

Oklahoma-Texas Venue Scientists

In-storm Ballooning:

Don MacGorman, Dave Rust, Eric Bruning

Environmental Soundings:

Conrad Ziegler

Radars:

Mike Biggerstaff, Ted Mansell, Terry Schuur, Pam Heinselman, & OU Radar Group

Forecasting / Nowcasting:

Don Burgess (& maybe Eric Bruning, Stephanie Weiss)

Lightning Mapping:

Don MacGorman and Eric Bruning
with considerable assistance from New Mexico Tech group

Graduate & Undergraduate Students from OU & Texas Tech

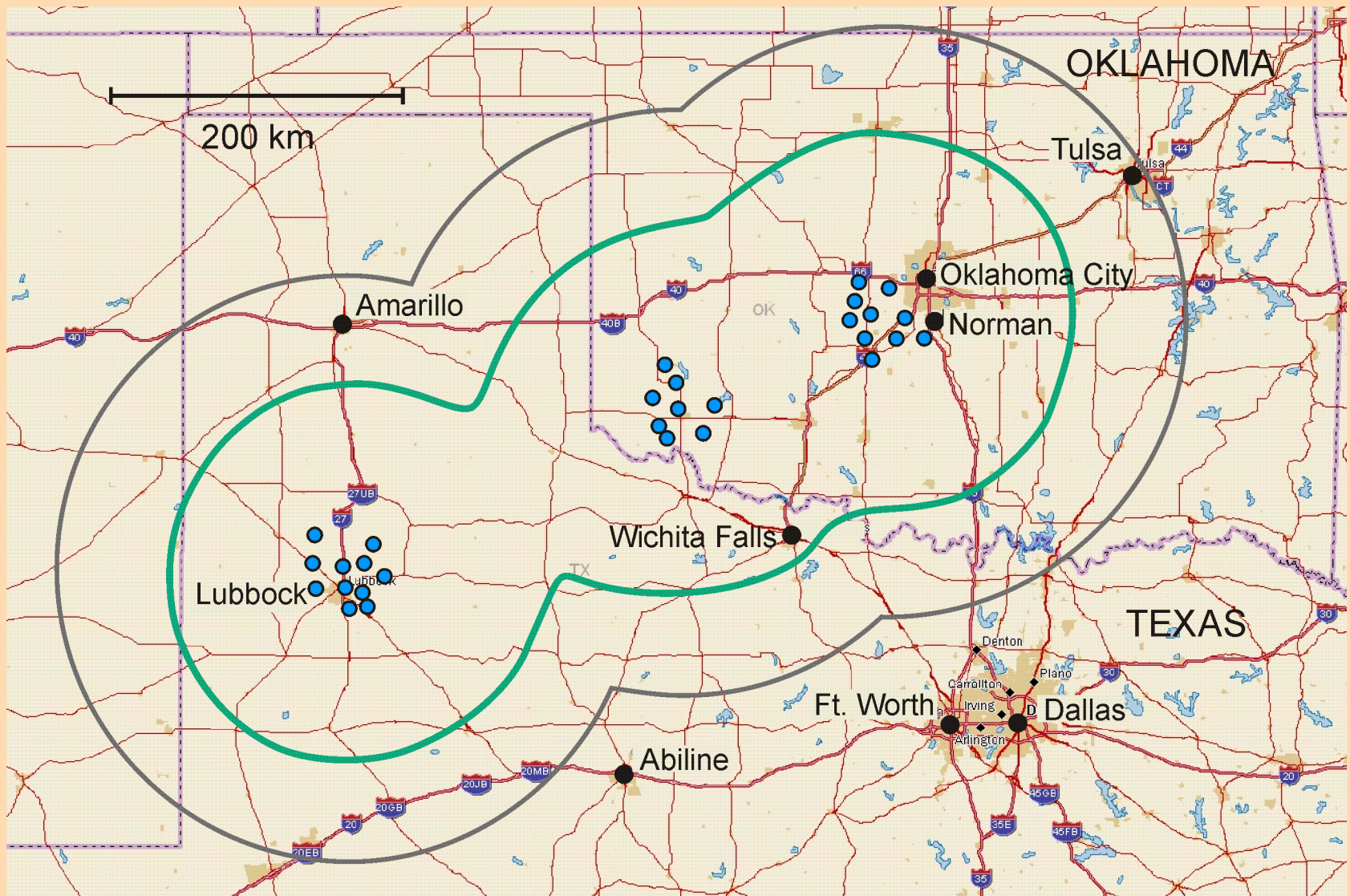
Fixed Oklahoma-Texas Facilities

- Oklahoma and West Texas LMAs
- 5 WSR-88D Radars (2 polarimetric)
- KOUN Polarimetric Radar
- Nat'l Test Bed Phased-Array Radar
- OU Prime C-Band Polarimetric Radar
- DOE ARM Sites
- OK & TX Mesonet Networks

