

Minnesota Low-Level Radar Gaps

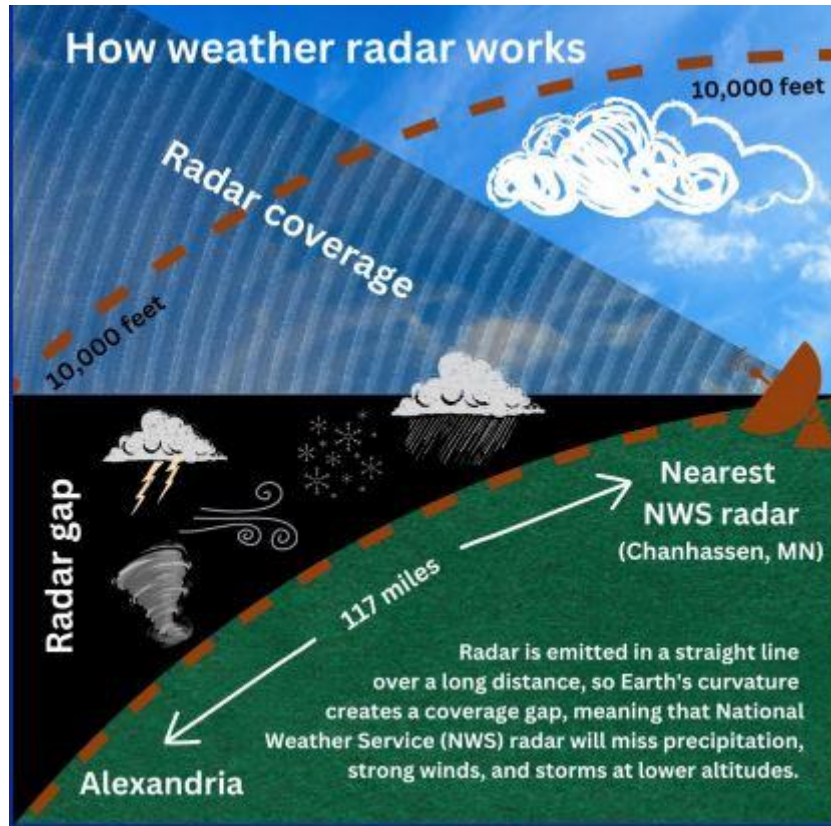
We wish this wasn't
a local county issue.



