AOGS 2006

Analysis of Seasonal Forecast of Summer Precipitation and Temperature from the Canadian Historical Forecast Project

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We examine model output from the Canadian Historical Forecast Project (HFP), which provides seasonal forecasts using Canadian global weather prediction and climate models. The model that we use is the Canadian atmospheric general circulation model (GCM3) with a resolution corresponding to T63 truncation, over the period 1979-2000. The model precipitation is evaluated with the Xie and Arkin data set (CPC Merged Analysis of Precipitation). A categorical measure of model skill (below normal, normal, above normal) is examined. Particular attention is focused on low precipitation drought episodes. Preliminary results will be presented.