WeatherPy

Analysis

- As expected, the weather becomes significantly warmer as one approaches the equator (0 Deg. Latitude). More interestingly, however, is the fact that the southern hemisphere tends to be warmer this time of year than the northern hemisphere. This may be due to the tilt of the earth.
- There is no strong relationship between latitude and cloudiness. However, it is interesting to see that a strong band of cities sits at 0, 80, and 100% cloudiness.
- There is no strong relationship between latitude and wind speed. However, in northern hemispheres there is a flurry of cities with over 20 mph of wind.

Note

- Instructions have been included for each segment. You do not have to follow them exactly, but they are included to help you think through the steps.

```python
In [1]:  # Dependencies and Setup
         import matplotlib.pyplot as plt
         import pandas as pd
         import numpy as np
         import requests
         import time
         import openweathermapy as ow


         # Import API key
         from api_keys import api_key

         # Incorporated citipy to determine city based on latitude and longitude
         from citipy import citipy

         # Output File (CSV)
         output_data_file = "output_data/cities.csv"

         # Range of latitudes and longitudes
         lat_range = (-90, 90)
         lng_range = (-180, 180)
```

Generate Cities List

```
In [2]:  # List for holding lat_lngs and cities
         lat_lngs = []
         cities = []

         # Create a set of random lat and lng combinations
         lats = np.random.uniform(low=-90.000, high=90.000, size=1500)
         lngs = np.random.uniform(low=-180.000, high=180.000, size=1500)
         lat_lngs = zip(lats, lngs)

         # Identify nearest city for each lat, lng combination
         for lat_lng in lat_lngs:
             city = citipy.nearest_city(lat_lng[0], lat_lng[1]).city_name

             # If the city is unique, then add it to a our cities list
             if city not in cities:
                 cities.append(city)

         # Print the city count to confirm sufficient count
         len(cities)
```

Out[2]: 606

Perform API Calls

- Perform a weather check on each city using a series of successive API calls.
- Include a print log of each city as it'sbeing processed (with the city number and city name).

```
In [3]:  # set up lists to hold reponse info
         # Some cities might not be found, so need to update the city list
         new_city =[]
         cloud = []
         country = []
         date = []
         humid = []
         # Based on the city search the latitude and longitudes have changed, so need to account for that
         new_lat =[]
         new_long =[]
         max_temp = []
         wind_speed = []

         # Save config information.
         url = "http://api.openweathermap.org/data/2.5/weather?"
         units = "imperial"

         # Build partial query URL
         query_url = f"{url}appid={api_key}&units={units}&q="
         # Get data for each city in cities.csv
         i = 0
         for city in cities:
             response = requests.get(query_url + city)
             if response.status_code != 200:
                     print(f"City not found ...Skipping")
                     continue
             else :
                     i = i+1
                     print(f"Processing from record number {i} corresponding to {city}")
                     print(f"{query_url}+{city}")
                     new_city.append(response.json()['name'])
                     cloud.append(response.json()['clouds']['all'])
                     country.append(response.json()['sys']['country'])
                     date.append(response.json()['dt'])
                     humid.append(response.json()['main']['humidity'])
                     new_lat.append(response.json()['coord']['lat'])
                     new_long.append(response.json()['coord']['lat'])
                     max_temp.append(response.json()['main']['temp_max'])
                     wind_speed.append(response.json()['wind']['speed'])
```

```
            time.sleep(3)
```

```
Processing from record number 1 corresponding to giresun
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+giresun
Processing from record number 2 corresponding to souillac
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+souillac
Processing from record number 3 corresponding to kodiak
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+kodiak
Processing from record number 4 corresponding to aginskoye
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+aginskoye
City not found ...Skipping
Processing from record number 5 corresponding to oranjemund
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+oranjemund
Processing from record number 6 corresponding to bluff
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+bluff
Processing from record number 7 corresponding to mataura
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+mataura
Processing from record number 8 corresponding to avarua
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+avarua
Processing from record number 9 corresponding to butaritari
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+butaritari
Processing from record number 10 corresponding to port alfred
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+port alfred
Processing from record number 11 corresponding to busselton
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+busselton
Processing from record number 12 corresponding to new norfolk
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+new norfolk
Processing from record number 13 corresponding to albury
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+albury
Processing from record number 14 corresponding to kapaa
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+kapaa
```

```
Processing from record number 15 corresponding to pevek
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+pevek
City not found ...Skipping
Processing from record number 16 corresponding to suluq
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+suluq
Processing from record number 17 corresponding to mar del plata
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+mar del plata
Processing from record number 18 corresponding to faanui
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+faanui
Processing from record number 19 corresponding to yar-sale
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+yar-sale
Processing from record number 20 corresponding to illapel
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+illapel
Processing from record number 21 corresponding to hobart
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+hobart
Processing from record number 22 corresponding to hermanus
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+hermanus
Processing from record number 23 corresponding to leningradskiy
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+leningradskiy
Processing from record number 24 corresponding to rikitea
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+rikitea
Processing from record number 25 corresponding to tiksi
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+tiksi
Processing from record number 26 corresponding to tuktoyaktuk
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+tuktoyaktuk
Processing from record number 27 corresponding to darhan
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+darhan
Processing from record number 28 corresponding to dikson
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+dikson
```

