**Weather of Cities and Best Vacation Cities Summary of Analysis**

604 cities have been polled to extract data for the analysis. Only 542 city’s data were successfully extracted for the purpose. Successful rate was 89.74%.

The below findings are shown in the weather analysis (WeatherPy file):

1. No cities had been recorded a humidity over 100%
2. Cities with a Latitude from -20 to 40 tend to be warmer
3. Cities in the Northern Hemisphere (positive Latitude) indicates a slightly higher humidity level than the cities in the Southern Hemisphere (negative Latitude) in average
4. Cities in the Southern Hemisphere (negative Latitude) indicate a higher chance to see clear sky (lower cloudiness %)

According to the ideal weather condition requirements:

1. A max temperature lower than 80 (F) but higher than 70 (F)
2. Wind speed less than 10 mph
3. Zero cloudiness.

The below summary is generated according to the VacationPy file:

1. Out of 542 cities in the analysis, only 11 cities match the ideal weather condition requirement
2. Out of 11 cities that meet the requirements 10 city is in the Northern Hemisphere
3. USA alone has 3 cities meet the requirements, indicates that USA could possibly be the best vacation country in the Northern Hemisphere