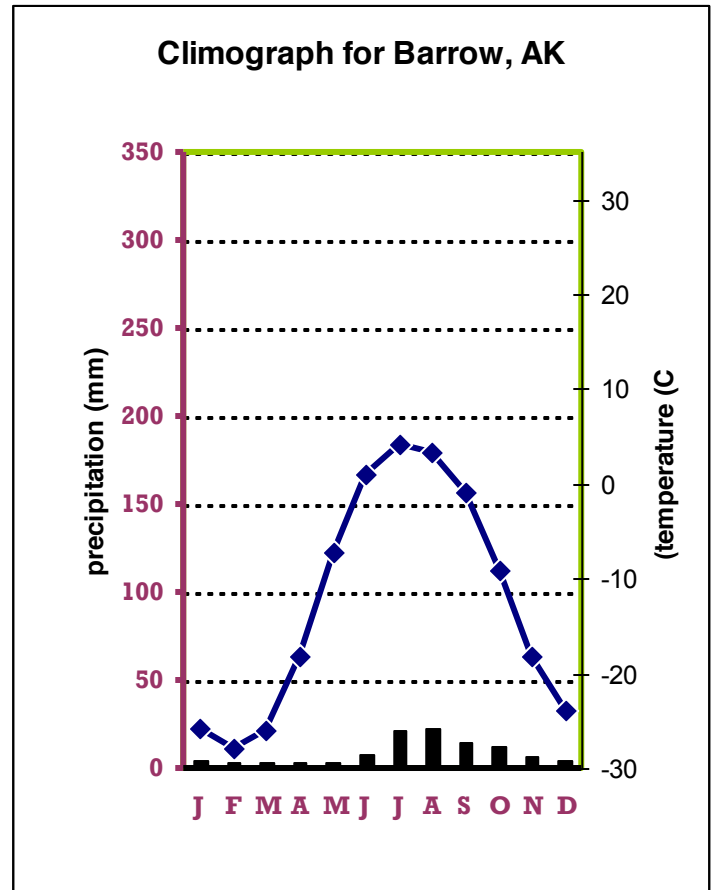
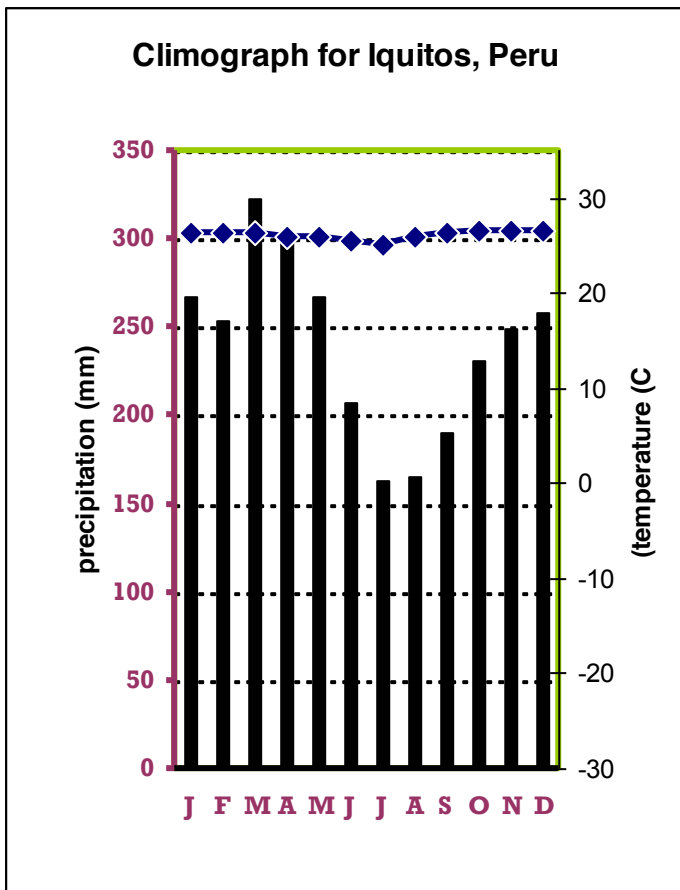


