



CPC Africa Desk InterTropical (ITF) Front Analysis

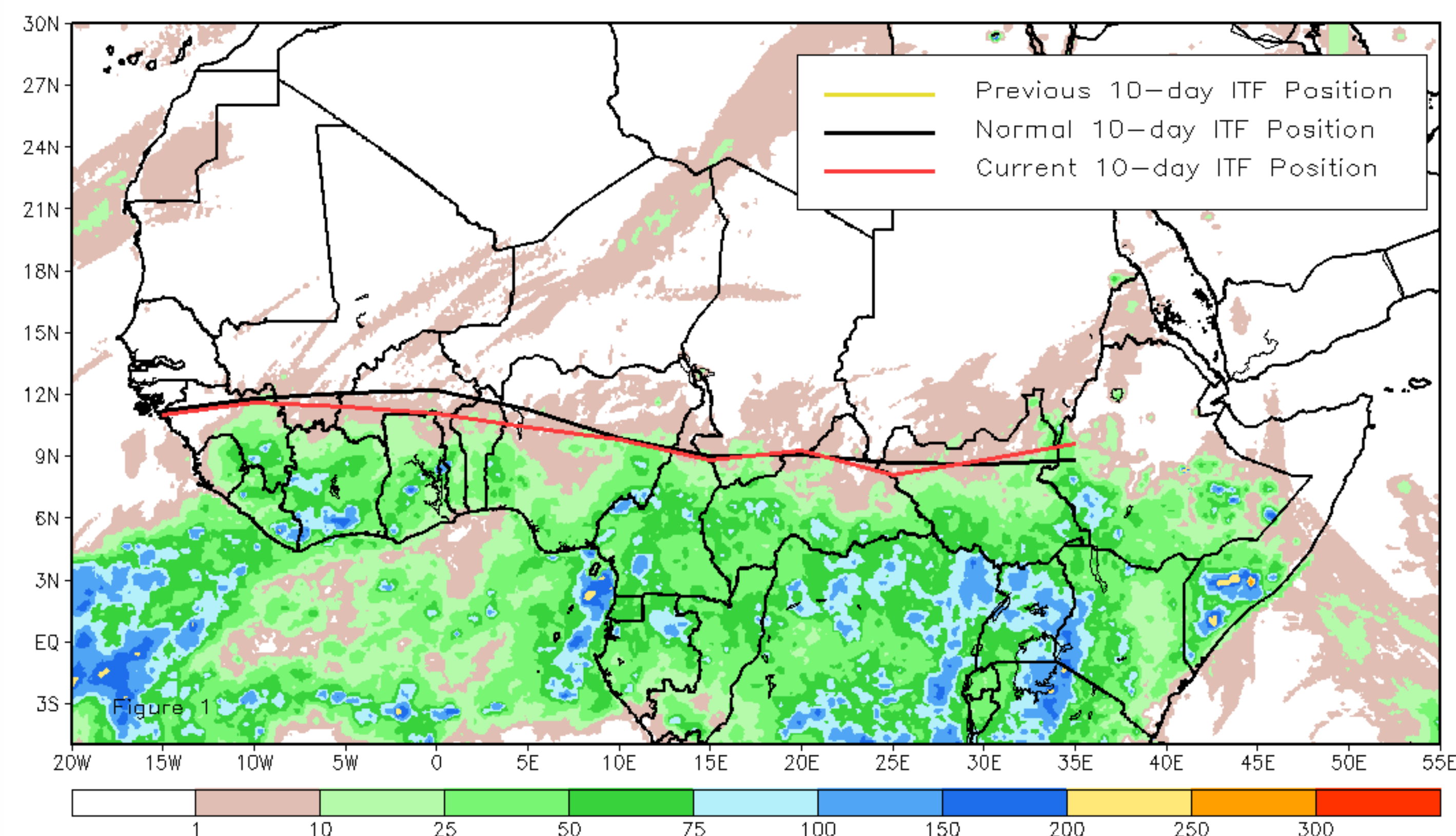
April 2015, Dekad 1

Discussion:

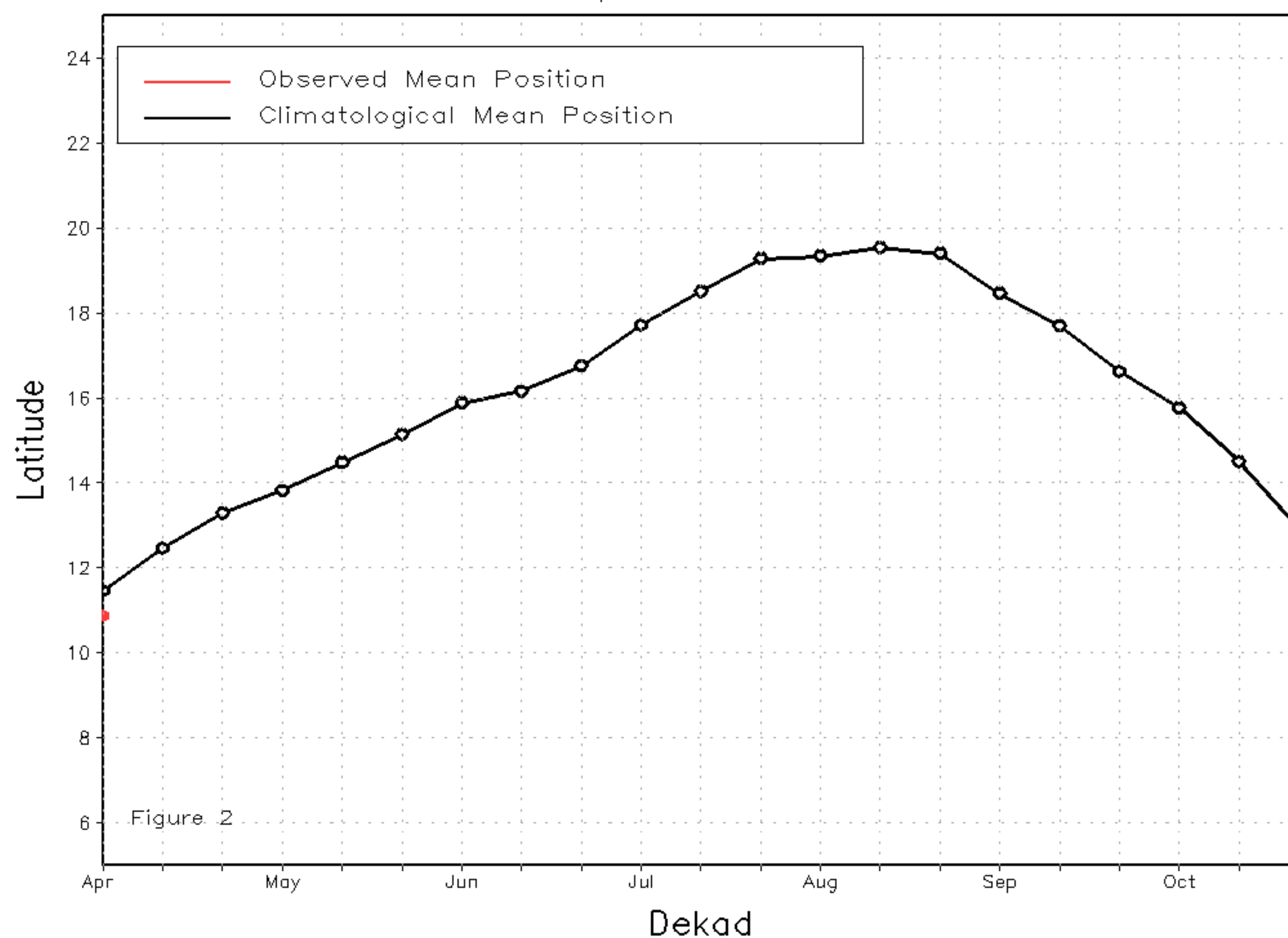
From April 1 - 10, 2015, the ITF moved northward across Africa and approached its climatological position. The mean western portion of the ITF was located at 10.9 degrees N, while the long-term average was centered upon 11.5 degrees N during this time of the year. The anomalous position of the ITF over the western portion could be attributed to stronger than normal northerly flow during the period. Conversely, the mean eastern portion of the ITF was located slightly to the north at 8.9 degrees N relative to the mean position, which was located at 8.8 degrees N. This was partially due to vigorous southerly flow, which brought abundant rains over parts of Eastern Africa. Figure 1 shows the current position of the ITF relative to the climatological position during the first dekad of April. Figures 2 and 3 are time series illustrating the mean latitudinal values of the western and eastern portions of the ITF, respectively, and their evolutions since April.

Current vs. Normal Dekadal ITF Position
and RFE Accumulated Precipitation (mm)

April 2015, Dekad 1



Mean Western Portion of the ITF: Averaged 10W to 10E
As of: April 2015, Dekad 1



Mean Eastern Portion of the ITF: Averaged 20E to 35E
As of: April 2015, Dekad 1

