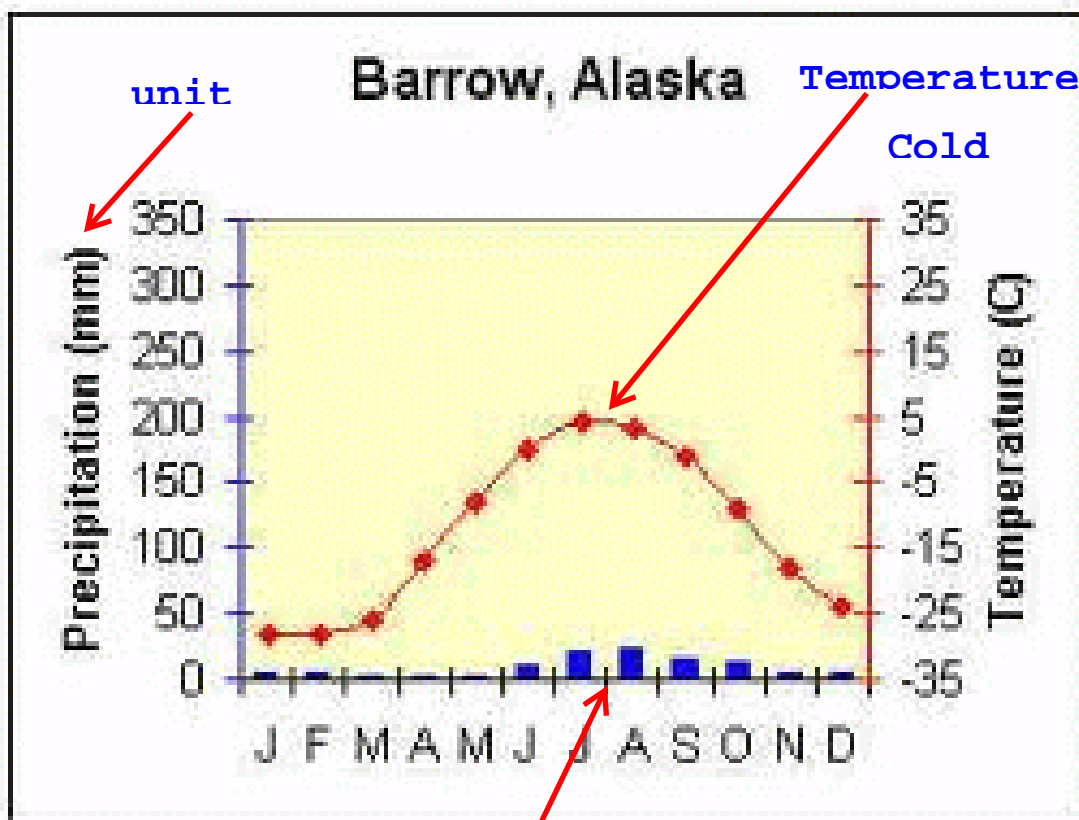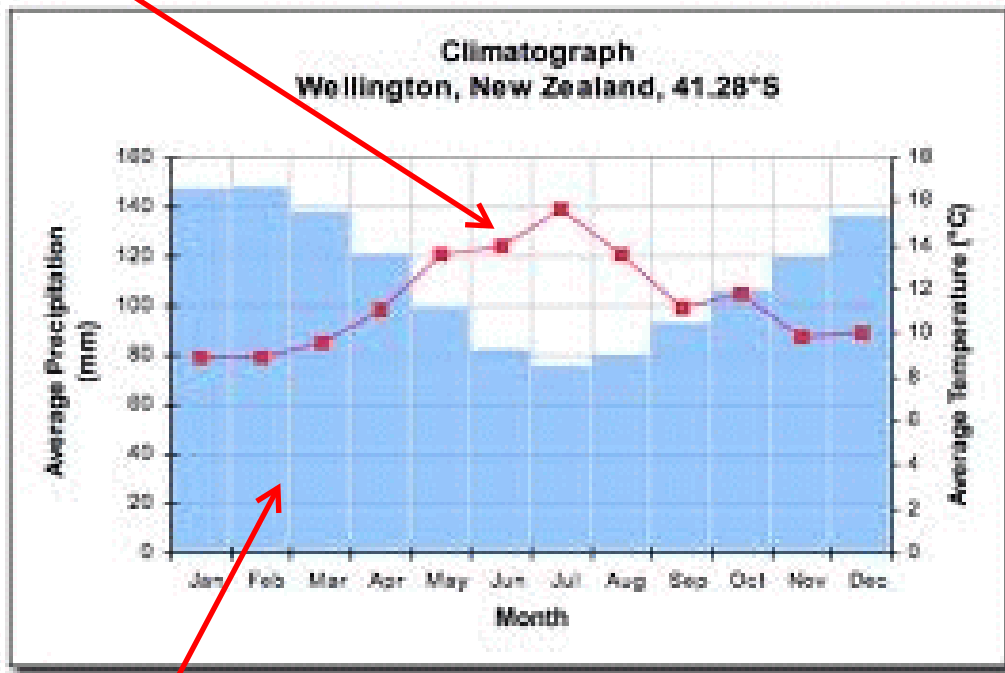# Climate Graphs and Biomes

The two most significant climate factors are: precipitation and temperature. A combination of precipitation and temperature will determine the overall characteristics of any given land area. For example high precipitation and warm temperatures will result in tropical rainforest. A climate graph can be used to help understand this:

unit

Barrow, Alaska

Temperature

Cold

Precipitation

Fairly Dry

Dry and cold environment - Tundra (cold dessert)

Temperature (not to hot not to cold)

Climatograph
Wellington, New Zealand, 41.28°S

Precipitation consistent and constant

Temperate Forest

A selection of temperature and precipitation will determine the type of biome. Biome is a large geographical area that has similar climate, plants and animals. Common examples in Canada are: Tundra, Boreal Forest, Grasslands and Temperate Deciduous Forest.