

Name: _____

Weather Graphing Analysis Project

1. Logon to www.wunderground.com or another weather almanac site of your choice.
2. Select your city that was assigned to you and compare data to Portland.
3. Choose the same ten consecutive days for attain data from.

Graphing Directions

1. Obtain 2 pieces of graph paper. Title each one accordingly.
 - a. Low temperatures
 - b. High temperatures (use the back side of low temp)
 - c. Data of your choice (precipitation, humidity, winds, % of moon)
 - d. Second data of your choice (precipitation humidity, winds, % of moon) (use the back side)
2. On your key: Use two colors - one for each location. (be careful not to use markers that will bleed through the paper) Key colors should be the same for each graph.
3. Label the dates for both cities along the long side of the paper. Leave 3 boxes between each date.
4. Label the type of data you are graphing and units used along the left side of the paper.
5. Use a line graph to show data.
6. Answer questions below.
7. Staple your graphs to this paper. Turn in.

Data Analysis Questions:

1. Which one of your cities had the lower average temperature? What was the average?
2. Which city had the higher average temperature? What was the average?
3. Which of your cities had the most rainfall overall? _____ How much? _____
4. Which of your cities had the highest average humidity? _____ How high? _____
5. Which of your cities had the highest winds? _____ How fast? _____
6. What is the highest high and date from your city? _____ Lowest low? _____
7. What is the highest high and date from Portland? _____ Lowest low? _____
8. What kind of factors might influence the climate in your area? What characteristics about your city might cause the weather they experience? (think mountains, latitude, coastlines, plains, deserts)
9. From your classmates, find the city with the highest/lowest temp and date.
 - a. Overall Low - _____ Date: _____
 - b. Overall High- _____ Date: _____
10. What factors caused the climates in those cities?