



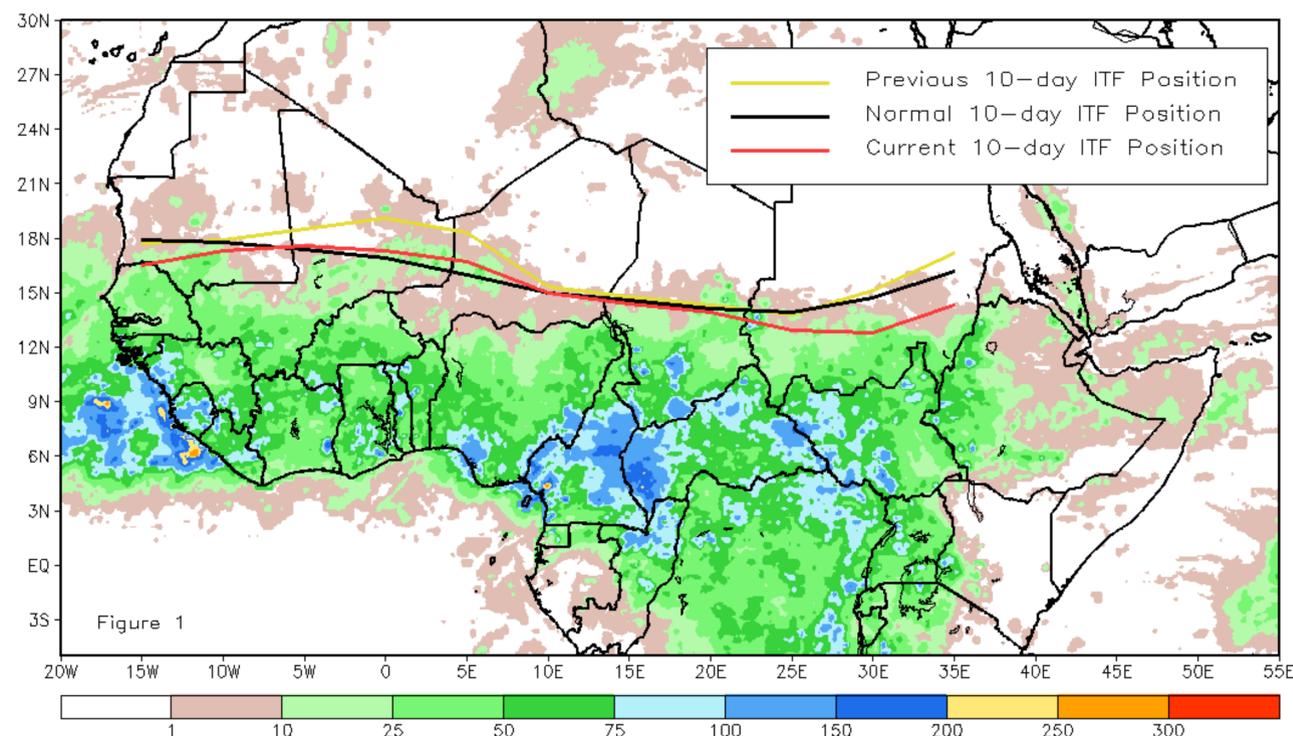
CPC Africa Desk InterTropical (ITF) Front Analysis

