Weather Trends:

* Based on the current weather data for cities, it is observed that cities on or very close to equator have higher temperatures with some peak values, but higher temperatures are more consistent around tropic of Cancer (23 ½ degree latitude) and tropic of Capricorn(-23 ½ degree latitude). So the highest temperatures are observed between latitudes of -30 and 30 degrees.
* The Percent humidity vs. latitude graph does not show any correlation between humidity and latitude but it does indicate that for cities between 40 to 70 degree latitude, humidity varies from 60 to 100%. The cities close to the equator also experience high humidity ranging from 80 to 100%.
* No significant correlation observed between latitude and cloud cover or wind speed. For most of the cities, wind speed ranges between 0 to 15mph.