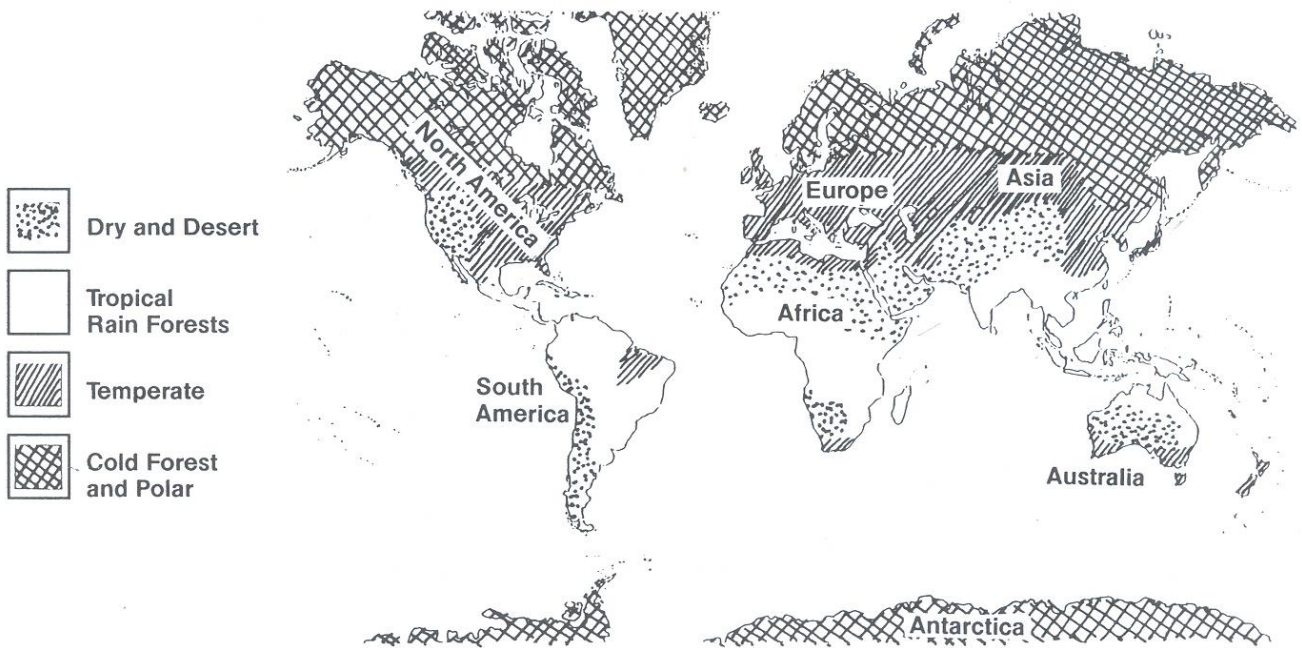


# Weather Makes a Climate

Weather is the state of the air at a certain time and at a certain place. Conditions may be clear, cloudy, fair, rainy, humid, cold, windy, etc. The type of weather that exists from day to day depends on what kind of air masses are moving above.

Different places in the world have different kinds of weather for extended time periods. These differences make weather zones called climates. Climates vary according to their latitudes and altitudes and also are affected by the same factors as weather, but may be thought of as localized. For the most part climate zones circle the earth in belts. Use the following map to answer the questions below.



1. What climate zones circle the northern and southern portions of the world? \_\_\_\_\_
2. In what type of climate do you live? \_\_\_\_\_ Circle all the climates in the world that are the same as yours.
3. How many climates does Australia have? \_\_\_\_\_ What are they? \_\_\_\_\_
4. Which continents have deserts? \_\_\_\_\_
5. Draw the equator on your map. What climate(s) appear along the equator? \_\_\_\_\_
6. Which continent has only one climate? \_\_\_\_\_
7. What will the amount of sunlight and rainfall determine in different climates? \_\_\_\_\_

Underline the following words if they are weather words. Circle them if they are climate words.

- |                       |                      |                   |                   |
|-----------------------|----------------------|-------------------|-------------------|
| <b>temperate zone</b> | <b>polar regions</b> | <b>hurricanes</b> | <b>air masses</b> |
| <b>rain forests</b>   | <b>precipitation</b> | <b>deserts</b>    | <b>cold front</b> |
| <b>cold forests</b>   | <b>jungles</b>       | <b>drought</b>    | <b>monsoon</b>    |