## National Weather Service

## Missoula Montana

## Spotter Network Reporting Procedures

When you observer or hear of weather conditions that meet or exceed the criteria listed below, telephone your report immediately to the National Weather Service office in Missoula. Our toll-free number is:

## 1-800-676-6975*

$>$ High Wind: 40 mph or more sustained or gusts. (Please use table below to estimate wind speeds.)
$>$ Heavy Snow: Snowfall rates of one inch or more per hour. 6 inches in 12 hours or 8 inches in 24 hours.
$>$ Dangerous Wind Chills: Minus 10 degrees or colder (Please use table below to estimate wind chills)
$>$ Freezing Rain: Falls as rain, freezes on contact
$>$ Visibility: less than $1 / 4$ mile for any reason (e.g. dense fog, smoke)
$>$ Heavy Rain: $1 / 2$ of an inch or more per hour
$>$ Flooding: any kind (e.g. rivers/streams abnormally high, water over roads, debris flows, ice jams)
$>$ Damage, Injuries and/or Death that were weather related
$>$ Hail: Any size (Please use table below to estimate hail size)
$>$ Tornado (cloud to ground), Funnel Cloud (not touching the ground) or Waterspout (over water)
> Unforecasted Weather

When calling in your report, please tell us briefly:
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* Unlisted number, ONLY for weather reporting
- Who you are and where you are calling from
- What you have seen (hail, high winds, heavy snow, etc.)
- Where you saw it (i.e. 4 miles West of Missoula)
- When you saw it (the time of your observation)
- What it was doing (movement, damage observed, trend - i.e. snowfall is becoming heavier, etc.)

Wind Speed Estimates (MPH)

25-31 Large branches in motion
32-38 Whole trees in motion
39-46 Twigs break off tree; wind impedes walking

47-54 Slight structural damage; branches break

55-63 Trees uprooted; severe structural damage

64-74 Widespread damage
75+ Devastation

