



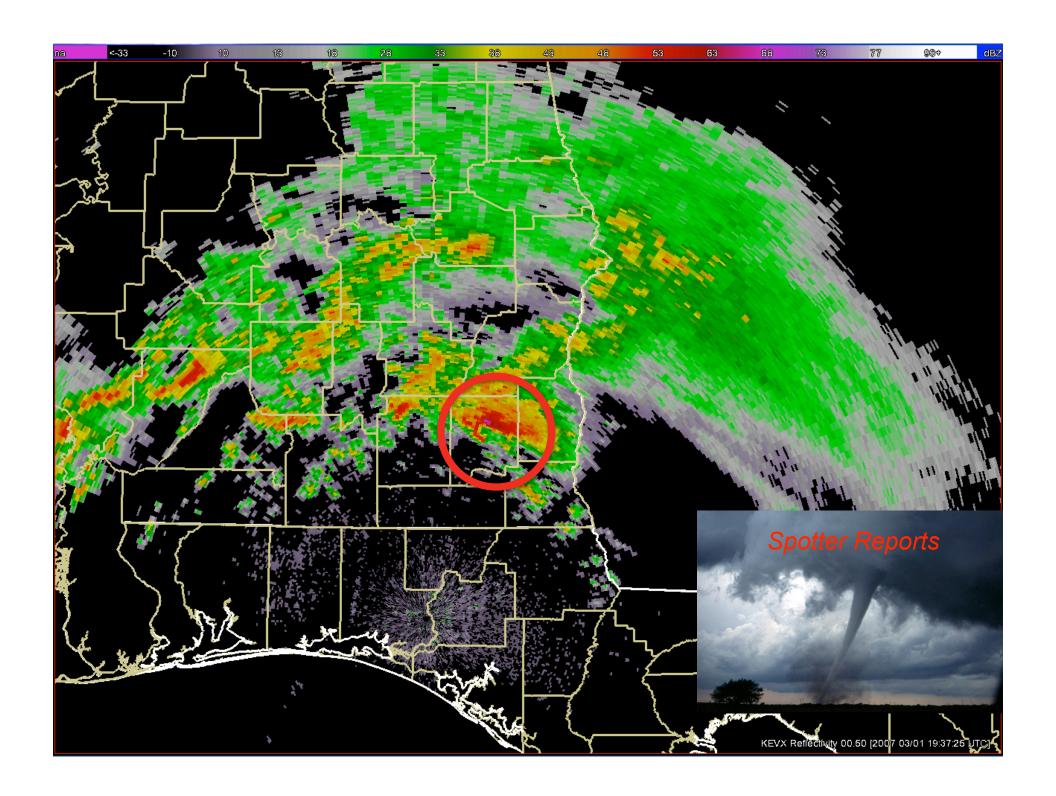
Relevance NOAA Mission Goal Weather and Water

