

Insights and Experiences From The NOAA Hazardous Weather Testbed

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National Weather Service operations are constantly within a state of adaptation and change, and the same will likely be said when it comes to warning operations within the next decade. The Hazardous Weather Testbed, based at the National Weather Center in Norman, OK, plays an integral role in designing, developing, testing, and evaluating new methods and techniques for forecast and warning operations. Each spring, they invite NWS forecasters to the testbed to gather insights on what works well in typical operations, and what doesn't. This presentation will provide an introduction to FACETs (Forecasting A Continuum of Environmental Threats) as well as give a look into a few of the many experiments held recently within the HWT to support this paradigm shift - most notably Probabilistic Hazard Information (PHI) and Threats-In-Motion (TIM).