

The Local Climate Analysis Tool (LCAT) Demonstration: An Enterprise Approach to Strengthen Climate Resiliency and Capacity

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The NOAA National Weather Service (NWS) launched the Local Climate Analysis Tool (LCAT) in July 2013 and is now over 1,000 users strong. This LCAT demonstration will provide participants with a tool overview and hands on tutorial. LCAT provides dynamic access to current National Centers for Environmental Information (NCEI) “Gold Standard” data sets and National Centers for Environmental Prediction (NCEP) Climate Prediction Center (CPC) teleconnection data. Science experts from both NCEI and CPC served in advisory capacities to recommend the most scientifically sound methods that were adopted in LCAT. This cross–enterprise approach provides users easy and efficient access to sound analytical capabilities and trusted climate data to perform local climate change and variability studies.