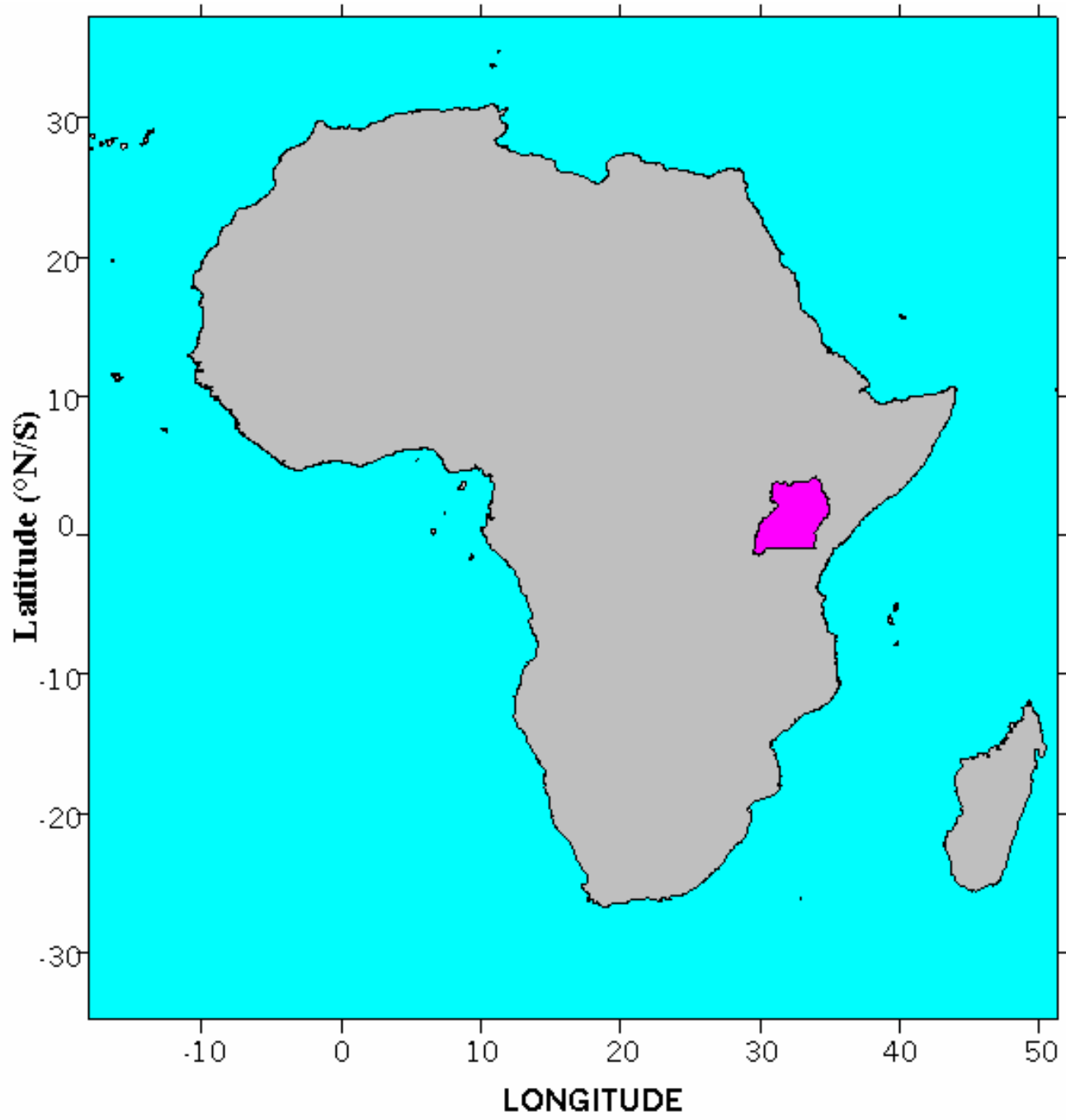


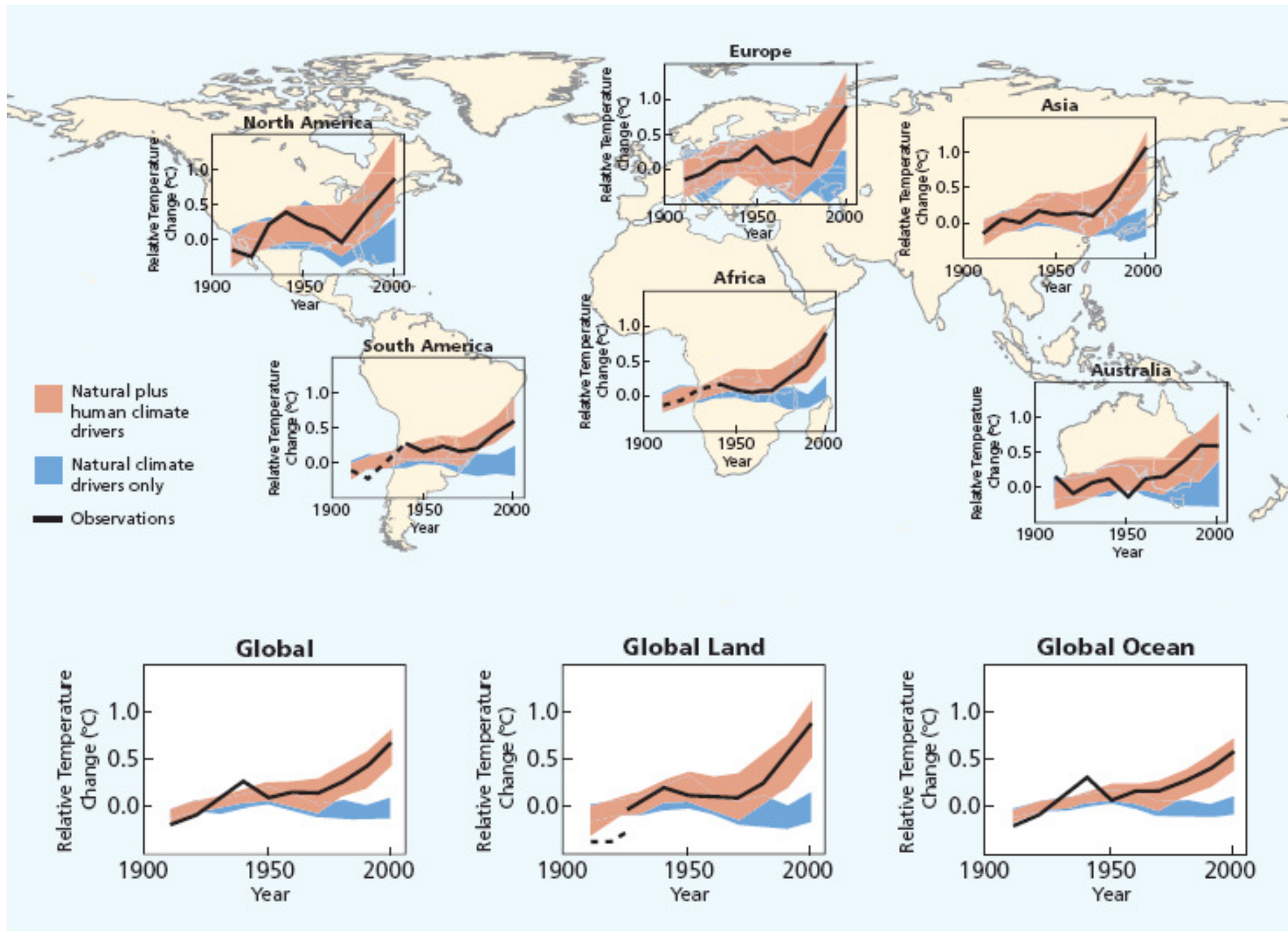
Climate Related Issues in Karamoja

Christopher Oludhe

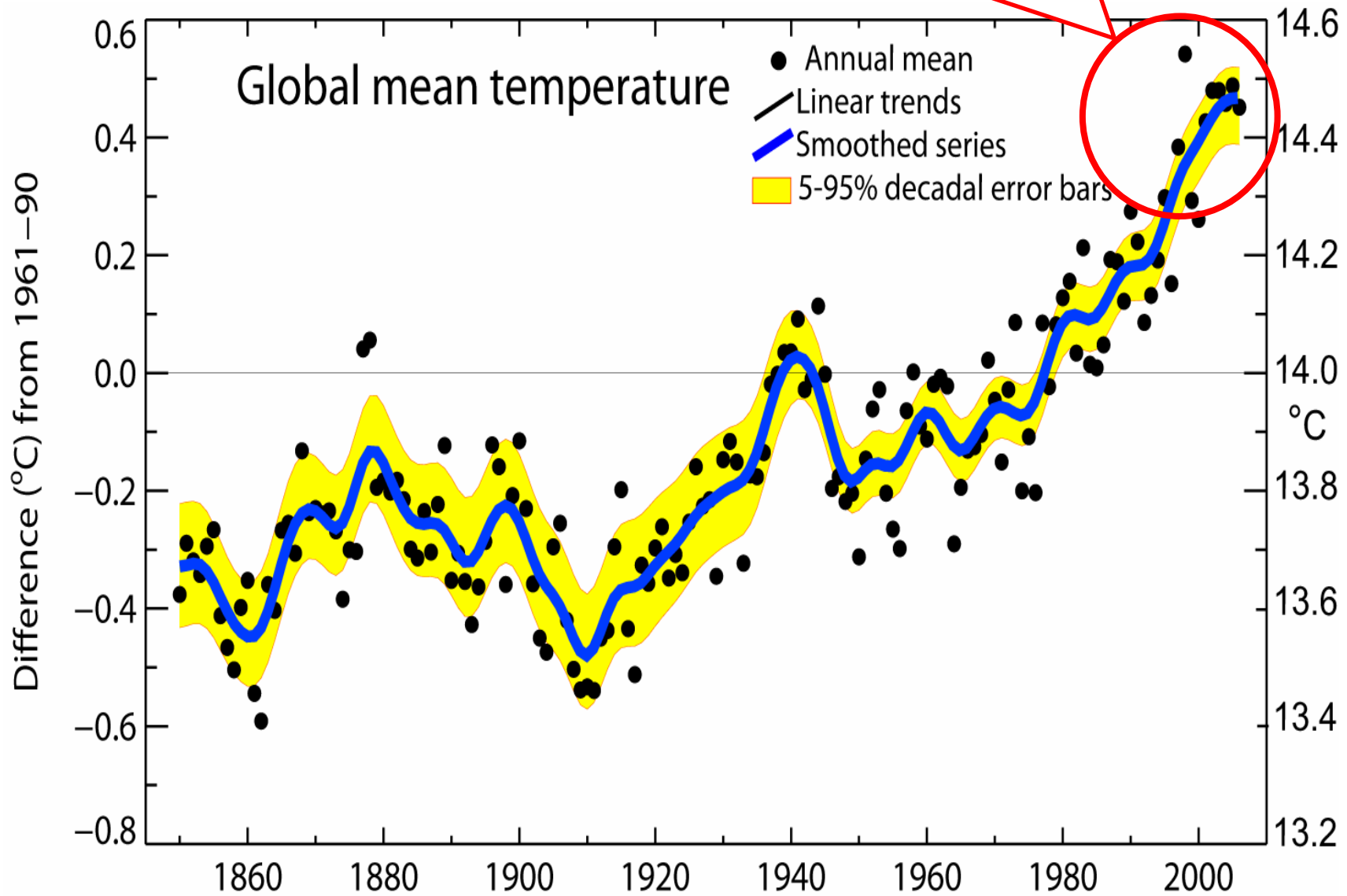
Department of Meteorology