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Processing from record number 29 corresponding to kahului
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+kahului
Processing from record number 30 corresponding to ushuaia
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+ushuaia
Processing from record number 31 corresponding to iracoubo
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+iracoubo
Processing from record number 32 corresponding to saskylakh
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+saskylakh
Processing from record number 33 corresponding to geraldton
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+geraldton
Processing from record number 34 corresponding to barrow
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+barrow
Processing from record number 35 corresponding to villa altagracia
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+villa altagracia
Processing from record number 36 corresponding to filingue
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+filingue
Processing from record number 37 corresponding to quatre cocos
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+quatre cocos
Processing from record number 38 corresponding to atuona
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+atuona
Processing from record number 39 corresponding to taltal
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+taltal
Processing from record number 40 corresponding to punta arenas
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+punta arenas
Processing from record number 41 corresponding to svetlogorsk
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+svetlogorsk
Processing from record number 42 corresponding to humaita
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+humaita
Processing from record number 43 corresponding to cape town
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http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+cape town
City not found ...Skipping
Processing from record number 44 corresponding to banda aceh
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+banda aceh
City not found ...Skipping
Processing from record number 45 corresponding to arraial do cabo
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+arraial do cabo
Processing from record number 46 corresponding to bonavista
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+bonavista
Processing from record number 47 corresponding to byron bay
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+byron bay
Processing from record number 48 corresponding to san patricio
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+san patricio
City not found ...Skipping
Processing from record number 49 corresponding to chipinge
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+chipinge
Processing from record number 50 corresponding to mirabad
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+mirabad
Processing from record number 51 corresponding to shaki
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+shaki
Processing from record number 52 corresponding to airai
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+airai
Processing from record number 53 corresponding to albany
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+albany
Processing from record number 54 corresponding to vila franca do campo
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+vila franca do campo
Processing from record number 55 corresponding to port antonio
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+port antonio
Processing from record number 56 corresponding to virginia beach
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
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```
&q=+virginia beach
Processing from record number 57 corresponding to vanimo
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+vanimo
Processing from record number 58 corresponding to norman wells
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+norman wells
Processing from record number 59 corresponding to touros
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+touros
Processing from record number 60 corresponding to clyde river
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+clyde river
Processing from record number 61 corresponding to eluru
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+eluru
Processing from record number 62 corresponding to tilichiki
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+tilichiki
City not found ...Skipping
Processing from record number 63 corresponding to haines junction
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+haines junction
Processing from record number 64 corresponding to kavieng
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+kavieng
Processing from record number 65 corresponding to vaini
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+vaini
City not found ...Skipping
Processing from record number 66 corresponding to jamestown
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+jamestown
City not found ...Skipping
City not found ...Skipping
Processing from record number 67 corresponding to puerto ayora
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+puerto ayora
Processing from record number 68 corresponding to walvis bay
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+walvis bay
Processing from record number 69 corresponding to lavrentiya
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
```

