NWS Quad Cities Service Area Skywarn Network

Amateur Radio plays a very important role in severe weather operations by communicating ground-truth spotter reports from the field to warning forecasters here at the office. This service is provided entirely by volunteers, and is both extremely valuable and appreciated!

- Within our office, we have 2m, 440, and HF capability.
- We activate amateur radio operations during periods of severe weather watches and warnings.
- Due to a high volume of reports during severe weather, it is very important that information be passed effectively and efficiently. To ensure that critical information reaches the right people, please review and follow the Skywarn Net Protocol when interfacing with the NWS Quad Cities (see reverse.)
- Net control support is provided by volunteers from the Davenport Amateur Radio Club.

Area	Primary	Secondary
Quad Cities Metro	146.880 / 146.280 PL77.0	146.700 / 146.100
Iowa		
Anamosa, IA	145.390 / 144.790 PL77.0	
Burlington, IA	146.790 / 146.190	
Cedar Rapids, IA	146.745 / 146.145 PL192.8	145.150/144/550 PL192.8
Clinton, IA	145.430 / 144.830 PL100 (input only)	
Dubuque, IA	147.240 / 147.840 PL114.8	
Fort Madison, IA	146.865 / 146.265 PL100	
Iowa City, IA	146.850 / 146.250 PL192.8	145.270 / 144.670 PL192.8
Mount Pleasant, IA	147.390 / 147.990 PL100	
Muscatine, IA	145.370/147.990 PL100	145.370/144.770 PL100
Washington, IA	147.045 / 147.645	443.000 PL100
Illinois		
Bureau County, IL	146.955 / 146.355 PL103.5	
Dallas City, IL	145.330 / 144.730 PL82.5	
De Kalb, IL	146.730 / 146.130 PL100	
Dixon, IL (Lee Co)	146.970 / 146.370 PL82.5	
Freeport, IL	147.390 / 147.990 PL114.8	442.300 / PL146.2
Galva/Kewanee, IL	442.175 / 447.175 PL225.7	145.490 / 144.890 PL225.7
Macomb, IL	147.060 / 147.660 PL103.5	
Monmouth, IL	444.325 / 449.325 PL173.8 (encode only)	
Ogle County, IL	147.165 / 147.765 PL146.2	
Savanna, IL	147.135 / 147.735	
Whiteside County, IL	146.850 / 146.250 PL114.8 (Sterling)	146.625 / 146.025 PL114.8 (Tampico)

NWS Quad Cities Service Area Skywarn Protocol

Important points to Remember During an Active Severe Weather Net:

- The NWS Quad Cities Forecast Office service area covers 36 Counties in Iowa, Illinois, and Missouri. Because of this large coverage area, it is important to maintain efficient and effective communication.
- It is the job of Net Control to "triage" reports, taking to most urgent and critical first.
- Take the time to be *sure* of your observation.
- Take the time to formulate your report before keying the microphone.
- If you are mobile, make sure you know where you are at all times.
- Remain CALM. Speak slowly and clearly, using standard phonetics.
- During an active net, please do *not* relay second-hand reports from TV, scanners, etc.

Reporting Criteria During an active Severe Weather Net, please report *only* the following:

	Details:
Weather-related injuries/fatalities	- Number injured/dead - Cause of injury
Weather-related damage	- Size/number of trees or limbs down - Damage to cars, trains, tractors, other vehicles - Damage to buildings, signs, traffic signals, etc *Significant* crop damage - Power lines or poles down
Tornado	Rotation visible - Yes, No, Not sure.
Funnel Cloud	Rotation visible - Yes, No, Not sure.
Wall Cloud	Rotation visible - Yes, No, Not sure.
Hail	- Measured or estimated - Size- no marbles!
Wind Gusts (40 mph or greater)	Measured or estimated
Heavy rain (1" or more per hour)	Measured or estimated
Flash flooding	6-inches of water (curb-deep) or more covering roads - Roads closed or washed out - Creeks or streams out-of-banks - Floating cars - Buildings with basements or first floors filling with water, especially where it is uncommon - Mud or rock slides or debris flow

Sample Reporting Procedure

1. Station Calling: {*"Call Sign + Event"*}
2. Net Control: {**" Station reporting (event), go ahead"**}
3. Station Calling: {*"Time, Location, Condition" (TLC)*}
4. Net Control: {**"Roger."**}
Example:
1. Station Calling: *KC5 Mike Delta Oscar, Hail*
2. Net Control: **Station reporting hail, go ahead.**
3. Station Calling: *At 4:50 pm, 1.5 miles north of Donahue, IA, golf ball sized hail.*
4. Net Control: **MDO, I have your report of golf ball hail 1.5 miles north of Donahue. Thank you.**