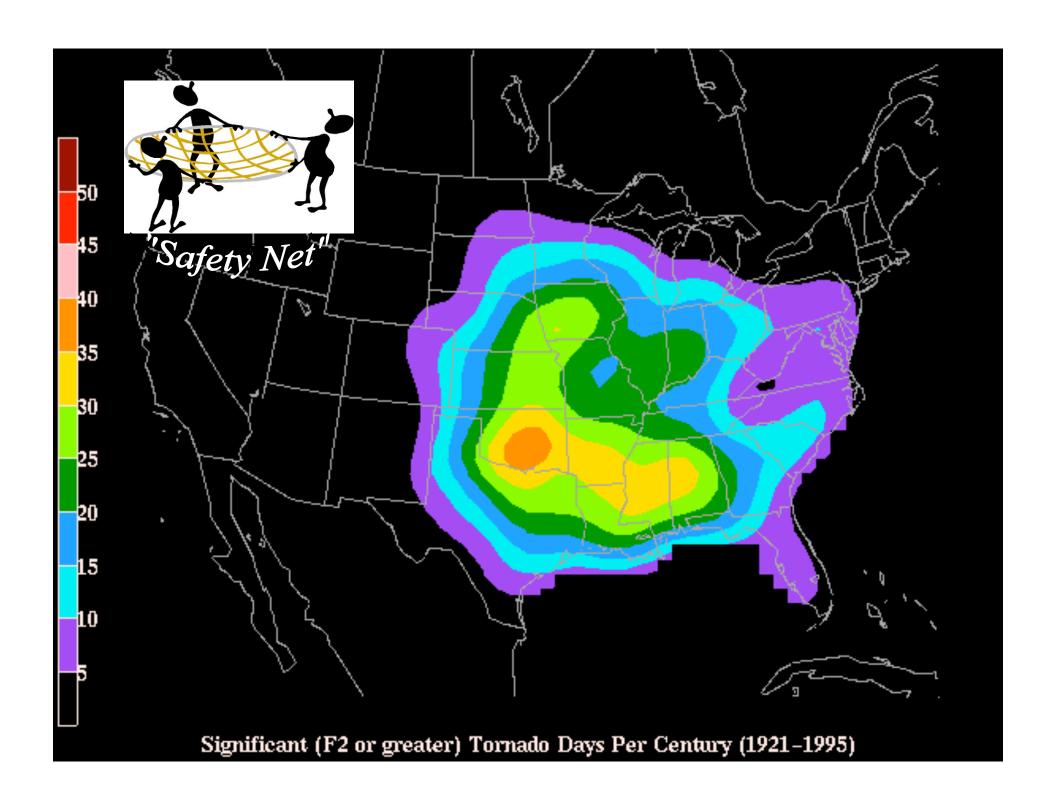
"Serve society's needs for weather and water information"

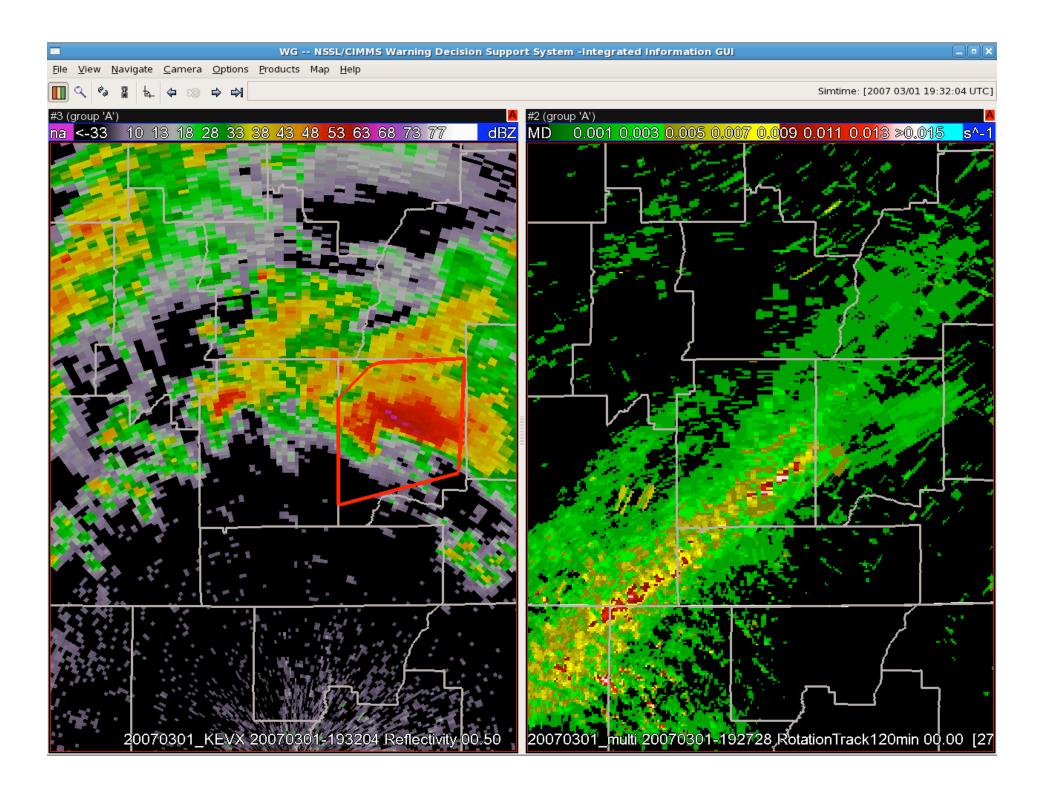
Objectives:

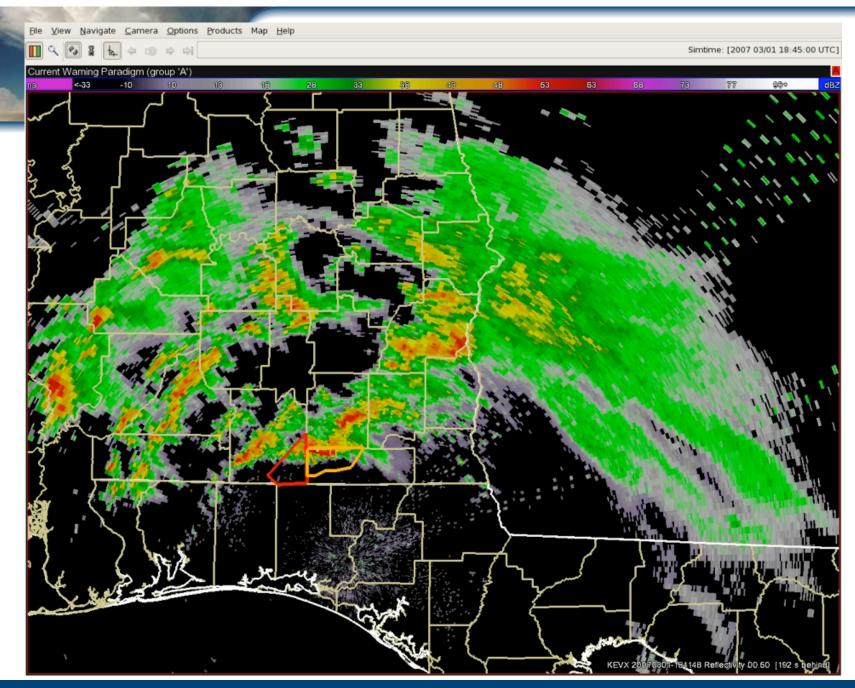
- Increase lead-time and accuracy for weather and water warnings and forecasts
- Increase development, application, and transition of advanced science and technology to operations and services