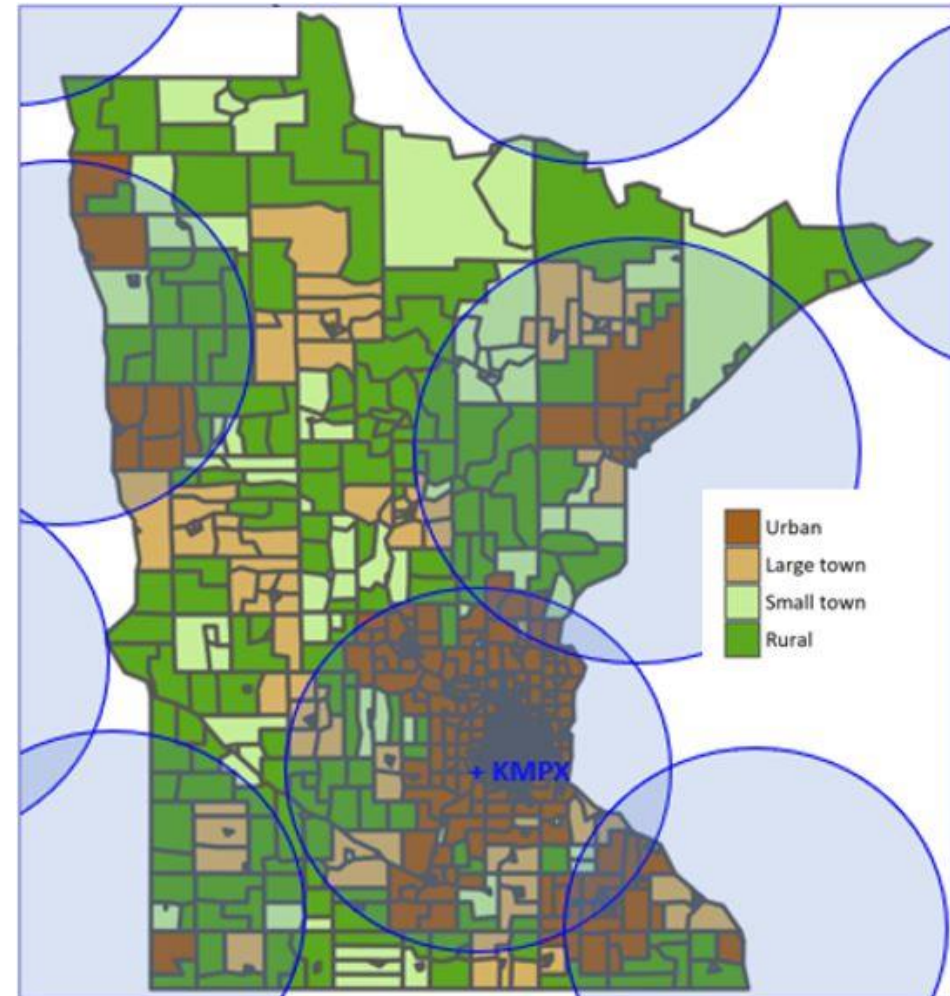
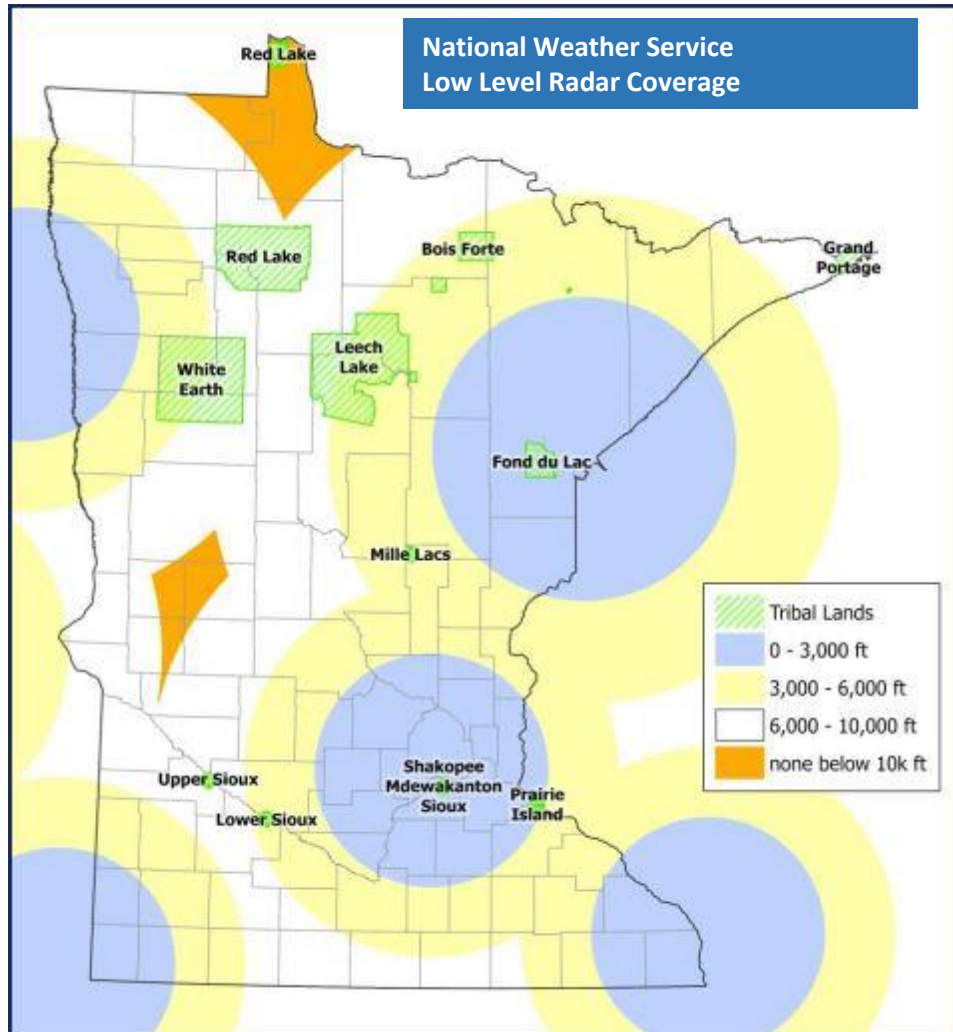
72 out of 87 counties

