# Lab 7 – Climate Classification

## By: Jacob Wall

## May 4, 2014

**Lab Procedure**

In this lab we used data we received from Worldclimate.com and Koppens’ climate classification to create four climographs, two for Phoenix and two for Seattle measuring the average 24 hour temperature and rainfall.

**Observation**

Phoenix is a low-latitude dry, subtropical desert, denoted by Koppens’ classification of “BWh.” Seattle has a mild Mediterranean mid-latitude climate. This is denoted by Koppens’ classification of “Csb” meaning it has a mild climate but with a dry and warm summer.

**Analysis**

**Phoenix, Arizona**

Koppens’ classification of Phoenix, Arizona is “BWh.” This means that the climate in Phoenix is typically extraordinarily hot summertime’s. More specifically a maximum temperature of 40-45 degrees centigrade are reasonably common. Like most desert climates the night-time temperatures, except during parts of the summer, are commonly at or right below freezing. From an overall yearly perspective the average temperature is greater than or equal to 18 degrees centigrade.

**Seattle, Washington**

Koppens’ classification of Seattle, Washington is “Csb.” This means that the climate in Seattle is warm, but not hot, during their dry summers. There is no single average monthly temperature above 22 degrees centigrade during its warmest months and the coolest of the months are between -3 and 18 degrees centigrade. The climate is also rainy.