

Weather Tools

- NOAA Weather Radio
- WeatherTAP
- RadarScope
- Spotter Network
- APRS
- PWS (Personal Weather Stations)

Weather Tools – NOAA Weather Radio

- Nationwide network of radio stations broadcasting continuous weather information directly from the nearest National Weather Service office 24/7/365
- Covers all 50 States, PR, U.S. Virgin Isl., U.S. Pacific Territories, and certain coastal waters
- Operates on 7 Public Service Band VHF Frequencies

162.400 162.425 162.450 162.475 162.500 162.525 162.550

Weather Tools – NOAA Weather Radio

- Many choices available
- Pricing varies by manufacturer and model
- Many models can listen silently for weather alerts via the SAME protocol and then sound an alarm to warn the listener of a potential weather hazard
- May also broadcast non-weather-related emergency information, such as in the event of a natural disaster, an AMBER alert or a terrorist attack.

Weather Tools - WeatherTAP

- Web based weather radar suite
- Small cost
- Lots of features
- Easy to use after quick training
- Used by NCO's when running nets

Weather Tools - RadarScope

- Smart phone (Android & iPhone) weather radar app
- One time cost
- Easy to use
- Lots of features

Weather Tools - Spotter Network

- FREE
- Short test prior to joining
- Relays your location in real time
- Very useful in keeping track of spotters during severe weather
- Windows client, iPhone & iPad/Android via RadarScope & others, Blackberry app

Weather Tools - APRS

- **A**utomatic **P**acket **R**eporting **S**ystem network
- Free on Android via APRSdroid
- Real time information distribution system
- Very useful in keeping track of spotters during severe weather

Weather Tools - PWS

- **Personal Weather Station**
- Cost varies greatly depending on features of stations (wired vs. wireless, size, type, ETC)
- Real time weather data
- Relay weather data to your own website or to Wunderground.com and other sites

CoCoRaHS

- **Community Collaborative Rain, Hail & Snow Network**
- Non-profit, volunteer based network that measures and maps precipitation (rain, hail and snow)
- Started with the Colorado Climate Center at Colorado State University in 1998
- Small cost to get started (\$39 for rain gauge)
- Easy to do
- Website, Phone, Android & iPhone apps used for reporting data
- Provides valuable data