

16. What type of weather is typically forecast using now-casting techniques?
17. Which upper-level map is most effective for observing the polar jet stream in winter?
18. During winter, if the jet stream is considerably south of your location, will the temperatures likely be warmer or colder than normal?
19. What is a jet streak?
20. What are two pieces of information that forecasters can gain from 850-mb maps?

21. What elements are predicted in a long-range (monthly) weather chart?
22. Give an example of why the percent of correct forecasts is not always a good measure of forecasting skill.
23. How do satellites help identify clouds that are most likely to produce precipitation?
24. What information is provided by water-vapor images?
25. What advantages do geostationary satellites have over polar satellites? Name one disadvantage.

26. Define the following terms by using your book and/or the web site at www.rsffa.com, go to Meteorology link and play the hangman game

- a. Analog method –
- b. Climatological forecasting –
- c. Automated surface observing system –
- d. Ensemble forecasting –
- e. Geostationary satellite –
- f. isotachs –
- g. jet streaks --
- h. model output statistics –
- i. national weather service –
- j. nowcasting –
- k. numerical weather prediction –
- l. persistence forecasts –
- m. polar satellite–
- n. prongs –
- o. synoptic weather map –
- p. trend forecasting –
- q. weather analysis –
- r. weather forecast –
- s. wind profilers –
- t. climatic data --