Low-Level radar gaps

Public Education

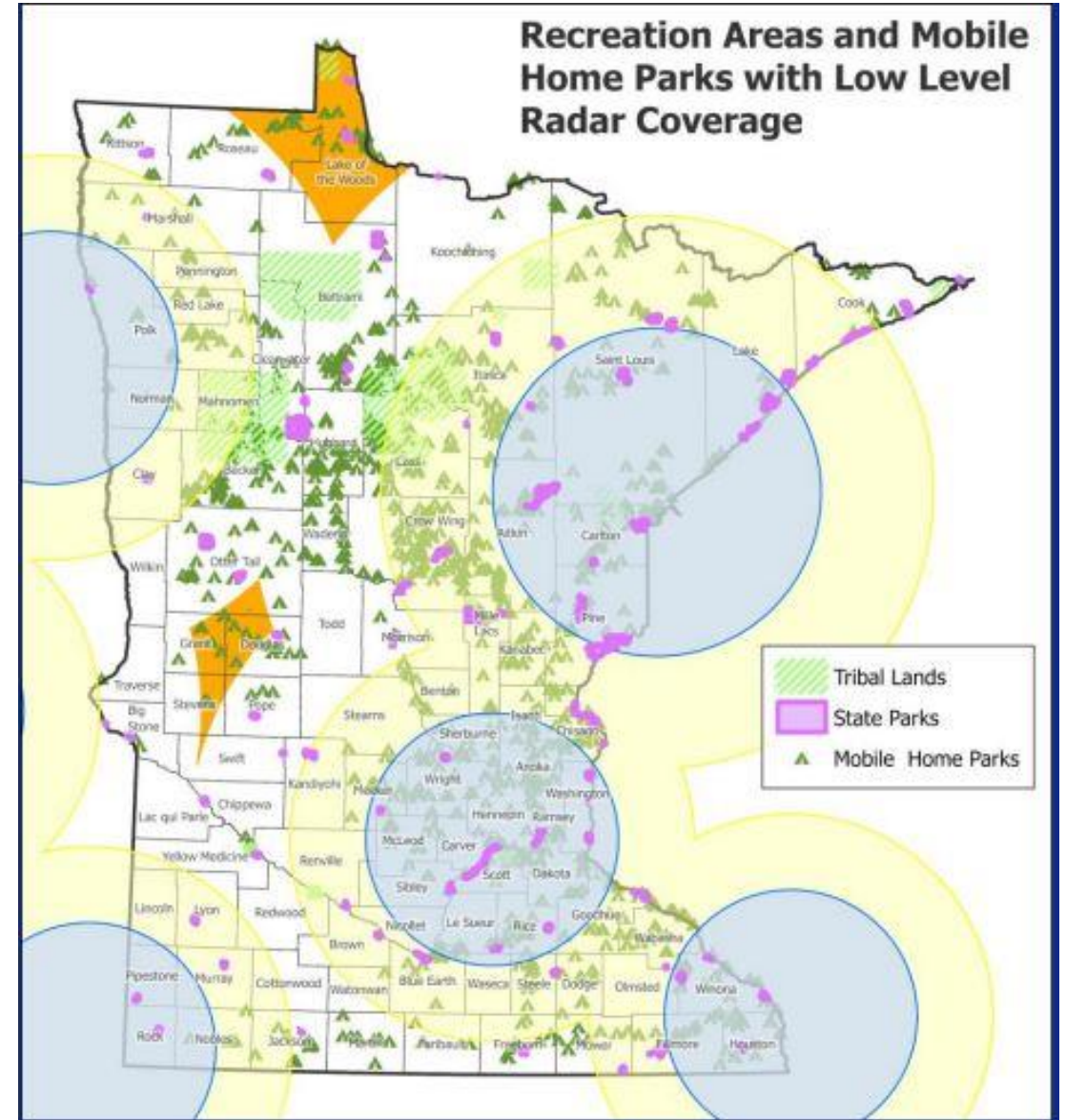
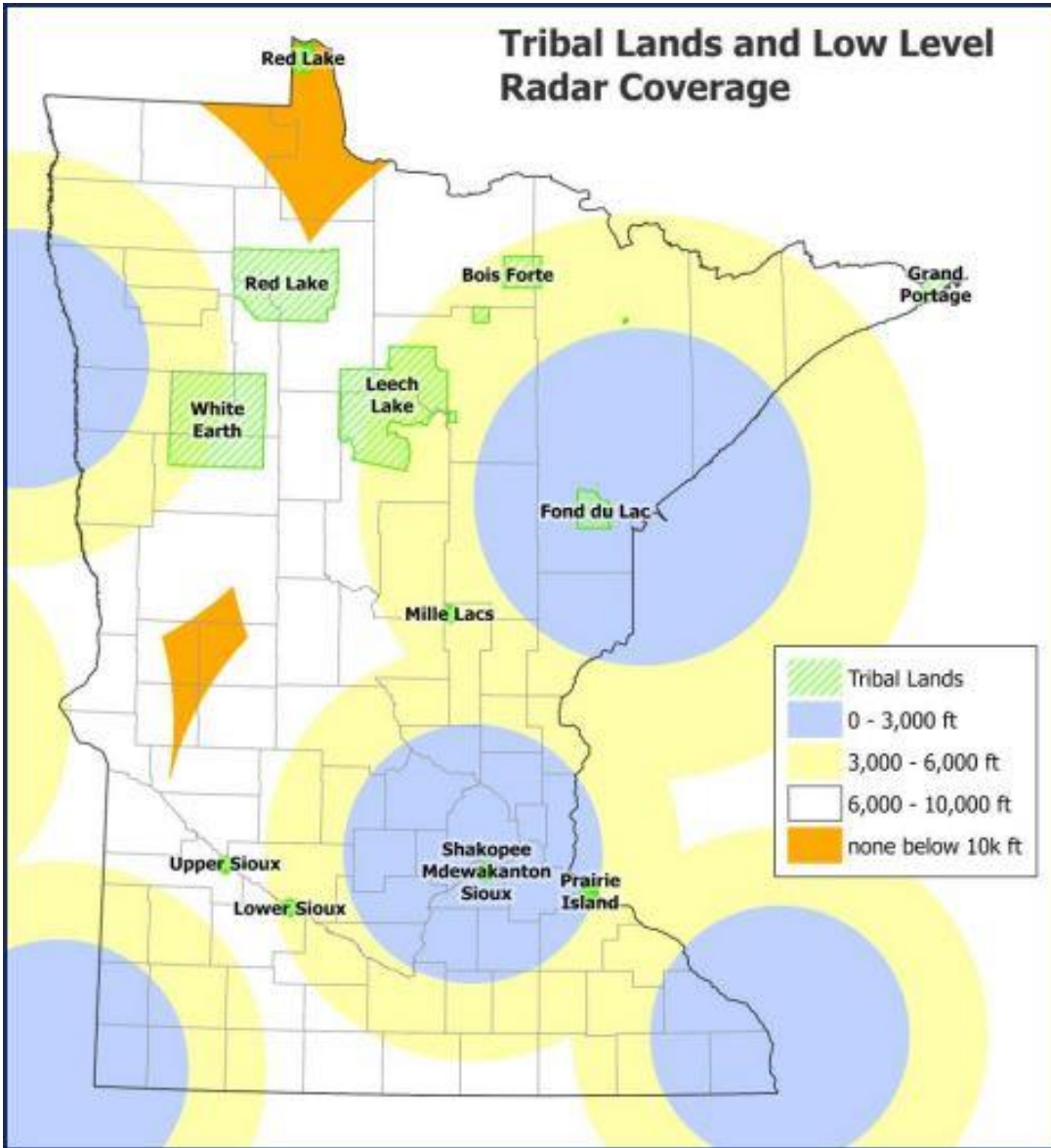


We are here because we are excited to help bring solutions to fill low-level weather radar gaps.



