



# CPC Africa Desk InterTropical (ITF) Front Analysis

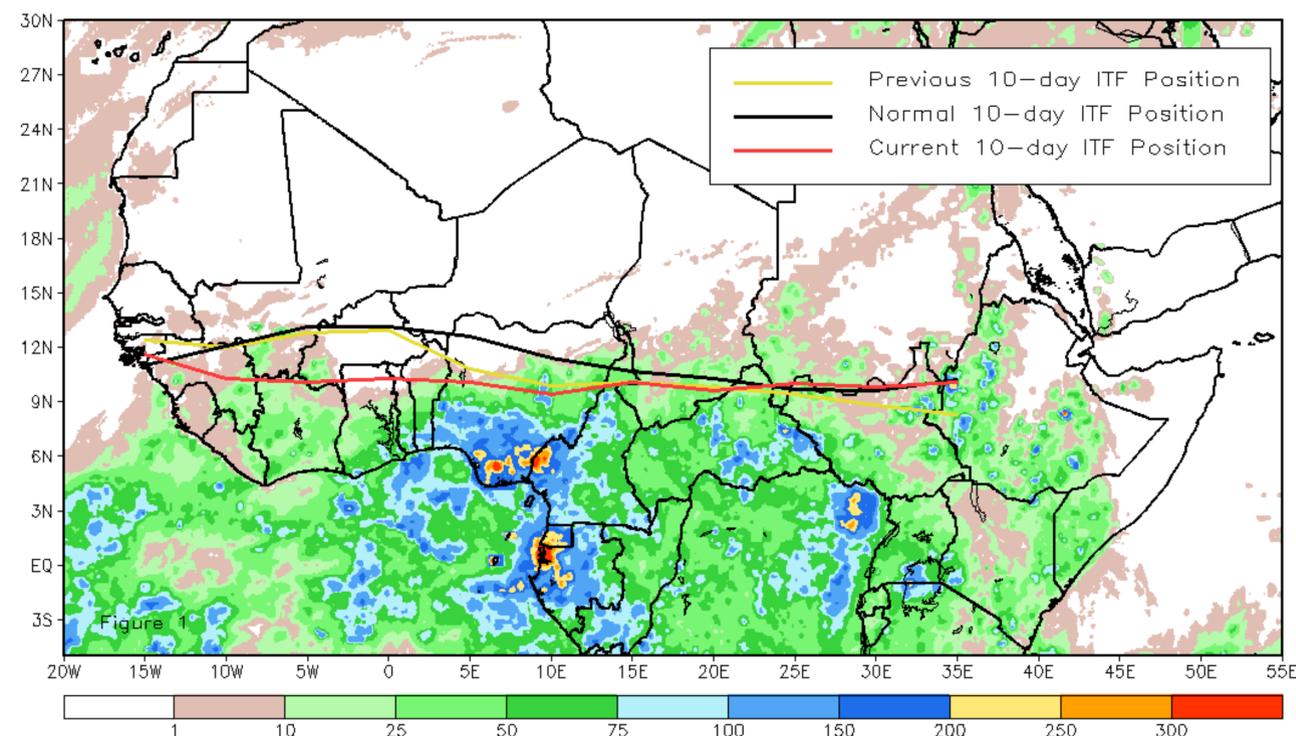
## April 2017, Dekad 2

### Discussion:

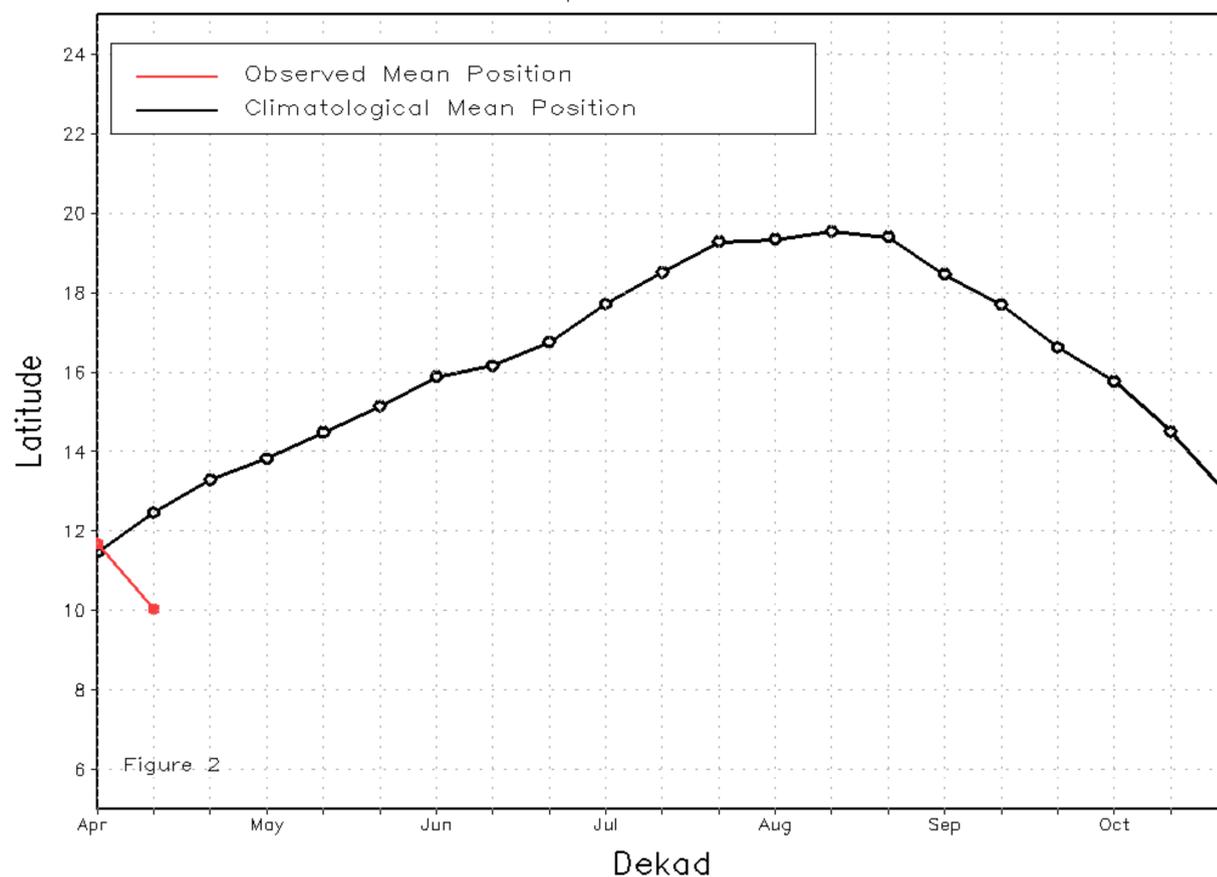
During the second dekad of April (April 11-20), the ITF experienced a significant departure from its climatological normal across many Gulf of Guinea countries, while maintaining a near-normal position across eastern Africa. The mean western portion of the ITF (10W-10E) was approximated at 10.0N, falling well below the climatological normal position (12.5N) for the middle of April, and also retreating from its previous mean position (11.7) since the 1st dekad of April. The below-normal mean ITF position in the west was associated with strong dry, northerly winds in the region, and largely suppressed rainfall over many parts of Liberia, Guinea, Cote D'Ivoire, Burkina Faso, Ghana and Nigeria. The mean eastern portion of the ITF (20E-35E) was approximated at 9.9N, matching its normal climatological position during the 2nd dekad of April. Figures 2 and 3 are time series illustrating the mean latitudinal values of the western and eastern portions of the ITF, respectively, and their seasonal evolutions since the start of April, 2017.

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

April 2017, Dekad 2



Mean Western Portion of the ITF: Averaged 10W to 10E  
As of: April 2017, Dekad 2



Mean Eastern Portion of the ITF: Averaged 20E to 35E  
As of: April 2017, Dekad 2