```
&q=+lavrentiya
Processing from record number 70 corresponding to deputatskiy
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+deputatskiy
Processing from record number 71 corresponding to east london
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+east london
Processing from record number 72 corresponding to chapais
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+chapais
Processing from record number 73 corresponding to birao
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+birao
Processing from record number 74 corresponding to los llanos de aridane
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+los llanos de aridane
Processing from record number 75 corresponding to port lincoln
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+port lincoln
Processing from record number 76 corresponding to broken hill
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+broken hill
Processing from record number 77 corresponding to puerto cabezas
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+puerto cabezas
Processing from record number 78 corresponding to georgetown
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+georgetown
Processing from record number 79 corresponding to hukuntsi
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+hukuntsi
Processing from record number 80 corresponding to vardo
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+vardo
City not found ...Skipping
Processing from record number 81 corresponding to sao joao da barra
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+sao joao da barra
Processing from record number 82 corresponding to ozernovskiy
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+ozernovskiy
Processing from record number 83 corresponding to morwell
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
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```
&q=+morwell
Processing from record number 84 corresponding to salalah
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+salalah
Processing from record number 85 corresponding to saint george
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+saint george
Processing from record number 86 corresponding to martapura
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+martapura
Processing from record number 87 corresponding to hithadhoo
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+hithadhoo
Processing from record number 88 corresponding to severo-kurilsk
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+severo-kurilsk
Processing from record number 89 corresponding to ternate
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+ternate
City not found ...Skipping
Processing from record number 90 corresponding to healdsburg
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+healdsburg
Processing from record number 91 corresponding to port moresby
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+port moresby
Processing from record number 92 corresponding to newton
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+newton
Processing from record number 93 corresponding to yellowknife
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+yellowknife
Processing from record number 94 corresponding to damaturu
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+damaturu
Processing from record number 95 corresponding to obo
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+obo
Processing from record number 96 corresponding to iqaluit
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+iqaluit
City not found ...Skipping
Processing from record number 97 corresponding to mecca
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```
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+mecca
Processing from record number 98 corresponding to port-gentil
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+port-gentil
Processing from record number 99 corresponding to shipunovo
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+shipunovo
Processing from record number 100 corresponding to narsaq
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+narsaq
Processing from record number 101 corresponding to mahebourg
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+mahebourg
Processing from record number 102 corresponding to nzerekore
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+nzerekore
Processing from record number 103 corresponding to saint-joseph
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+saint-joseph
Processing from record number 104 corresponding to teano
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+teano
City not found ...Skipping
City not found ...Skipping
City not found ...Skipping
City not found ...Skipping
City not found ...Skipping
Processing from record number 105 corresponding to gorontalo
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+gorontalo
Processing from record number 106 corresponding to saint-philippe
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+saint-philippe
City not found ...Skipping
Processing from record number 107 corresponding to ponta do sol
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+ponta do sol
City not found ...Skipping
Processing from record number 108 corresponding to juegang
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+juegang
Processing from record number 109 corresponding to weatherford
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http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+weatherford
Processing from record number 110 corresponding to bacsalmas
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+bacsalmas
Processing from record number 111 corresponding to carnarvon
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+carnarvon
Processing from record number 112 corresponding to elat
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+elat
Processing from record number 113 corresponding to mandal
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+mandal
Processing from record number 114 corresponding to lompoc
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+lompoc
City not found ...Skipping
Processing from record number 115 corresponding to bredasdorp
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+bredasdorp
Processing from record number 116 corresponding to kavaratti
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+kavaratti
Processing from record number 117 corresponding to tiangua
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+tiangua
Processing from record number 118 corresponding to morant bay
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+morant bay
Processing from record number 119 corresponding to chuy
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+chuy
City not found ...Skipping
Processing from record number 120 corresponding to haimen
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+haimen
Processing from record number 121 corresponding to champerico
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+champerico
Processing from record number 122 corresponding to santa isabel do rio negro
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+santa isabel do rio negro
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Processing from record number 123 corresponding to vila
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+vila
City not found ...Skipping
Processing from record number 124 corresponding to cuiluan
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+cuiluan
Processing from record number 125 corresponding to banon
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+banon
Processing from record number 126 corresponding to sur
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+sur
Processing from record number 127 corresponding to kansanshi
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+kansanshi
Processing from record number 128 corresponding to pirojpur
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+pirojpur
Processing from record number 129 corresponding to torbay
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+torbay
Processing from record number 130 corresponding to hambantota
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+hambantota
Processing from record number 131 corresponding to necochea
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+necochea
Processing from record number 132 corresponding to araouane
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+araouane
Processing from record number 133 corresponding to vestmannaeyjar
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+vestmannaeyjar
Processing from record number 134 corresponding to ahipara
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+ahipara
Processing from record number 135 corresponding to srednekolymsk
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+srednekolymsk
Processing from record number 136 corresponding to grand gaube
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+grand gaube
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Processing from record number 137 corresponding to sangar
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+sangar
Processing from record number 138 corresponding to qaanaaq
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+qaanaaq
Processing from record number 139 corresponding to hadejia
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+hadejia
City not found ...Skipping
City not found ...Skipping
Processing from record number 140 corresponding to saldanha
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+saldanha
Processing from record number 141 corresponding to vermilion
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+vermilion
Processing from record number 142 corresponding to hasaki
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+hasaki
Processing from record number 143 corresponding to port shepstone
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+port shepstone
City not found ...Skipping
Processing from record number 144 corresponding to hilo
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+hilo
Processing from record number 145 corresponding to sitka
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+sitka
Processing from record number 146 corresponding to shubarshi
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+shubarshi
Processing from record number 147 corresponding to puerto escondido
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+puerto escondido
Processing from record number 148 corresponding to riorges
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+riorges
Processing from record number 149 corresponding to khani
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+khani
Processing from record number 150 corresponding to auki
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http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+auki
Processing from record number 151 corresponding to rorvik
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+rorvik
Processing from record number 152 corresponding to cabo san lucas
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+cabo san lucas
Processing from record number 153 corresponding to katsuura
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+katsuura
Processing from record number 154 corresponding to port hedland
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+port hedland
Processing from record number 155 corresponding to chaparral
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+chaparral
Processing from record number 156 corresponding to moose jaw
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+moose jaw
Processing from record number 157 corresponding to santa rosa
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+santa rosa
Processing from record number 158 corresponding to hefei
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+hefei
Processing from record number 159 corresponding to santa vitoria do palmar
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+santa vitoria do palmar
Processing from record number 160 corresponding to hakkari
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+hakkari
Processing from record number 161 corresponding to lorengau
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+lorengau
City not found ...Skipping
City not found ...Skipping
Processing from record number 162 corresponding to ust-nera
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+ust-nera
Processing from record number 163 corresponding to luanda
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+luanda
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Processing from record number 164 corresponding to jimma
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+jimma
Processing from record number 165 corresponding to skjervoy
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+skjervoy
Processing from record number 166 corresponding to thompson
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+thompson
Processing from record number 167 corresponding to guane
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+guane
City not found ...Skipping
Processing from record number 168 corresponding to ancud
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+ancud
City not found ...Skipping
Processing from record number 169 corresponding to allende
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+allende
City not found ...Skipping
Processing from record number 170 corresponding to prabumulih
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+prabumulih
Processing from record number 171 corresponding to sadove
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+sadove
Processing from record number 172 corresponding to muzhi
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+muzhi
Processing from record number 173 corresponding to tasiilaq
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+tasiilaq
Processing from record number 174 corresponding to upernavik
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+upernavik
Processing from record number 175 corresponding to esperance
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+esperance
Processing from record number 176 corresponding to havre-saint-pierre
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+havre-saint-pierre
Processing from record number 177 corresponding to spirit river
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http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+spirit river
Processing from record number 178 corresponding to dingle
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+dingle
Processing from record number 179 corresponding to isangel
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+isangel
Processing from record number 180 corresponding to victoria
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+victoria
Processing from record number 181 corresponding to baker city
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+baker city
Processing from record number 182 corresponding to dwarka
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+dwarka
Processing from record number 183 corresponding to tuatapere
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+tuatapere
Processing from record number 184 corresponding to punta alta
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+punta alta
Processing from record number 185 corresponding to ariquemes
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+ariquemes
Processing from record number 186 corresponding to carlagan
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+carlagan
Processing from record number 187 corresponding to north bend
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+north bend
Processing from record number 188 corresponding to huarmey
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+huarmey
Processing from record number 189 corresponding to guerrero negro
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+guerrero negro
Processing from record number 190 corresponding to kholm
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+kholm
Processing from record number 191 corresponding to umm lajj
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
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&q=+umm lajj
Processing from record number 192 corresponding to castro
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+castro
Processing from record number 193 corresponding to kaeo
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+kaeo
Processing from record number 194 corresponding to rabo de peixe
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+rabo de peixe
Processing from record number 195 corresponding to faya
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+faya
Processing from record number 196 corresponding to marawi
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+marawi
Processing from record number 197 corresponding to nikolskoye
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+nikolskoye
Processing from record number 198 corresponding to khatanga
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+khatanga
City not found ...Skipping
Processing from record number 199 corresponding to anadyr
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+anadyr
City not found ...Skipping
Processing from record number 200 corresponding to luderitz
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+luderitz
Processing from record number 201 corresponding to bafoulabe
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+bafoulabe
Processing from record number 202 corresponding to lingao
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+lingao
Processing from record number 203 corresponding to ust-kuyga
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+ust-kuyga
Processing from record number 204 corresponding to ribeira grande
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+ribeira grande
Processing from record number 205 corresponding to hamilton
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http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+hamilton
Processing from record number 206 corresponding to gurlan
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+gurlan
Processing from record number 207 corresponding to telimele
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+telimele
City not found ...Skipping
Processing from record number 208 corresponding to san quintin
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+san quintin
Processing from record number 209 corresponding to sao gabriel da cachoeira
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+sao gabriel da cachoeira
Processing from record number 210 corresponding to olinda
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+olinda
Processing from record number 211 corresponding to longyearbyen
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+longyearbyen
Processing from record number 212 corresponding to bambous virieux
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+bambous virieux
Processing from record number 213 corresponding to hirara
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+hirara
Processing from record number 214 corresponding to fortuna
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+fortuna
Processing from record number 215 corresponding to aqtobe
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+aqtobe
City not found ...Skipping
Processing from record number 216 corresponding to nanortalik
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+nanortalik
Processing from record number 217 corresponding to wageningen
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+wageningen
Processing from record number 218 corresponding to thinadhoo
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+thinadhoo
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Processing from record number 219 corresponding to coihaique
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+coihaique
Processing from record number 220 corresponding to pascagoula
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+pascagoula
Processing from record number 221 corresponding to pisco
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+pisco
Processing from record number 222 corresponding to coquimbo
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+coquimbo
Processing from record number 223 corresponding to sao filipe
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+sao filipe
Processing from record number 224 corresponding to gwanda
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+gwanda
City not found ...Skipping
Processing from record number 225 corresponding to flinders
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+flinders
Processing from record number 226 corresponding to lebu
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+lebu
Processing from record number 227 corresponding to berdigestyakh
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+berdigestyakh
Processing from record number 228 corresponding to valparaiso
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+valparaiso
Processing from record number 229 corresponding to nome
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+nome
Processing from record number 230 corresponding to kaitangata
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+kaitangata
Processing from record number 231 corresponding to tomatlan
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+tomatlan
Processing from record number 232 corresponding to nikki
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+nikki
```

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Processing from record number 233 corresponding to cukai
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+cukai
City not found ...Skipping
Processing from record number 234 corresponding to tautira
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+tautira
Processing from record number 235 corresponding to tekirdag
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+tekirdag
City not found ...Skipping
Processing from record number 236 corresponding to southbridge
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+southbridge
Processing from record number 237 corresponding to charyshskoye
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+charyshskoye
Processing from record number 238 corresponding to evensk
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+evensk
Processing from record number 239 corresponding to nelson bay
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+nelson bay
City not found ...Skipping
Processing from record number 240 corresponding to the valley
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+the valley
Processing from record number 241 corresponding to ust-uda
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+ust-uda
Processing from record number 242 corresponding to pacific grove
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+pacific grove
Processing from record number 243 corresponding to ayan
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+ayan
Processing from record number 244 corresponding to esna
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+esna
City not found ...Skipping
Processing from record number 245 corresponding to port-cartier
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+port-cartier
```

