



Activity 10: Various Climates of the World

How does climate differ around the world?

Materials

- **Weather Base: World Climate Information**

<http://www.weatherbase.com/>

- **Climate Map of the World**

https://en.wikipedia.org/wiki/File:ClimateMap_World.png

- **Interactive Climate Map**

<http://mapmaker.nationalgeographic.org/5xEPUm1sPLjv48zJDmGB/>

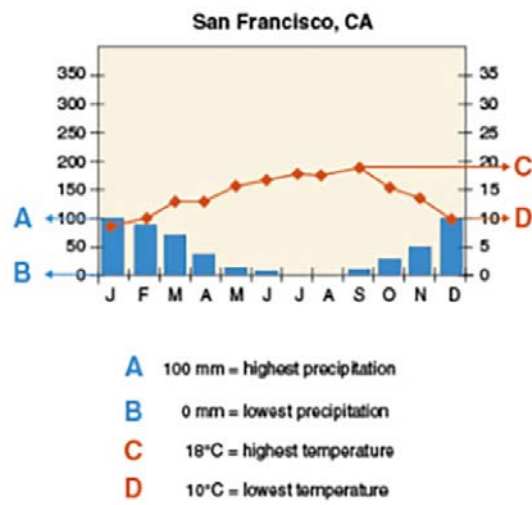
- **Alberta Climate Map**

<https://agriculture.alberta.ca/acis/climate-maps.jsp>

Instructions

1. Visit the web image **Climate Map of the World**. Study the map carefully, noting what parts of the world are tropical, dry, moderate, continental, and polar.
2. Visit the webpage **Interactive Climate Map** and **Alberta Climate Map**.
3. Visit the web page: **Weather Base** and search each place name provided to find much of the information in the *Climate Data Chart*.
4. Use the *Climate Data Chart* to record the maximum and minimum precipitation and temperature data for each location. An example has been done for you for San Francisco, CA. Note: Data has been given for you in the San Francisco Data Example.
5. After you have recorded the weather data for all the locations on the Chart, study the precipitation and temperature numbers carefully. Decide on a climate zone for each location, and write it in the last column. Remember that the choices for climate zones are Tropical, Dry, Moderate, Continental, and Polar. For example, by looking at the numbers for San Francisco, you can see that the location receives considerable precipitation and the temperatures are warm. Therefore, the best choice for climate zone for San Francisco is Moderate.

San Francisco Data Example



Climate Data Chart

Location	Highest Precipitation (mm)	Lowest Precipitation (mm)	Highest Temp. (°C)	Lowest Temp. (°C)	Climate Zone?
San Francisco, CA, USA	100	0	18	10	Moderate
Nearest City to your location in Alberta					
San Jose, Costa Rica					
Sydney, Australia					
Seoul, South Korea					
Kuala Lumpur, Malaysia					
Beijing, China					
Paris, France					
Antartica					
Phoenix, AZ, USA					
Cairo, Egypt					
Istanbul, Turkey					