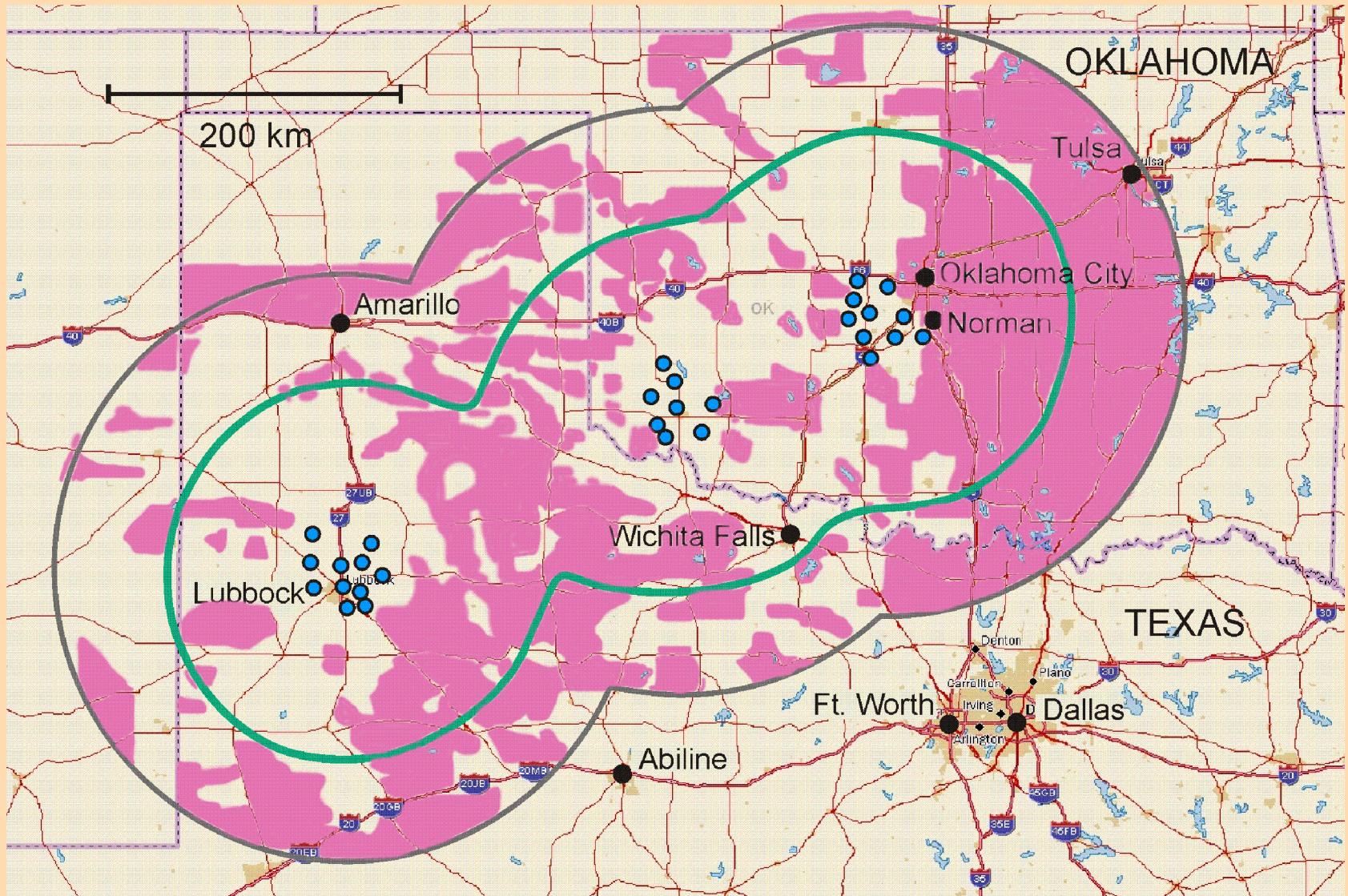
Mobile OK-TX Facilities

- 2 C-Band Radars (1 polarimetric)
- 1 Polarimetric X-Band Radar
- Mobile Environmental Soundings
- In-storm Balloon-borne Soundings
 - Electric Field Meter
 - GPS Radiosonde
 - NSSL's Videosonde and Parsivel Disdrometer