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Processing from record number 246 corresponding to sinnamary
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+sinnamary
Processing from record number 247 corresponding to la asuncion
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+la asuncion
Processing from record number 248 corresponding to puerto del rosario
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+puerto del rosario
Processing from record number 249 corresponding to manta
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+manta
Processing from record number 250 corresponding to chokurdakh
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+chokurdakh
Processing from record number 251 corresponding to provideniya
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+provideniya
Processing from record number 252 corresponding to morehead
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+morehead
Processing from record number 253 corresponding to ikast
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+ikast
Processing from record number 254 corresponding to namatanai
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+namatanai
Processing from record number 255 corresponding to whitehorse
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+whitehorse
Processing from record number 256 corresponding to coracao de jesus
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+coracao de jesus
Processing from record number 257 corresponding to marabba
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+marabba
Processing from record number 258 corresponding to beringovskiy
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+beringovskiy
Processing from record number 259 corresponding to port augusta
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+port augusta
Processing from record number 260 corresponding to ibipeba
```

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http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+ibipeba
Processing from record number 261 corresponding to kalmunai
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+kalmunai
City not found ...Skipping
Processing from record number 262 corresponding to hovd
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+hovd
Processing from record number 263 corresponding to nishihara
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+nishihara
Processing from record number 264 corresponding to majene
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+majene
Processing from record number 265 corresponding to harbin
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+harbin
Processing from record number 266 corresponding to maceio
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+maceio
Processing from record number 267 corresponding to muroto
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+muroto
City not found ...Skipping
Processing from record number 268 corresponding to barentu
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+barentu
Processing from record number 269 corresponding to port elizabeth
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+port elizabeth
Processing from record number 270 corresponding to yumen
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+yumen
Processing from record number 271 corresponding to cajaruro
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+cajaruro
Processing from record number 272 corresponding to buala
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+buala
Processing from record number 273 corresponding to turukhansk
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+turukhansk
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Processing from record number 274 corresponding to sainte-marie
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+sainte-marie
Processing from record number 275 corresponding to chateaubelair
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+chateaubelair
Processing from record number 276 corresponding to talara
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+talara
Processing from record number 277 corresponding to prince george
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+prince george
Processing from record number 278 corresponding to trincomalee
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+trincomalee
Processing from record number 279 corresponding to xining
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+xining
Processing from record number 280 corresponding to opuwo
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+opuwo
Processing from record number 281 corresponding to soto la marina
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+soto la marina
Processing from record number 282 corresponding to sakaiminato
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+sakaiminato
Processing from record number 283 corresponding to gaspe
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+gaspe
City not found ...Skipping
Processing from record number 284 corresponding to bayir
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+bayir
Processing from record number 285 corresponding to mbulu
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+mbulu
Processing from record number 286 corresponding to pierre
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+pierre
Processing from record number 287 corresponding to pucallpa
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+pucallpa
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Processing from record number 288 corresponding to college
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+college
Processing from record number 289 corresponding to point fortin
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+point fortin
Processing from record number 290 corresponding to harper
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+harper
Processing from record number 291 corresponding to tateyama
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+tateyama
Processing from record number 292 corresponding to kulhudhuffushi
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+kulhudhuffushi
Processing from record number 293 corresponding to pryluky
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+pryluky
Processing from record number 294 corresponding to togur
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+togur
Processing from record number 295 corresponding to itabira
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+itabira
Processing from record number 296 corresponding to falun
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+falun
Processing from record number 297 corresponding to mahajanga
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+mahajanga
Processing from record number 298 corresponding to wasilla
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+wasilla
Processing from record number 299 corresponding to voh
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+voh
Processing from record number 300 corresponding to kailua
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+kailua
Processing from record number 301 corresponding to gat
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+gat
City not found ...Skipping
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Processing from record number 302 corresponding to shache
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+shache
Processing from record number 303 corresponding to ixtapa
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+ixtapa
Processing from record number 304 corresponding to pavlovsk
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+pavlovsk
Processing from record number 305 corresponding to agadir
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+agadir
Processing from record number 306 corresponding to muros
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+muros
Processing from record number 307 corresponding to palembang
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+palembang
Processing from record number 308 corresponding to timmins
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+timmins
Processing from record number 309 corresponding to cocula
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+cocula
Processing from record number 310 corresponding to celestun
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+celestun
Processing from record number 311 corresponding to luganville
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+luganville
City not found ...Skipping
Processing from record number 312 corresponding to komsomolskiy
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+komsomolskiy
Processing from record number 313 corresponding to caravelas
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+caravelas
Processing from record number 314 corresponding to great falls
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+great falls
Processing from record number 315 corresponding to inhambane
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+inhambane
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Processing from record number 316 corresponding to aswan
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+aswan
Processing from record number 317 corresponding to moree
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+moree
Processing from record number 318 corresponding to baykit
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+baykit
Processing from record number 319 corresponding to klaksvik
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+klaksvik
Processing from record number 320 corresponding to marsassoum
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+marsassoum
City not found ...Skipping
Processing from record number 321 corresponding to ilulissat
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+ilulissat
Processing from record number 322 corresponding to santa cruz
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+santa cruz
Processing from record number 323 corresponding to urengoy
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+urengoy
Processing from record number 324 corresponding to hervey bay
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+hervey bay
Processing from record number 325 corresponding to cidreira
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+cidreira
Processing from record number 326 corresponding to cayenne
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+cayenne
Processing from record number 327 corresponding to salym
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+salym
Processing from record number 328 corresponding to kenora
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+kenora
Processing from record number 329 corresponding to tarata
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+tarata
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City not found ...Skipping
City not found ...Skipping
Processing from record number 330 corresponding to la ronge
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+la ronge
City not found ...Skipping
City not found ...Skipping
Processing from record number 331 corresponding to matamoros
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+matamoros
Processing from record number 332 corresponding to kununurra
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+kununurra
Processing from record number 333 corresponding to lubango
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+lubango
Processing from record number 334 corresponding to bilibino
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+bilibino
Processing from record number 335 corresponding to chechat
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+chechat
Processing from record number 336 corresponding to ajdabiya
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+ajdabiya
Processing from record number 337 corresponding to pak phanang
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+pak phanang
Processing from record number 338 corresponding to mareeba
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+mareeba
Processing from record number 339 corresponding to dimitrovgrad
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+dimitrovgrad
Processing from record number 340 corresponding to jacqueville
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+jacqueville
Processing from record number 341 corresponding to wamba
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+wamba
Processing from record number 342 corresponding to kieta
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+kieta
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City not found ...Skipping
Processing from record number 343 corresponding to alta floresta
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+alta floresta
Processing from record number 344 corresponding to kattivakkam
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+kattivakkam
Processing from record number 345 corresponding to herat
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+herat
Processing from record number 346 corresponding to antofagasta
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+antofagasta
Processing from record number 347 corresponding to plouzane
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+plouzane
Processing from record number 348 corresponding to tottori
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+tottori
Processing from record number 349 corresponding to laguna
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+laguna
Processing from record number 350 corresponding to codrington
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+codrington
Processing from record number 351 corresponding to mitu
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+mitu
Processing from record number 352 corresponding to fort nelson
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+fort nelson
Processing from record number 353 corresponding to shelburne
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+shelburne
Processing from record number 354 corresponding to sept-iles
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+sept-iles
Processing from record number 355 corresponding to avera
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+avera
Processing from record number 356 corresponding to payo
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+payo
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Processing from record number 357 corresponding to lakatoro
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+lakatoro
City not found ...Skipping
Processing from record number 358 corresponding to naze
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+naze
Processing from record number 359 corresponding to hearst
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+hearst
Processing from record number 360 corresponding to bethel
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+bethel
Processing from record number 361 corresponding to biltine
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+biltine
Processing from record number 362 corresponding to samarai
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+samarai
Processing from record number 363 corresponding to zhuhai
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+zhuhai
Processing from record number 364 corresponding to road town
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+road town
Processing from record number 365 corresponding to labuhan
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+labuhan
Processing from record number 366 corresponding to boyuibe
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+boyuibe
Processing from record number 367 corresponding to cherskiy
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+cherskiy
Processing from record number 368 corresponding to changping
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+changping
Processing from record number 369 corresponding to boras
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+boras
Processing from record number 370 corresponding to kiunga
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+kiunga
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Processing from record number 371 corresponding to san rafael
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+san rafael
City not found ...Skipping
Processing from record number 372 corresponding to bathsheba
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+bathsheba
Processing from record number 373 corresponding to kota belud
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+kota belud
Processing from record number 374 corresponding to binzhou
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+binzhou
Processing from record number 375 corresponding to sindor
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+sindor
Processing from record number 376 corresponding to kutum
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+kutum
Processing from record number 377 corresponding to shimoda
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+shimoda
Processing from record number 378 corresponding to lar
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+lar
Processing from record number 379 corresponding to sierpc
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+sierpc
Processing from record number 380 corresponding to ampanihy
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+ampanihy
Processing from record number 381 corresponding to nioro
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+nioro
Processing from record number 382 corresponding to cadillac
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+cadillac
Processing from record number 383 corresponding to high level
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+high level
Processing from record number 384 corresponding to ucluelet
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+ucluelet
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Processing from record number 385 corresponding to hermiston
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+hermiston
Processing from record number 386 corresponding to paamiut
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+paamiut
Processing from record number 387 corresponding to novosysoyevka
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+novosysoyevka
Processing from record number 388 corresponding to talnakh
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+talnakh
Processing from record number 389 corresponding to grindavik
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+grindavik
Processing from record number 390 corresponding to xuddur
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+xuddur
Processing from record number 391 corresponding to markova
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+markova
Processing from record number 392 corresponding to irtyshskiy
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+irtyshskiy
Processing from record number 393 corresponding to havelock
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+havelock
Processing from record number 394 corresponding to kudahuvadhoo
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+kudahuvadhoo
Processing from record number 395 corresponding to eydhafushi
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+eydhafushi
Processing from record number 396 corresponding to dudinka
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+dudinka
Processing from record number 397 corresponding to praia da vitoria
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+praia da vitoria
Processing from record number 398 corresponding to kizhinga
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+kizhinga
Processing from record number 399 corresponding to beberibe
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http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+beberibe
Processing from record number 400 corresponding to sioux lookout
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+sioux lookout
Processing from record number 401 corresponding to atherton
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+atherton
City not found ...Skipping
Processing from record number 402 corresponding to nyuksenitsa
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+nyuksenitsa
Processing from record number 403 corresponding to grants
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+grants
Processing from record number 404 corresponding to mundybash
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+mundybash
City not found ...Skipping
Processing from record number 405 corresponding to charters towers
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+charters towers
Processing from record number 406 corresponding to pionerskiy
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+pionerskiy
Processing from record number 407 corresponding to bartica
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+bartica
Processing from record number 408 corresponding to tyukalinsk
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+tyukalinsk
Processing from record number 409 corresponding to qaqortoq
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+qaqortoq
Processing from record number 410 corresponding to kruisfontein
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+kruisfontein
Processing from record number 411 corresponding to khargupur
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+khargupur
Processing from record number 412 corresponding to fukue
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+fukue
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Processing from record number 413 corresponding to kharp
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+kharp
City not found ...Skipping
Processing from record number 414 corresponding to makat
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+makat
Processing from record number 415 corresponding to doha
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+doha
Processing from record number 416 corresponding to tual
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+tual
Processing from record number 417 corresponding to deep river
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+deep river
Processing from record number 418 corresponding to aloleng
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+aloleng
City not found ...Skipping
Processing from record number 419 corresponding to belyy yar
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+belyy yar
Processing from record number 420 corresponding to chumikan
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+chumikan
Processing from record number 421 corresponding to pangnirtung
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+pangnirtung
Processing from record number 422 corresponding to punakha
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+punakha
Processing from record number 423 corresponding to nago
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+nago
City not found ...Skipping
Processing from record number 424 corresponding to minnedosa
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+minnedosa
Processing from record number 425 corresponding to fairbanks
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+fairbanks
Processing from record number 426 corresponding to watsa
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http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+watsa
Processing from record number 427 corresponding to aranos
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+aranos
Processing from record number 428 corresponding to honningsvag
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+honningsvag
Processing from record number 429 corresponding to hangu
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+hangu
Processing from record number 430 corresponding to niquero
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+niquero
Processing from record number 431 corresponding to shuya
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+shuya
Processing from record number 432 corresponding to jiuquan
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+jiuquan
Processing from record number 433 corresponding to paracuru
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+paracuru
Processing from record number 434 corresponding to pesochnoye
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+pesochnoye
Processing from record number 435 corresponding to tabas
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+tabas
Processing from record number 436 corresponding to paita
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+paita
Processing from record number 437 corresponding to tura
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+tura
Processing from record number 438 corresponding to eureka
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+eureka
City not found ...Skipping
Processing from record number 439 corresponding to dhidhdhoo
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+dhidhdhoo
Processing from record number 440 corresponding to manakara
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http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+manakara
Processing from record number 441 corresponding to longhua
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+longhua
Processing from record number 442 corresponding to storslett
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+storslett
Processing from record number 443 corresponding to hokitika
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+hokitika
Processing from record number 444 corresponding to nemuro
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+nemuro
Processing from record number 445 corresponding to puerto narino
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+puerto narino
Processing from record number 446 corresponding to nouadhibou
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+nouadhibou
Processing from record number 447 corresponding to moroni
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+moroni
Processing from record number 448 corresponding to oga
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+oga
Processing from record number 449 corresponding to kindu
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+kindu
Processing from record number 450 corresponding to contamana
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+contamana
Processing from record number 451 corresponding to portland
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+portland
Processing from record number 452 corresponding to kilindoni
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+kilindoni
Processing from record number 453 corresponding to dunedin
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+dunedin
Processing from record number 454 corresponding to machico
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
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                      &q=+machico
                      Processing from record number 455 corresponding to willmar
                      http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
                      &q=+willmar
                      Processing from record number 456 corresponding to omsukchan
                      http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
                      &q=+omsukchan
                      Processing from record number 457 corresponding to waipawa
                      http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
                      &q=+waipawa
                      Processing from record number 458 corresponding to suileng
                      http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
                      &q=+suileng
                      Processing from record number 459 corresponding to vallenar
                      http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
                      &q=+vallenar
                      Processing from record number 460 corresponding to rujiena
                      http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
                      &q=+rujiena
                      Processing from record number 461 corresponding to nikel
                      http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
                      &q=+nikel
                      Processing from record number 462 corresponding to zhireken
                      http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
                      &q=+zhireken
                      Processing from record number 463 corresponding to itarema
                      http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
                      &q=+itarema
                      Processing from record number 464 corresponding to nanga eboko
                      http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
                      &q=+nanga eboko
                      Processing from record number 465 corresponding to ouesso
                      http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
                      &q=+ouesso
                      Processing from record number 466 corresponding to carora
                      http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
                      &q=+carora
                      Processing from record number 467 corresponding to yerazgavors
                      http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
                      &q=+yerazgavors
                      City not found ...Skipping
                      Processing from record number 468 corresponding to pontevel
                      http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
```

```
&q=+pontevel
Processing from record number 469 corresponding to borogontsy
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+borogontsy
Processing from record number 470 corresponding to mpraeso
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+mpraeso
Processing from record number 471 corresponding to semporna
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+semporna
City not found ...Skipping
Processing from record number 472 corresponding to ambilobe
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+ambilobe
Processing from record number 473 corresponding to banjar
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+banjar
City not found ...Skipping
Processing from record number 474 corresponding to mitchell
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+mitchell
City not found ...Skipping
Processing from record number 475 corresponding to bodinayakkanur
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+bodinayakkanur
Processing from record number 476 corresponding to chepareria
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+chepareria
Processing from record number 477 corresponding to kaohsiung
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+kaohsiung
Processing from record number 478 corresponding to chimoio
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+chimoio
Processing from record number 479 corresponding to kholodnyy
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+kholodnyy
Processing from record number 480 corresponding to ouanaminthe
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+ouanaminthe
Processing from record number 481 corresponding to mumford
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+mumford
```

```
Processing from record number 482 corresponding to clarence town
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+clarence town
Processing from record number 483 corresponding to miraflores
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+miraflores
City not found ...Skipping
City not found ...Skipping
Processing from record number 484 corresponding to palpa
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+palpa
Processing from record number 485 corresponding to zeya
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+zeya
Processing from record number 486 corresponding to bonthe
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+bonthe
Processing from record number 487 corresponding to acobamba
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+acobamba
City not found ...Skipping
Processing from record number 488 corresponding to jumla
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+jumla
Processing from record number 489 corresponding to tabou
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+tabou
Processing from record number 490 corresponding to poronaysk
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+poronaysk
City not found ...Skipping
Processing from record number 491 corresponding to phan thiet
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+phan thiet
Processing from record number 492 corresponding to caruray
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+caruray
Processing from record number 493 corresponding to palmer
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+palmer
Processing from record number 494 corresponding to rio tercero
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+rio tercero
```

```
Processing from record number 495 corresponding to port hardy
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+port hardy
Processing from record number 496 corresponding to aykhal
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+aykhal
Processing from record number 497 corresponding to tevriz
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+tevriz
Processing from record number 498 corresponding to sochi
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+sochi
Processing from record number 499 corresponding to murray bridge
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+murray bridge
Processing from record number 500 corresponding to half moon bay
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+half moon bay
Processing from record number 501 corresponding to vao
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+vao
Processing from record number 502 corresponding to bollnas
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+bollnas
Processing from record number 503 corresponding to kuji
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+kuji
Processing from record number 504 corresponding to berlevag
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+berlevag
Processing from record number 505 corresponding to sibu
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+sibu
Processing from record number 506 corresponding to hami
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+hami
Processing from record number 507 corresponding to udachnyy
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+udachnyy
Processing from record number 508 corresponding to mayo
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+mayo
Processing from record number 509 corresponding to progreso
```

```
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+progreso
Processing from record number 510 corresponding to atocha
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+atocha
Processing from record number 511 corresponding to awbari
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+awbari
Processing from record number 512 corresponding to carballo
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+carballo
Processing from record number 513 corresponding to atar
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+atar
Processing from record number 514 corresponding to vilcun
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+vilcun
Processing from record number 515 corresponding to challapata
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+challapata
Processing from record number 516 corresponding to ormara
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+ormara
Processing from record number 517 corresponding to tazovskiy
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+tazovskiy
Processing from record number 518 corresponding to rognan
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+rognan
Processing from record number 519 corresponding to whyalla
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+whyalla
Processing from record number 520 corresponding to bandarbeyla
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+bandarbeyla
Processing from record number 521 corresponding to vila velha
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+vila velha
Processing from record number 522 corresponding to alakurtti
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+alakurtti
Processing from record number 523 corresponding to periyanegamam
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
```

```
&q=+periyanegamam
Processing from record number 524 corresponding to pavilosta
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+pavilosta
Processing from record number 525 corresponding to obihiro
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+obihiro
Processing from record number 526 corresponding to lipin bor
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+lipin bor
Processing from record number 527 corresponding to george
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+george
City not found ...Skipping
Processing from record number 528 corresponding to krasnyy chikoy
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+krasnyy chikoy
Processing from record number 529 corresponding to broome
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+broome
Processing from record number 530 corresponding to magole
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+magole
Processing from record number 531 corresponding to ponta delgada
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+ponta delgada
Processing from record number 532 corresponding to pekan
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+pekan
City not found ...Skipping
Processing from record number 533 corresponding to buchanan
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+buchanan
Processing from record number 534 corresponding to selma
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+selma
Processing from record number 535 corresponding to tigil
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+tigil
Processing from record number 536 corresponding to talcahuano
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+talcahuano
Processing from record number 537 corresponding to ilam
```

```
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+ilam
Processing from record number 538 corresponding to derzhavinsk
http://api.openweathermap.org/data/2.5/weather?appid=309577dd7c1d66dc943027484a642be9&units=imperial
&q=+derzhavinsk
```

Convert Raw Data to DataFrame

- Export the city data into a .csv.
- Display the DataFrame

In [11]:
```python
## create a data frame from cities, lat, and temp
weather_dict = {
    "City": new_city,
    "Cloudiness (%)": cloud,
    "Country" : country,
    "Date" :date,
    "Humidity (%)" : humid,
    "Latitude" : new_lat,
    "Longitude" : new_long,
    "Max Temp": max_temp,
    "Wind Speed (mph)": wind_speed
}
```

In [12]:
```python
weather_data = pd.DataFrame(weather_dict, index=new_city)
weather_data.to_csv("City_Weather_Data.csv", sep=' ')
weather_data.count()
```

Out[12]:
```
City               538
Cloudiness (%)     538
Country            538
Date               538
Humidity (%)       538
Latitude           538
Longitude          538
Max Temp           538
Wind Speed (mph)   538
dtype: int64
```

In [13]: `weather_data.head(10)`

Out[13]:

	City	Cloudiness (%)	Country	Date	Humidity (%)	Latitude	Longitude	Max Temp	Wind Speed (mph)
Giresun	Giresun	75	TR	1553143800	66	40.91	40.91	48.20	5.82
Souillac	Souillac	0	FR	1553149449	93	45.60	45.60	39.99	3.36
Kodiak	Kodiak	1	US	1553149448	80	39.95	39.95	42.01	5.82
Aginskoye	Aginskoye	76	RU	1553149505	34	51.11	51.11	28.51	12.97
Oranjemund	Oranjemund	0	ZA	1553149508	97	-28.55	-28.55	62.53	27.51
Bluff	Bluff	8	AU	1553149512	48	-23.58	-23.58	90.43	6.71
Mataura	Mataura	64	NZ	1553149205	80	-46.19	-46.19	66.00	1.01
Avarua	Avarua	92	CK	1553146200	88	-21.21	-21.21	80.60	1.12
Butaritari	Butaritari	76	KI	1553149522	100	3.07	3.07	79.99	11.30
Port Alfred	Port Alfred	0	ZA	1553149508	79	-33.59	-33.59	66.99	5.99

Plotting the Data

- Use proper labeling of the plots using plot titles (including date of analysis) and axes labels.
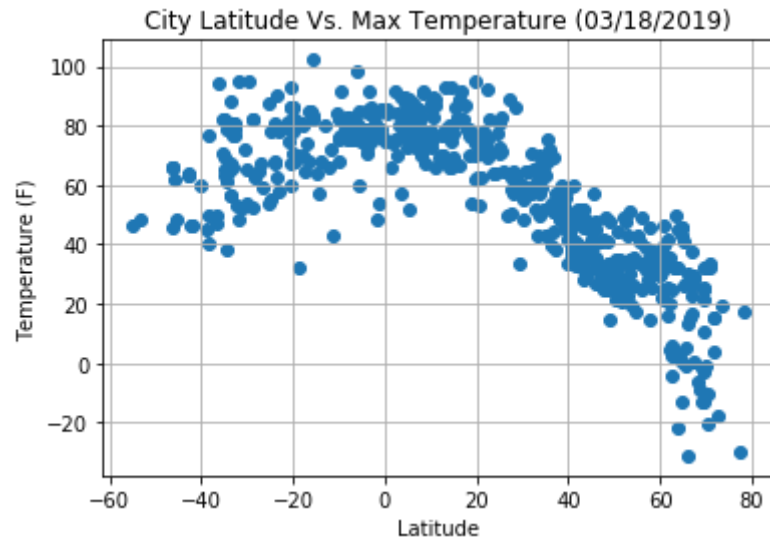- Save the plotted figures as .pngs.

Latitude vs. Temperature Plot

```
In [14]: # Build a scatter plot for each data type
         plt.scatter(weather_data["Latitude"], weather_data["Max Temp"], marker="o")

         # Incorporate the other graph properties
         plt.title("City Latitude Vs. Max Temperature (03/18/2019)")
         plt.ylabel("Temperature (F)")
         plt.xlabel("Latitude")
         plt.grid(True)

         # Save the figure
         plt.savefig("Temp_Lat.png")

         # Show plot
         plt.show()
```
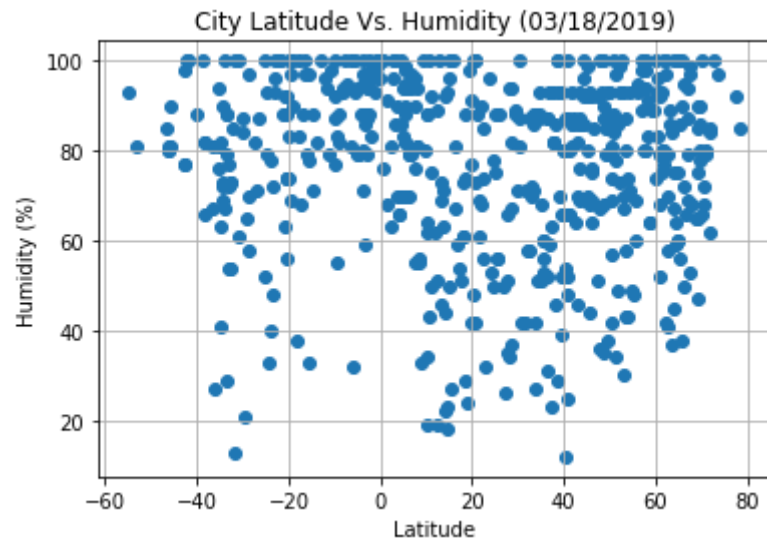

Latitude vs. Humidity Plot

```
In [15]:  # Build a scatter plot for each data type
          plt.scatter(weather_data["Latitude"], weather_data["Humidity (%)"], marker="o")

          # Incorporate the other graph properties
          plt.title("City Latitude Vs. Humidity (03/18/2019)")
          plt.ylabel("Humidity (%)")
          plt.xlabel("Latitude")
          plt.grid(True)

          # Save the figure
          plt.savefig("Humid_Lat.png")

          # Show plot
          plt.show()
```
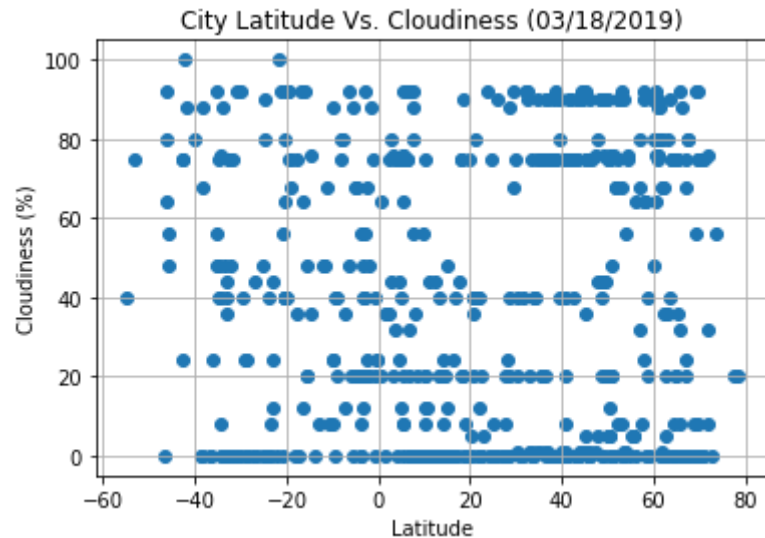

Latitude vs. Cloudiness Plot

In [16]:
```python
# Build a scatter plot for each data type
plt.scatter(weather_data["Latitude"], weather_data["Cloudiness (%)"], marker="o")

# Incorporate the other graph properties
plt.title("City Latitude Vs. Cloudiness (03/18/2019)")
plt.ylabel("Cloudiness (%)")
plt.xlabel("Latitude")
plt.grid(True)

# Save the figure
plt.savefig("Cloud_Lat.png")

# Show plot
plt.show()
```
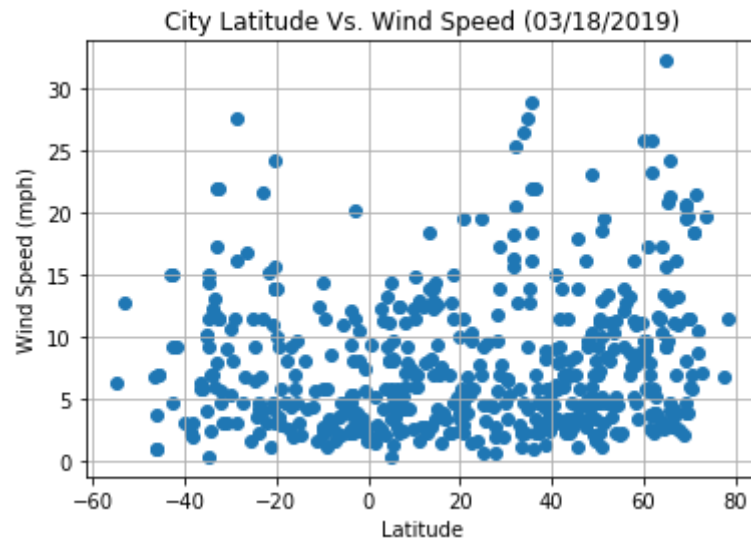

City Latitude Vs. Cloudiness (03/18/2019)

Latitude vs. Wind Speed Plot

```
In [17]: # Build a scatter plot for each data type
         plt.scatter(weather_data["Latitude"], weather_data["Wind Speed (mph)"], marker="o")

         # Incorporate the other graph properties
         plt.title("City Latitude Vs. Wind Speed (03/18/2019)")
         plt.ylabel("Wind Speed (mph)")
         plt.xlabel("Latitude")
         plt.grid(True)

         # Save the figure
         plt.savefig("Wind_Speed.png")

         # Show plot
         plt.show()
```

City Latitude Vs. Wind Speed (03/18/2019)

In [ ]: