

WeatherPy_BG

Analysis

- Temperatures Peak near the equator. However the maximum temperature is higher in the northern hemisphere, due to the tilt of the earth (summer). However, in the northern hemisphere there were outliers which maintained a low temperature despite a moderate latitude (~40 degrees north). This may be due to factors such as elevation.
- There are strong bands of cloudiness at 0, 40, 60, 80 and 100% cloudiness. This indicates a measurement error. Because no metric exists for total cloud cover, the recording of cloud cover data forces the observed state into a category, effectively "binning" the cloud cover at the time of measurement.
- There is a spike in wind speed at -30 to -40 south latitude. It is interesting to consider whether latitude has an effect. See [Trade Winds \(https://en.wikipedia.org/wiki/Trade_winds\)](https://en.wikipedia.org/wiki/Trade_winds) which are well documented winds occurring consistently at certain latitudes. The increase in wind speed may be due to winter in the southern hemisphere.

```
In [1]: # Dependencies and Setup
import matplotlib.pyplot as plt
import pandas as pd
import numpy as np
import requests
import json
import time
import os
import csv

# Import API key
from api_keys import api_key

#set up target URL
url = "http://api.openweathermap.org/data/2.5/weather?"
units = "imperial"

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

# Output File (CSV)
output_data_file = "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

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In [3]: #print(cities) #debug
```

```
In [4]: #type(lat_lngs) #debug note: this returns a zip object which acts like a
tuple.
```

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's being processed (with the city number and city name).

```

In [5]: #traverse the city list
        #Include a print
        #log of each city as it'sbeing processed (with the city number and city
        name).

        # Build query URL
        #query_url = f"{url}appid={api_key}&q={city}"#"&units={units}"
        query_url = url + "appid=" + api_key + "&q="

        # set up lists to hold reponse info
        lat = []
        long = []
        temp = []
        hum = []
        cloud = []
        wind = []
        final_cities = []
        excluded_cities =[] #probably not necessary but it doesn't hurt to keep
        a list of what gets tossed

        #Add a progress counter
        counter = 0

        # Loop through the list of cities and perform a request for data on each
        #NOTE: NEEDS EXCEPTION HANDLING not all cities returned by citipy may be
        tracked by openweather

        for city in cities:

            #Get data
            try:
                response = requests.get(query_url + city + "&units=" + units).js
on()
                lat.append(response["coord"]['lat']) #append the list of latitud
es
                long.append(response['coord'] ['lon']) #append the list of longit
udes
                temp.append(response['main'] ['temp_max']) #append the list of ma
x temperatures
                hum.append(response['main'] ['humidity']) #append the list of hun
idity values
                cloud.append(response["clouds"] ["all"]) #append the list of clou
d cover values
                wind.append(response["wind"] ["speed"]) #append the list of wind
speed
                final_cities.append(city) #build a list of the cities which retu
rned a value and did not throw exception.

                #print status output
                print("Processing " + str(counter) + ": Current City: " + city +
"\n\t URL: " + query_url + city + "&units=" + units )

                counter = counter +1 #this shows progress

            # Catch exception if trying to access key that doesn't exist

```

```
except KeyError:
    #track cities which throw an exception
    excluded_cities.append(city)

    # print a message to notify user of city exception
    print ("Processing " + str(counter) + ": Current City:" + city + "
\n\t weather data not found -excluded from list")

    counter = counter+1

    continue #NOTE: to continue running the for loop the try/except block must be inside the for loop

print("City API calls complete") #let the user know that the call is done
```

Processing 0: Current City: rikitea
URL: <http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=rikitea&units=imperial>

Processing 1: Current City: tongren
URL: <http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=tongren&units=imperial>

Processing 2: Current City: verkhnevilyuysk
URL: <http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=verkhnevilyuysk&units=imperial>

Processing 3: Current City: jamestown
URL: <http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=jamestown&units=imperial>

Processing 4: Current City: qaanaaq
URL: <http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=qaanaaq&units=imperial>

Processing 5: Current City: barrow
URL: <http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=barrow&units=imperial>

Processing 6: Current City: sao filipe
URL: <http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=sao filipe&units=imperial>

