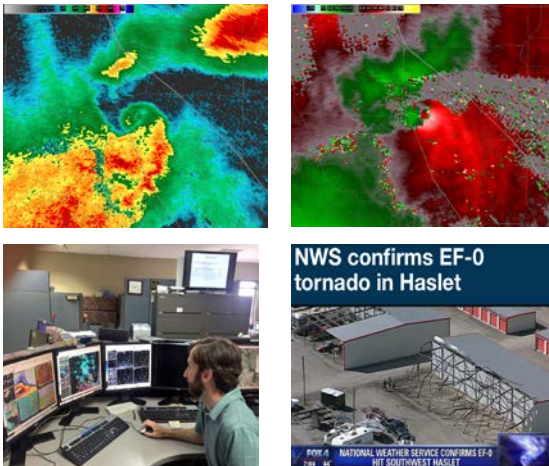


ERC Innovations & Impacts

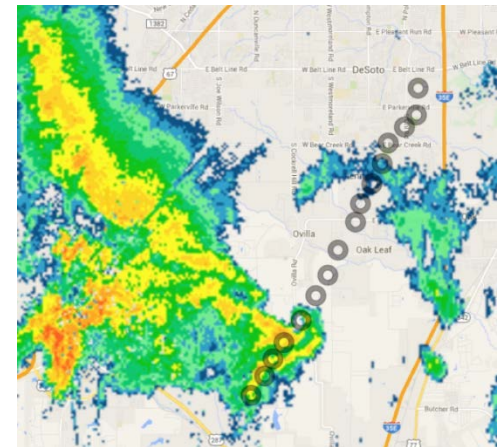
- Radar Network Improves Urban Resilience to Severe Weather -

ERC for Collaborative Adaptive Sensing of the Atmosphere (CASA) at UMass Amherst – CASA is supporting public safety with its Dallas-Ft. Worth network of low-altitude X-band radars



CASA radar data is available at the local National Weather Service forecast office

Tracking tornadoes with street-level precision (right) and supporting decision making for weather forecasters (left) as well as private sector stakeholders



Damage reports confirm location of tornado as seen on CASA radar data