

NSF NCAR Radar Technology Community Workshop 2026

Breakout Session Questions

- **Session Name: State of the Atmospheric Radar Enterprise in the U.S.**
- **Topic/Scenario:** Science Measurement Gaps
- **Date & Time:** March 10, 2026 | 11:30 am – 12:10 pm MST

Title	Science Measurement Gaps (and Discussion)
Description	The purpose of this sub-session is to highlight gaps in scientific understanding that require more advancement from radar development, support, and technology. The intent is to provide an overview of the gaps to prompt engaged discussion about moving forward and addressing these gaps with updated or new radar technology solutions.
Topics and Objectives	<ul style="list-style-type: none">● Discuss how current radars are being used to understand weather systems● Where are radar observations lacking to help understand physical processes?● What types of radar technology, scanning capability, platforms, etc. are necessary to fill those gaps in understanding?● What are the current and near-term, high priority science needs in the radar community?● What types of atmospheric processes would benefit from new observing capabilities? What capabilities are necessary to achieve success?● How do science gaps affect our ability to advance atmospheric science research? What are the impacts on the public?