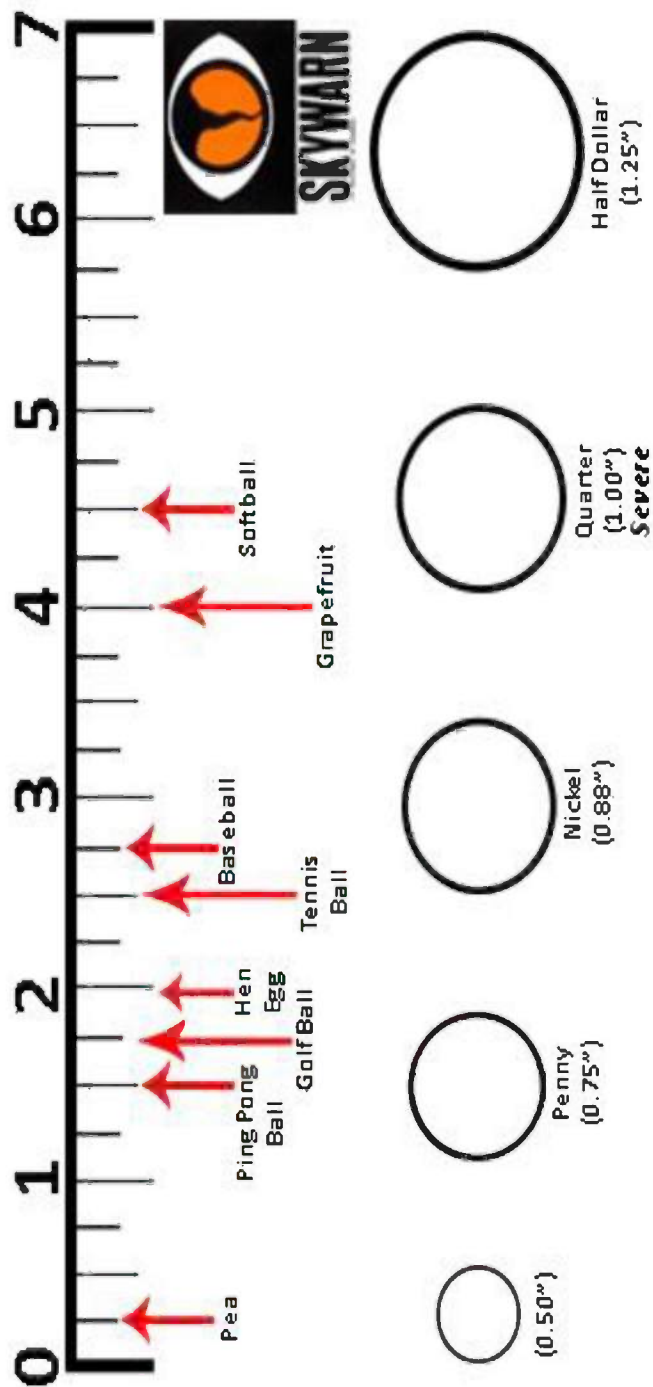


## Hail Size Measurement



## Spotters Aid

### Estimating Wind Speed

Speed (Mph)	Visual Clues and Damage Effects
4 - 7	Leaves rustle, small twigs move
8 - 12	Leaves & small twigs in constant motion; Dry leaves blown off ground; Flag extended
13 - 18	Small branches move; Flags flap
19 - 24	Large branches & small trees begin to sway
25 - 31	Large branches in continuous motion; Whistling sound heard in power/telephone lines; Flags beat & pop
32 - 38	Whole trees in motion; Inconvenience felt in walking against wind
39 - 46	Twigs & small branches break; Impedes walking
47 - 54	Chimney covers & shingles blow off; TV antennas damaged; Construction signs blow over
55 - 63	Small trees blown over/uprooted; Large branches break
64 - 75	Larger trees blown over/uprooted; Small vehicles pushed off roads
> 75	Roofs peel off; Windows break; RVs & mobile homes overturned



### Serving

North Central Ohio  
Ashland, Crawford, Knox  
Morrow & Richland  
Counties

On the W8WE Repeater  
146.940 Receive  
146.340 Transmit  
PL 71.9



National Weather Service  
Cleveland Ohio  
"Serving Northern Ohio and Northwest Pennsylvania"

# WWW.W8WE.ORG

\* \* \* \* \*

The Richland County Skywarn Net is activated by direct request from the National Weather Service, and/or Local Emergency Officials. Whenever severe weather or threatening weather approaches our area. Richland County area of responsibility covers all of Richland Crawford Knox Morrow and Marrion Counties in Ohio.