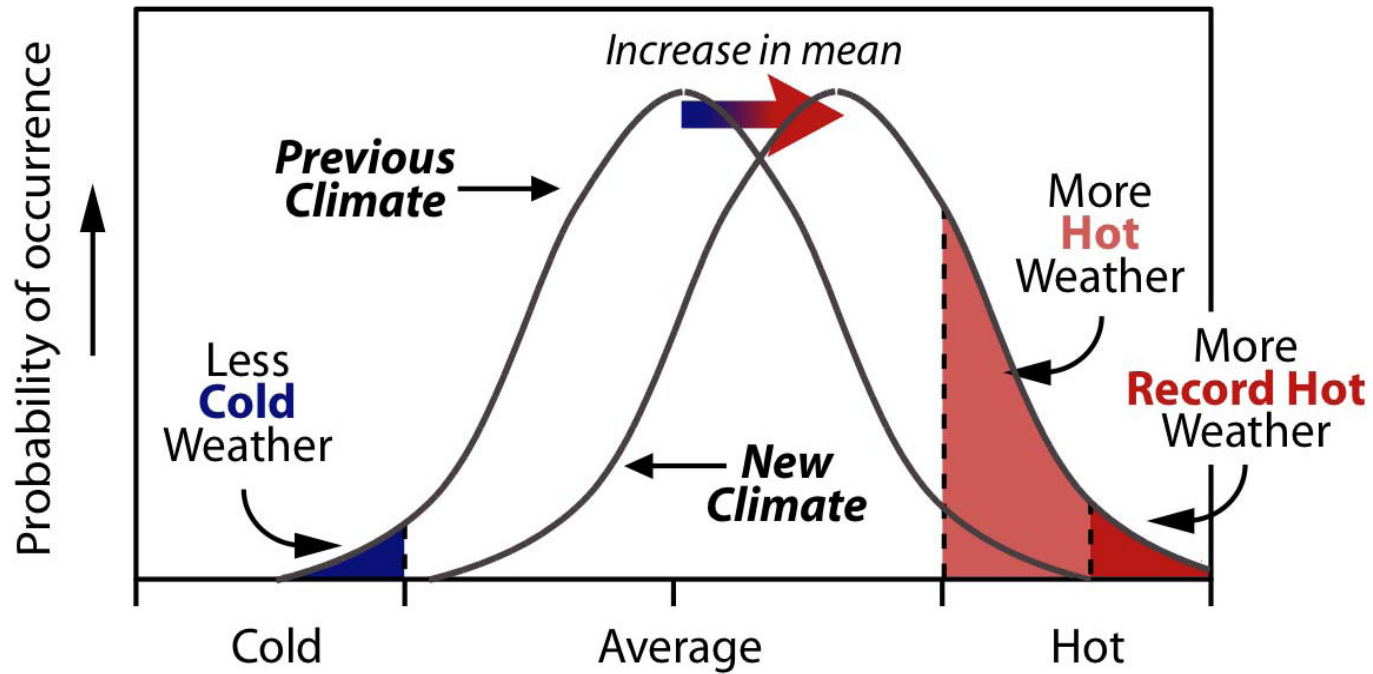
University of Nairobi



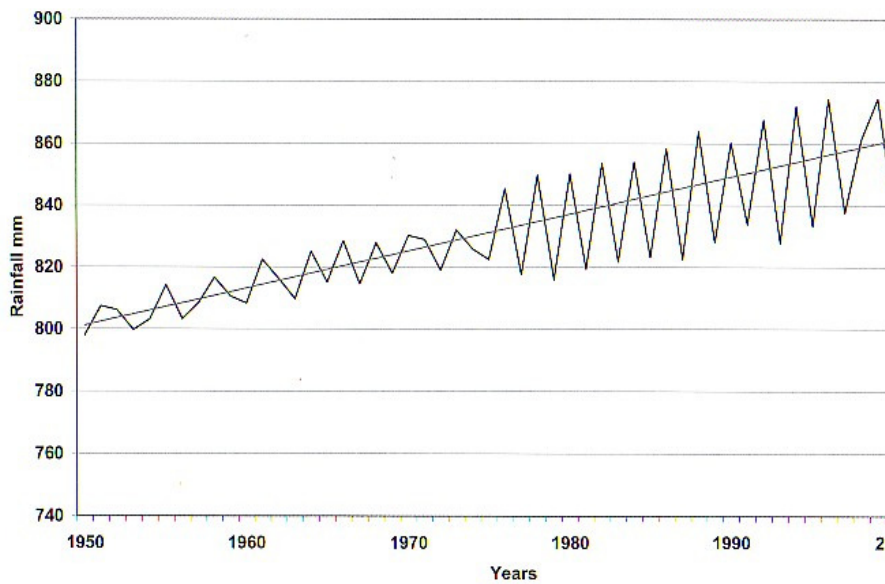


Warmest 12 years:
1998, 2005, 2003, 2002, 2004, 2006,
2001, 1997, 1995, 1999, 1990, 2000

