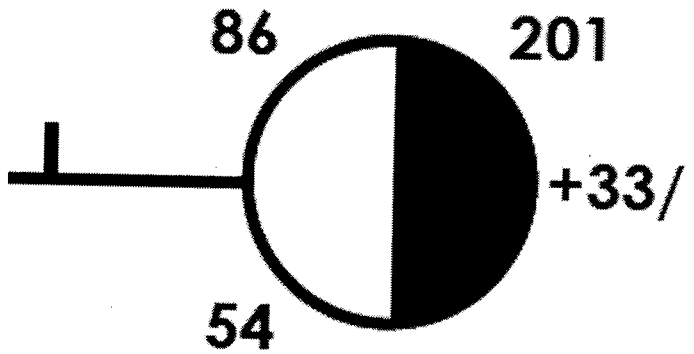


Name: _____ Date: _____ Period: _____

INSTRUCTIONS:

Use the station model on the right and your knowledge of earth science to answer the following questions. Please use your ESRTs when necessary.



- 1.) What is the temperature? _____
- 2.) What is the dewpoint? _____
- 3.) What is the air pressure? _____
- 4.) What was the pressure 3 hours ago? _____
- 5.) What is the cloud cover? _____
- 6.) What would you name the wind? _____
- 7.) What is the wind speed? _____
- 8.) What is the relative humidity? _____
- 9.) What instrument would be used to measure wind speed? _____
- 10.) What instrument would be used to measure the dewpoint? _____
- 11.) Which type of air mass brings warm, moist air north from the Gulf of Mexico? _____
- 12.) Where do cP air masses that affect the US come from? _____
- 13.) The jet stream blows from _____ to _____ across the US?
- 14.) If the wet bulb depression is 3° and the dewpoint is 24°, what's the relative humidity?

- 15.) If the air temperature is 11°C and the wet bulb is 8°C, what is the dewpoint? _____