Analyzing Climatograms

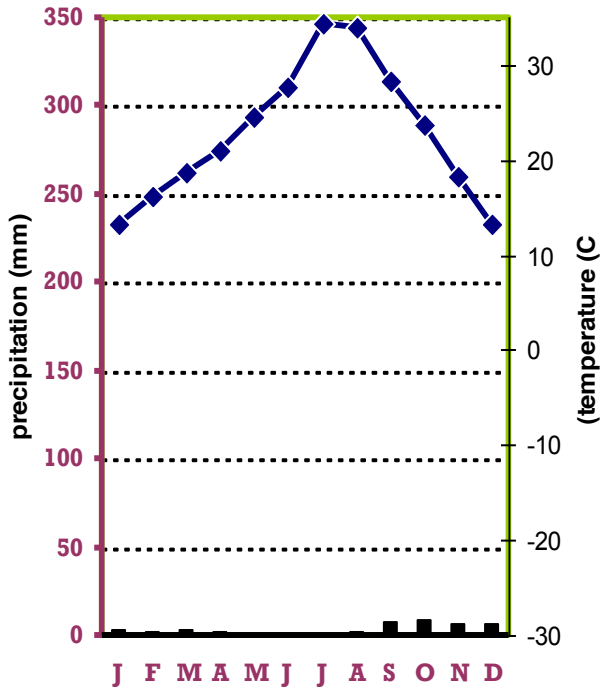
Name: _____

Background: It is often helpful to plot two different types of data on the same graph. For example, a climatogram is a single graph that charts both the average temperature and precipitation for a given locale throughout the course of the year, using separate axes for each variable. As shown in the climatograms, the *line graph represents temperature, while the bar chart represents precipitation*. The horizontal axis represents the months of the year. The climatogram reveals both monthly precipitation/temperature and seasonal variations in precipitation/temperature.

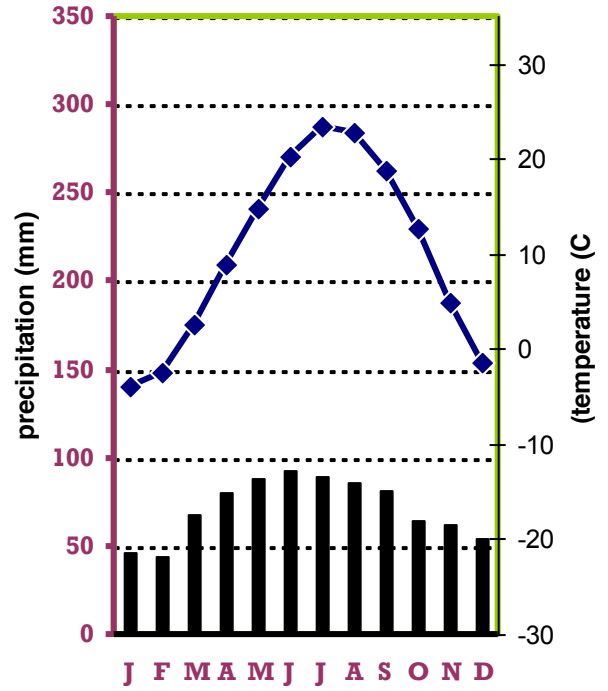
Analyze and interpret the following climatograms below and answer the following questions:



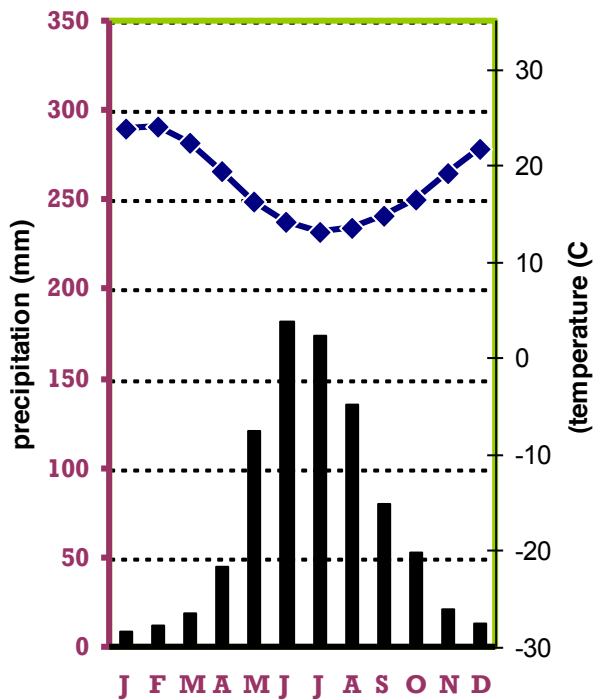
Climograph for Tindouf, Algeria



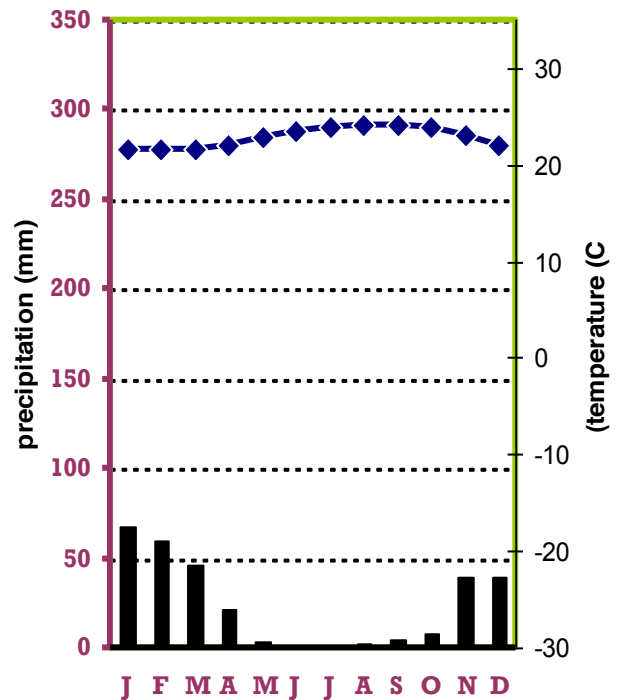
Climograph for Chicago, Illinois



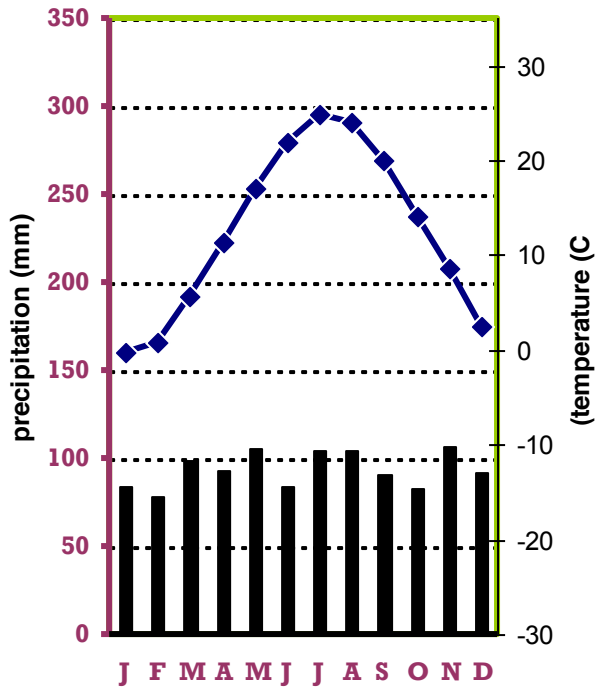
Climograph for Perth, Australia



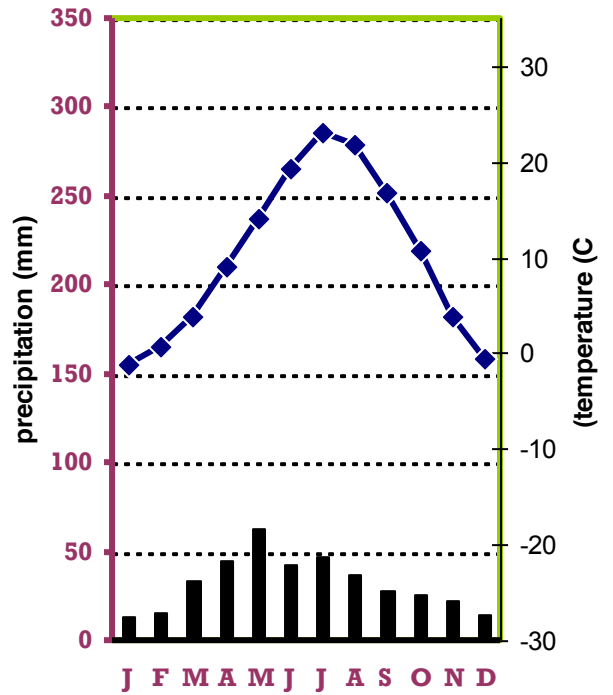
Climograph for Los Angeles, CA



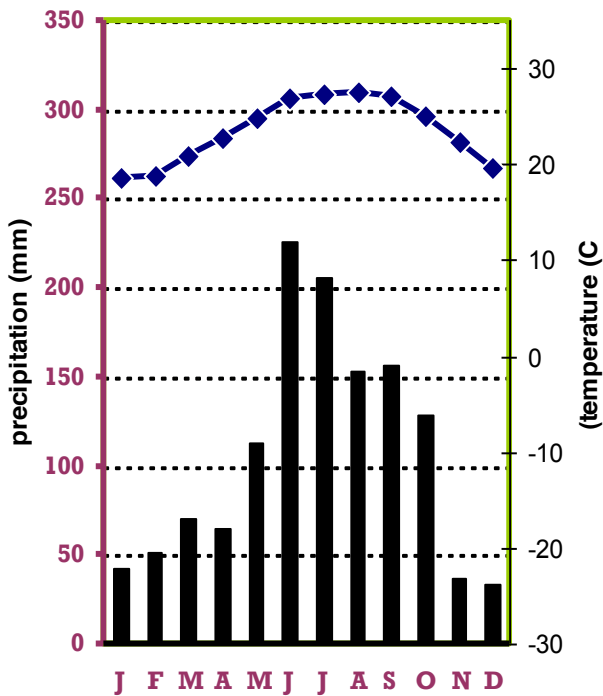
Climograph for New York, NY



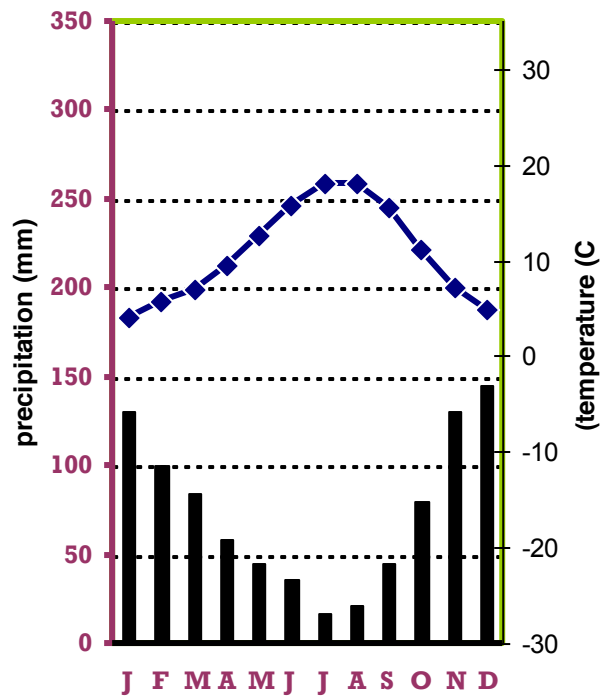
Climograph for Denver, CO

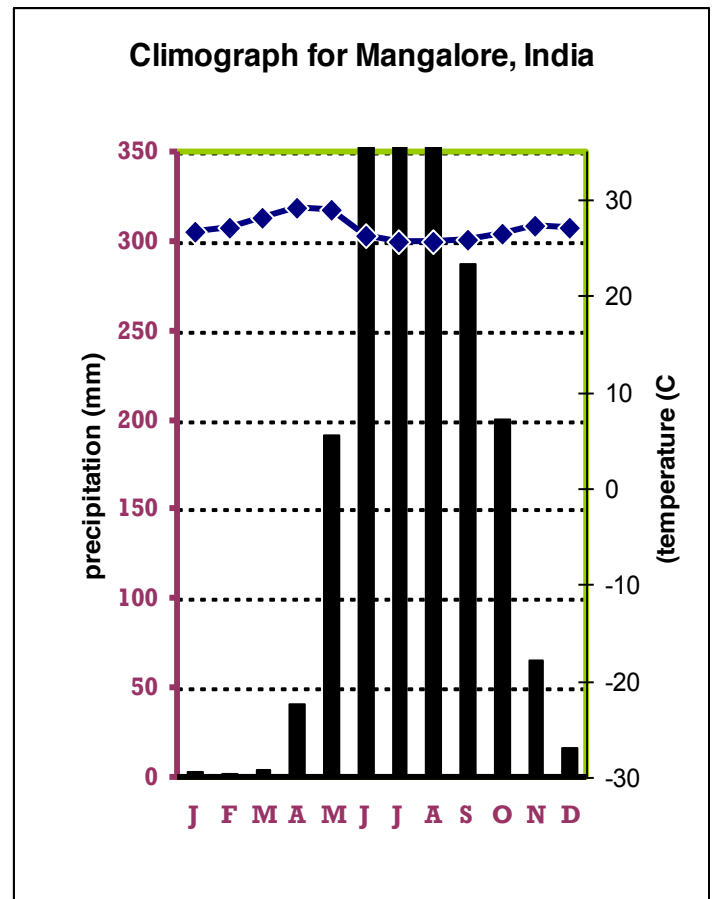
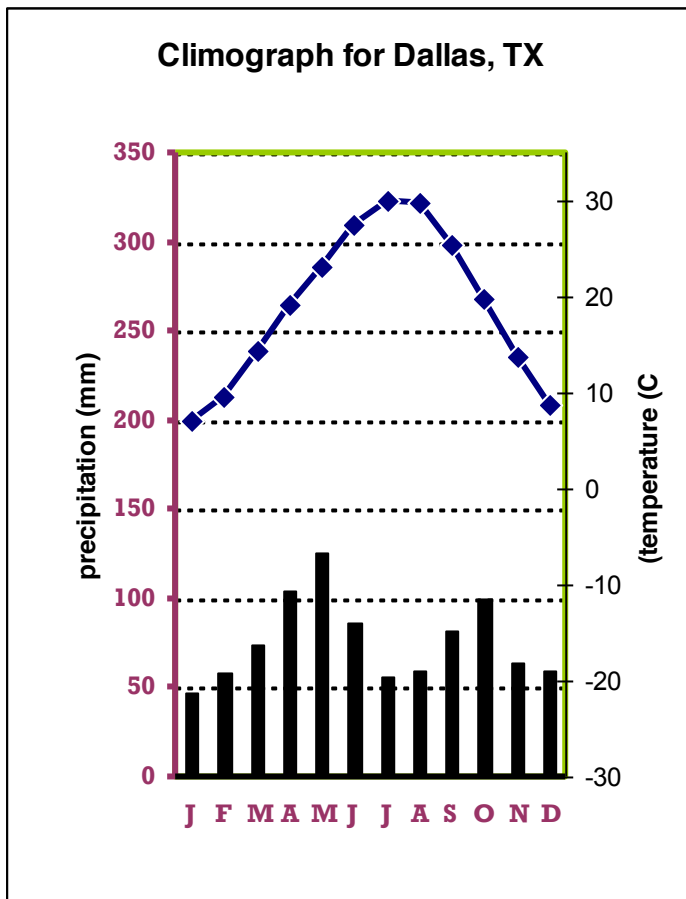


Climograph for Miami, FL



Climograph for Seattle, WA





1. Which city has the most constant climate? Explain.
2. Which city has what most people would consider the most comfortable climate?
3. Chicago and New York have approximately the same climatograms, except that Chicago's winter is colder. Why might this be?
4. Which of these cities is located in a hot desert?
5. Which city is in the Southern Hemisphere?
6. Which of these cities is located in the tropical rainforest?
7. Which **two** cities have a Mediterranean climate, characterized by mild winters and warm, dry summers?
8. Which city would experience monsoon type rains (heavy, summer rains)?
9. Which city has the coldest, driest summers?
10. Which of the following cities has the most annual rainfall, Chicago, New York, Dallas or Miami?
11. Which of the following has more summer rainfall, Denver, Los Angeles, or Seattle?
12. Which city has a climate most similar to Chicago?
13. Which cities would be best suited for outdoor ice skating rinks, Chicago, New York, Dallas or Miami?
14. Which has more winter rainfall, Mangalore, India or Seattle, Washington?
15. Which city has two "wet" seasons?