



2011 Milwaukee Repeater Club

SEVERE WEATHER OPERATIONS

Our Team: AI-N9RXD Brian-KC9GMW Dean-WX9DS George-KC9AVZ
Gregg-W9AWX Heather-KC9QXD Rickard-N6NKO Skip-WD9HAS

During selected severe weather events trained ham radio weather spotters submit storm reports on the 146.910 repeater for relay to the National Weather Service (NWS) as part of the *SKYWARN* program. These reports provide the NWS with real-time ground-truth information so that appropriate warnings can be issued. These reports also permit each of us to test our operational readiness and emergency communication skills. To insure brevity and efficiency, the weather criteria, pro-words, and reporting format are identical on all south central and southeast Wisconsin weather net repeaters.

SEVERE CRITERIA / Pro-words:

Report immediately to the 6.91Net Control Station

TORNADO or **WATERSPOUT**: Include compass direction are you looking. (North-northeast, South-southwest, etc)

FUNNEL CLOUD: Include compass direction are you looking. (North-northeast, South-southwest, etc)

ROTATING WALL CLOUD: Confirm its rotating, include compass direction are you looking. (WSW, SE, etc)

SEVERE DAMAGE: Structural damage to buildings or roofs, snapped/uprooted trees, branches 3" or larger, downed power lines, bent/snapped/collapsed light poles/traffic signs, crop damage, mud slides, cave-ins, sink holes.

SEVERE WINDS: 58 MPH gusts or greater. Indicate if measured or estimated.

SEVERE HAIL: 1 Inch or larger; size in inches. Indicate measured or estimated.

SEVERE FLOODING: Impossible/closed roads, causing property damage, out of banks, washed out roads/bridges/rail tracks.

SUB-SEVERE CRITERIA / Pro-words:

Submit reports to E-Spotter, NWS web page, WINLINK, or a 6.91 Net Control.

MINOR DAMAGE: Cosmetic damage to buildings/vehicles. Tree branches less than 3 inches diameter

MINOR WINDS: 40 to 57 MPH gusts. Indicate measured or estimated.

MINOR HAIL: 3/4 to 7/8 inch; size in inches. Indicate measured or estimated.

MINOR FLOODING: Water over the curb, out of banks, low land areas, not affecting buildings.

RAINFALL: Equal or greater than 1/4" in 15 minutes, or 15 minute+ interval. Include measurement start & end times.

VISIBILITY: 1/2 mile or less. Indicate if fog, precipitation, smoke, or blowing dirt.

ON AIR REPORTING FORMAT:

Start your report with "This is + Your Call + Pro-Word(s)." A net control station will acknowledge you with a "Go Ahead." Next transmit your T-L-C-S (Time, Location, Condition, and Source) information. The net control station will again acknowledge you.

You: "This is W9XYZ Severe Hail"

Net: "X-Y-Z Go Ahead"

You: "4:35 PM, 1.2 miles Northeast of Janesville, Rock Co, 1 inch estimated hail, W9XYZ"

(GPS format "4:35 PM... 4 3 point 1 2 3... 8 8 point 1 2 3... 1 inch estimated hail, W9XYZ")

Net: "Roger X-Y-Z, copy 1 inch measured hail at..." etc.

T-L-C-S

TIME: To the nearest minute you observe the weather event (4:35 PM, 4:35AM).

LOCATION: is your current distance & direction to the nearest city within your county (1.2 miles NE of Janesville, Rock Co), or using GPS latitude & longitude in decimal degree format with at least three digits past the decimal point (43.123 88.123).

CONDITION: Brief description of what you saw or experienced, measured/estimated, magnitude etc.

SOURCE: Your ham call sign.