

# CLIMATOLOGY OF EAST AFRICA

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# Introduction

- **Climatology** : is the scientific study of weather patterns over a long period of time
- **Area of study** : East Africa
- **Climate variables** : Precipitation 1985-2004 and Temperature 1983-2016

# Precipitation Seasonality in East Africa

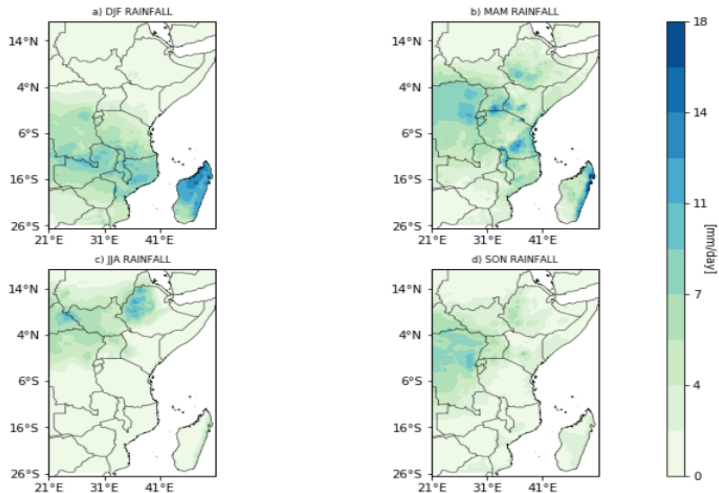


FIGURE – Four Seasons in East Africa

# Mean Temperature Climatology

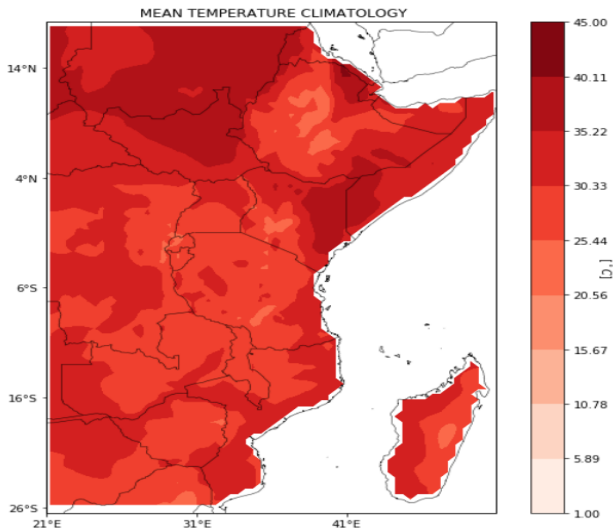


FIGURE – Mean Temperature  
CLIMATOLOGY OF EAST AFRICA

# Temperature Seasonality in East Africa

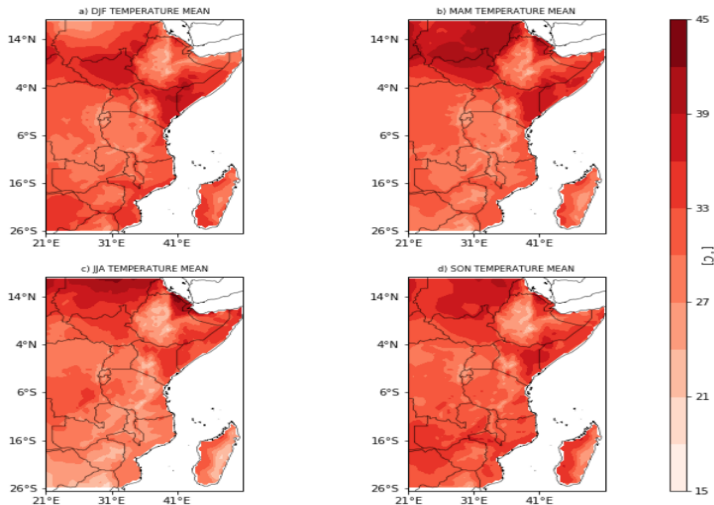


FIGURE – Four Seasons in East Africa

# Consecutive Dry Days (CDD) in East Africa

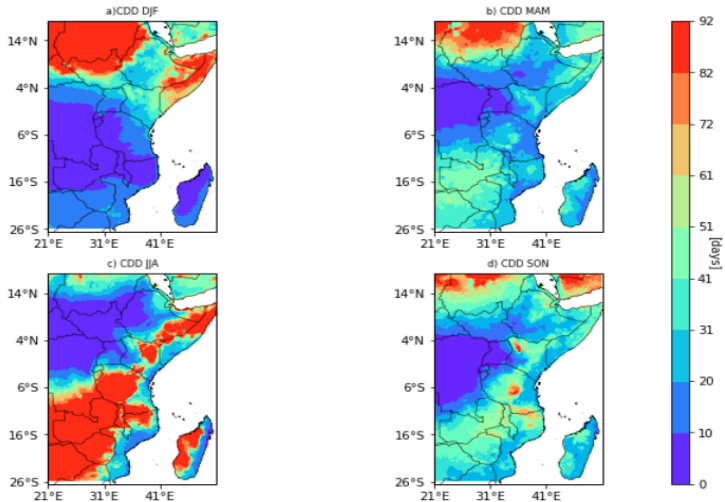


FIGURE – CDD in Four Seasons in East Africa

# Consecutive Wet Days (CWD) in East Africa

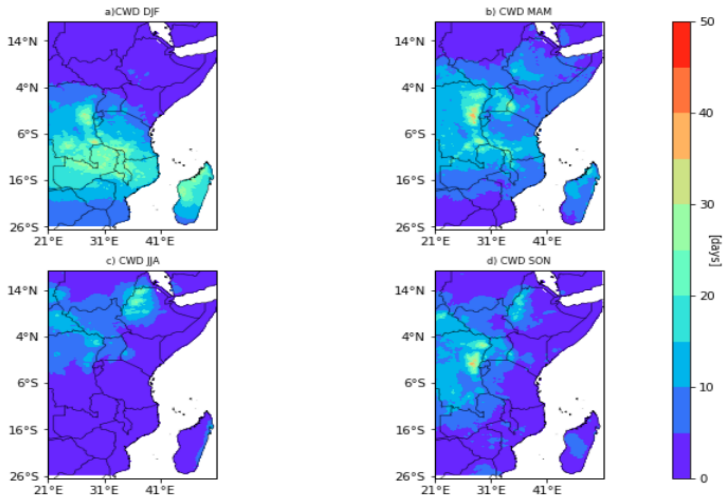


FIGURE – CWD in Four Seasons in East Africa



# Conclusion

- Seasons with highest rainfall : DJF and MAM
- Seasons with highest temperature : SON and MAM
- Season with most consecutive dry days : JJA
- Seasons with most consecutive wet days : DJF and MAM

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...and there may never be again. Do your part.

FIGURE – <https://www.slideshare.net/pacorz/climate-change-powerpoint>