

NWS Tucson SKYWARN Spotter Quiz

1) A tornado can only exist if a *visible* condensation funnel is in contact with the ground.

True / False

2) In Arizona, flash flooding is the #1 ranked weather-related killer.

True / False

3) Of all the severe weather hazards *associated with thunderstorms*, which causes the most fatalities in Arizona?

Lightning

Dust Storms

Tornadoes

Flash Floods

4) You should only report *numerical wind speeds* if you are using wind measuring equipment or can relate the velocity to the real world by using the Wind Speed Estimate Chart.

True / False

5) A thin, wispy, anvil is a characteristic associated with very powerful thunderstorms.

True / False

6) Supercells are almost always severe.

True / False

7) Microbursts are difficult to detect and warn for.

True / False

8) Gust fronts are produced by downbursts.

True / False

9) Gust fronts may be associated with: (pick the best answer)

The onset of gusty winds

Dust storms

Possible new storm formation

All of the above

10) A wall cloud is an isolated lowering of the rain-free base that is UNATTACHED to it.

True / False

11) Which of these statements about gustnadoes is INCORRECT?

Form on the periphery of gust fronts

Are a surface based wind shear event

Have a circulation that does not connect to the cloud or thunderstorm base

Are really just small tornadoes

12) Which of the following should you NOT report to the NWS?

0.50 inch of rain in 60 minutes or less	Tornado
Dime size hail	Wind Damage
1 inch diameter hail	Frequent Lightning
½ mile visibility in blowing dust	Funnel Cloud
Wildfire	45 mph Winds