Name:
Class:
Date:

Activity 14.4A: Weather Report

Instructions

Your teacher will divide the class into small groups of 3–4 people, and each group will select a city (other than their own) and determine how they will present their forecast. Answer the following questions to compile the information needed to create a fictional five-day weather forecast for a chosen city.

Section One: Background Information

To create your forecast, you will need to identify certain aspects of the city's location, including the terrain (city proper and surroundings), proximity to larger bodies of water, latitude and longitude, and the altitude. Refer to the Factors that Influence Climate *section in Lesson 14.4 of your textbook.*

1. City and country
   Answer

2. Latitude and longitude
   Answer:

3. How does the latitudinal and longitudinal location of your city affect its climate?
   Answer:

4. What is the altitude of your country?
   Answer:

5. How does the altitude affect your city's climate?
   Answer:

6. What type of terrain does your city have, and what type of terrain surrounds your city?
   Answer:

7. How does the terrain affect your city's climate?
   Answer:

8. Are there any major bodies of water near or bordering your city?
   Answer:

9. If so, how does the proximity of these bodies of water affect your city's climate?
   Answer:

10. Are there other significant factors that influence the local climate (i.e., hot springs, excessive wind, etc.)?
    Answer:

Section Two: Forecast Information

Using the information you gathered, create your fictional five-day forecast.

1. What are the predicted average high and low temperatures for today in this location?

A. High
   Answer:

B. Low
   Answer:

2. What is the weather forecast for the next five days? (Replace the numbers with the appropriate days of the week.)

A. Day one
   Answer:

B. Day two
   Answer:

C. Day three
Answer:

D. Day four
Answer:

E. Day five
Answer:

3. Explain how warm air and cold air fronts could influence the upcoming weather.
Answer:

4. Will there be any precipitation? If so, how much and when?
Answer: