



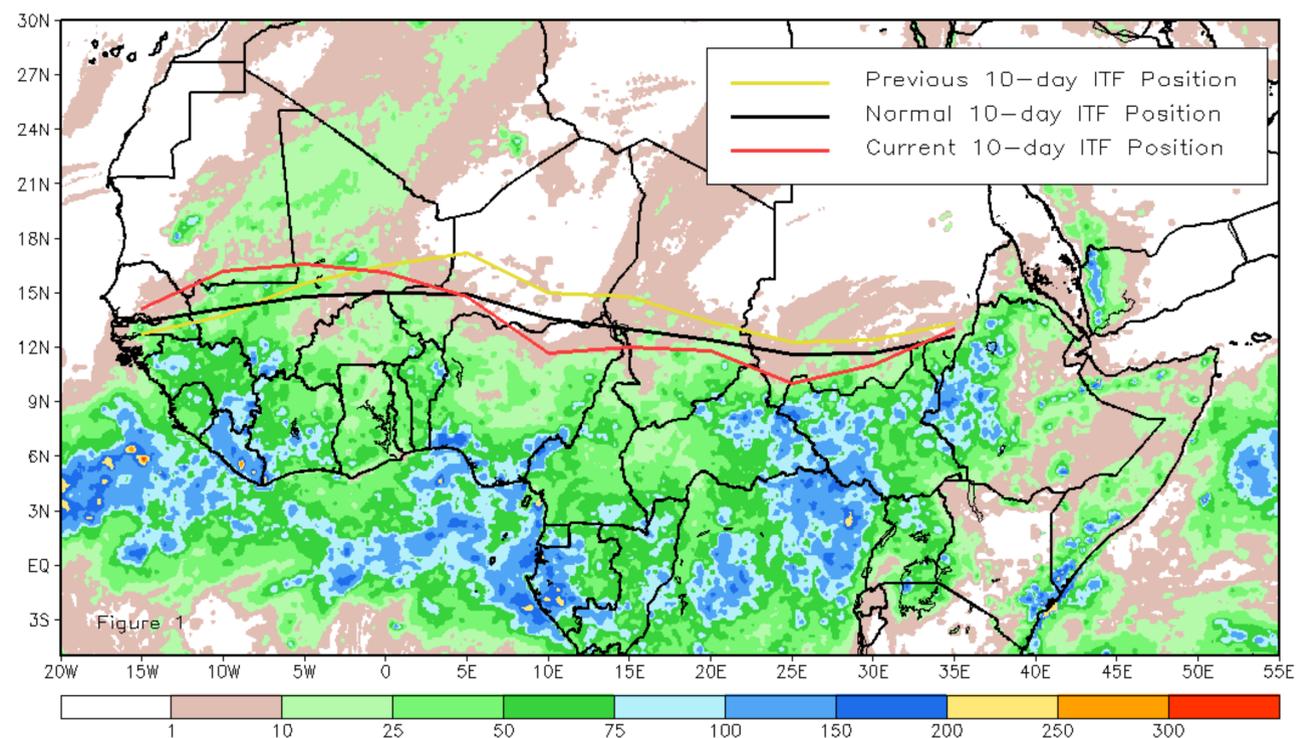
CPC Africa Desk InterTropical (ITF) Front Analysis

May 2014, Dekad 2

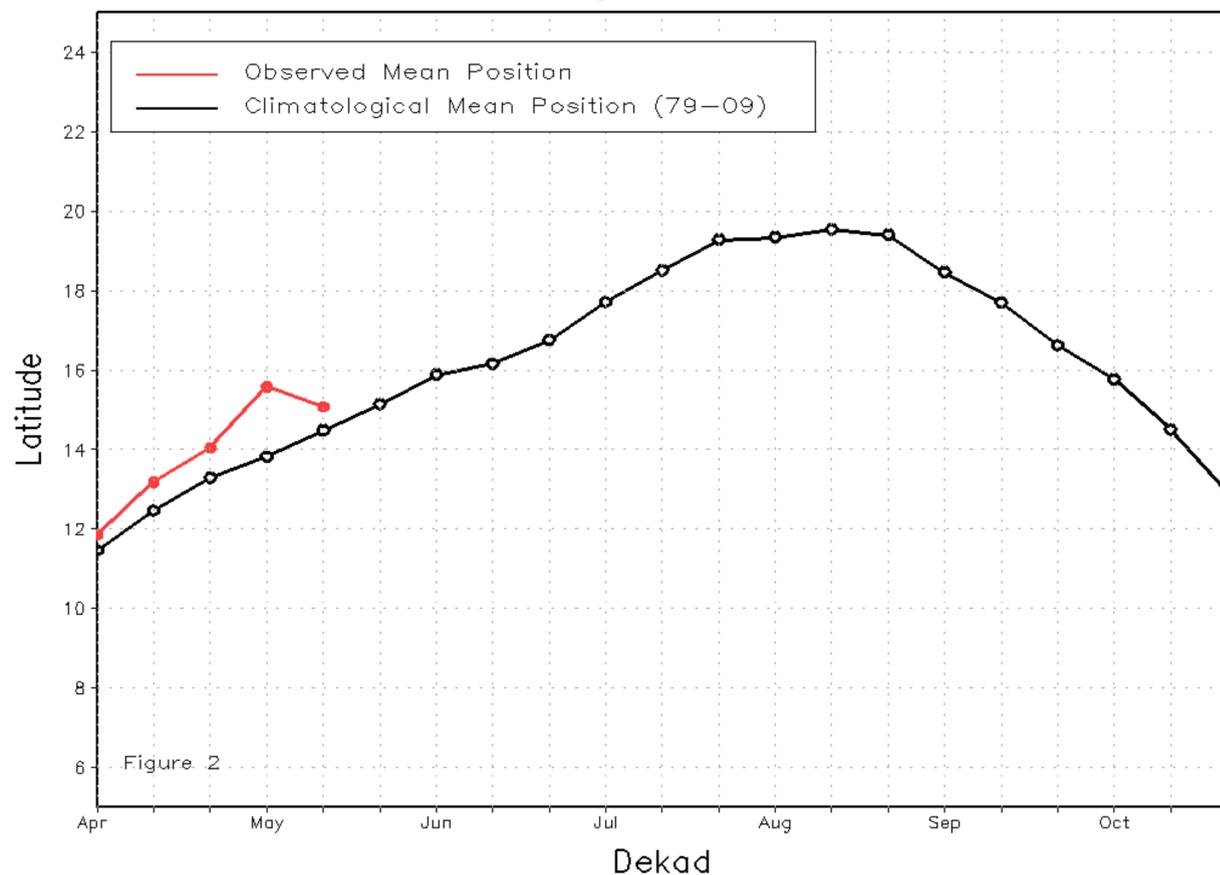
Discussion:

From May 11-20, 2014, the ITF continued its seasonal northward advancement and exhibited anomalous positioning in both the West and Eastern portions of Africa. The mean western portion (10W-10E) of the ITF was approximately located at 15.1 degrees N, leading the climatological mean position over parts of Mali, but falling behind both the climatological mean and previous dekadal position over parts of Nigeria and Niger. The sharp equatorward slope of the ITF in the latter region was associated with strong anomalous northerly winds, and dry air entrainment also leading to suppressed rainfall during the past dekad. The mean eastern portion of the ITF was approximately located at 11.4 degrees N, and remained anomalously displaced to the south of both climatology and the previous dekadal position. Figure 1 shows the current position of the ITF relative to its long-term average for the second dekad of May and its former position during the first dekad of May. 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, 2014.

Current vs. Normal Dekadal ITF Position
and RFE Accumulated Precipitation (mm)
May 2014, Dekad 2



Mean Western Portion of the ITF: Averaged 10W to 10E
As of: May 2014, Dekad 2



Mean Eastern Portion of the ITF: Averaged 20E to 35E
As of: May 2014, Dekad 2

