

Climate Systems - Which Location Is Best For Me?

Student Worksheet #1: Climate

Name:

You will need the following materials for this exercise: United States Map of Cities & States (you might find this in your Social Studies book), Internet access or copies of the NOAA maps from your teacher.

Part 1: Did you know that the climates of the world are divided into six major categories? Do you know what the categories are and where they are located? Go to this NOAA (National Oceanic and Atmospheric Agency) site <http://www.srh.noaa.gov/jetstream/global/climate.htm> to complete the chart below: (the first one has been done for you)

CATEGORY & NAME	LATITUDE	CLIMATE FEATURE
A: Tropical	15°-25°	Average temperatures=64°F Annual precipitation=59"
B:		
C:		
D:		
E:		
H:		

Use the climate map on this webpage to find the state you live in and record the climate category:

MY STATE: _____

MY CLIMATE CATEGORY: _____

Find three states that have different climates and record below:

STATE: _____ CLIMATE CATEGORY: _____

STATE: _____ CLIMATE CATEGORY: _____

STATE: _____ CLIMATE CATEGORY: _____

Part 2:

1. Go to: <http://www.ncdc.noaa.gov/img/about/cdrom/climatls1/info/temp.gif> to find the Annual Mean Daily Temperature for the cities in the chart below. Record the Annual Mean Daily Temperatures on the data chart.
2. Next, Go to: <http://www.ncdc.noaa.gov/img/about/cdrom/climatls1/info/prec.gif> to find the Annual Mean Total Precipitation for the cities. Record the Annual Mean Total Precipitation on the data chart.
3. When you have recorded the temperature and precipitation for each city, think about which city you would like to visit and rate each city according to your preference.

City	Annual Mean Daily Temperature	Annual Mean Total Precipitation	Rating : #1 Choice, #2 Choice, #3 Choice, #4 Choice
Your City, State:			
Galveston, Texas			
Burlington, Vermont			
San Francisco, California			
Miami, Florida			