



Derechos - Review Questions

1. Derecho is a Spanish word for
 - a. right
 - b. straight
 - c. left
 - d. back

2. A downburst cluster is made up of
 - a. Several downbursts
 - b. Several microbursts
 - c. Several burst swaths
 - d. A family of microbursts

3. It is common for one house to be nearly destroyed by a derecho while adjacent houses have relatively minor damage.
 - a. True
 - b. False

4. Derechos typically are associated with bands of showers or thunderstorms that assume a _____.
 - a. shape of a circle
 - b. shape of an arrow
 - c. straight line
 - d. shape of a bow

5. The boundary between rain-cooled downdraft air and warm-moist air is called the _____.
 - a. cold front
 - b. warm front
 - c. gust front
 - d. cool front

6. If the bow echo (or series of bow echoes) progresses more than _____ with widespread wind gusts _____ or greater, then the bow echo is classified as a derecho.
 - a. 25 miles / 48 mph
 - b. 250 miles / 58 mph
 - c. 200 miles / 58 mph
 - d. 250 miles / 65 mph

7. _____, _____, and _____ are the three types of derechos.
- Cereal, Progressive, Hybrid
 - Positive, Hybrid, Serial
 - Parallel, Serial, Hyper
 - Serial, Hybrid, Progressive
8. _____ derechos are produced by multiple bow echoes in an extensive line of thunderstorms.
- Progressive
 - Hybrid
 - Serial
 - Sequential
9. The warm season for derechos consists of the months...
- May, June, August, July
 - April, July, June, May
 - June July, August
 - July, June, January, August
10. _____% of all derechos occur during the warm season.
- 60
 - 80
 - 65
 - 70
11. _____ derechos are primarily a _____ season event.
- Progressive, cool
 - Progressive, warm
 - Serial, warm
12. Serial derechos, while not rare in the cool season, are primarily warm season events.
- True
 - False
13. Because of the Rocky Mountains, derechos only occur in the United States.
- True
 - False

14. Derechos tend to occur in _____ meaning that when the first one occurs there is a good chance that more derechos will occur within the following few days.
- packs
 - families
 - clusters
 - summer
15. A derecho warning is issued when winds in excess of 50 mph are expected to occur.
- True
 - False
16. Nearly _____% of the fatalities caused by derechos were to individuals in boat or vehicles.
- 50
 - 45
 - 40
 - 35
17. Derechos can move as speeds up to _____ mph.
- 60
 - 55
 - 65
 - 70
18. The _____ can provide you with several hours of lead time for the threat of severe weather.
- National Weather Center
 - Storm Prediction Center
 - Severe Weather Prediction Center
 - National Severe Storms Laboratory
19. Hybrid derechos have characteristics of both _____ and _____ types.
- serial, parallel
 - progressive, serial
 - positive, cereal
 - serial, positive
20. The #1 weather safety rule is to always check the weather forecast at the beginning of your day.
- True
 - False.