



CPC Africa Desk InterTropical (ITF) Front Analysis

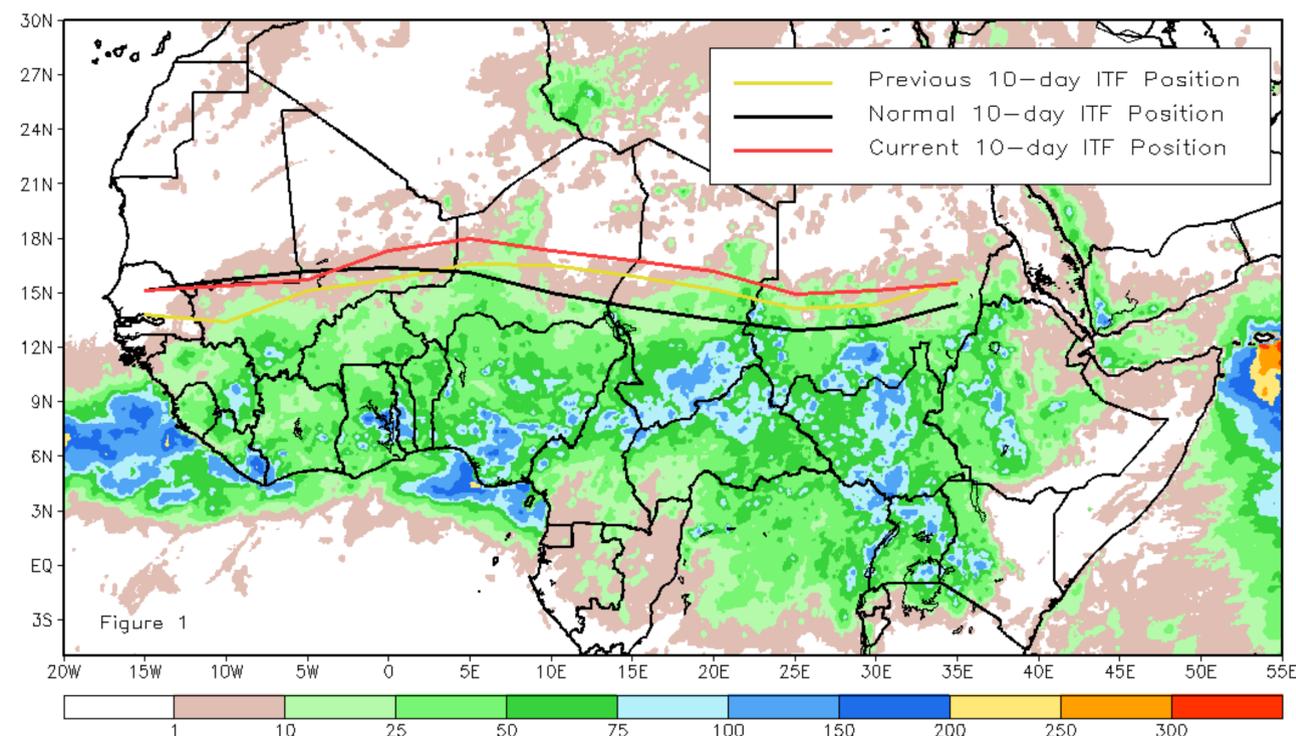
June 2019, Dekad 1

Discussion:

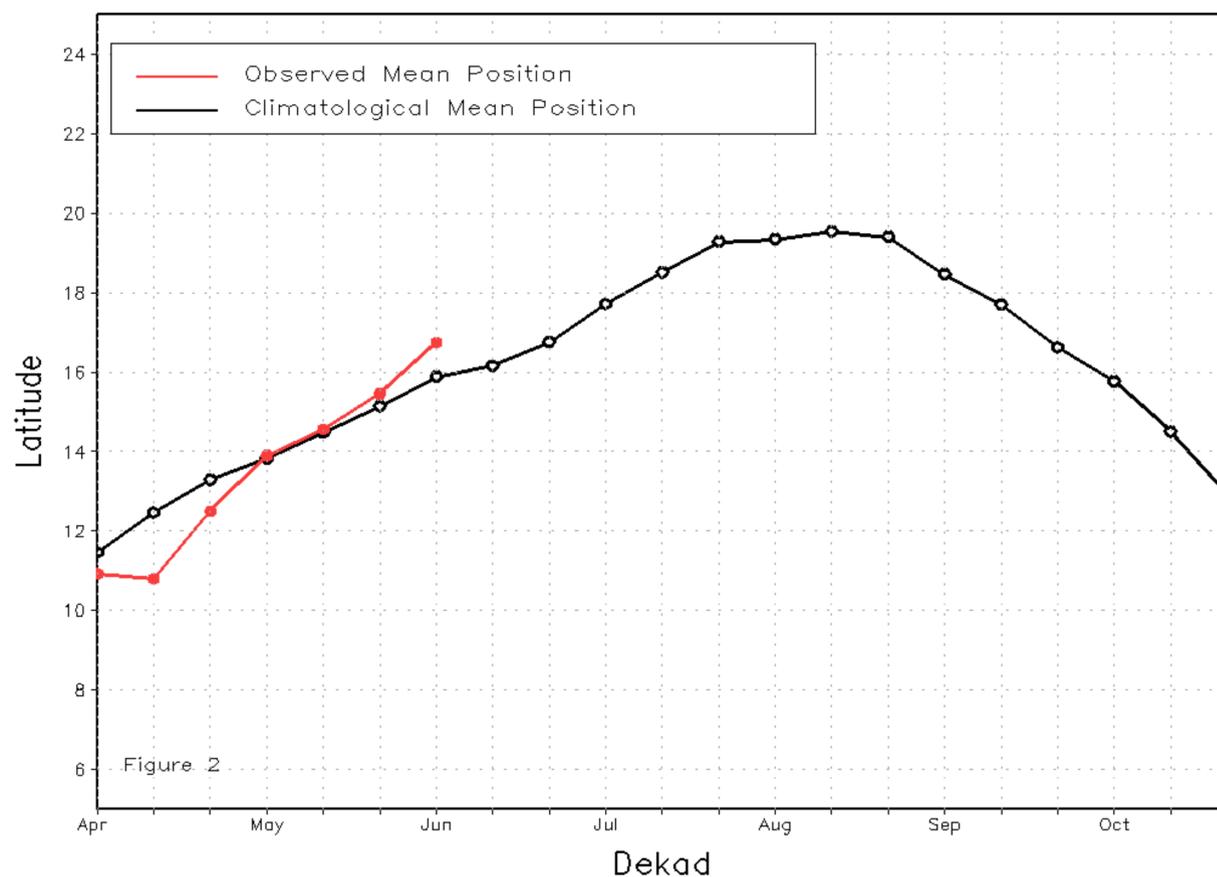
From June 01-10, the ITF moved further north across Africa all along the longitude compared to last decade. The mean western (15W-5W) portion of the ITF moved farther north compared to the last decade, however, its position is under 0.1 degree of the climatological average and over 2 degree compared to the last decade. This may have increased the chance of above-average rainfall over the coastline of the Gulf of Guinea toward the Sahel region. Between 5W-35E, the ITF propagated substantially to the north and was approximated at 18N for the highest part part and 15.1N for the lowest part, which is a degree higher than the previous decade position. This reflect the observed above-average rainfall over southern Mali, southern Niger, southern Tchad, southern Niger, southern Sudan and South Sudan during the period. Figure 1 shows the current position of the ITF relative to the long-term average position during the 3rd decade of May and its previous position during the 1st decade of May. Figures 2 and 3 are time series, illustrating the latitudinal values of the western and eastern portions of the ITF, respectively, and their seasonal evolutions since April, 2019.

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

June 2019, Dekad 1



Mean Western Portion of the ITF: Averaged 10W to 10E
As of: June 2019, Dekad 1



Mean Eastern Portion of the ITF: Averaged 20E to 35E
As of: June 2019, Dekad 1