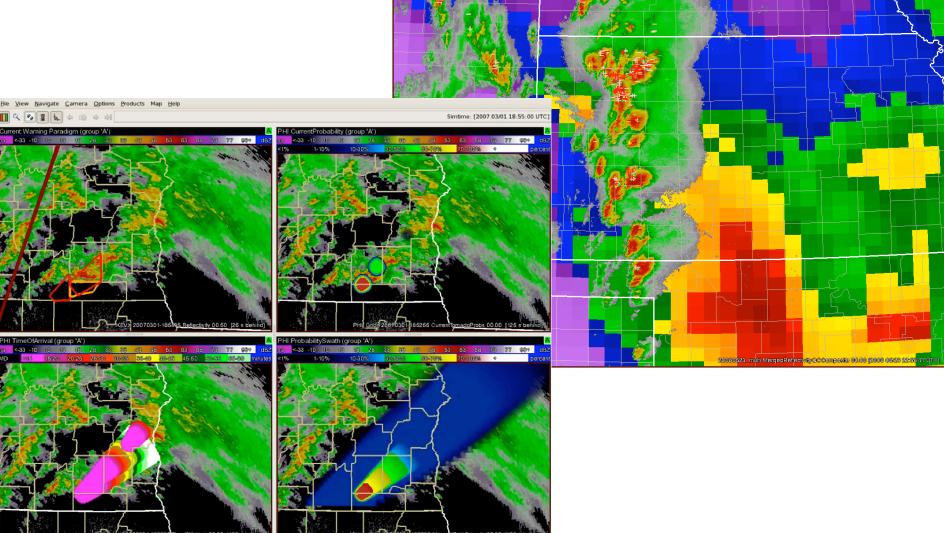


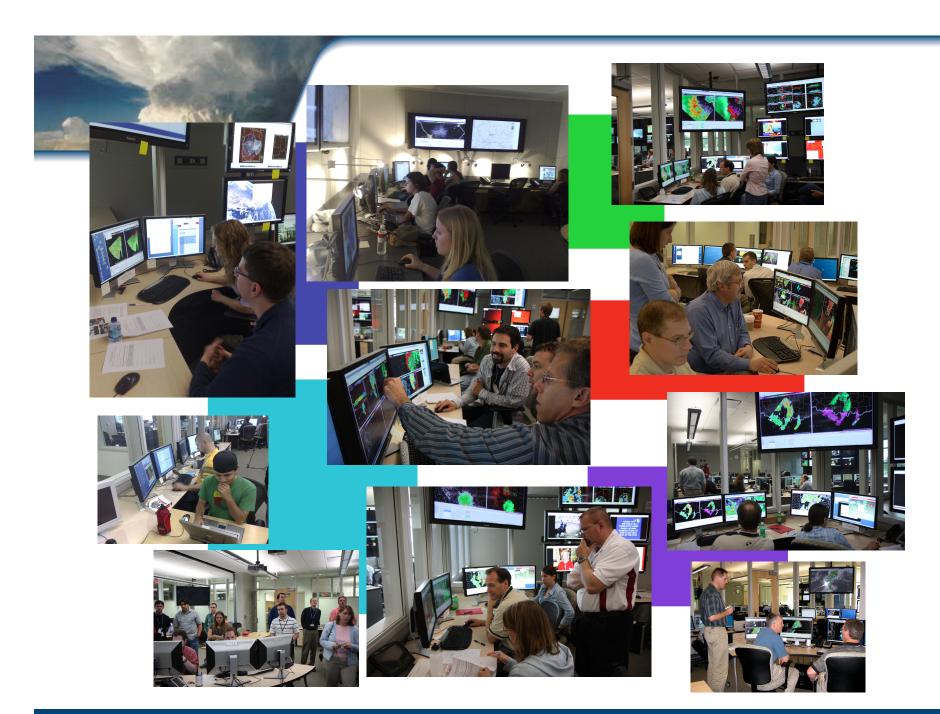






New ways to integrate, assess, disseminate







Quality

➤ Over 30 peer reviewed publications in last 5 years

- Roberts, R. D., D. W. Burgess, M. Meister, 2006: Developing Tools for Nowcasting Storm Severity. Weather and Forecasting, 21, 540-558.
- Brown, R. A., R. M. Steadham, B. A. Flickinger, R. R. Lee, D. Sirmans, V. T. Wood, 2005: New WSR-88D volume coverage pattern 12: Results of field tests. Weather and Forecasting, 20, 385-393.
- Kelleher, K. E., K. K. Droegemeier, J. J. Levit, C. S. Sinclair, D. E. Jahn, S. D. Hill, L. Mueller, G. Qualley, T. D. Crum, S. D. Smith, S. A. Del Greco, S. Lakshmivarahan, L. Miller, M. Ramamurthy, B. Domenico, D. W. Fulker, 2007: Project CRAFT: A Real-Time Delivery System for NEXRAD Level II Data Via the Internet. Bulletin of the American Meteorological Society, 88, 1045-1057