Who are we?

- AMEM Weather Radar Workgroup Members:
 - Ace Bonnema, Kandiyohi County Deputy EM
 - Chris Muller, Beltrami County EM Director
 - Tina Lindquist, Grant County EM Director
 - Greg Gust, Consulting Meteorologist/EM



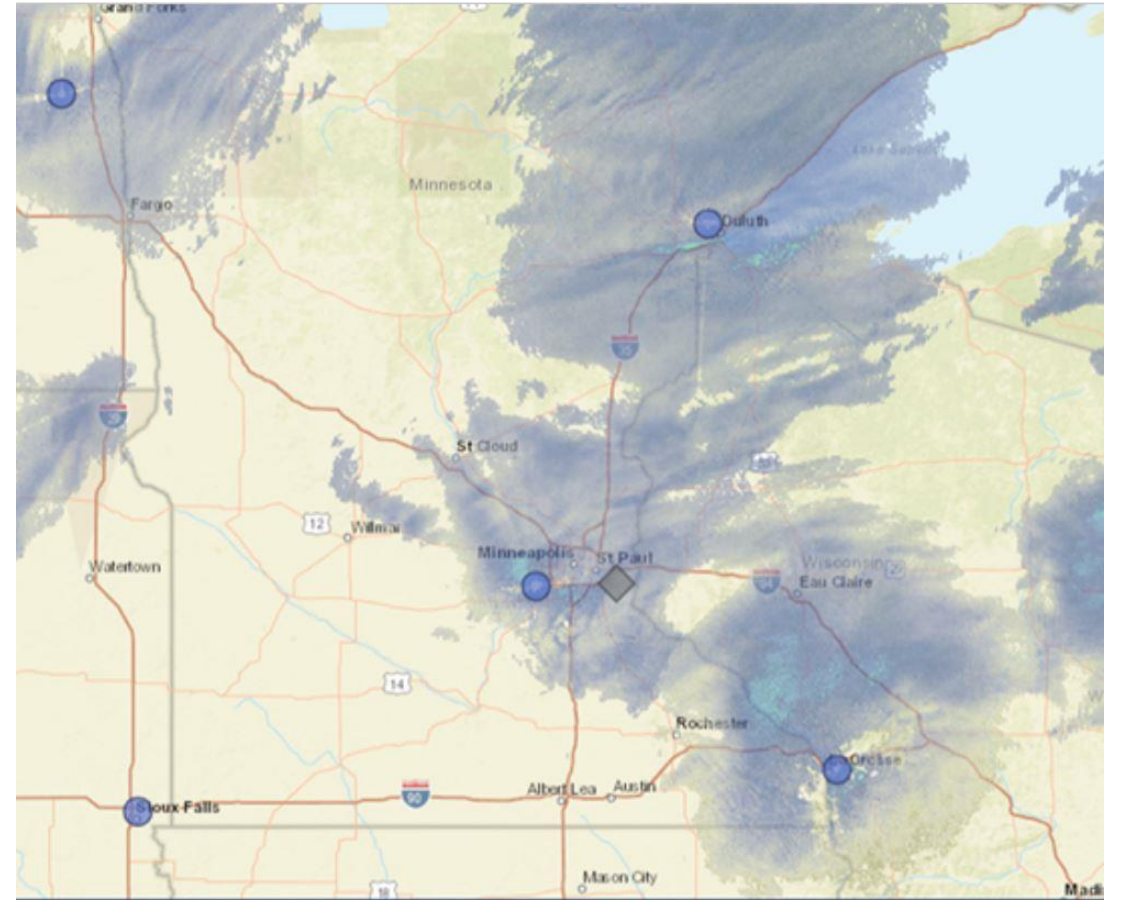
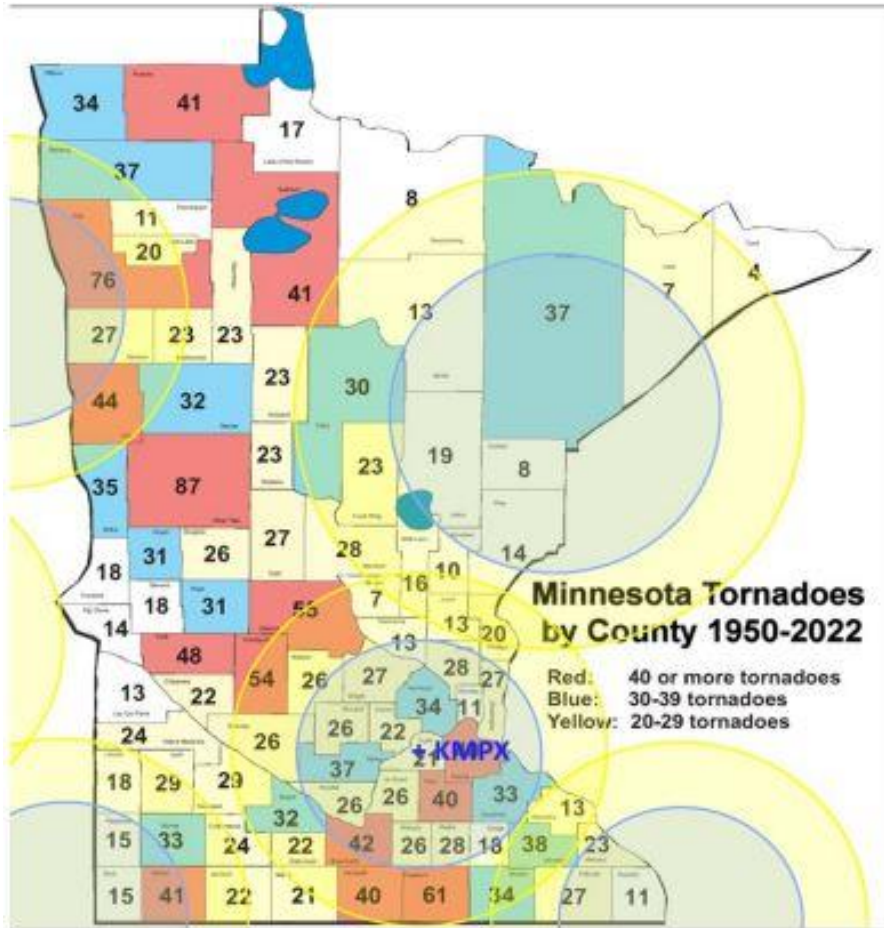
Why is it important?

