

# Michigan Math Club

Thursday at 4pm in the Commons

Free Pizza and Pop

## Global Cooling in the 1940's

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Abstract for 4 November 2010

Many climate studies have examined trends in temperature based on the time series of data collected over the last century. When we inspect this at a deeper level, we notice that the 1940's were characterized by a cooling trend. The 1940's had several events that affected the world on a large scale. The question still remains if any particular event caused the cooling during that interval of time. We present an overview of the cooling during this time where the primary task is to isolate the regions and magnitude of cooling using techniques of mathematics and statistics.

