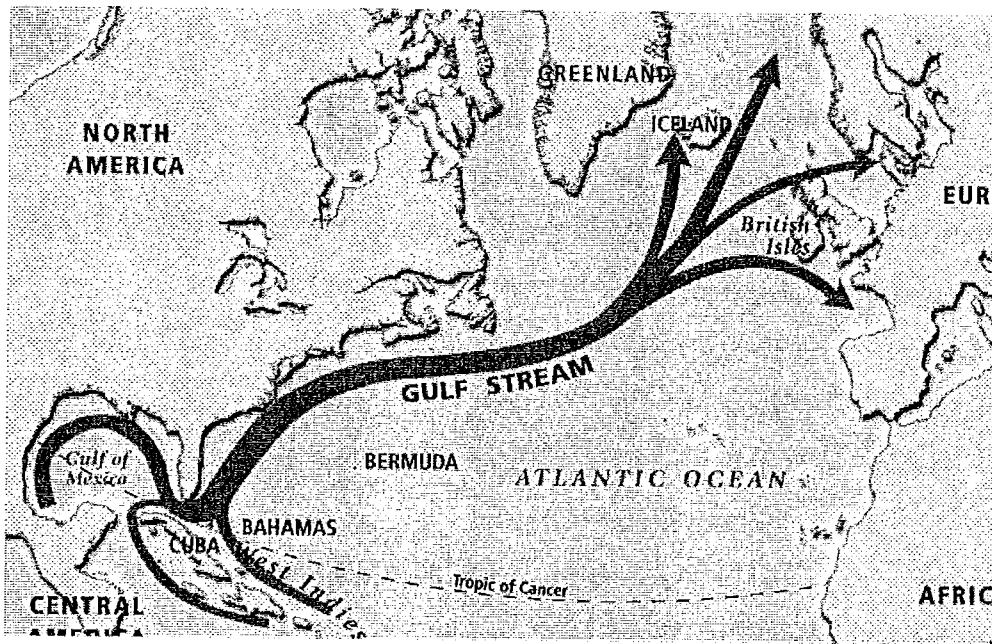
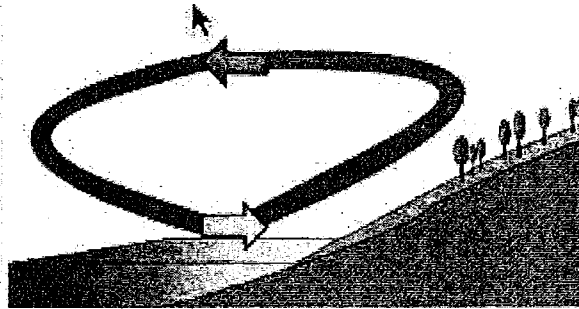


1. _____ What is blocked from our vision during a lunar eclipse.
 2. _____ What type of eclipse can hurt your eyes.
 3. _____ T or F The phases of the moon are caused by the moon being in earths shadow.
 4. _____ Which of the following cause the seasons on earth?
 - A. Earth distance from the sun
 - B. Earth rotating on its axis.
 - C. Earths tilt on its axis as it goes around the sun.
 - D. The phase that the moon is in.
 5. _____ Based on the wind belt we live in which of the following wind directions should we not have very often in Ohio.
 - A. Northwest
 - B. West
 - C. East
 - D. Southwest
-
6. _____ On December 21st Earth is closest to the sun. Which of the statements below does this fact support.
 - A. Earths seasons are caused by earths distance from the sun.
 - B. The sun burns cooler in December than in June.
 - C. Something other than the earths distance fom the sun must cause the seasons.
 - D. The sun changes distances from the earth as the sun orbits the earth.
 7. _____ Both the hurricane and tornado season are predictable because they get their energy from what predictable source.
 - A. Moon
 - B. Tides
 - C. Gravity
 - D. Sun
 8. _____ Which of the following is caused by the moon.
 - A. Tides
 - B. Wind Belts
 - C. Gulf Stream
 - D. Earths Seasons
 9. _____ T or F Poisonous ozone is made of oxygen.

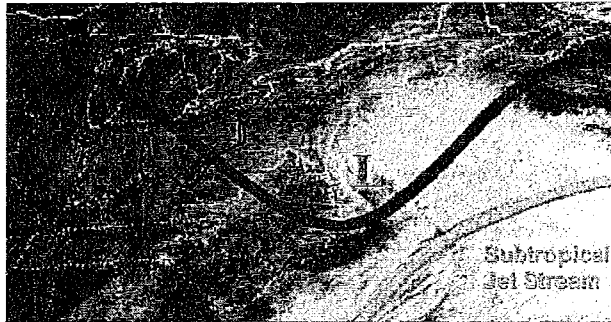


10. _____ Above is an image of the gulf stream. Which statement below is true about the Gulf Stream.
- A. The Gulf stream gets its energy from the sun and makes Britain warmer in the winter than New York.
 - B. The gulf stream gets its energy from the moon and makes Florida cooler in the winter than Britain.
 - C. The Gulf stream gets its energy from the sun and makes Africa colder in the winter than Florida.
 - D. The gulf stream gets it energy from the sun and it has no effect on anythings temperature.
11. _____ T or F The jetstream is the wind belt we live in.
12. _____ Living near which of the following causes us to have Lake Effect snow in northern Ohio.
- A. Ohio River
 - B. Lake Erie
 - C. Canada
 - D. Appalacian Mountains
13. _____ What geographical feature in the western US causes us to have a lot of rain near the west coast and desert to the east of this area a few hundred miles.
- A. Jet Streams
 - B. Pacific Ocean
 - C. Gulf of Mexico
 - D. Mounatins

