WeatherPy Observable Trends:

1. Maximum Temperatures by location peaks near the equator. As expected, cities located further from the equator have lower maximum temperatures. However, the northern hemisphere has cities that have very cold maximum temperatures indicating that the northern hemisphere is much cooler than the southern hemisphere.
2. Conditions like cloudiness and humidity do not show a strong relationship based on latitude. Data collected for these conditions have a very wide dispersion. Therefore, the location of city from the equator does not have an influence on these conditions. Other factors like temperature and atmosphere most likely determine these conditions.
3. Based on all the data, the conditions near the equator are the most suitable for someone seeking a warm and sunny vacation. Conditions like temperature, wind speed and cloudiness seem to be the most reliable near and around the equator.