



Wyandotte County  
Emergency Management Department  
Radio Amateur Civil Emergency Service



[www.wycoraces.org](http://www.wycoraces.org)

W0KCK

2016  
RACES Storm Spotter Exam

NAME: \_\_\_\_\_ Call Letters: \_\_\_\_\_

ADDRESS: \_\_\_\_\_

\_\_\_\_\_

E-MAIL: \_\_\_\_\_

**PART I – WYCO RACES PROTORCOLS**

Complete the following with the most correct answer.

1. The net and Net Controllers are officially activated by:

\_\_\_\_\_

2. Once activated, WYCO RACES nets are directed nets, which means:

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

3. If you are a certified spotter and the net has been activated for a watch, you should only report in if you are \_\_\_\_\_ to respond to an assignment or you are able to report from \_\_\_\_\_.

4. All \_\_\_\_\_ of equipment and your vehicle should be completed before advising availability for a spotter location.

5. Keep all transmissions \_\_\_\_\_.

6. Keep the frequency clear of all \_\_\_\_\_ transmissions.

7. Assignments will be based on the members' proximity to required locations and priority given by \_\_\_\_\_.

8. You are permitted to refuse any instructions from Net Control which will place you in

\_\_\_\_\_.

9. What are four important Spotter Safety Tips (ACES):

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

10. Upon arrival at the spotter location, ensure you have at least \_\_\_\_\_ exit(s).

11. List two things you should do when suspicious activity occurs at your assigned location.

\_\_\_\_\_  
\_\_\_\_\_

12. List two things you should do when Law Enforcement, Security Guard, or official of the location you are spotting from request that you leave the area?

13.

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

14. Quarter inch hail is falling at your location. Advise how you would report the situation to Net Control?

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

15. What you should do should your radio fail?

\_\_\_\_\_

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**Circle the correct answer(s).**

16. What of the following can WYCO RACES members use to anticipate severe weather days?

- a) Local NOAA NWS web page
- b) NOAA all-hazards radio
- c) TV and Radio
- d) All Above

17. Activation of Net Controllers and the WYCORACES Net is requested by:

- a) Any RACES member.
- b) Wyandotte County Emergency Management
- c) Wyandotte County Sheriff's Office
- d) The WYCORACES Chief Radio Officer or Operations Officer

18. Upon arrival at your assigned spotter location you should:

- a) Advise Net Control
- b) Complete a safety check of equipment and your vehicle
- c) Advise the nearest spotter location what you see.
- d) Switch frequencies to listen to another net until something happens

19. If Net Control requests that you should go to spotter location "P03", where is this location?

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20. What is the Tactical Call for spotter location "P01"?

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21. Sighting situations that should be reported as an "emergency" include:

- a) Funnel cloud
- b) Rotating wall cloud
- c) Tornado
- d) All of the Above

22. "Urgent" reports to the Net Controller from an assigned spotter location include which of the following:

- a) Hail size of 1 inch
- b) Wind speed of 58 mph or greater
- c) Rainfall amounts of 1 inch/hour or more
- d) All of the Above

23. Spotter assignment will be based on priorities given by the:

- a) Net Controller
- b) Emergency Management Duty Officer
- c) Member's proximity to locations to be manned.
- d) All of the Above

24. After you arrived and checked in with Net Control on your assigned spotter location how would you identify yourself when calling into Net Control?

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25. When the probability of severe weather is known, WYCORACES personnel should:  
(Circle

- a) Review severe weather operations procedures and make necessary preparations for activation.
- b) Expect initial contact via the paging system by the EOC.
- c) Monitor Wyandotte County RACES frequencies.
- d) Monitor commercial broadcasts and/or NWS websites.
- e) All of the above.

26. Which of the following items must a WYCORACES member assigned to a spotter location complete.

- a) Report to Net Control only what they see.
- b) Advise net Control when they are in route to and arrived at an assigned location
- c) Remain on frequency at all times.
- d) All of the above

**PART II STORM SPOTTER EXAM**

1. \_\_\_\_\_ is an underrated thunderstorm hazard and can occur far away from the rain area.
  
2. The NWS office that issues the warnings from Wyandotte County, Kansas is located in \_\_\_\_\_  
\_\_\_\_\_
  
3. \_\_\_\_\_ is your personal indoor storm detector and allows you critical information direct from the National Weather Service 12/7.
  
4. Three resources available to you to anticipate severe weather include:  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_
  
5. List 3 hazards produced by severe thunderstorms:  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_
  
6. How do you report the size of  $\frac{3}{4}$  inch hail?
  - a) Penny size
  - b) Marble size
  - c) Baseball size
  
7. What effects would you see as result of 39-54 MPH winds?
  - a) Twigs breaking off trees.
  - b) Cows flying by.
  - c) Roofs blown from houses, weak building and trailer homes destroyed, large trees uprooted, train cars blown off tracks.

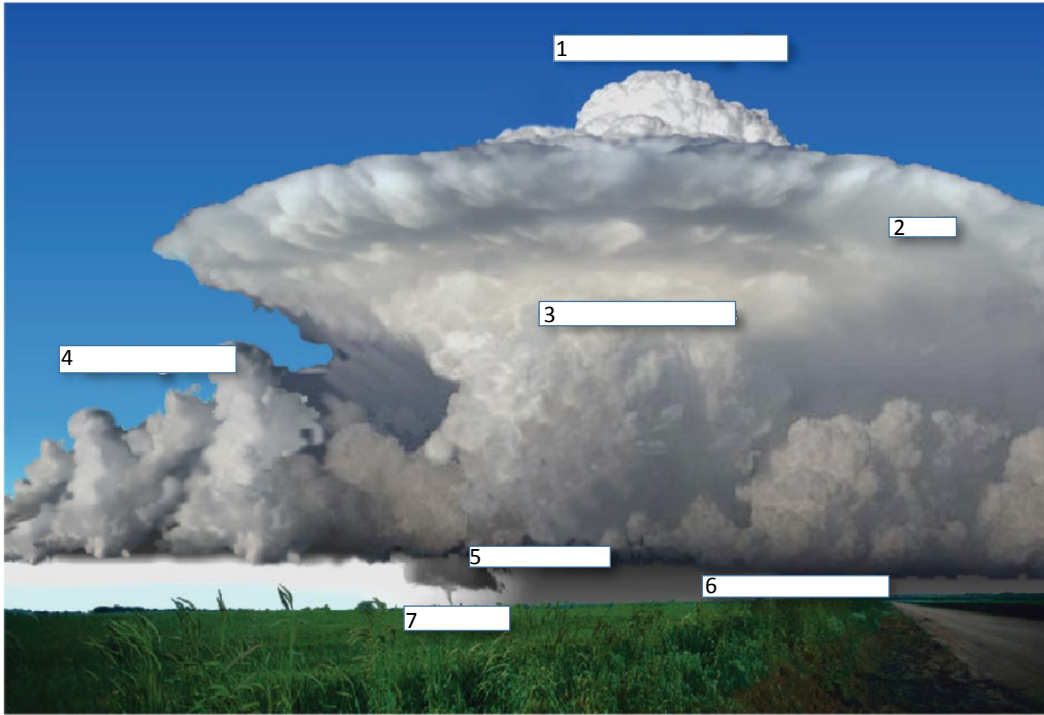
IDENTIFY THE FOLLOWING STORM FEATURES:



20. \_\_\_\_\_



21. \_\_\_\_\_



22. Write the number for the corresponding Thunderstorm Part in the picture above:

- \_\_\_\_\_ Cumulonimbus
- \_\_\_\_\_ Anvil
- \_\_\_\_\_ Wall Cloud
- \_\_\_\_\_ Flanking Line
- \_\_\_\_\_ Overshooting Top
- \_\_\_\_\_ Tornado
- \_\_\_\_\_ Rain and or Hail

23. End of Test