

Unit 6 Review: Meteorology pt. 1

1. What is weather? What is climate?
2. What are the layers of the atmosphere? Describe each. What is the tropopause?
3. What is ozone? What does the ozone layer do?
4. What is heat and temperature?
5. What are the three methods of heat transfer? If heat is transferred what happens to the original temperature?
6. What two factors affect the temperature of an area?
7. Why are coastal areas more stable climates?
8. What are isotherms?
9. Name the 5 main pollutants.
10. Give examples of mobile and stationary sources of pollution.
11. What are solutions to cleaning air pollution.
12. Which pollutant is responsible for ozone hole?
13. What is humidity? Relative humidity?
14. What is dew point?
15. How does temperature affect relative humidity?
16. What does saturated mean?
17. What are 4 ways that air can be forced upward?
18. What are clouds? What is needed to make a cloud?
19. What are rain clouds called? Thunder clouds?
20. How does precipitation form?
21. What is cloud seeding?
22. What is air pressure? What measures air pressure?
23. What are isobars? Isotherms?
24. What generates wind? What affects wind speed?
25. Describe the Coriolis Effect.
26. What are trade winds? Westerlies? Polar Easterlies?
27. What do close isobars mean?

Meteorology Part. 2

1. What is wind?
2. What is an air mass?
3. What are the two main characteristics of air masses?
4. What is a front? What are the four types?
5. What is a warm front? How is it shown on a map?
6. What is a cold front? How is it shown on a map?
7. What is a stationary front? How is it shown?
8. What is an occluded front? How is it shown?
9. What is a thunderstorm?
10. What is the difference btw a cold front and warm front thunderstorm?
11. What is lightning? What is thunder?
12. What is a tornado?
13. Where are most us tornadoes found? How are they measured?
14. What is a hurricane? Typhoon? Cyclone?
15. What are the stages for a hurricane?
16. What creates the most damage during a hurricane?
17. What is the saffir-simpson scale?
18. How are hurricanes named?
19. What is a station model?
20. What are the main weather instruments?
21. What are the normal wind and ocean surface currents of the pacific equatorial region?
22. What is El Nino?
23. What is La Nina?
24. What are the global consequences to El Nino?
25. What are the consequences of La Nina?