



CPC Africa Desk InterTropical (ITF) Front Analysis

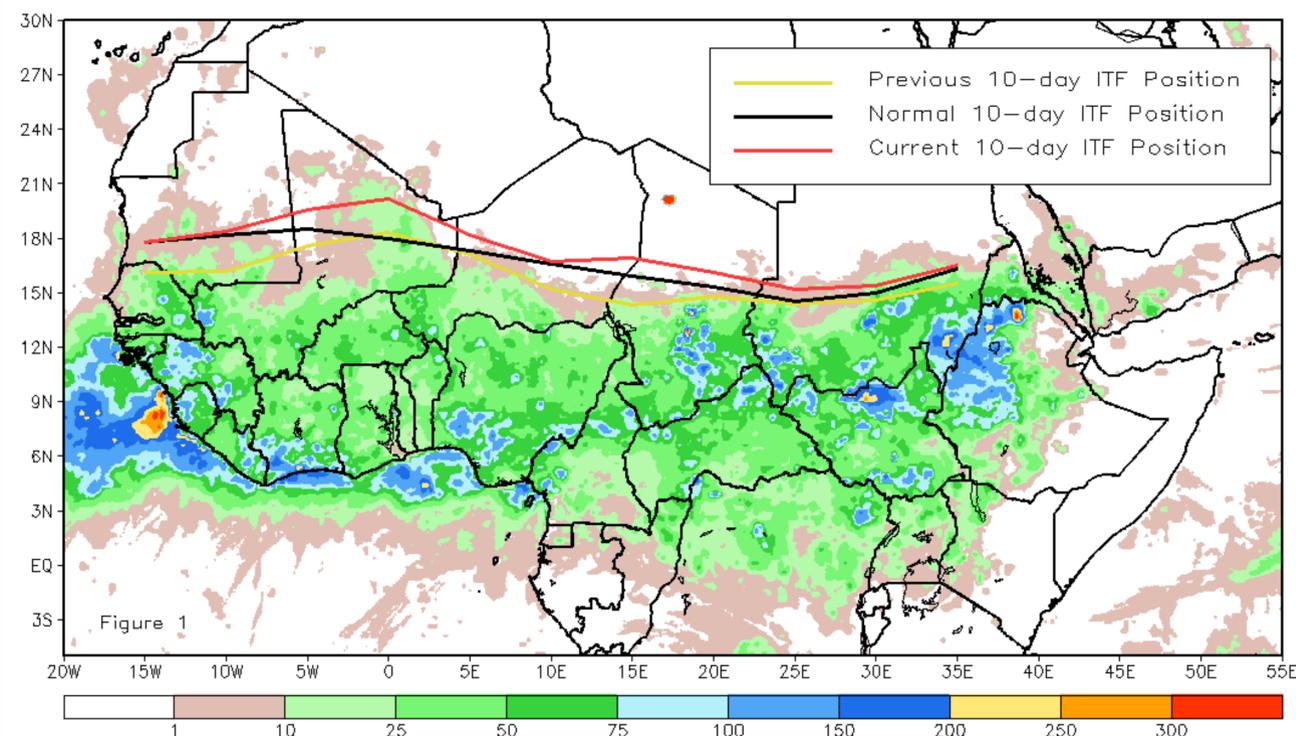
July 2014, Dekad 1

Discussion:

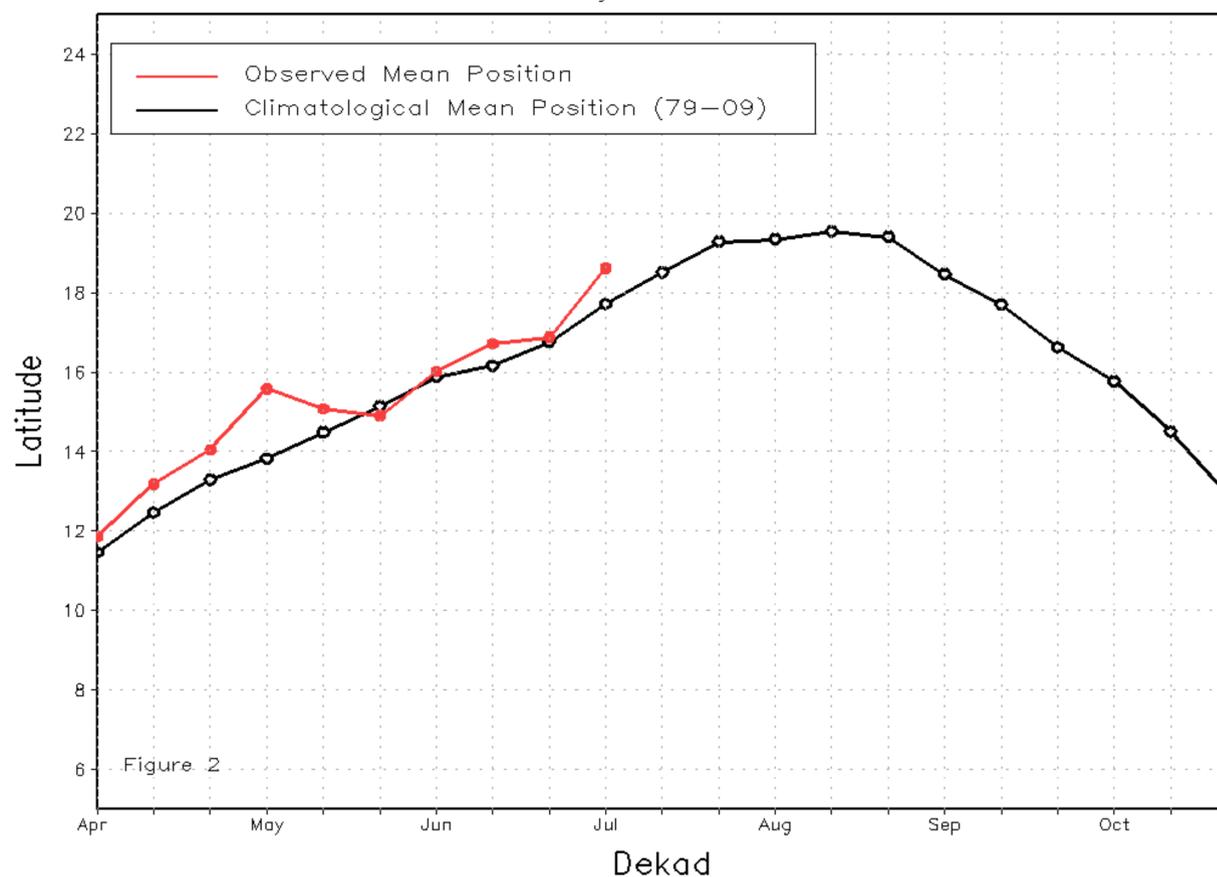
From July 1-10, 2014, the ITF continued its northward advancement across Africa. Due to a surge of moist southerly to southwesterly winds, the ITF exhibited a significant northward progression along its western portion during the period. The mean western (10W-10E) portion was located nearly at 18.6N compared to its mean position at 17.7N. This brought above-average rains as far north as northern Mali over West Africa. The mean eastern (20E-35E) portion of the ITF was also positioned to the north of the average, with its latitudinal position at 15.8N, whereas the climatological position is 15.3N. This anomalous position of the ITF produced above-average rains across much of Sudan and South Sudan in Eastern Africa. Figure 1 shows the current ITF position relative to its long-term average position during the 1st dekad of July and its previous position during the 3rd dekad of June. 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)

July 2014, Dekad 1



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



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

