

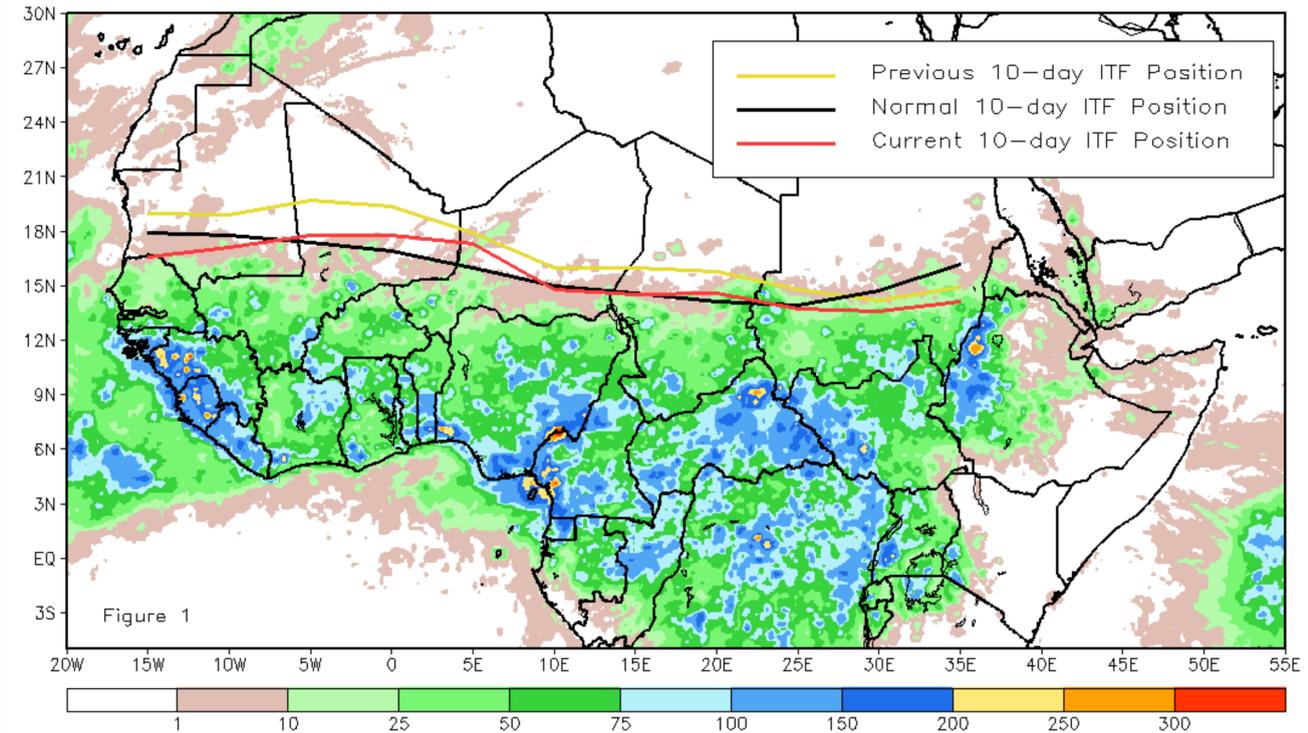


CPC Africa Desk InterTropical (ITF) Front Analysis September 2014, Dekad 3

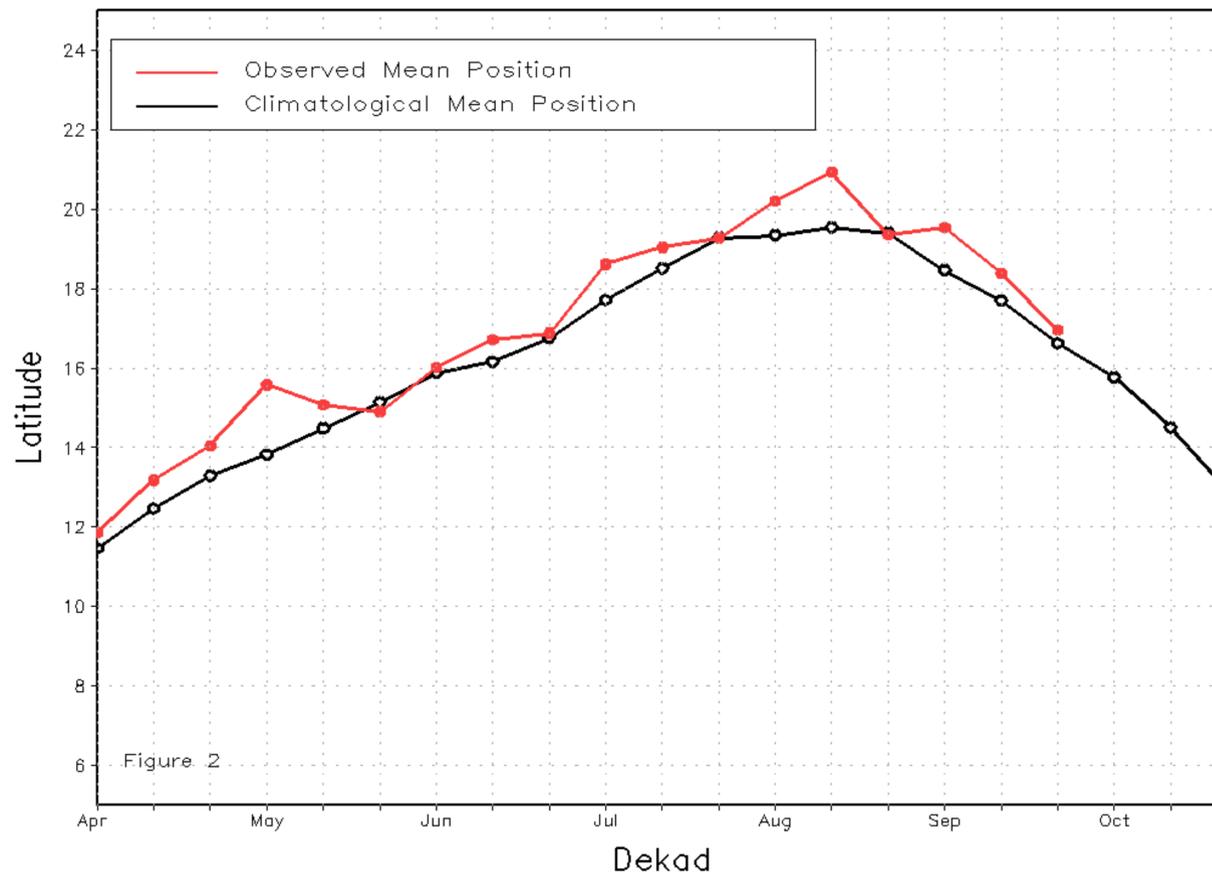
Discussion:

From September 21-30, 2014, the ITF maintained its continued equatorward progression in both eastern and western sections of Africa. The mean western portion of the ITF (10W to 10E) was approximated at 17.0N, which was 1.4 degrees south of the previous dekads position and 0.4 degrees north of the mean climatological position. The ITFs position in western Africa was not continuous as strong southerlies caused the ITF to bulge northward across central Mali and bordering Niger. Overall, rainfall was above-average across West Africa during the third dekad of September. The mean eastern portion of the ITF (20E to 35E) was approximated at 14.0N, which was 0.9 degrees south of the previous dekads position and 0.7 degrees south of the mean climatological position. This marked the second consecutive dekad where the ITF was anomalously south of the mean climatological position. However, rainfall continued to be average to above-average across eastern Africa. The ITFs progression equatorward remains close to average for this time of year. Figure 1 shows the current ITF position relative to the positions of climatology for the third dekad of September, and its previous position during the second dekad of September. Figures 2 and 3 are time series illustrating the mean latitudinal values of the western and eastern portions of the ITF, respectively, and their observed progressions since April, 2014.

Current vs. Normal Dekadal ITF Position
and RFE Accumulated Precipitation (mm)
September 2014, Dekad 3



Mean Western Portion of the ITF: Averaged 10W to 10E
As of: September 2014, Dekad 3



Mean Eastern Portion of the ITF: Averaged 20E to 35E
As of: September 2014, Dekad 3

