



CPC Africa Desk InterTropical (ITF) Front Analysis

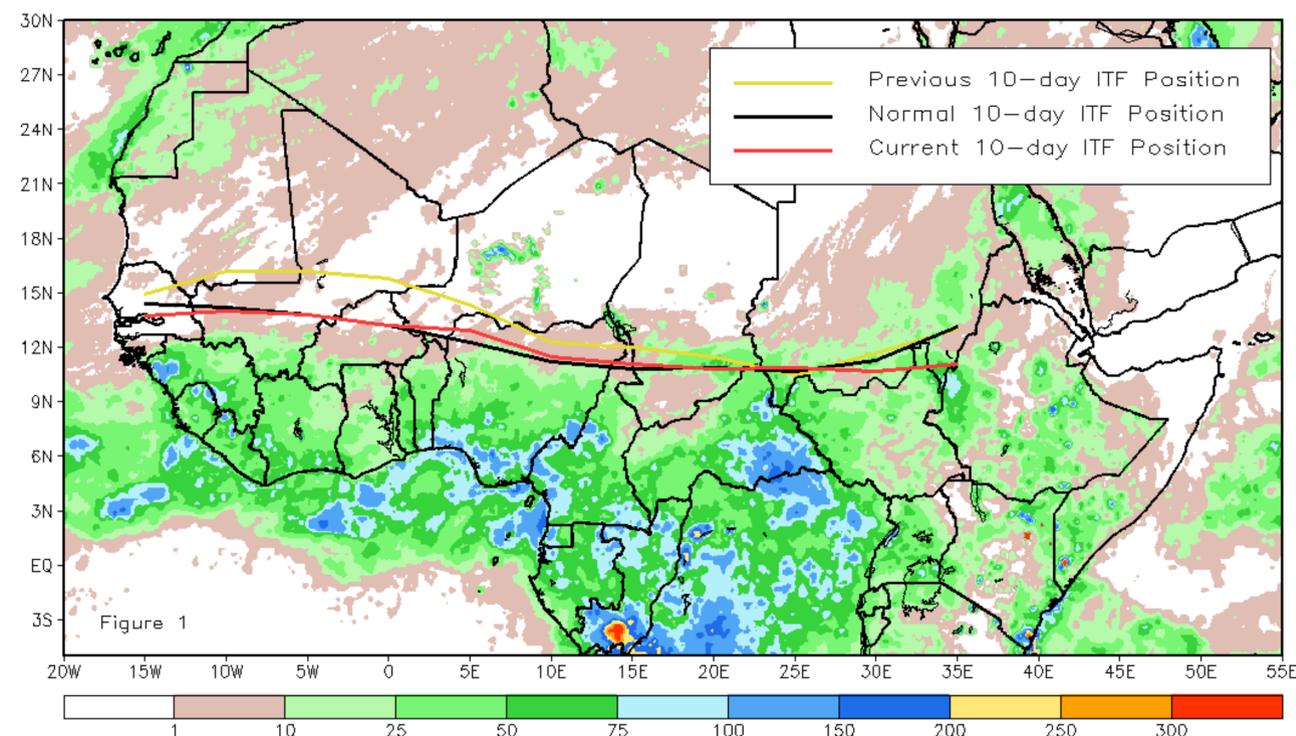
October 2018, Dekad 3

Discussion:

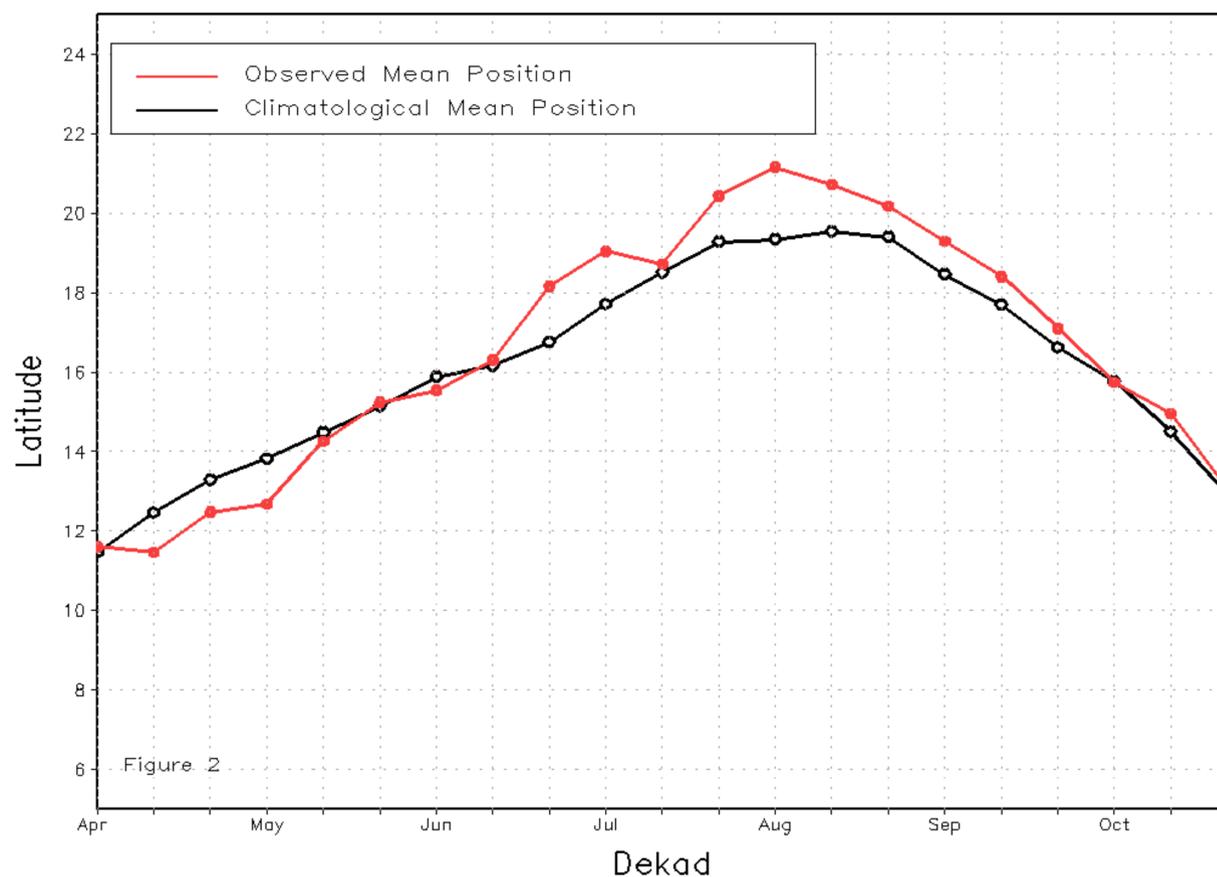
From October 21-31, the ITF continued its equatorward retreat, rapidly in the west but more slowly in the east. The ITF was close to the climatological position along most of its length. The mean western (10W-10E) portion of the ITF was approximated at 13.1N, a drop of 1.9 degrees. The displacement of the ITF to within a couple tenths of a degree of its average position put an end to late-season rain across the western Sahel. The mean eastern (20E-35E) portion of the ITF was approximated at 10.9N, south of the previous dekad by 0.8 degrees. The eastern ITF position for late October fell below the normal position by 0.6 degrees and marked the 5th consecutive below-normal dekad to end the season. Figure 1 shows the current position of the ITF compared to the climatological position during the 3rd dekad of October, and its previous position during the 2nd dekad of October. 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, 2018.

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

October 2018, Dekad 3



Mean Western Portion of the ITF: Averaged 10W to 10E
As of: October 2018, Dekad 3



Mean Eastern Portion of the ITF: Averaged 20E to 35E
As of: October 2018, Dekad 3

