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

596 cities have been polled to extract data for the analysis. Only 538 city’s data were successfully extracted for the purpose. Successful rate was 90.27%.

The below findings are shown in the weather analysis:

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 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:

1. Out of 538 cities in the analysis, only 15 cities match the ideal weather condition requirement
2. Out of 15 cities that meet the requirements 10 city is in the Northern Hemisphere
3. Out of the 5 cities in the Southern Hemisphere 3 cities are in Australia, indicates that Australia could possibly be the best country for vacation in the Southern Hemisphere