

4. What are the primary requirements for the formation of thunderstorms? What page did you find this answer on?

5. Where would you expect thunderstorms to be most common on earth? In the United States? What page did you find this answer on?

6. During what season and at what time of day is air-mass thunderstorm activity greatest? Why? What page did you find this answer on?

7. Describe how downdrafts in a severe thunderstorm act to maintain updrafts? What is a gust front? What page did you find this answer on?

8. How is thunder produced? What page did you find this answer on?
9. Which is more common, sheet lightning or cloud to ground lightning? What page did you find this answer on?
10. What is heat lightning? What page did you find this answer on?
11. Why do tornadoes have such high wind speeds? What page did you find this answer on?

12. Violet (F4-F5) tornadoes are only about 2 percent of the total. What percentage of tornado fatalities is associated with these strong storms? (see figure 10-25)
What page did you find this answer on?

13. Distinguish between a tornado watch and a tornado warning. What page did you find this answer on?

14. What advantage does Doppler radar have over conventional radar? What page did you find this answer on?