

Hydrometeorology Testbed Overview

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The NOAA Hydrometeorology Testbed (HMT) conducts research on high-impact regional precipitation, weather and land surface conditions. HMT fosters transition of scientific advances and new tools into forecasting operations to better balance water resource demands and flood mitigation strategies in a changing climate. HMT addresses its goals through innovation, demonstration and infusion across key major activity areas. HMT's regional implementations started in California. Additional pilot projects have been initiated in the Pacific Northwest, Southeast and Rocky Mountain West. HMT is managed by NOAA's Physical Sciences Division (PSD) in the Earth System Research Laboratory, and is implemented at both PSD and NOAA's Weather Prediction Center. This talk will provide an overview of HMT and describe some of the recent activities and research findings.