September 2013, Dekad 3

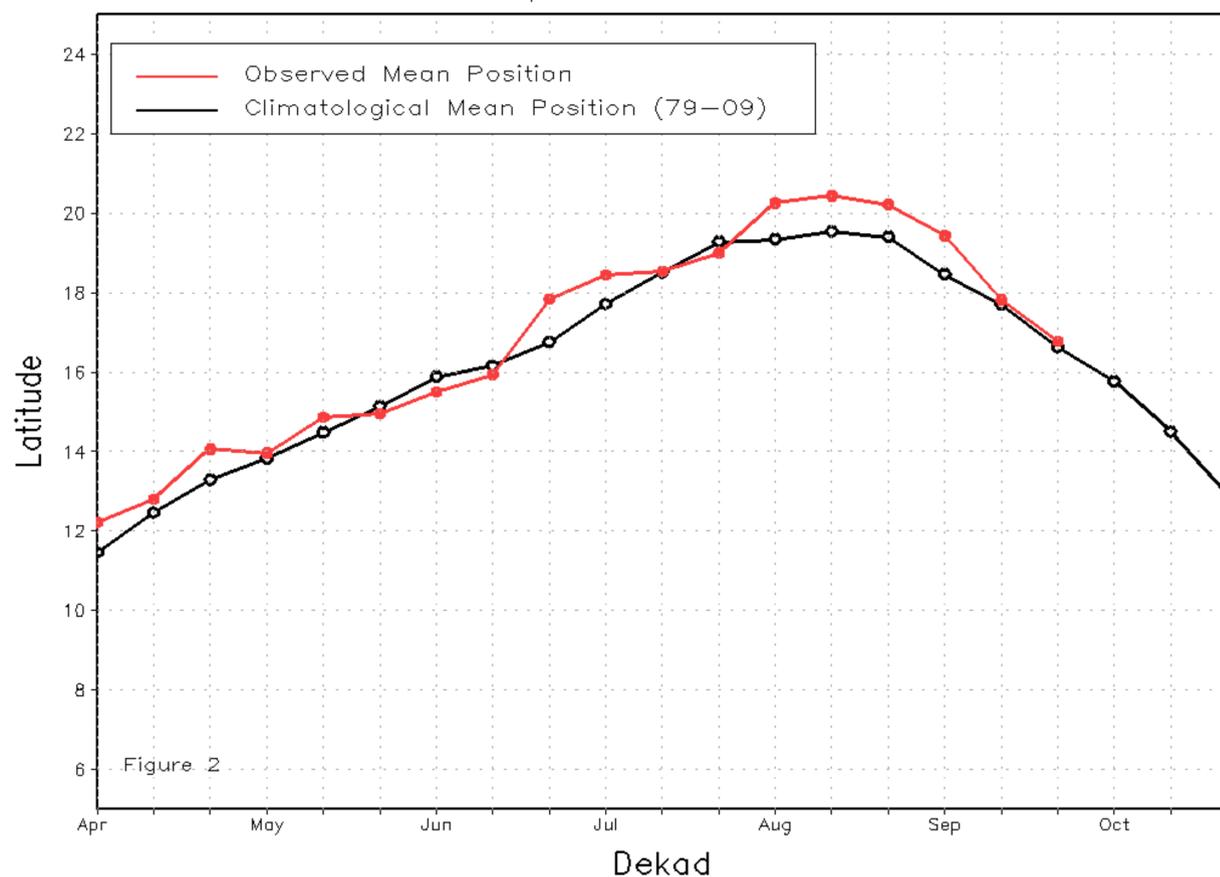
Discussion:

From September 21-30, 2013, the ITF was displaced equatorward of climatology over eastern Africa while being located close to climatology in West Africa. The mean western portion of the ITF (10W-10E) was located approximately at 16.8 degrees North, which was 0.2 degrees north of the mean climatological position. Anomalous southerly flow during several days of the dekad resulted in above average rain in central Mali. The mean eastern portion of the ITF (20E-35E) was located approximately at 13.5 degrees North, which was 1.2 degrees south of the mean climatological position and 1.6 degrees south of the previous dekads position. This equatorward displacement was associated with anomalous northerly winds and drier than average conditions across central Sudan. Figure 1 shows the current ITF position relative to its long-term average position during 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 portion of the ITF, respectively, and their evolutions since April, 2013.

Current vs. Normal Dekadal ITF Position
and RFE Accumulated Precipitation (mm)
September 2013, Dekad 3



Mean Western Portion of the ITF: Averaged 10W to 10E
As of: September 2013, Dekad 3



Mean Eastern Portion of the ITF: Averaged 20E to 35E
As of: September 2013, Dekad 3