Processing 7: Current City: busselton
URL: <http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=busselton&units=imperial>

Processing 8: Current City: mataura
URL: <http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=mataura&units=imperial>

Processing 9: Current City: lodja
URL: <http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=lodja&units=imperial>

Processing 10: Current City: vaini
URL: <http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=vaini&units=imperial>

Processing 11: Current City: albany
URL: <http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=albany&units=imperial>

Processing 12: Current City: evensk
URL: <http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=evensk&units=imperial>

Processing 13: Current City: nikolskoye
URL: <http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=nikolskoye&units=imperial>

Processing 14: Current City: khatanga
URL: <http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=khatanga&units=imperial>

Processing 15: Current City: matara
URL: <http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=matara&units=imperial>

Processing 16: Current City: taolanaro
weather data not found -excluded from list

Processing 17: Current City: saint-pierre
URL: <http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=saint-pierre&units=imperial>

Processing 18: Current City: qaqortoq
URL: <http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=qaqortoq&units=imperial>

Processing 19: Current City: richards bay

URL: <http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=richards bay&units=imperial>
Processing 20: Current City: vrangel
URL: <http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=vrangel&units=imperial>
Processing 21: Current City: taltal
URL: <http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=taltal&units=imperial>
Processing 22: Current City: port alfred
URL: <http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=port alfred&units=imperial>
Processing 23: Current City: kruisfontein
URL: <http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=kruisfontein&units=imperial>
Processing 24: Current City: sioux lookout
URL: <http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=siox lookout&units=imperial>
Processing 25: Current City: ushuaia
URL: <http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=ushuaia&units=imperial>
Processing 26: Current City: touros
URL: <http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=touros&units=imperial>
Processing 27: Current City: hermanus
URL: <http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=hermanus&units=imperial>
Processing 28: Current City: port hedland
URL: <http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=port hedland&units=imperial>
Processing 29: Current City: maridi
weather data not found -excluded from list
Processing 30: Current City: kazalinsk
weather data not found -excluded from list
Processing 31: Current City: chuy
URL: <http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=chuy&units=imperial>
Processing 32: Current City: castro
URL: <http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=castro&units=imperial>
Processing 33: Current City: slave lake
URL: <http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=slave lake&units=imperial>
Processing 34: Current City: new norfolk
URL: <http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=new norfolk&units=imperial>
Processing 35: Current City: umm durman
weather data not found -excluded from list
Processing 36: Current City: ancud
URL: <http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=ancud&units=imperial>
Processing 37: Current City: bredasdorp
URL: <http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=bredasdorp&units=imperial>
Processing 38: Current City: mayo
URL: <http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=mayo&units=imperial>
Processing 39: Current City: butaritari

URL: <http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=butaritari&units=imperial>
Processing 40: Current City: saint george
URL: [http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=saint george&units=imperial](http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=saint%20george&units=imperial)
Processing 41: Current City: narsaq
URL: <http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=narsaq&units=imperial>
Processing 42: Current City: madimba
URL: <http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=madimba&units=imperial>
Processing 43: Current City: kitimat
URL: <http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=kitimat&units=imperial>
Processing 44: Current City: yellowknife
URL: <http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=yellowknife&units=imperial>
Processing 45: Current City: tadine
URL: <http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=tadine&units=imperial>
Processing 46: Current City: celestun
URL: <http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=celestun&units=imperial>
Processing 47: Current City: saldanha
URL: <http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=saldanha&units=imperial>
Processing 48: Current City: saskylakh
URL: <http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=saskylakh&units=imperial>
Processing 49: Current City: nanortalik
URL: <http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=nanortalik&units=imperial>
Processing 50: Current City: bowen
URL: <http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=bowen&units=imperial>
Processing 51: Current City: altay
URL: <http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=altay&units=imperial>
Processing 52: Current City: solnechnyy
URL: <http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=solnechnyy&units=imperial>
Processing 53: Current City: cheuskiny
weather data not found -excluded from list
Processing 54: Current City: upernavik
URL: <http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=upernavik&units=imperial>
Processing 55: Current City: lavrentiya
URL: <http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=lavrentiya&units=imperial>
Processing 56: Current City: thompson
URL: <http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=thompson&units=imperial>
Processing 57: Current City: puerto ayora
URL: [http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=puerto ayora&units=imperial](http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=puerto%20ayora&units=imperial)
Processing 58: Current City: longyearbyen
URL: <http://api.openweathermap.org/data/2.5/weather?appid=3ec4>

af86a5b610c4a122e6ce000a87cd&q=longyearbyen&units=imperial
Processing 59: Current City: lyubeshiv
weather data not found -excluded from list
Processing 60: Current City: pujili
URL: http://api.openweathermap.org/data/2.5/weather?appid=3ec4
af86a5b610c4a122e6ce000a87cd&q=pujili&units=imperial
Processing 61: Current City: provideniya
URL: http://api.openweathermap.org/data/2.5/weather?appid=3ec4
af86a5b610c4a122e6ce000a87cd&q=provideniya&units=imperial
Processing 62: Current City: sitka
URL: http://api.openweathermap.org/data/2.5/weather?appid=3ec4
af86a5b610c4a122e6ce000a87cd&q=sitka&units=imperial
Processing 63: Current City: nenjiang
URL: http://api.openweathermap.org/data/2.5/weather?appid=3ec4
af86a5b610c4a122e6ce000a87cd&q=nenjiang&units=imperial
Processing 64: Current City: ostrovnoy
URL: http://api.openweathermap.org/data/2.5/weather?appid=3ec4
af86a5b610c4a122e6ce000a87cd&q=ostrovnoy&units=imperial
Processing 65: Current City: paamiut
URL: http://api.openweathermap.org/data/2.5/weather?appid=3ec4
af86a5b610c4a122e6ce000a87cd&q=paamiut&units=imperial
Processing 66: Current City: bluff
URL: http://api.openweathermap.org/data/2.5/weather?appid=3ec4
af86a5b610c4a122e6ce000a87cd&q=bluff&units=imperial
Processing 67: Current City: alice springs
URL: http://api.openweathermap.org/data/2.5/weather?appid=3ec4
af86a5b610c4a122e6ce000a87cd&q=alice springs&units=imperial
Processing 68: Current City: tiksi
URL: http://api.openweathermap.org/data/2.5/weather?appid=3ec4
af86a5b610c4a122e6ce000a87cd&q=tiksi&units=imperial
Processing 69: Current City: san patricio
URL: http://api.openweathermap.org/data/2.5/weather?appid=3ec4
af86a5b610c4a122e6ce000a87cd&q=san patricio&units=imperial
Processing 70: Current City: vanderhoof
URL: http://api.openweathermap.org/data/2.5/weather?appid=3ec4
af86a5b610c4a122e6ce000a87cd&q=vanderhoof&units=imperial
Processing 71: Current City: ous
URL: http://api.openweathermap.org/data/2.5/weather?appid=3ec4
af86a5b610c4a122e6ce000a87cd&q=ous&units=imperial
Processing 72: Current City: maues
URL: http://api.openweathermap.org/data/2.5/weather?appid=3ec4
af86a5b610c4a122e6ce000a87cd&q=maues&units=imperial
Processing 73: Current City: visnes
URL: http://api.openweathermap.org/data/2.5/weather?appid=3ec4
af86a5b610c4a122e6ce000a87cd&q=visnes&units=imperial
Processing 74: Current City: namibe
URL: http://api.openweathermap.org/data/2.5/weather?appid=3ec4
af86a5b610c4a122e6ce000a87cd&q=namibe&units=imperial
Processing 75: Current City: lolua
weather data not found -excluded from list
Processing 76: Current City: nabire
URL: http://api.openweathermap.org/data/2.5/weather?appid=3ec4
af86a5b610c4a122e6ce000a87cd&q=nabire&units=imperial
Processing 77: Current City: mandalgovi
URL: http://api.openweathermap.org/data/2.5/weather?appid=3ec4
af86a5b610c4a122e6ce000a87cd&q=mandalgovi&units=imperial
Processing 78: Current City: dingle

