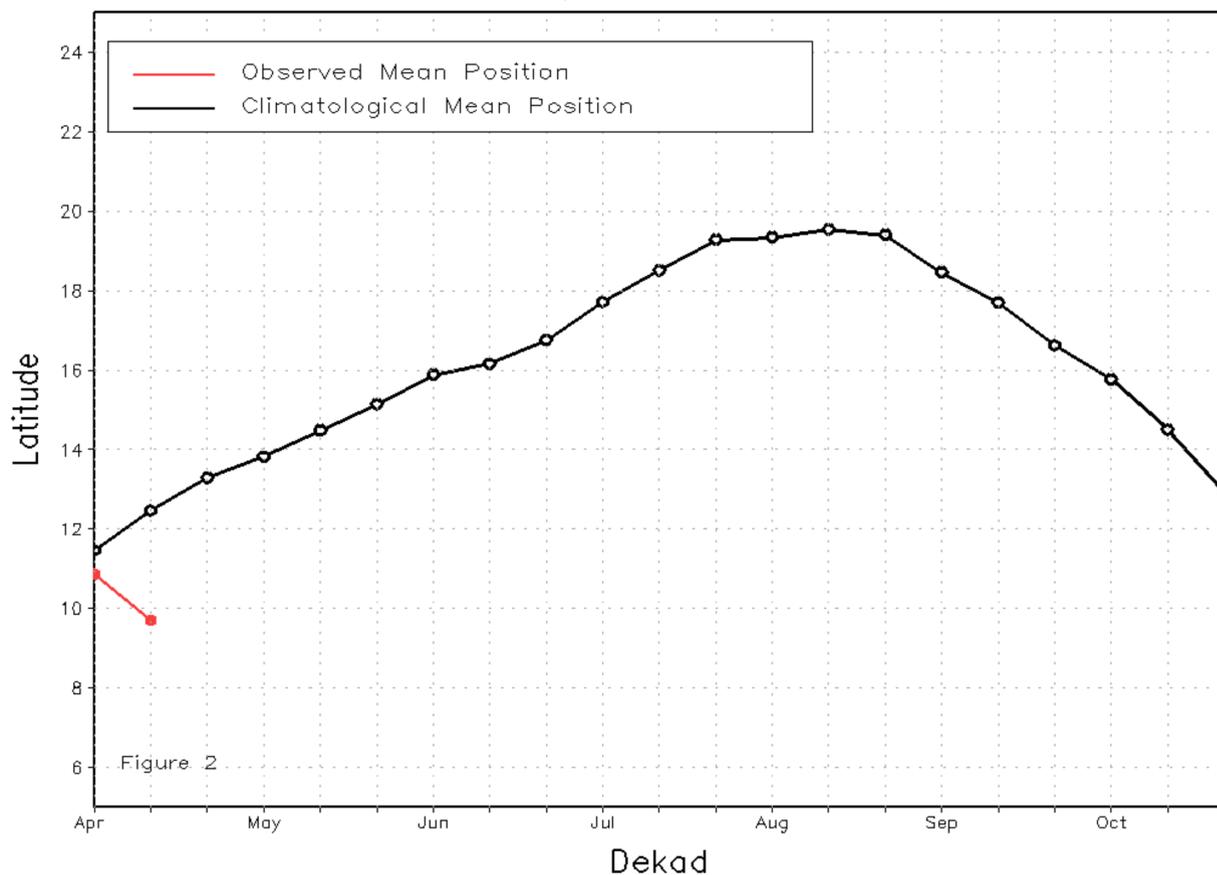
From April 11-20, 2015, the ITF positioned itself to the south of its former position during the first dekad of April and south of the long-term average position. Both the western (10W - 10E) and eastern (20E - 35E) portions of the ITF lagged behind the climatological position by more than 2 degrees due to persistent stronger than normal, dry northerly flow. The mean western portion of the ITF approximated only 9.7N, while the mean position averaged 12.5N during this period. Similarly, the mean eastern portion of the ITF was centered upon 7.4N, which was also to the south of the average position by 2.5 degrees. The anomalously southward position of the ITF has resulted in below-average rain across a wide swath of Africa from Liberia, Nigeria, to South Sudan. Figure 1 shows the current position of the ITF relative to its climatological position during the second dekad of April and its previous position during the first dekad of April. Figures 2 and 3 are time series, illustrating the mean latitudinal values of the western and eastern portion of the ITF, respectively, and their evolutions since April, 2015.

Current vs. Normal Dekadal ITF Position  
and RFE Accumulated Precipitation (mm)

April 2015, Dekad 2



Mean Western Portion of the ITF: Averaged 10W to 10E  
As of: April 2015, Dekad 2



Mean Eastern Portion of the ITF: Averaged 20E to 35E  
As of: April 2015, Dekad 2