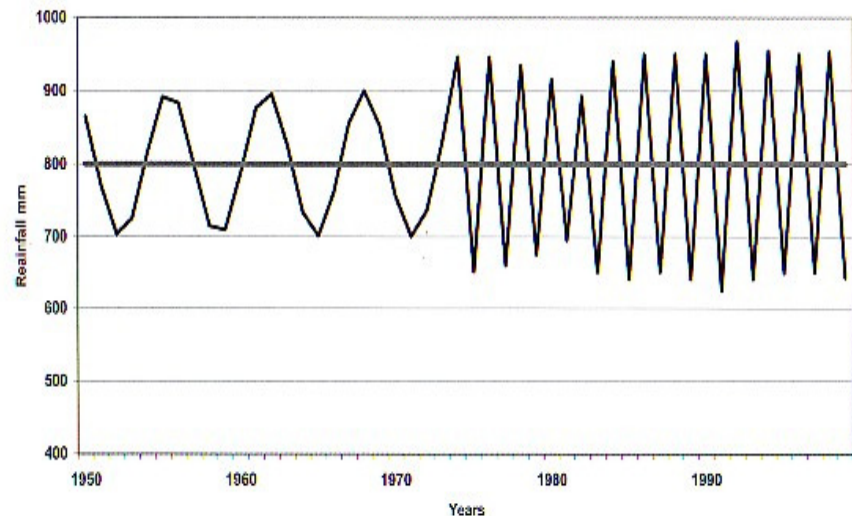




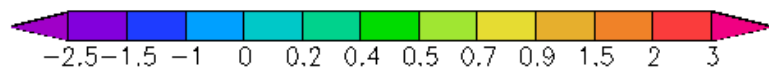
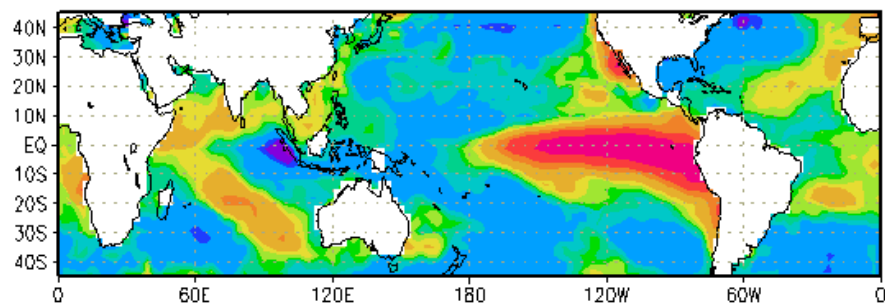
Change in Mean and Frequency



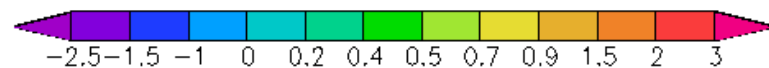
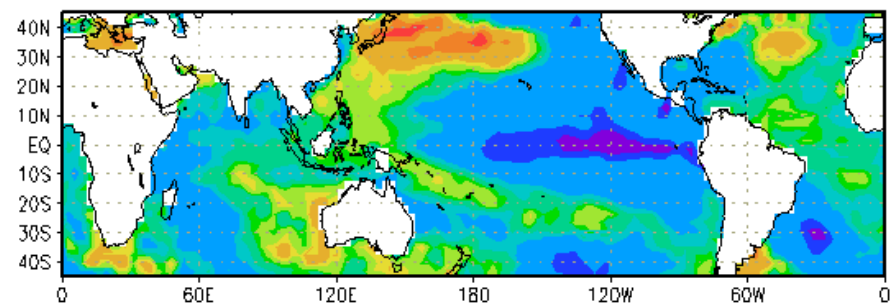
Change in frequency of Extremes and magnitude of extremes