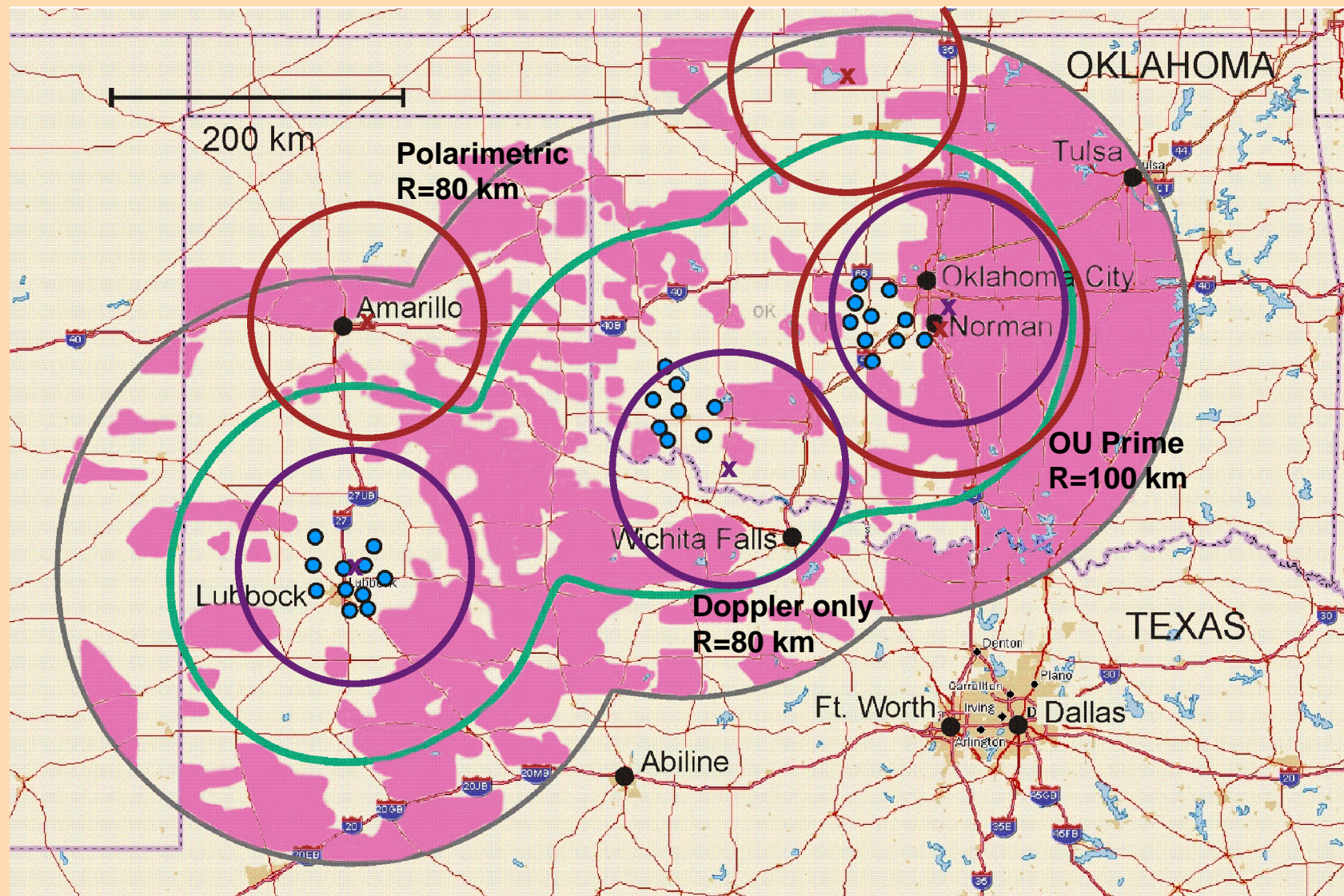
Lightning Mapping Arrays



Problem Areas for Mobile Radar Sites



OU Prime and WSR-88D Radars



Active DOE ARM Sites