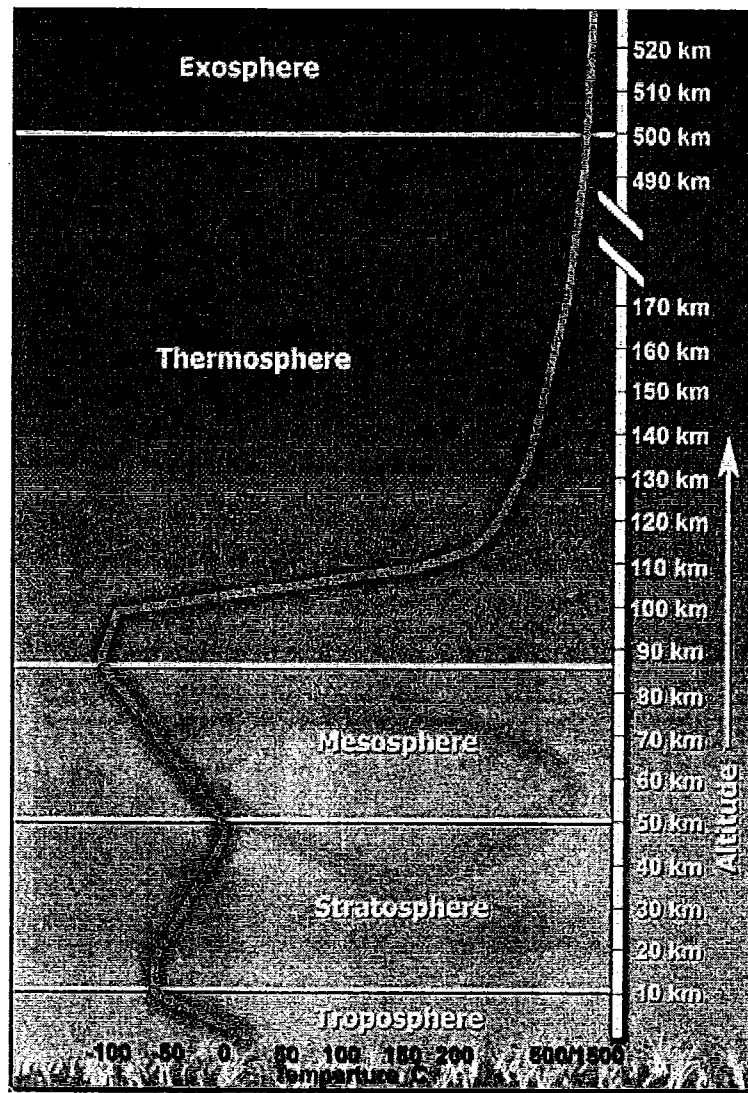
14. _____ What climate belt is the coolest due to its weak sunlight.
15. _____ What climate belt is the hottest due to its hot direct sunlight.
16. _____ What climate belt has medium temps and 4 seasons due to its latitude.
17. _____ If I say today will be a high of 51 degrees, mostly sunny, with a SW wind would that be a description of climate or weather.
18. _____ Burning which fossil fuel makes the most SO₂ and therefore the most acid rain.
19. _____ T or F Space is a vacuum. This means there is no gravity there.
20. _____ T or F The limestone on the bottom of Lake Erie will keep it from being damaged by acid rain.



21. _____ Which of the following type or breeze or wind is shown in the diagram above.
 A. Jet stream B. Land breeze C. Prevailing Westerlies D. Sea Breeze
22. _____ T or F The holes in the ozone layer are caused by burning fossil fuels.
23. _____, _____, _____, _____, _____ Name the 5 layers of the atmosphere in order starting at the earth's surface and going up.



24. _____ The map above shows the 2 jet streams over North America. With the position of the jet streams do you think NE Ohio would be having average weather, colder than average, or warmer than average weather.



25. _____ Above is a graph that shows the changing temperature of all 5 layers of Earth's atmosphere. Based on the graph above which of the statements below is true.
- A. All 5 layers of the atmosphere get hotter as you go higher in that layer.
 - B. All 5 layers of the atmosphere get cooler as you go higher in that layer.
 - C. 3 layers get hotter as you go higher, 2 layers get cooler as you go higher. layer.
 - D. 2 layers get hotter as you go higher, 3 layers get cooler as you go higher. layer.