GLOBAL OCEAN SST INDEX PATTERNS
FOR A MATURE PHASE OF EL-NINO

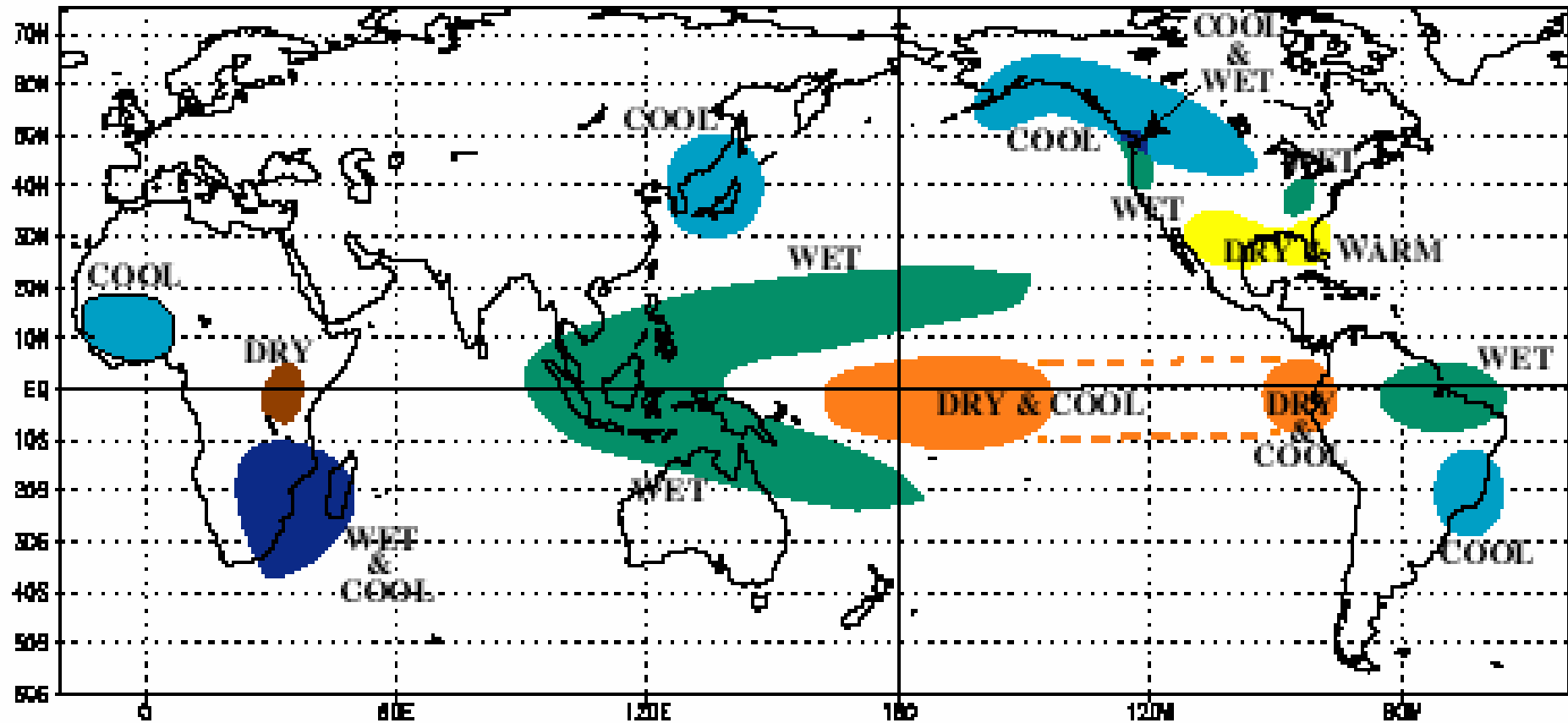


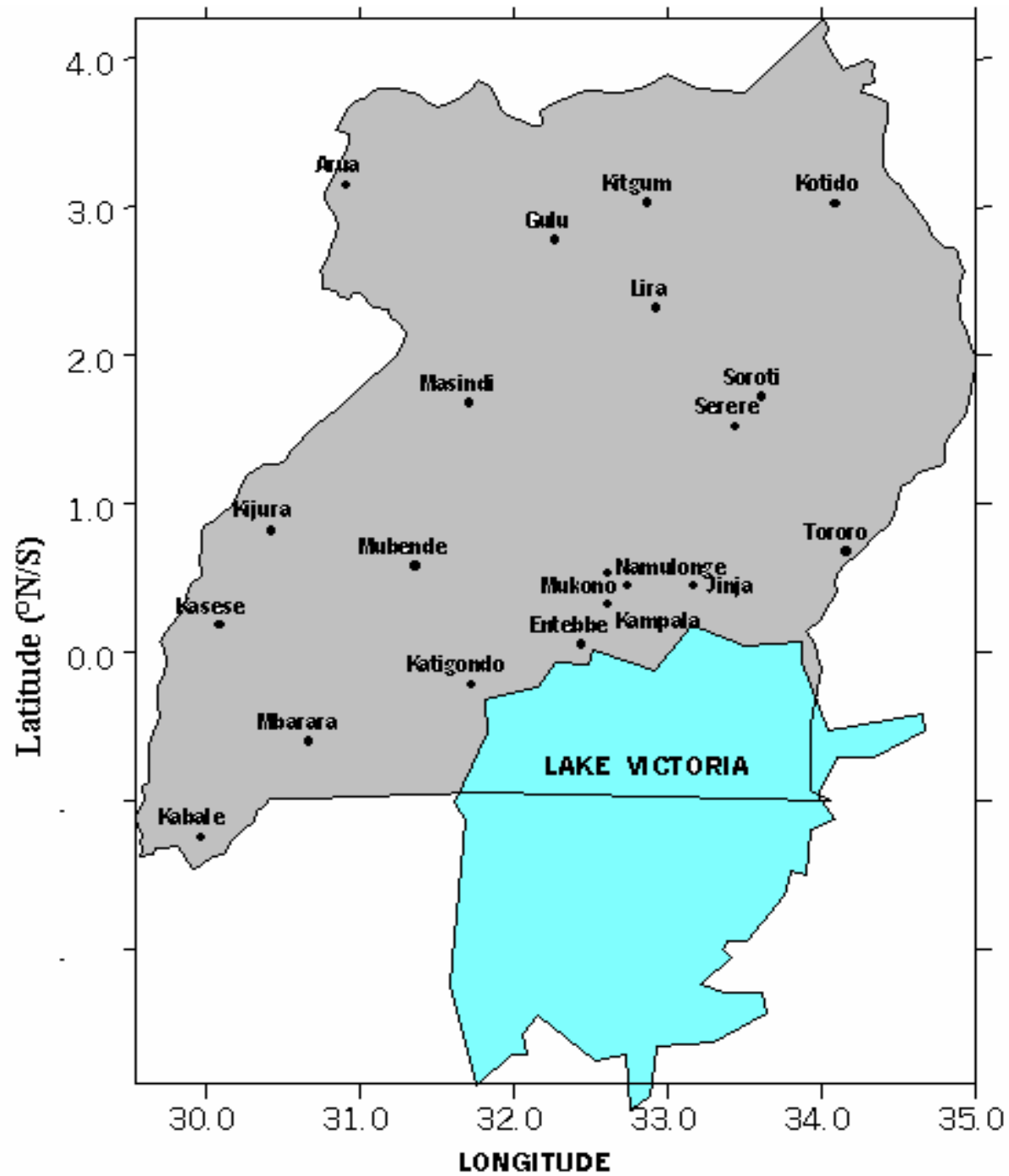
GLOBAL SST INDEX PATTERNS
FOR A MATURE PHASE OF LA-NINA



REGIONAL IMPACTS OF LA NINA

