

Review Sheet for Weather Test Ms. Birtch

1. Describe the winds in a high-pressure system.
2. Describe the winds in a low-pressure system.
3. In a sea breeze, how do the winds blow? Where is the high pressure located?
4. Know your weather instruments (nb pg9)
5. Describe how earth's surface winds blow.
6. How do you know where wind speed is the greatest when looking at isobars?
7. What happens to the barometric pressure if cool, dry air is moving in?
8. Under what conditions is air pressure generally the lowest?
9. Draw winds around a high pressure and low pressure system:

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10. What 2 ways does water vapor enter the atmosphere?
11. Explain how clouds form.
12. What affect does air temperature have on air pressure and density?
13. What is the relationship between air temperature and moisture holding capacity of air?

14. List the forms of precipitation.
15. What is another way to say the atmosphere has a relative humidity of 100%?
16. Evaporation is a _____ effect because energy is gained by water from the environment.
17. Know how to find DP, RH, WBD, and the wet bulb temperature using the ESRT (5 questions).
18. Explain the factors (4) that affect the rate of evaporation.
19. What happens when the difference between air temperature and dew point temperature decreases (the values get closer together)?
20. What is needed for condensation to occur to make clouds?
21. Know how to convert between mb and " Hg (2 Qu).