



# **2009 SKYWARN - SEVERE** **WEATHER NETS**

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During selected severe weather events, trained weather spotters submit storm reports on 146.910 repeater for relay to the National Weather Service (NWS) as part of the SKYWARN program. Our reports provide the NWS with real-time, 'ground truth' information and verify radar data so that the appropriate warnings can be issued. Our severe weather reports also permit us to individually test our operational readiness and emergency communication skills.

In south central and southeast Wisconsin a standard severe weather reporting criteria and reporting format (TLCS) has been established for all participating repeaters within the 20 counties served by the Milwaukee/Sullivan NWS. This process established by the Sullivan Committee insures brevity and uniform reporting.

<b>REPORTABLE CRITERIA</b>	
<b>1</b>	<b><u>Tornado</u> or <u>Waterspout</u></b>
<b>2</b>	<b><u>Funnel Clouds</u></b> - Be sure of your observation!
<b>3</b>	<b><u>Wall Cloud</u></b> (Rotating?) Be sure of your observation!
<b>4</b>	<b><u>Heavy Damage</u></b> <i>Roof &amp; wall materials damaged-collapsed-missing. Uprooted trees, large branches broken, light poles, mobile homes.</i>
<b>5</b>	<b><u>High Winds</u></b> - 58 MPH or higher. <i>(Specify estimated or measured)</i>
<b>6</b>	<b><u>Hail</u></b> - 1.00 Inch (Quarter Size) or larger. <i>Estimated or measured? Report the largest size observed. Ground Covered, Depth?</i>
<b>7</b>	<b><u>Flooding</u></b> – <i>Major structural damage / Evacuations, Roads blocked, depth, washed out, River banks overflowing.</i>
<b>LOWER PRIORITY: As requested by Net Control, send to Winlink, E-Spotter, or E-mail.</b>	
<b>8</b>	<b><u>Small Hail</u></b> : <i>1/2 inch (Small marble size). Specify estimated or measured.</i>
<b>9</b>	<b><u>Minor Damage</u></b> : <i>To buildings, trees, road types, power lines.</i>
<b>10</b>	<b><u>Minor Flooding</u></b> : <i>Water over the curb, some water over roads, some water out of banks.</i>
<b>11</b>	<b><u>Visibility</u></b> : <i>Less than 1/2 mile from precipitation or blowing dirt.</i>
<b>12</b>	<b><u>Rainfall</u></b> : <i>1/4 Inch or more within 15 minutes. Include starting &amp; ending time of your rain gage measurement.</i>
<b>13</b>	<b><u>Winds</u></b> : <i>40-57 MPH (Estimated or Measured?)</i>

## FORMAT YOUR REPORT

Transmit your call sign plus the key underlined word(s) from the above criteria list. The Net Control Station (NCS) will then acknowledge you with the words "*Go ahead.*" Next transmit your **Time-Location-Condition-Source** information. The NCS will then acknowledge your last transmission.

You: **"This is... N9XYZ...Hail."**

Net Control: **"X Y Z go ahead."**

You: **"At 4:35PM, 1.2 miles south of Hales Corners, Milwaukee County, Hail, 1 inch measured,**

**N9XYZ."**

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

***Time:** When you observed the weather event in 12-hour format. **Location:** Your distance & direction from the nearest city center/landmark in your county\*\* **Condition:** Estimate, measured? Describe what you observed, size, intensity, water depth, magnitude, etc. **Source:** Your call sign.*

\*\* Mobile stations in rural area should always know their location and include the nearest major cross roads, county trunks, & highways.

\*\* City centers/landmarks on-line: [www.mrc91.org/wx\\_map\\_index.html](http://www.mrc91.org/wx_map_index.html) (or) [www.mke-skywarn.org/cities.htm](http://www.mke-skywarn.org/cities.htm)

Post and save this form near your base/mobile station and home/work locations.