



**WHEN SEVERE
WEATHER
THREATENS**

**RED RIVER VALLEY
AMATEUR RADIO
CLUB (RRVARC)
WB5RDD**

WWW.WB5RDD.ORG

Get real time storm spotter updates by monitoring ham radio frequency 146.76 MHz on a scanner, via livestream from our website weather page or the Broadcastify app on your smartphone.

The Red River Valley Amateur Radio Club (RRVARC), celebrating 50 years in service (1973-2023), is your best provider of updates during disasters, natural or otherwise.

Due to the curvature of the Earth, Dallas/Ft. Worth weather radar is only able to show weather at 14,850' above Paris. Ham radio operators, specially trained as weather observers and functioning as storm spotters and chasers, call in observations to our volunteers manning positions in a secure location at the Paris Police Department Emergency Operations Center (EOC). This service provides your best real time updates.

What Service Does RRVARC Provide?

Radio communications support for planned events such as the annual Tour de Paris bike rally and unplanned events such as tornados and other disasters, natural or otherwise. That service is provided by a group of **highly-trained and credentialed** volunteers using their own personal handheld (portable), vehicle mounted (mobile) and base station **“ham” radios** through a fixed repeater site in Atlas, TX, southwest of Paris. The repeater site is co-located with a Lamar County Electric Co-op power station and has multi-path redundant electrical provisioning. The equipment receives radio transmissions from, for example, storm spotters and chasers and then rebroadcasts them. These personal radios would rarely reach much beyond 25 miles and in many cases less. Due to a combination of site repeater features, most notably its antenna height, these **operators have the ability to provide coverage for all 933 mi² Lamar County and adjacent areas of northeast Texas and southeast Oklahoma.**

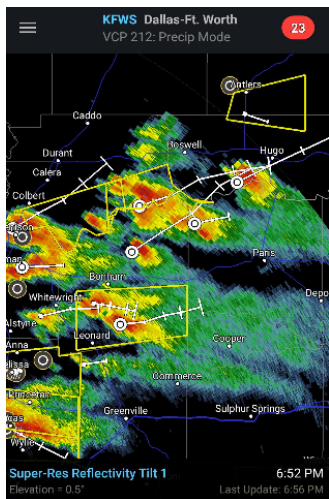


One way RRVARC provides a service to the community is that during severe weather events they go to an activated weather net posture. Previously vetted members with credentials to directly access the **Paris Police Department Emergency Operations Center (EOC)** go there while others that are trained weather spotters and observers start making reports from the field. RRVARC has a **direct radio connection to the National Weather Service Fort Worth**. Broadcast storm spotter reports are coordinated by the RRVARC personnel at the EOC and available to everyone in the Red River Valley area by listening to the repeater frequency (146.76 MHz) via scanner, ham radio, Internet simulcast via Broadcastify.com or the Broadcastify app on their smartphone. **These simulcasts may be monitored from anywhere in the world.**

Why are RRVARC personnel visiting you?

Simply put, **we are seeking your support for our community efforts.** For fifty years the group has provided support for the community and has done it on a very tight budget. That budget was funded with member dues and fundraisers. **The Atlas site equipment is valued at and insured for many thousands of dollars.** At the high-end on our financial goals, the Club has the ambition to do things like add a complimentary **redundant repeater** site and perhaps a **mobile response capability**. We also want to be able to provide enhanced support to the non-ham community so they can use our website for both an audio stream from our repeater and a radar display. **To provide these enhancements we are looking for ongoing support from everyone who potentially benefits. This is an outreach program to develop business support for our efforts via a monthly or annual sponsorship.**

**Red River Valley Amateur Radio Club
(RRVARC) WB5RDD**
2448 Lamar Avenue #726
Paris, TX 75462
www.wb5rdd.org/sponsors



Depending upon the level of support provided, RRVARC sponsors will be provided a decal or plaque showing that they support our efforts. They will also have prominent display on our website with placement in tasteful and eye-catching locations, as well as a dedicated sponsors page. That page will provide sponsors the ability to place one or more photos and a message of their liking, with click through to their own website if they wish it. The RRVARC website already gets **an average of over 500 views a week** and that number continues to grow. As the utility of our weather page continues to get traction in the community we expect significant growth, especially during weather events.

Business Sponsorship Levels

During an in-person visit RRVARC personnel will be able to show you examples of what various levels of giving will secure for you on the website. Our sponsorship levels are listed to the right.

These amounts may be remitted monthly, quarterly or annually, in order to make it as convenient as possible for your entity. We will not invoice, but instead will establish an **ongoing giving channel via**

PayPal, or you may simply remit the donation via check or credit card.

Platinum = \$250 per month
Gold = \$100 per month
Silver = \$50 per month
Bronze = \$25 per month

Finally, RRVARC conducts training and testing for groups of ten or more and **you no longer have to know morse code!** The entry level exam has a **35 question, multiple choice test**. If you would like to have us conduct a session, either at your location or hosted by the Club, please let us know. These sessions are usually two Saturday's from 8am-5pm, with testing at 5pm on the second day. **We look forward to your sponsorship and would love to welcome you, your employees, friends and family into the ham radio hobby!**