

Figure 1: Africa Data Set Map

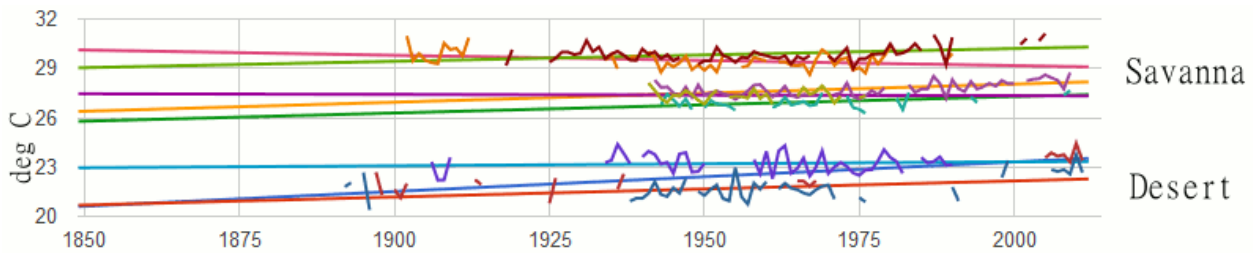


Figure 2: Africa Temperature Data, 1890 - Present

Temperature Trend, °C / Decade

Time Range: 1850 - 2013

| | |
|------------------|-------|
| Ouargla | 0.18 |
| El Golea | 0.10 |
| Kandi | 0.11 |
| Bobo-Dioulass | 0.10 |
| Fort-Archambault | -0.01 |
| Dakela | 0.02 |
| Kayes | -0.06 |
| Malakal | 0.08 |

Figure 3: 1850-2013 Trends

Temperature Trend, °C / Decade

Time Range: 1988 - 2013

| | List Composite |
|------------------|----------------|
| Ouargla | 0.09 |
| El Golea | 0.71 |
| Kandi | 0.37 |
| Bobo-Dioulass | 0.29 |
| Fort-Archambault | 0.00 |
| Dakela | 0.50 |
| Kayes | 4.33 |
| Malakal | 0.58 |

Figure 4: 1988-2013 Trends

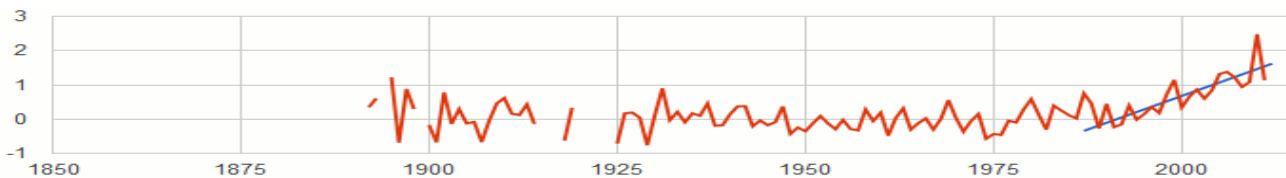


Figure 5: Africa Composite Temperature Trend for 1988-2013, deg C

CCSM4 Surf Temp Annual Mean, 2099 Anomaly

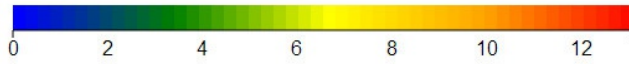
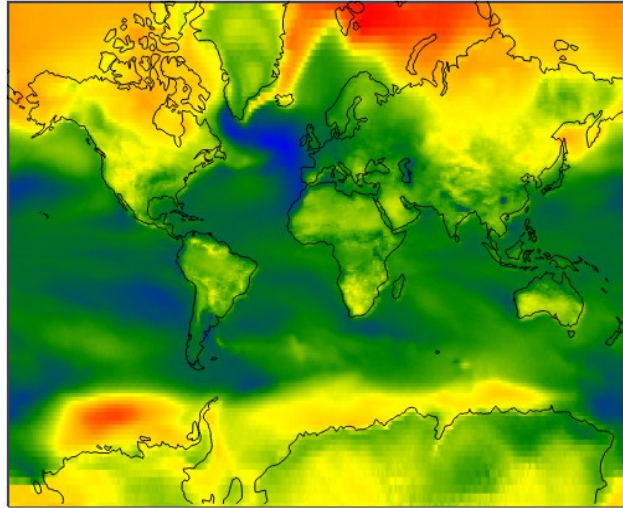


Figure 6: Surface Temp Anomaly. Deg. C

CCSM4 Precip Annual Mean, 2099 Anomaly

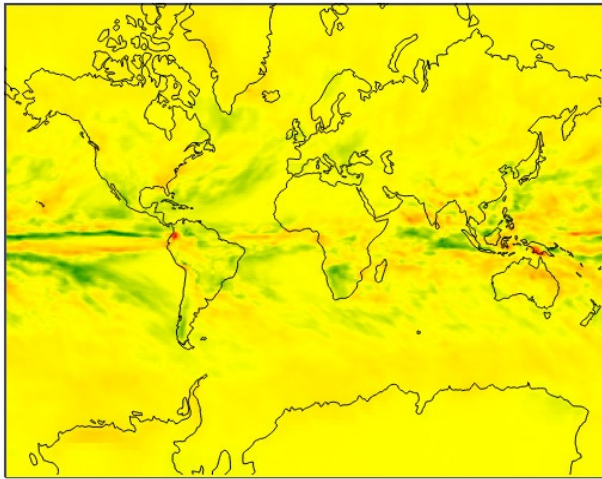


Figure 8: Precipitation Anomaly, kg/m^2/sec

CCSM4 Soil Mois Annual Mean, 0.37 Depth 2099 Anomaly

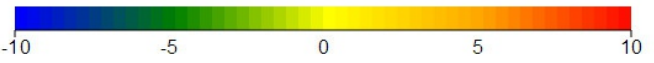
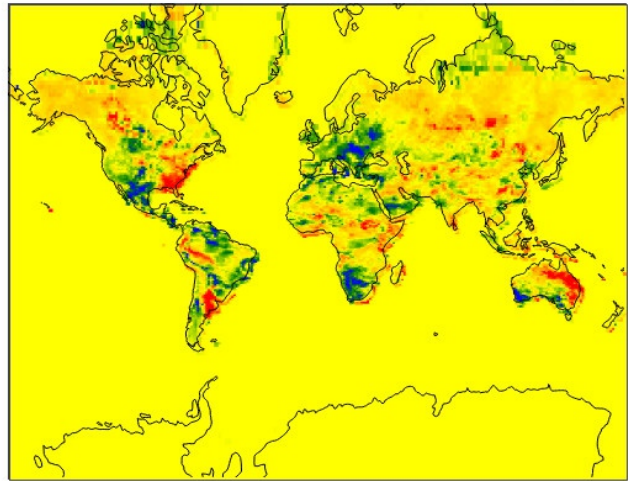


Figure 7: Soil Moisture Anomaly, kg/m^2