

Storm Spotter Field Checklist

Dispatch Phone: _____
EM / Fire / Police Freqs: _____

EM Phone: _____
HAM Frequency: _____

My name/call sign is _____ **With Agency/Jurisdiction)**_____

Location: Give actual location for hail/wind. Give your location and dir/distance for tornado/funnel:

At _____ **am/pm, I have spotted a:**

- **Tornado: Why are you calling it a tornado?**
Are you close enough to note rotation? Yes No
Is it a Brief Touchdown or Is tornado remaining on the ground?
Damage: (if none state open field)
Injuries:
- **Funnel Cloud (rotation should be noted):**
Direction and distance the funnel cloud is from you?
Do you note rotation? Yes No
- **Wall Cloud: (report only if you note sustained rotation rapid inflow vertical motion)**
Direction and distance the wall cloud is from you?
- **Severe Wind: Strength:** Measured: _____ mph Estimated: _____ mph
Damage Noted: (please be specific)
- **Severe Hail: What size in terms of balls or coins:**
- **Flooding:** Specify specific Highway or Low Water Crossing - _____
Is the road closed? Yes No

Amateur Radio

SGF (Primary)	145.490
SGF (Backup)	146.910
Aurora	146.970
Ava	146.625
Branson	147.150
Bolivar	147.060
Eldorado Springs	146.670

Highlandville	145.230
Houston	147.135
Joplin/Pittsburg	145.350
Kimberling City	147.345
Lamar	147.240
Lebanon	146.700
Mansfield	147.090

Nevada	147.135
Nixa	145.270
Rolla	146.790
Shell Knob	145.210
West Plains	146.940
Natl Spotter Simplex	146.550

Web References – Main NWS Springfield: www.weather.gov/sgf

Webriefs	www.crh.noaa.gov/sgf/?n=webbriefing	Ridge Radar	http://radar.srh.noaa.gov/
Graphical HWO	www.crh.noaa.gov/sgf/?n=hwo	GIS	www.nws.noaa.gov/gis/
National Guidance	Storm Prediction Center National Severe Storms Laboratory	www.spc.noaa.gov (also go to www.hpc.noaa.gov) www.nssl.noaa.gov	

NOAA Weather Radio Quick Reference

Transmitter	Frequency (MHz)	Location (County)
Alton	162.500	Oregon
Avilla (Joplin)	162.425	Jasper
Branson	162.550	Stone
Cassville	162.525	Barry
Dixon	162.500	Pulaski
El Dorado Springs	162.475	Cedar
Fordland (SGF)	162.400	Webster

Transmitter	Frequency (MHz)	Location (County)
Gainesville	162.425	Ozark
Hermitage	162.450	Hickory
Neosho	162.450	Newton
Osage Beach	162.550	Miller
Summersville	162.475	Texas
West Plains	162.525	Howell

Accuracy

Tornado, Funnel Cloud

- Typically found at rear of supercell
- Rotation should be witnessed
- Damage or debris evident as circulation touches down
- If no damage or debris but rotation evident then report a funnel cloud
- Too far away? Hold off on reporting
- Not sure? Report but state uncertainty

Wall Cloud

- Persistence - 10 to 20 minutes
- Surface Inflow - 20 to 30 mph +
- Rapid Vertical Motion
- Persistent Rotation - visible, violent
- Rear Flank Downdraft - visible clear slot

Storm Spotter Safety:

Supercell

- Step 1: Identify the updraft and downdraft(s) and apply the right hand and wind shield rule. Remain at least 3 miles away!
- Step 2: Determine storm motion, monitoring
- Step 3: Make sure your location is safe, id an escape route
- Step 4: Look for visible rotation in updraft
- Step 5: Watch rain free base for wall cloud and/or tornado development.

Squall Line:

- Step 1: Worst is first! Identify the shelf cloud extending across horizon and anticipate damaging wind. Check your location for potential falling objects
- Step 3: Watch for short-lived, fast developing tornadoes
- Step 4: Seek shelter or position car safely