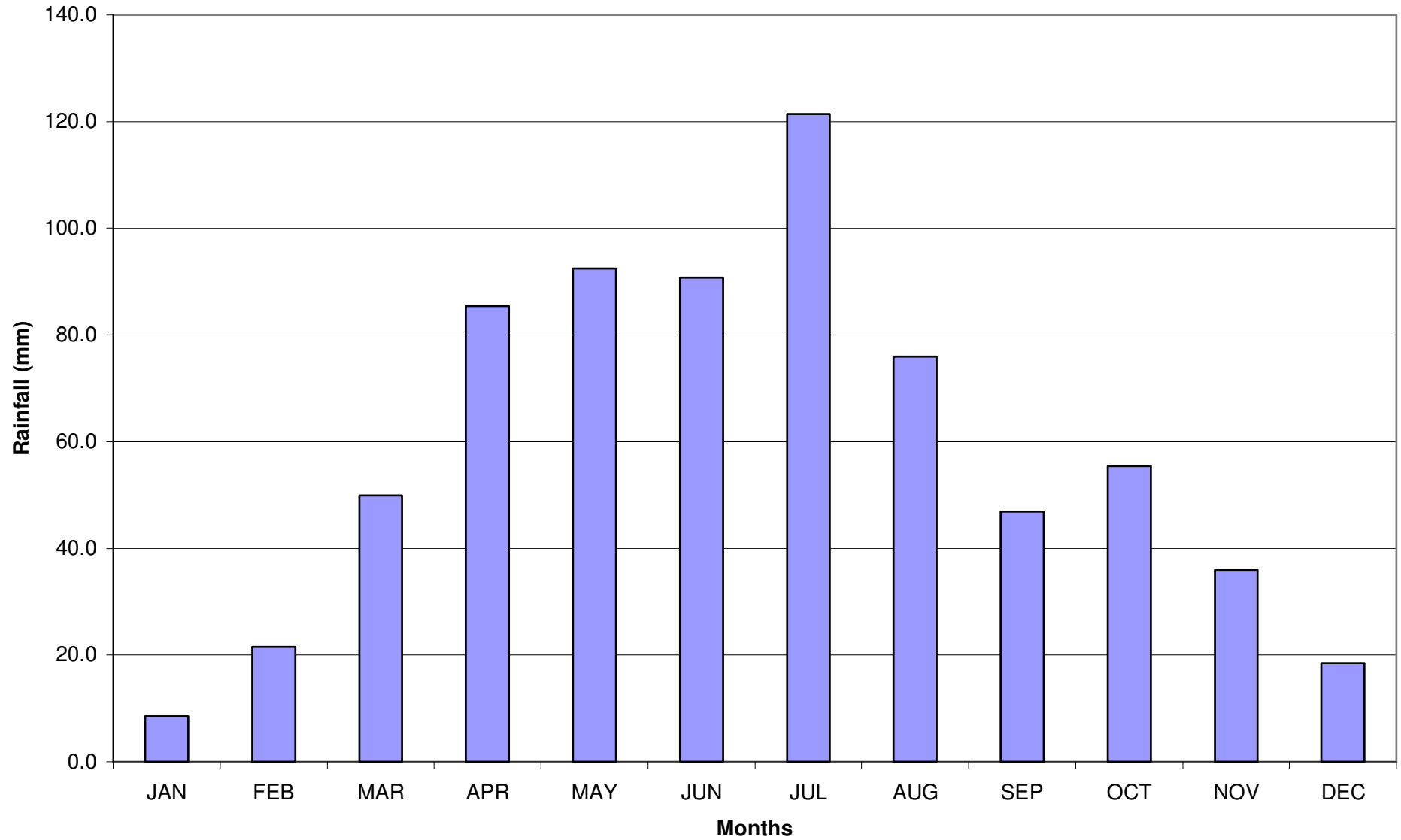
COLD EPISODE RELATIONSHIPS DECEMBER - FEBRUARY



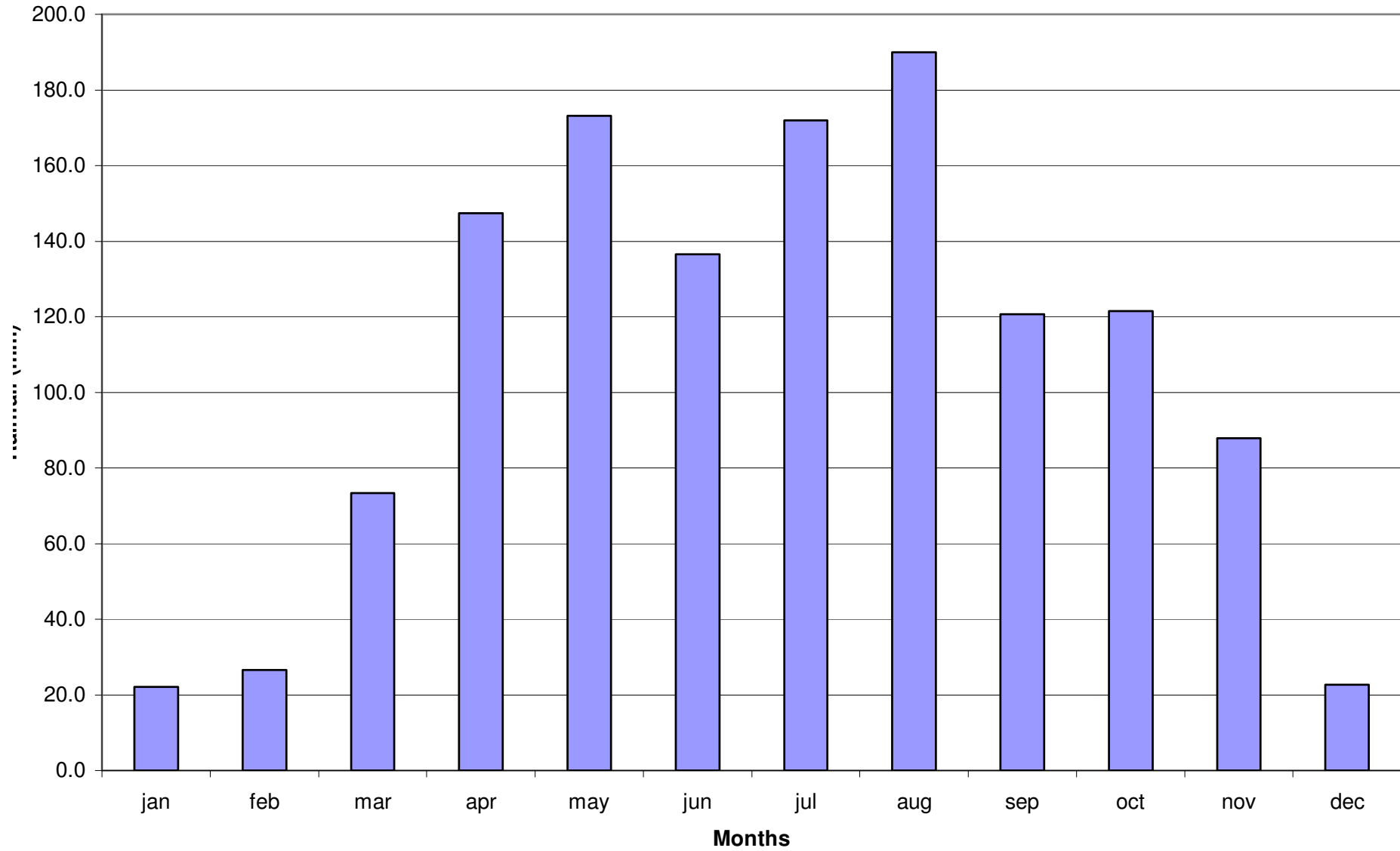


Rainfall Stations in Uganda

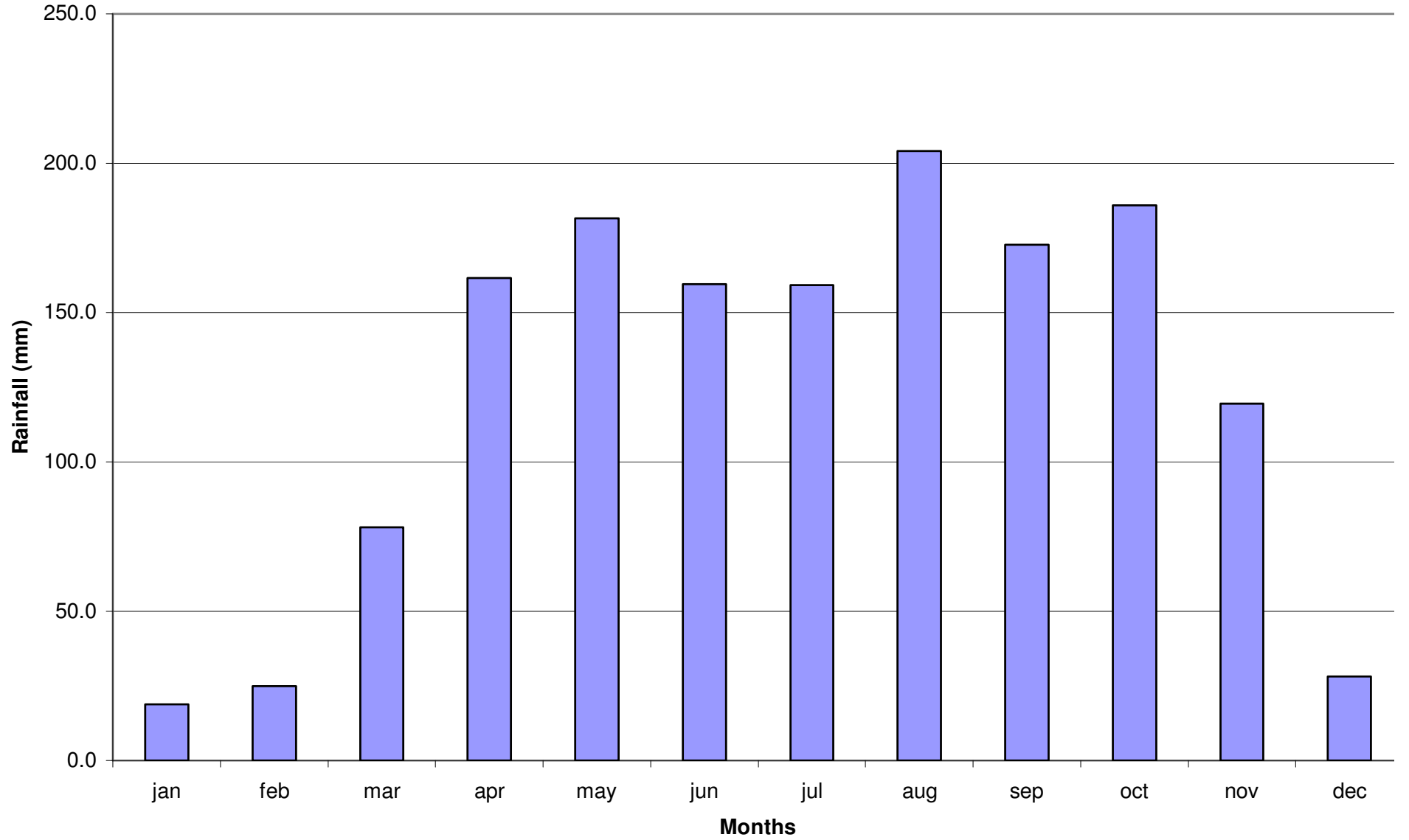
Monthly variation of Rainfall over Kotido



