



CPC Africa Desk InterTropical (ITF) Front Analysis

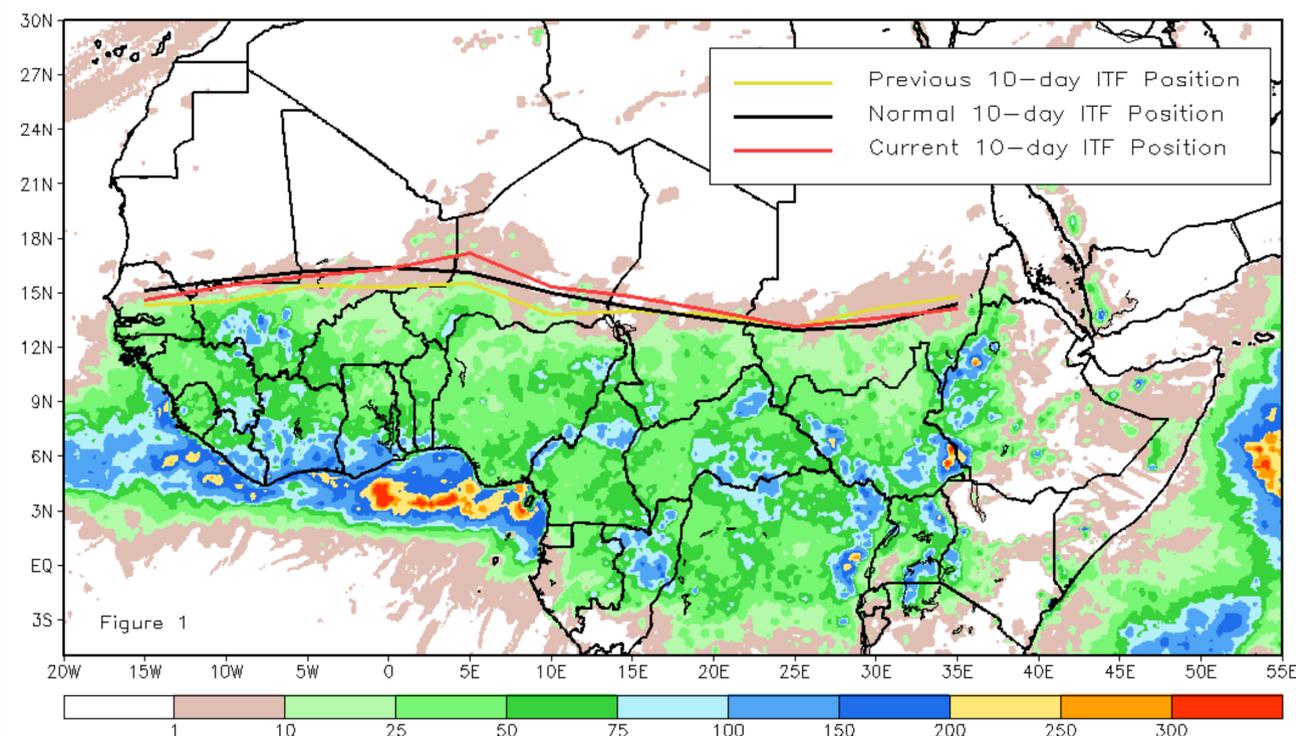
June 2014, Dekad 1

Discussion:

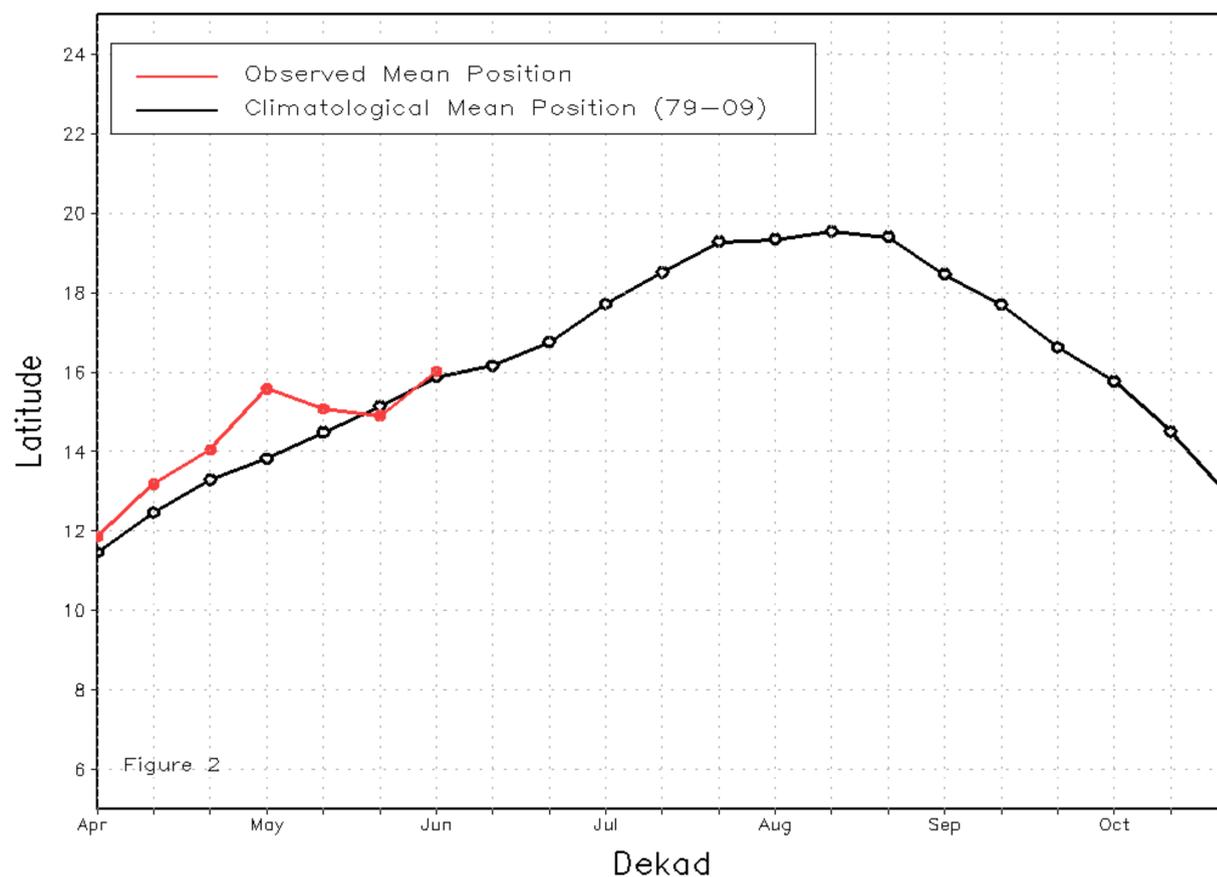
From June 1-10, 2014, the ITF tracked close to its climatological mean over both western and eastern Africa. The mean western portion of the ITF (10W-10E) was located approximately at 16.0 degrees North, which is 0.1 degrees north of the mean climatological position and 1.1 degrees north of the previous dekads position. The past two dekads have observed a seasonal location of the ITF as both dekads were within 0.2 degrees of the mean. Rainfall, however, during the past dekad was enhanced across far western West Africa and below-average over Nigeria. The mean eastern portion of the ITF (20E-35E) was located approximately at 13.7 degrees North, which was 0.2 degrees north of the mean climatological position but 0.3 degrees south of the previous dekads position. While still observed around climatology, the ITF progressed equatorward during the past dekad likely resulting in below-average rain in Sudan and South Sudan. Figure 1 shows the current ITF position relative to its long-term average position during the first dekad of June and its previous position during the third 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)

June 2014, Dekad 1



Mean Western Portion of the ITF: Averaged 10W to 10E
As of: June 2014, Dekad 1



Mean Eastern Portion of the ITF: Averaged 20E to 35E
As of: June 2014, Dekad 1

