**3 Observable Trends from the Extracted Weather Data**

1. Temperature is correlated with latitude. Temperature data by latitude indicate clear higher temperatures at the equator and those temperatures reduce markedly in latitudes progressively further from the equator.

2. The vast majority of weather data is taken in the populated areas of the world. Plotting the weather data points results in a reflection of the locations of population on the planet. Thus, there are dramatically fewer weather data points in the southern hemisphere as most of the population of the world is in the northern hemisphere. Additionally, it is even possible to see the range of latitudes in the north in which the population is concentrated based on the same criteria.

3. Humidity, Cloudiness, and Wind Speed are not correlated to latitude. Therefore, additional factors related to terrain etc are the primary influences for these phenomena.