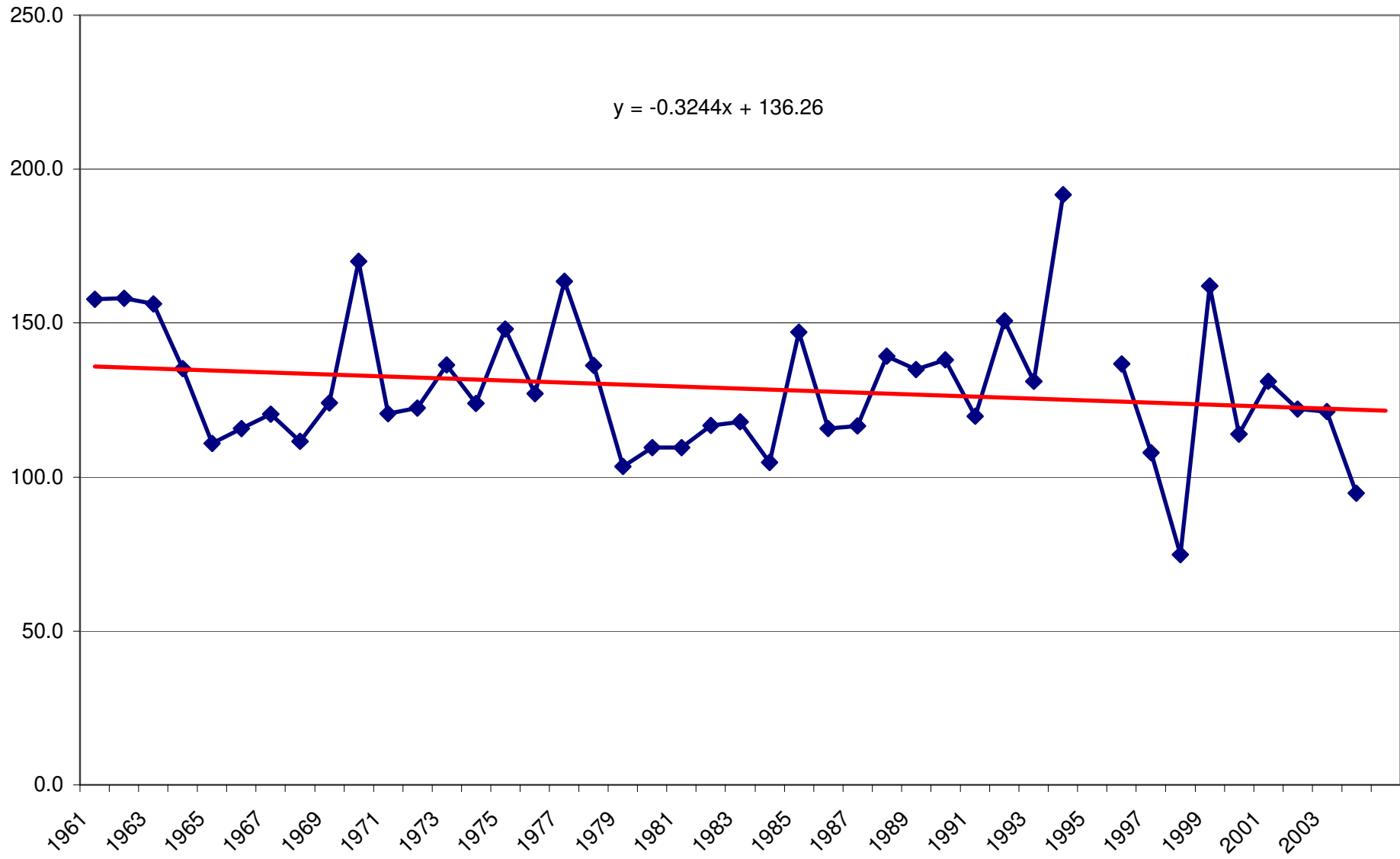
Mean Monthly rainfall over Kitgum



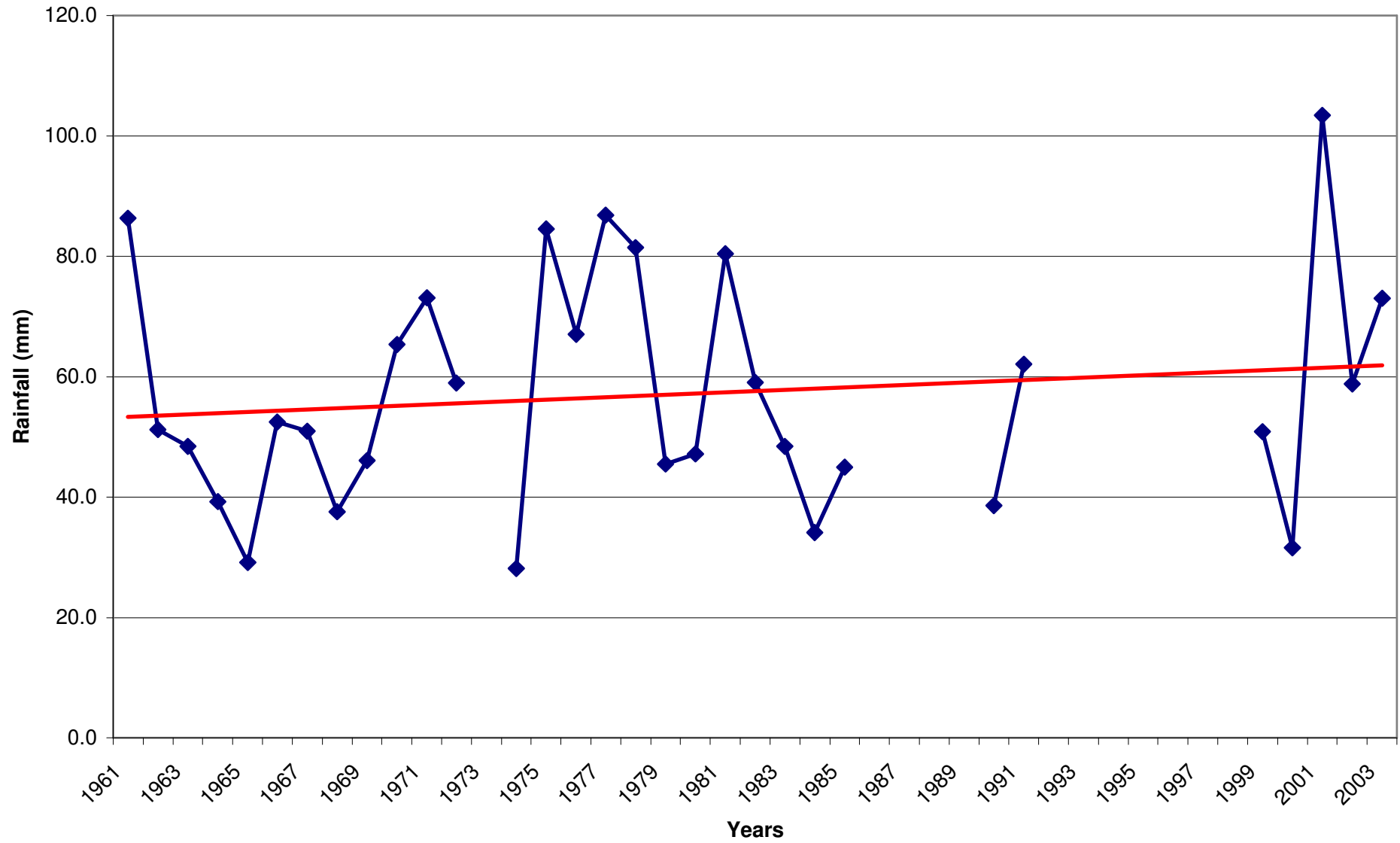
Mean Monthly rainfall over Gulu



