Thunderstorms - Review Questions



- 1. Thunderstorms are most common in the:
 - a. northwest U.S.
 - b. southwest U.S.
 - c. southeast U.S.
 - d. northeast U.S.
- 2. Name the three necessary ingredients for thunderstorm formation.
 - a. Lifting Mechanism, Fronts, Moisture
 - b. Moisture, Lifting Mechanism, Instability
 - c. Lifting Mechanism, Mountains, Oceans
 - d. Stability, Moisture, Heat
- 3. An air mass is unstable when cool dry air is near the surface and warm moist air is aloft. (TRUE, FALSE)
- 4. Where is terrain most likely to be a source of lift for thunderstorm development?
 - a. Great Plains
 - b. Corn belt
 - c. Rocky Mountains
 - d. Coastal plain
- 5. The first stage of a thunderstorm is the...
 - a. Cumulus stage
 - b. Mature stage
 - c. Dissipating stage
- 6. The most likely stage for large hail and damaging winds is the...
 - a. Cumulus stage
 - b. Mature stage
 - c. Dissipating stage
- 7. The type of thunderstorm that produces nearly all of the significant tornados is the...
 - a. Cluster storm
 - b. Squall line
 - c. Single cell
 - d. Supercell

8.	The clouds in this image (at right) are most representative of what stage in the life of a thunderstorm? a. Mature stage b. Dissipating stage c. Growth stage d. Towering Cumulus stage 	16h
9.	Define wind shear.	

11. The #1 killer among thunderstorm hazards is...

10. A SEVERE Thunderstorm is one that produces:

b. Wind gusts to 30 mph and pea size hail

a. Lightning

a. Lightning

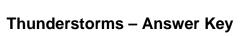
c. Tornadosd. Flash floods

- b. Tornados
- c. Large hail
- d. Flash flooding
- 12. The #2 killer among thunderstorm hazards is...
 - a. Lightning
 - b. Tornados
 - c. Large hail
 - d. Flash flooding
- 13. The most destructive weather element is...
 - a. Lightning
 - b. Tornados
 - c. Large hail
 - d. Flash flooding
- 14. Most flash flood deaths occur in homes (TRUE, FALSE)
- 15. A highway overpass is a good place to take shelter from a tornado (TRUE, FALSE)

		hallway
	d.	ditch or ravine
17. N	∕lost to	ornados are spawned by a special kind of thunderstorm called a
18. <i>P</i>		how many tornados strike the U.S. each year?
		100 500
		1,000
		5,000
	٠	

16. Where is the safest place to be in a tornado?

a. basement





- 1. c
- 2. b
- 3. False
- 4. c
- 5. a
- 6. b
- 7. d
- 8. d
- 9. Wind shear is the change in wind speed and/or direction with height
- 10. c
- 11. d
- 12. a
- 13. b
- 14. False
- 15. False
- 16. a
- 17. Supercell
- 18. c