The net is responsible for providing the National Weather service with accurate and timely reports from spotters in our area or relays of reports of conditions in the counties of our responsibility. The North Central Ohio area is of key importance in gathering information from the west and southwest. The goal is to provide the national weather service with the information needed to establish proper watches and warnings.

A net control may be established at a home station, until the weather situation jeopardizes the continued operation of that station. Net Control from home stations will use their own call. Net control can be run from W8WE at the Richland County EMA, or from the ARES Trailer.

Mobile spotting is usually not requested in our area, however, it may be necessary to request this type of information due to a lack of base stations within an area. We ask that you do NOT take unnecessary risks with your life or personal property. Mobile units with experienced spotters can also go to check damage reports. Often the damage can be surveyed to determine if the damage was from strait line winds or rotational winds. To determine the size and health of downed trees, and other structural damage. The national weather service is also interested in these types of reports.

The amateur radio community is committed to this important public service. With your help the Richland County Skywarn program will continue to provide this service well into the future.

## Spotters Information

\* \* \* \* \*

Whenever severe weather is forecast for our area, or any of the counties in our area of responsibility, we encourage you to monitor the 146.940 repeater.

Prior to the arrival of threatening storms, monitor the repeaters in the outlying areas where the storms are approaching from, and relay any traffic of importance to the 146.940 repeater.

When the National Weather Service Issues a severe weather Watch the 146.940 repeater will be placed in watch mode. When the NWS Issues a Severe Thunderstorm WARNING, the net will take check-ins from area amateur radio operators. The net will accept SEVERE weather reports (Please read \*what to report\* section) from the area. When the NWS Issues a TORNADO WARNING, the net will NOT take check-ins Until the TORNADO WARNING is over and Only takes EMERGENCY TRAFFIC (see \*what to report\*) during this time.

When relaying reports of severe weather, it is important to have the actual time and location (cross roads) and measurements for the report being relayed.

### \*What To Report\*

All Thunderstorms have Dark Clouds, Lightning, and Rain. We are Looking for Severe Reports Not Rainbows or Nice Weather.

#### \*Severe Reports Include\*

Measured Rainfall Amounts, Hail, Strong Winds, Lightning Damage, Flooding in areas that normally DO NOT flood. Property Damage, Trees Down, Lines Down Etc.

If there is something, lines or trees Etc., blocking a road please call the Department in that area, or if the power is out report it to the utility company, then report it to the net.

#### \*Priority Reports include\*

Hail ½ inch or larger, Winds in excess of 50 MPH, Flooding in progress, Measured rainfall amounts

#### \*Emergency Reports include\*

Wall Cloud, Rotation, Funnel Cloud, Tornado, Hail ½ inch or larger during a tornado watch or warning.

## Numbers & Frequencies

\* \* \* \* \*

### \* Phone Numbers \*

NWS – Cleveland	800-262-9683
Ohio highway patrol	419-756-2222
Richland County Sheriff	419-524-2412
Mansfield PD	419-522-1234
Mansfield FD	419-524-2424
Ontario PD	419-529-2115
Ontario FD	
(Springfield Twp.)	419-529-3233
Lexington PD	419-884-1032
Lexington FD	
(Troy Twp.)	419-884-1542
Madison Twp Fire	419-525-1313
Ohio Edison Electric	800-633-4766
AEP Electric	800-672-2231
Columbia Gas Of Ohio	800-835-7191

### \* Frequencies to listen to: \*

NWS Backbone Cleveland	52.680
Ashland Primary	147.105
Ashland Backup	145.130
Crawford	146.850
Huron	146.865
Knox	146.790
Marion	147.300
Morrow	146.775
Richland Primary	146.940
Richland Backup	147.360

Distribute to any and all interested parties.

Make copies and keep in your vehicles.

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