



# Weather Spotter Reference



# 1-800-428-2585

Call if you see any of the following, 24 hours a day :

- **Tornado, funnel cloud, or waterspout** : Always look for rotation. Report location and direction of movement, if possible.
- **Hail** : Report dime sized or larger. Without a ruler, relate sizes to monetary units (see below).
- **High Winds** : Report sustained winds approaching 40 mph, and gusts approaching 55 mph. Use Beaufort Scale of damage to estimate wind speed (see below).
- **Heavy Rain** : Report an inch or more within 12 hours, or 0.50 inches or more within 1 hour.
- **Flooding** : Report rivers approaching bankfull, and significant ponding on roadways.
- **Dense Fog** : Report when visibilities are near zero causing dangerous traveling conditions.
- **Heavy Snow** : Report 1 inch or more in Willamette Valley or coast. Report 4 inches or more at higher elevations (except Cascades, report only over 6 inches)
- **Blowing Snow/Blizzard conditions** : Report when winds greater than 30 mph, and visibilities are less than 1/2 mile due to snow.
- **Freezing rain/Sleet** : Report any freezing rain. Report sleet when accumulation begins.
- **Heavy Surf/Coastal Flooding** : Report any beach erosion, or waves inundating coastal property
- **Volcanic activity or Earthquakes** : Report any activity that would be a threat to lives and property.
- Occasionally monitor NOAA Weather Radio and inform us of any broadcast problems

### Estimating Wind Speeds :

32-38 mph : Whole trees in motion. Noticeable resistance walking.  
39-46 mph : Twigs and small branches broken from trees.  
47-54 mph : Roofing shingles begin blow away. Very difficult to walk.  
55-63 mph : Larger trees uprooted, but remain intact.  
64-72 mph : Pieces of roofs removed. Larger tree branches broken.  
73-85 mph : Trees and power poles broken in half.  
86-100 mph : Whole roofs removed. Significant tree damage.

### Estimating Hail Sizes :

Pea	1/4 inch diameter
Dime	1/2 inch diameter
Penny	3/4 inch diameter
Nickel	7/8 inch diameter
Quarter	1 inch diameter
Half Dollar	1.25 inch diameter
Golf Ball	1.75 inch diameter

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