

# Radar Operations Center (ROC)

Welcomes You  
To The  
Severe Weather Workshop

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# **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**

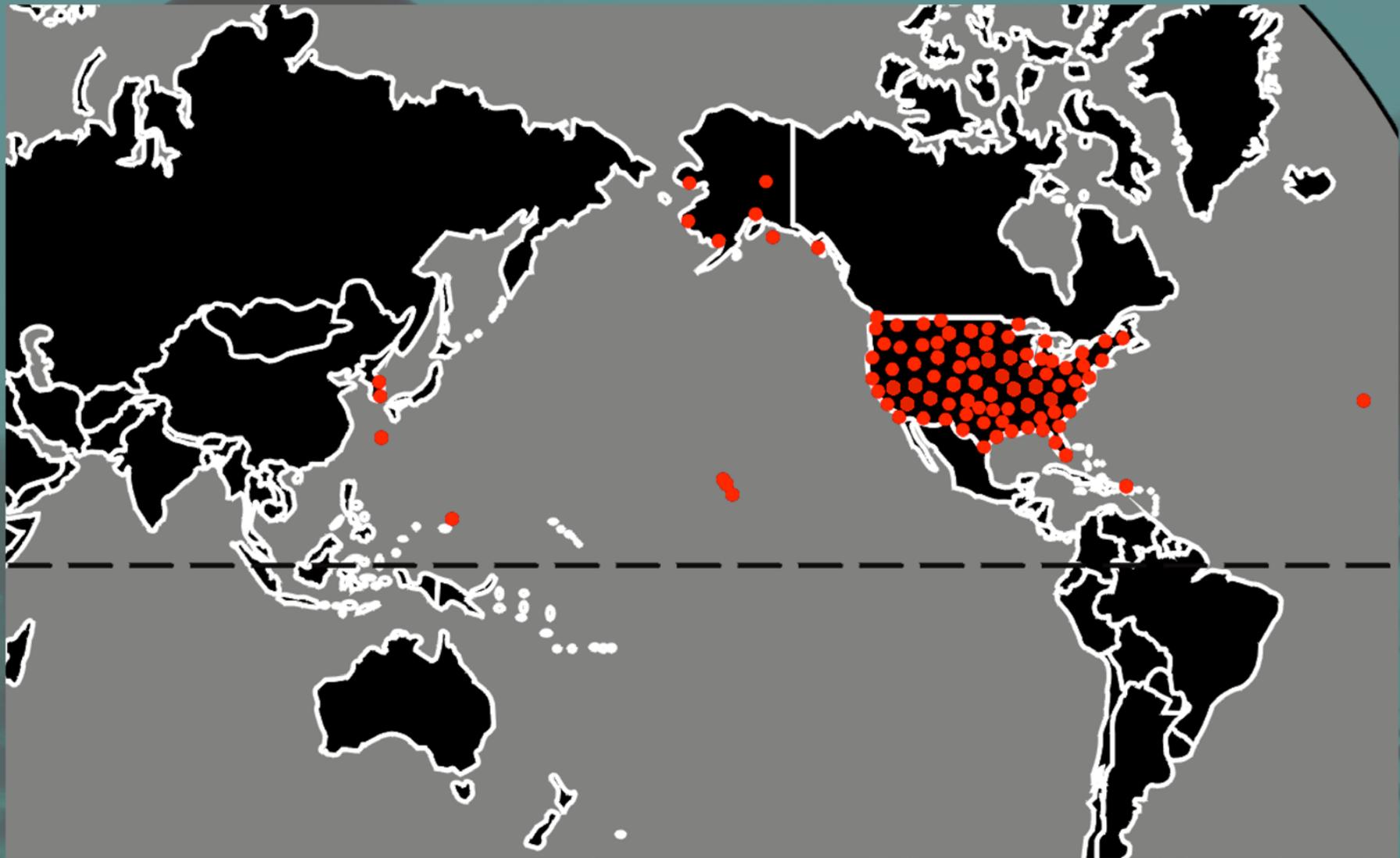
# Radar Operations Center

**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

A large, dark, spherical radar dome is mounted on a tall, lattice-structured metal tower. The scene is set against a dramatic sunset sky with vibrant orange and red clouds. The text "Questions??" is overlaid in white, bold font across the center of the image. In the foreground, the silhouettes of buildings and a street lamp are visible against the bright horizon.

**Questions??**