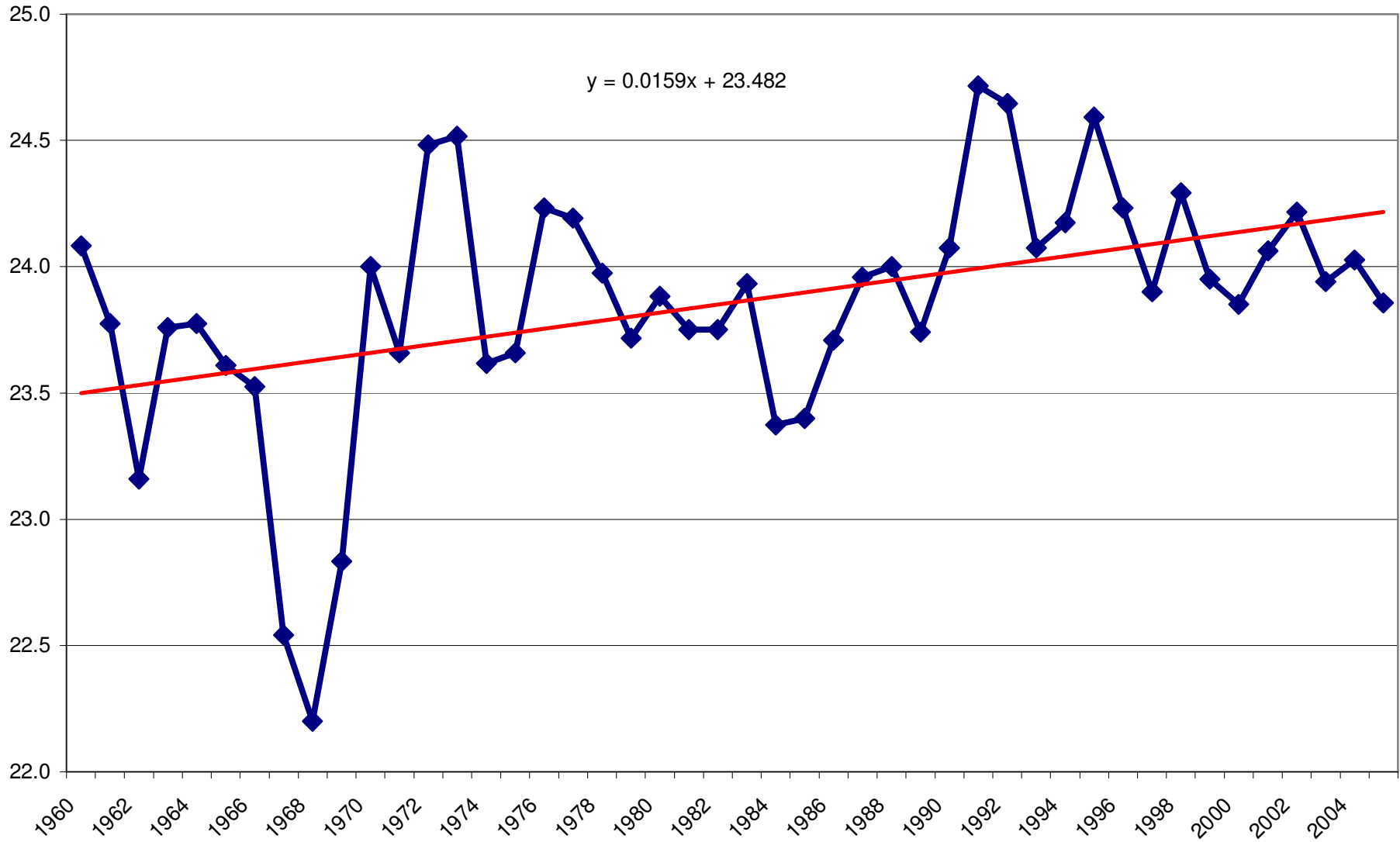
Mean Annual Rainfall over Gulu



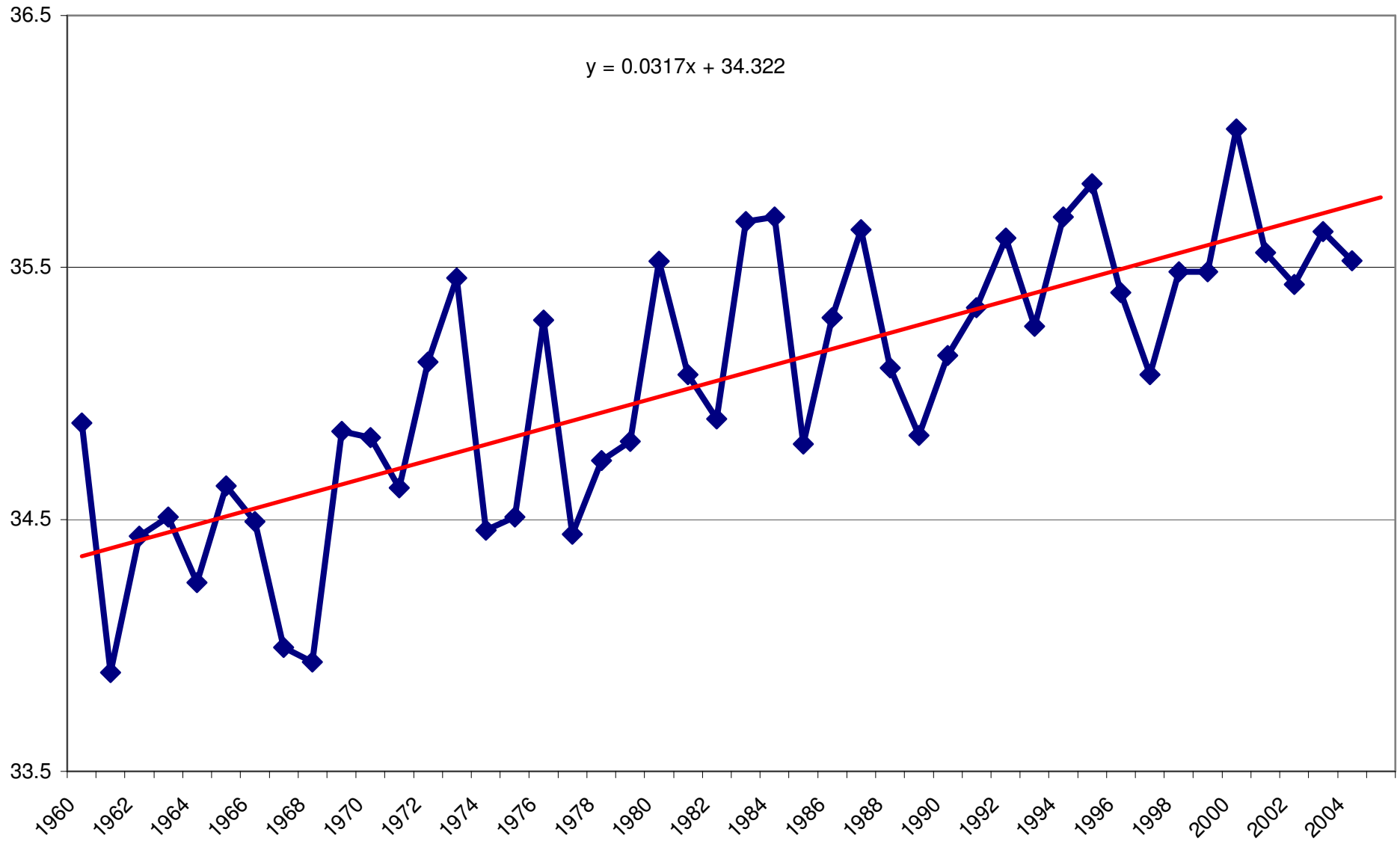
Variation of the Mean Annual rainfall over Kotido

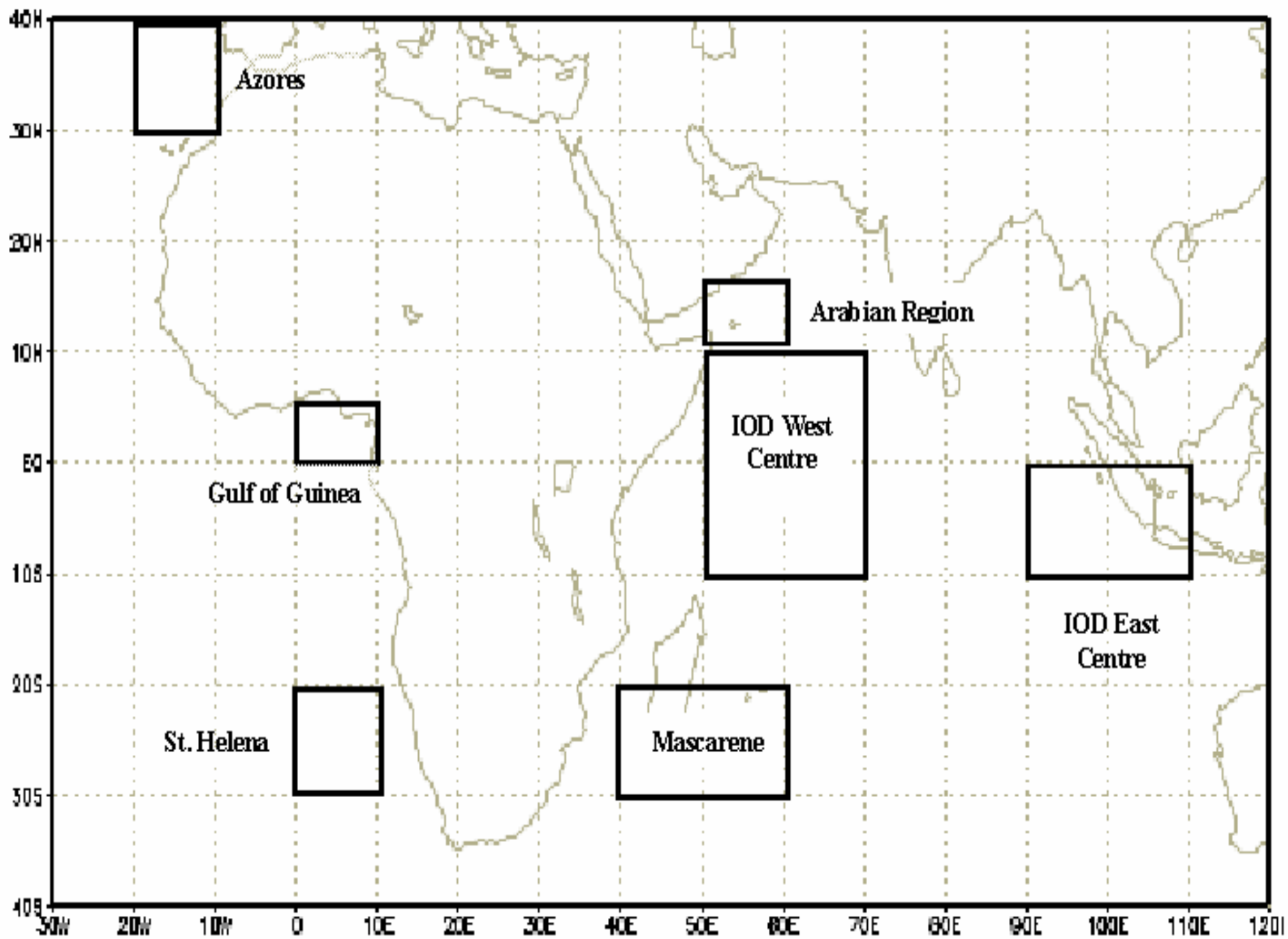


Mean Annual Minimum Temperature over Lodwar

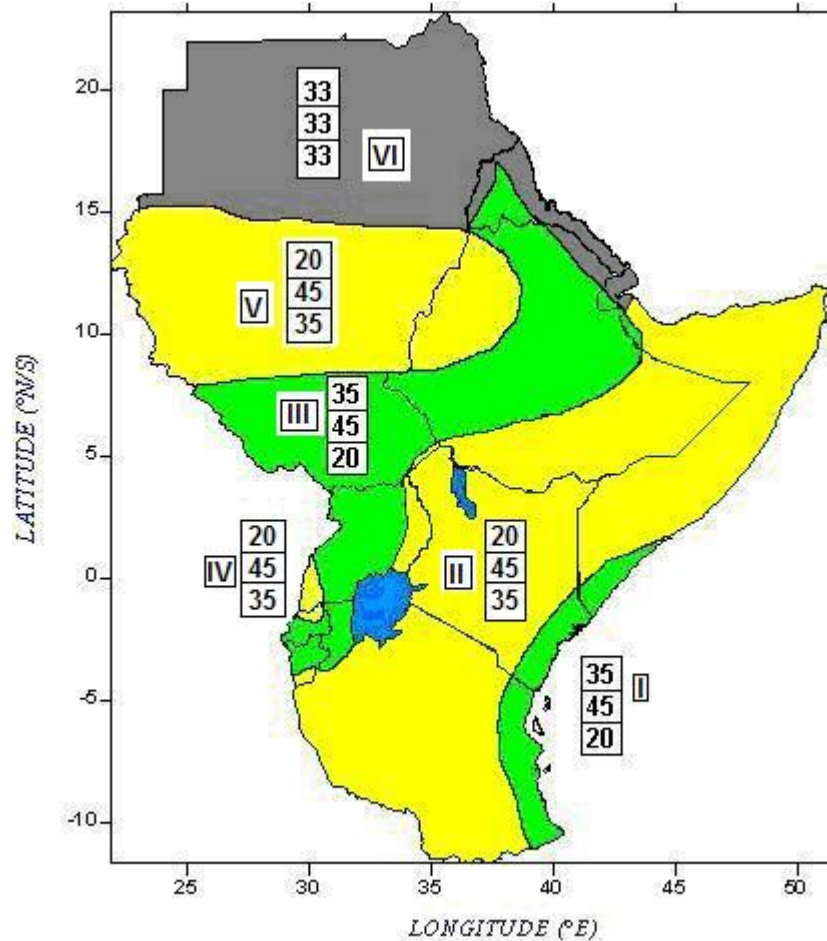


Mean Annual Maximum Temperature over Lodwar

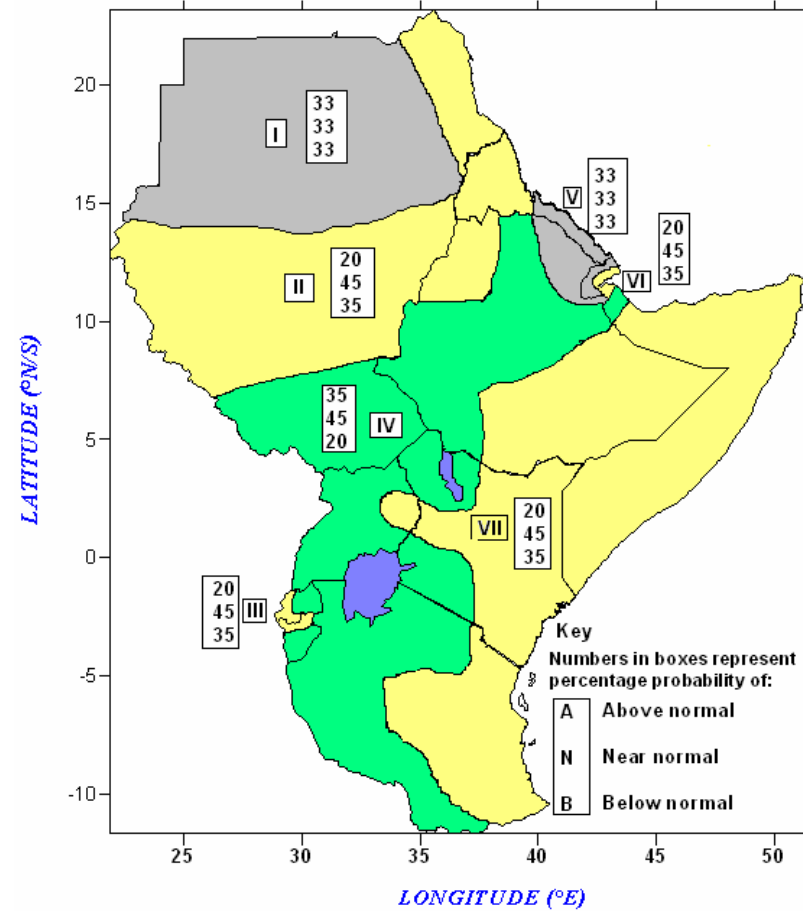




CLIMATE OUTLOOK PRODUCTS

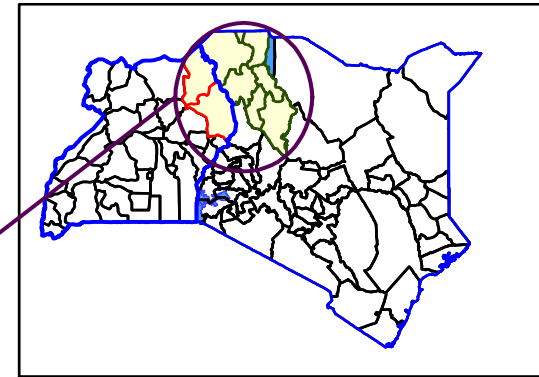
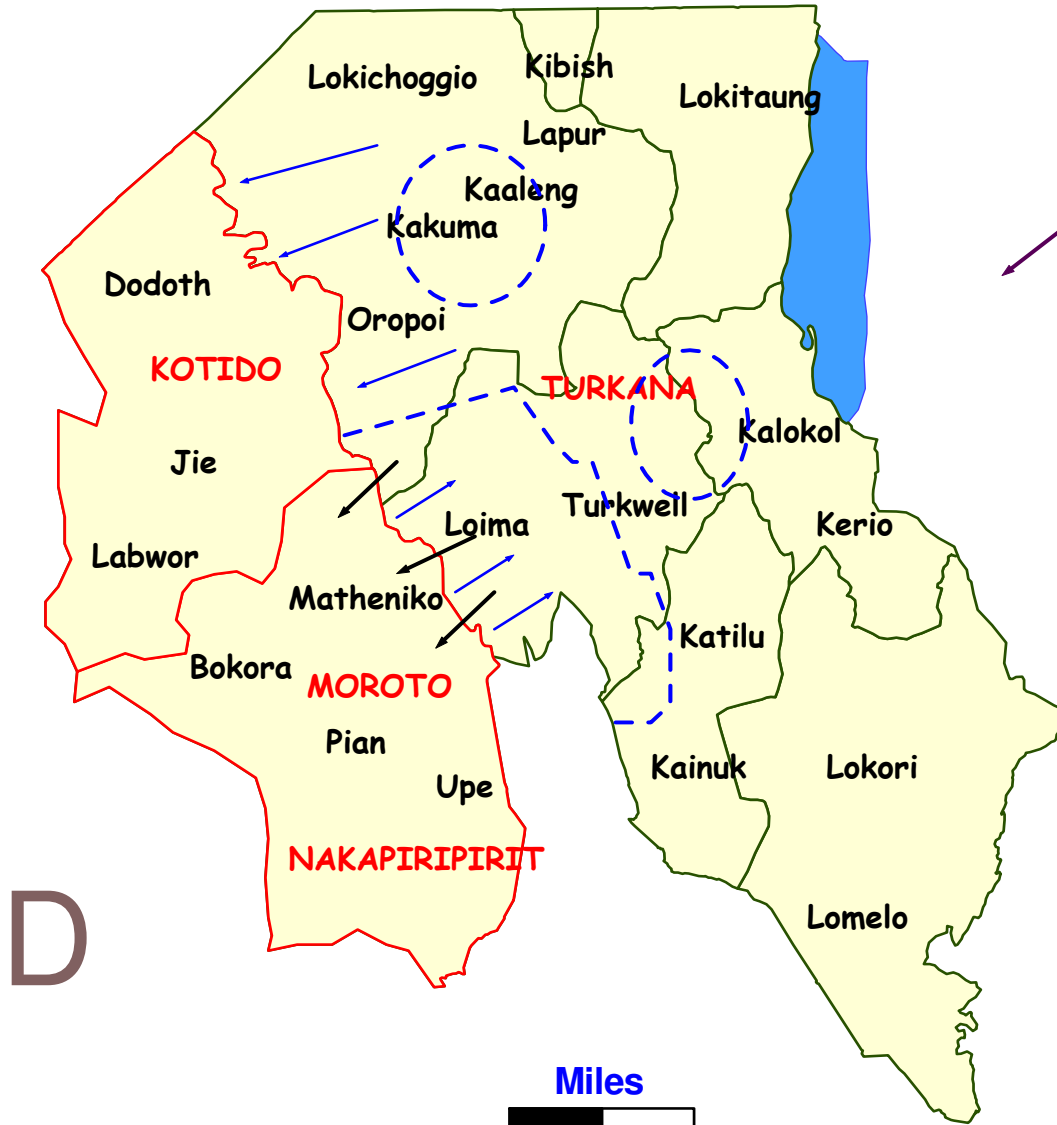







**Consensus Climate Outlook for
March –May 2007**



**Consensus Climate Outlook for
September to December 2007**

The Karamojong Cluster of Kenya and Uganda



-  Wet season grazing areas.
-  Wet season grazing movements.
-  Dry Season grazing movements.
-  Uganda
-  Kenya

D

