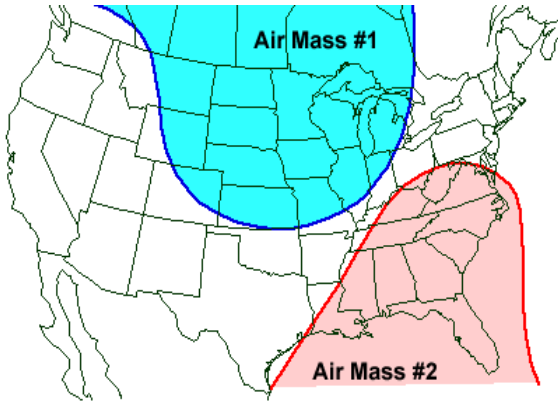


Name: \_\_\_\_\_ Period: \_\_\_\_\_

# CH 20.1: AIR MASS ACTIVITY

## Characteristics of Air Masses:

The diagram below depicts two types of air masses that commonly influence weather in the United States. For each air mass, identify the following characteristics.



	Air Mass #1	Air Mass #2
Name of Air Mass:		
Source Region:		
Relative Temperature:		
Wind Direction:		
Moisture Content:		

## What are air masses?

### Lesson Review

**PART A** Write *true* if the statement is true. If the statement is false, change the underlined term to make the statement true.

- \_\_\_\_\_ 1. An air mass forms when air stays over an area for a while or moves slowly over an area.
- \_\_\_\_\_ 2. Air masses that form over land are moist.
- \_\_\_\_\_ 3. Air masses that form over tropical regions are warm.
- \_\_\_\_\_ 4. Polar air masses form over warm regions.
- \_\_\_\_\_ 5. A warm air mass that forms over the Caribbean Sea is a maritime tropical air mass.
- \_\_\_\_\_ 6. Air masses that form over dry land are tropical air masses.

**Classifying:** complete the table below.

CLASSIFICATION OF AIR MASSES				
Air Mass	Formed over land or water?	Formed in cold region or warm region?	Warm or cold?	Dry or moist?
1. Continental polar				
2. Maritime polar				
3. Maritime tropical				
4. Continental tropical				

## FIND THE AIR MASSES:

Directions for both maps:

1. Color each weather station warm or cold.
2. Draw a line that separates the cP air mass from the mT air mass.
3. Label both air masses

