

Earth Science Questions part 2 (pp. 87-94)

1. What is the water cycle?
2. The _____ provides the energy that drives the water cycle and moves water from place to place.
3. When the Sun shines on an ocean, water near the surface absorbs energy and becomes _____.
4. What is evaporation?
5. What is transpiration?
6. When animals breathe, they release _____ and _____ from their lungs into the atmosphere.
7. As water vapor rises through the troposphere, it becomes _____.
8. What is condensation?
9. When millions of water droplets come together, what happens?
10. What is precipitation?
11. What percentage of precipitation falls in the ocean?
12. T/F The atmosphere is continually changing.
13. What is weather?
14. Air temperature is a measure of the average amount of _____ produced by the motion of air molecules.
15. What is air pressure?

16. What is wind?

17. What is humidity?

18. High humidity makes it likely that what will happen?

19. Weather is influenced by conditions in _____
_____.

20. T/F An air mass that forms over a cool ocean will bring warm, moist air.

21. Warm tropical waters provide the _____ that produces hurricanes.

22. What is climate?

23. T/F The climate near the top of a mountain often is cooler than the climate near the mountain's base.

24. Surface currents are like _____ in an ocean.

25. The Gulf Stream carries warm waters from tropical regions to _____ making the climate of Northern Europe _____ than it would be without these warm water currents.

26. What is the rock cycle?

27. Like the water cycle, the rock cycle has no _____ or _____.

28. When magma flows out onto Earth's surface, it is called _____.

29. What is uplift?

30. Uplift is often associated with _____.