Radar Operations Center (ROC)

Welcomes You
To The
Severe Weather Workshop

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Chief, Radar Applications
NEXRAD Program
NEXT GENERATION WEATHER RADAR
WSR-88D

- Joint effort of the United States Departments of Commerce (DOC), Defense (DOD), and Transportation (DOT)
- Purpose: A national network of weather radar observing systems
- Based on National Severe Storms Laboratory Doppler radar research
Radar Operations Center

Provides WSR-88D life-cycle support

Tri-Agency Staffed & Funded
Located in Norman with Other NOAA Offices
160+ WSR-88Ds deployed throughout the United States and at selected overseas locations.
ROC MISSION

- Keep Operational Radars Running
- Sustain Baseline Operational Radar System Capabilities
- Improve Radar System Reliability and Integrate New Capabilities
- Support NEXRAD Product Improvement Program
  - Address evolving operational requirements
  - Control life cycle costs
  - Address major functional subsystem obsolescence
  - Take advantage of new/improved radar and computer technology
  - Avoid/delay future wholesale radar replacement