- Public Safety for everyone
 - Population Explosion
 - Everyone matters
- Responder Safety
 - Sheriff's Office & Highway Department employees, Dispatchers, first responders
- Cost Effective resource allocation
 - Snow plows, water supply, flood mitigation
- Transportation
 - Safe roads

Why is this important to a Commissioner?

- Decision making
- Budgets
- Disaster Declarations
- Public Education

MN experiences more than just cold and snow!
We have large hail storms, derechos, tornadoes, and blizzards.



Everyone uses the NWS radar.

Feds have existing radar network.

State doesn't have a statewide network.

Media doesn't have a radar network.

We need to fill the gaps to support personal responsibility and safety!

Rural MN

- Need data to support decisions
- Population explosion
- Underserved populations
- Substandard Housing

Urban MN

- More time to prepare large communities
- Underserved populations
- Substandard Housing

Who have we talked to?

- Local legislators/senators
- Local Emergency Managers & HSEM
- The public
- Star Tribune
- National Association of Meteorologists

Solutions

No competition.

The goal is to supplement the NWS with additional radars.

Public/Private Partnership

MN Pilot Project

Wendell, MN radar lift week of Oct. 16, 2023

Prinsburg, MN radar life week of Oct. 23,
2023

12 month free trial (26 counties)

**these 26 counties will be notified early December and
given instructions on how to participate, if they choose*



Looking ahead!

- Support building a cohesive network
- Support integration of supplemental weather data into NWS
- Support finding appropriate contacts at local, state, and federal level
- Consider partnerships that help provide solutions

We are passionate about being a part of a **effective** solution that provides **equitable** radar coverage for all MN counties.

Thank you!