NSSL and CIMMS — University/NCAR — Other NOAA — Private Sector

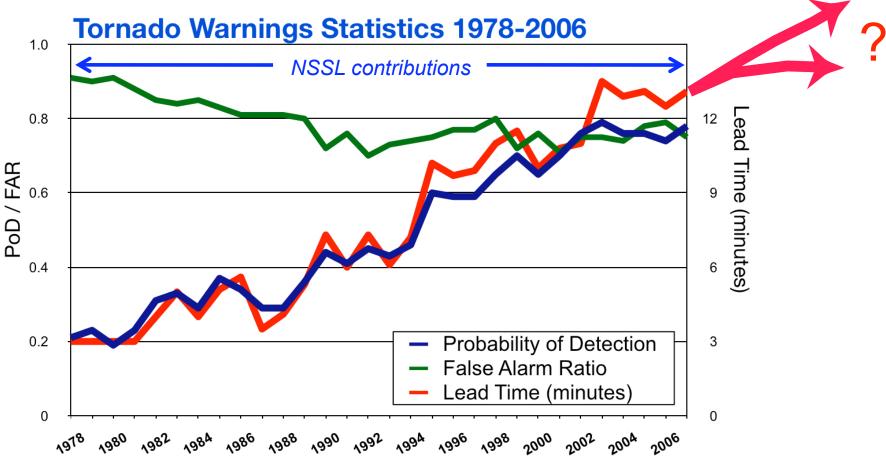
➤ DEPARMENT OF COMMERCE GOLD MEDAL, Vincent Wood and J. Purpura for instituting a program of disseminating NWS hazardous weather warnings to the Oklahoma deaf and hard-of hearing community through alphanumeric pagers (2004)

>~\$1M in external funding from several sources spent during 2008



The A

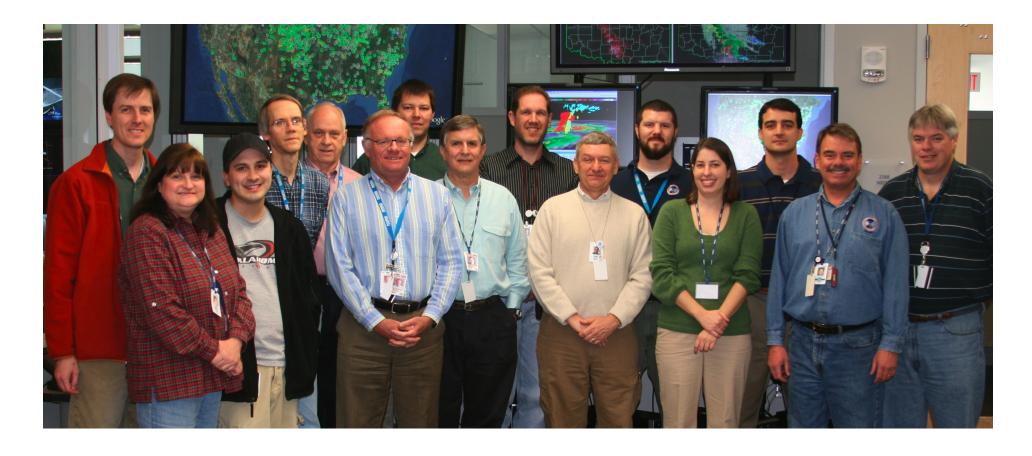
Performance: Tornado Lead Time Success Story



DEPARTMENT OF COMMERCE GOLD MEDAL, NSSL Unit Citation "for achieving scientific and technical breakthroughs leading to the continuous improvements in the national network of Doppler radars (WSR-88D)" (1995)



It's All About the People





Hazardous Weather Warnings Session

Talks:

- Advanced Storm Visualization Techniques (Greg Stumpf)
- Nowcasting Applications (Travis Smith)
- Probabilistic Hazard Information (Kristin Kuhlman)

Electronic Posters (tomorrow morning):

- Hail Verification and Analysis Research (Kiel Ortega)
- Circulation Detection and Analysis (Kim Elmore)

Talks:

Warn on Forecast and VORTEX2 (Louis Wicker – tomorrow morning)

