

Name: _____ Date: _____

Knowledge Builder

Activity: Charting Weather Data

Directions: Use the information provided in the weather boxes on the map on page 48 to answer the following questions.

1. What is the temperature in Des Moines, Iowa? _____
2. What is the wind speed in Atlanta, Georgia? _____
3. What type of a weather warning is likely being issued in Miami, Florida? _____

4. What is the wind direction in Oklahoma City, Oklahoma? _____
5. What is the barometric pressure in Columbus, Ohio? _____
6. Is the barometric pressure rising, falling, or remaining steady in Kansas City, Missouri? How do you know? _____

7. What is the percentage of cloud cover in Memphis, Tennessee? _____
8. What type of precipitation is occurring in St. Louis, Missouri? _____
9. From your understanding of barometric pressure, identify and label an area of stormy weather with very low pressure on the map.
10. Based on your understanding of the weather conditions in Miami, Florida, what type of weather is likely to occur in Tampa in several hours? Explain your reasoning. _____

11. Plot the data (from the chart below) on the map for the cities that are missing weather boxes. This time, you will need to create the weather boxes.

	City	Cloud Cover	Temperature	Barometric Pressure	Type of Weather	Wind Speed/ Directions
a.	San Antonio, TX	Clear	80	30.0 ↑	Sunny	5 mph SW
b.	Denver, Co	100%	45	29.1 ↓	Snow	15 mph W
c.	Milwaukee, WI	50%	35	30.1 steady		11 mph NW
d.	Tampa, FL	75%	83	29.7 ↓	Thunderstorm	20 mph SE

Name: _____ Date: _____

Weather Map