URL: <http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=dingle&units=imperial>
Processing 79: Current City: rock sound
URL: [http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=rock sound&units=imperial](http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=rock%20sound&units=imperial)
Processing 80: Current City: lompoc
URL: <http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=lompoc&units=imperial>
Processing 81: Current City: paka
URL: <http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=paka&units=imperial>
Processing 82: Current City: georgetown
URL: <http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=georgetown&units=imperial>
Processing 83: Current City: caravelas
URL: <http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=caravelas&units=imperial>
Processing 84: Current City: puerto madryn
URL: [http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=puerto madryn&units=imperial](http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=puerto%20madryn&units=imperial)
Processing 85: Current City: itaperuna
URL: <http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=itaperuna&units=imperial>
Processing 86: Current City:vaitupu
weather data not found -excluded from list
Processing 87: Current City: beringovskiy
URL: <http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=beringovskiy&units=imperial>
Processing 88: Current City: markala
URL: <http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=markala&units=imperial>
Processing 89: Current City: cabo san lucas
URL: [http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=cabo san lucas&units=imperial](http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=cabo%20san%20lucas&units=imperial)
Processing 90: Current City: santa isabel
URL: [http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=santa isabel&units=imperial](http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=santa%20isabel&units=imperial)
Processing 91: Current City: hobart
URL: <http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=hobart&units=imperial>
Processing 92: Current City:amderma
weather data not found -excluded from list
Processing 93: Current City: khislavichi
URL: <http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=khislavichi&units=imperial>
Processing 94: Current City: taoudenni
URL: <http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=taoudenni&units=imperial>
Processing 95: Current City:illogqortoormiut
weather data not found -excluded from list
Processing 96: Current City:belushya guba
weather data not found -excluded from list
Processing 97: Current City: lagos
URL: <http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=lagos&units=imperial>
Processing 98: Current City: presidencia roque saenz pena
URL: <http://api.openweathermap.org/data/2.5/weather?appid=3ec4>

af86a5b610c4a122e6ce000a87cd&q=presidencia roque saenz pena&units=imperial
Processing 99: Current City: cascais
URL: http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=cascais&units=imperial
Processing 100: Current City: faanui
URL: http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=faanui&units=imperial
Processing 101: Current City: cherskiy
URL: http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=cherskiy&units=imperial
Processing 102: Current City: acapulco
URL: http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=acapulco&units=imperial
Processing 103: Current City: nishihara
URL: http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=nishihara&units=imperial
Processing 104: Current City: alenquer
URL: http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=alenquer&units=imperial
Processing 105: Current City: punta arenas
URL: http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=punta arenas&units=imperial
Processing 106: Current City: mar del plata
URL: http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=mar del plata&units=imperial
Processing 107: Current City: nyurba
URL: http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=nyurba&units=imperial
Processing 108: Current City: vila velha
URL: http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=vila velha&units=imperial
Processing 109: Current City: carnarvon
URL: http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=carnarvon&units=imperial
Processing 110: Current City: beni
URL: http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=beni&units=imperial
Processing 111: Current City: tiarei
URL: http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=tiarei&units=imperial
Processing 112: Current City: klaksvik
URL: http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=klaksvik&units=imperial
Processing 113: Current City: chokurdakh
URL: http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=chokurdakh&units=imperial
Processing 114: Current City: saint-philippe
URL: http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=saint-philippe&units=imperial
Processing 115: Current City:saleaula
weather data not found -excluded from list
Processing 116: Current City: camacha
URL: http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=camacha&units=imperial
Processing 117: Current City:nizhneyansk
weather data not found -excluded from list

Processing 118: Current City: kodiak
URL: <http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=kodiak&units=imperial>

Processing 119: Current City: luderitz
URL: <http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=luderitz&units=imperial>

Processing 120: Current City: esperance
URL: <http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=esperance&units=imperial>

Processing 121: Current City: aripuana
URL: <http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=aripuana&units=imperial>

Processing 122: Current City: verkhoyansk
URL: <http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=verkhoyansk&units=imperial>

Processing 123: Current City: bambous virieux
URL: [http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=bambous virieux&units=imperial](http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=bambous_virieux&units=imperial)

Processing 124: Current City: torbay
URL: <http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=torbay&units=imperial>

Processing 125: Current City: mahebourg
URL: <http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=mahebourg&units=imperial>

Processing 126: Current City: harper
URL: <http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=harper&units=imperial>

Processing 127: Current City: hilo
URL: <http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=hilo&units=imperial>

Processing 128: Current City: ponta do sol
URL: [http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=ponta do sol&units=imperial](http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=ponta_do_sol&units=imperial)

Processing 129: Current City: severo-kurilsk
URL: <http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=severo-kurilsk&units=imperial>

Processing 130: Current City: kavieng
URL: <http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=kavieng&units=imperial>

Processing 131: Current City: tagusao
URL: <http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=tagusao&units=imperial>

Processing 132: Current City: nome
URL: <http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=nome&units=imperial>

Processing 133: Current City: antofagasta
URL: <http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=antofagasta&units=imperial>

Processing 134: Current City: atuona
URL: <http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=atuona&units=imperial>

Processing 135: Current City: clyde river
URL: [http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=clyde river&units=imperial](http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=clyde_river&units=imperial)

Processing 136: Current City: gena
URL: <http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=gena&units=imperial>

Processing 137: Current City: poli
URL: http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=poli&units=imperial

Processing 138: Current City: kungurtug
URL: http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=kungurtug&units=imperial

Processing 139: Current City: cape town
URL: http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=cape town&units=imperial

Processing 140: Current City: kapaa
URL: http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=kapaa&units=imperial

Processing 141: Current City: mao
URL: http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=mao&units=imperial

Processing 142: Current City: havre-saint-pierre
URL: http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=havre-saint-pierre&units=imperial

Processing 143: Current City: puerto leguizamo
URL: http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=puerto leguizamo&units=imperial

Processing 144: Current City: sao felix do xingu
URL: http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=sao felix do xingu&units=imperial

Processing 145: Current City: ambon
URL: http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=ambon&units=imperial

Processing 146: Current City: marsaxlokk
URL: http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=marsaxlokk&units=imperial

Processing 147: Current City: lebu
URL: http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=lebu&units=imperial

Processing 148: Current City: aklavik
URL: http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=aklavik&units=imperial

Processing 149: Current City: warmbad
URL: http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=warmbad&units=imperial

Processing 150: Current City: poopo
URL: http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=poopo&units=imperial

Processing 151: Current City: arraial do cabo
URL: http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=arraial do cabo&units=imperial

Processing 152: Current City: campos
URL: http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=campos&units=imperial

Processing 153: Current City: krasnyy tekstilshchik
weather data not found -excluded from list

Processing 154: Current City: airai
URL: http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=airai&units=imperial

Processing 155: Current City: maradi
URL: http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=maradi&units=imperial

Processing 156: Current City: shitanjing

URL: <http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=shitanjing&units=imperial>
Processing 157: Current City: lagoa
URL: <http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=lagoa&units=imperial>
Processing 158: Current City: eureka
URL: <http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=eureka&units=imperial>
Processing 159: Current City: dikson
URL: <http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=dikson&units=imperial>
Processing 160: Current City: qandala
URL: <http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=qandala&units=imperial>
Processing 161: Current City: roma
URL: <http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=roma&units=imperial>
Processing 162: Current City: ponta delgada
URL: <http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=ponta delgada&units=imperial>
Processing 163: Current City: cuamba
URL: <http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=cuamba&units=imperial>
Processing 164: Current City: mahajanga
URL: <http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=mahajanga&units=imperial>
Processing 165: Current City: arlit
URL: <http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=arlit&units=imperial>
Processing 166: Current City: bac lieu
weather data not found -excluded from list
Processing 167: Current City: yulara
URL: <http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=yulara&units=imperial>
Processing 168: Current City: dubbo
URL: <http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=dubbo&units=imperial>
Processing 169: Current City: chauk
URL: <http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=chauk&units=imperial>
Processing 170: Current City: tigil
URL: <http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=tigil&units=imperial>
Processing 171: Current City: ler
URL: <http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=ler&units=imperial>
Processing 172: Current City: marawi
URL: <http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=marawi&units=imperial>
Processing 173: Current City: keskin
URL: <http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=keskin&units=imperial>
Processing 174: Current City: salalah
URL: <http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=salalah&units=imperial>
Processing 175: Current City: mapiri
URL: <http://api.openweathermap.org/data/2.5/weather?appid=3ec4>

af86a5b610c4a122e6ce000a87cd&q=mapiri&units=imperial
Processing 176: Current City: berlevag
URL: http://api.openweathermap.org/data/2.5/weather?appid=3ec4
af86a5b610c4a122e6ce000a87cd&q=berlevag&units=imperial
Processing 177: Current City: great falls
URL: http://api.openweathermap.org/data/2.5/weather?appid=3ec4
af86a5b610c4a122e6ce000a87cd&q=great falls&units=imperial
Processing 178: Current City: matay
URL: http://api.openweathermap.org/data/2.5/weather?appid=3ec4
af86a5b610c4a122e6ce000a87cd&q=matay&units=imperial
Processing 179: Current City: port elizabeth
URL: http://api.openweathermap.org/data/2.5/weather?appid=3ec4
af86a5b610c4a122e6ce000a87cd&q=port elizabeth&units=imperial
Processing 180: Current City: bunia
URL: http://api.openweathermap.org/data/2.5/weather?appid=3ec4
af86a5b610c4a122e6ce000a87cd&q=bunia&units=imperial
Processing 181: Current City: vostok
URL: http://api.openweathermap.org/data/2.5/weather?appid=3ec4
af86a5b610c4a122e6ce000a87cd&q=vostok&units=imperial
Processing 182: Current City: tuktoyaktuk
URL: http://api.openweathermap.org/data/2.5/weather?appid=3ec4
af86a5b610c4a122e6ce000a87cd&q=tuktoyaktuk&units=imperial
Processing 183: Current City: igrim
URL: http://api.openweathermap.org/data/2.5/weather?appid=3ec4
af86a5b610c4a122e6ce000a87cd&q=igrim&units=imperial
Processing 184: Current City: aykhal
URL: http://api.openweathermap.org/data/2.5/weather?appid=3ec4
af86a5b610c4a122e6ce000a87cd&q=aykhal&units=imperial
Processing 185: Current City: port blair
URL: http://api.openweathermap.org/data/2.5/weather?appid=3ec4
af86a5b610c4a122e6ce000a87cd&q=port blair&units=imperial
Processing 186: Current City: cidreira
URL: http://api.openweathermap.org/data/2.5/weather?appid=3ec4
af86a5b610c4a122e6ce000a87cd&q=cidreira&units=imperial
Processing 187: Current City: saint anthony
URL: http://api.openweathermap.org/data/2.5/weather?appid=3ec4
af86a5b610c4a122e6ce000a87cd&q=saint anthony&units=imperial
Processing 188: Current City: daman
URL: http://api.openweathermap.org/data/2.5/weather?appid=3ec4
af86a5b610c4a122e6ce000a87cd&q=daman&units=imperial
Processing 189: Current City: unye
weather data not found -excluded from list
Processing 190: Current City: avarua
URL: http://api.openweathermap.org/data/2.5/weather?appid=3ec4
af86a5b610c4a122e6ce000a87cd&q=avarua&units=imperial
Processing 191: Current City: egvekinot
URL: http://api.openweathermap.org/data/2.5/weather?appid=3ec4
af86a5b610c4a122e6ce000a87cd&q=egvekinot&units=imperial
Processing 192: Current City: belmonte
URL: http://api.openweathermap.org/data/2.5/weather?appid=3ec4
af86a5b610c4a122e6ce000a87cd&q=belmonte&units=imperial
Processing 193: Current City: sentyabrskiy
weather data not found -excluded from list
Processing 194: Current City: yirol
weather data not found -excluded from list
Processing 195: Current City: kastornoye
URL: http://api.openweathermap.org/data/2.5/weather?appid=3ec4

af86a5b610c4a122e6ce000a87cd&q=kastornoye&units=imperial
Processing 196: Current City: rio verde de mato grosso
URL: http://api.openweathermap.org/data/2.5/weather?appid=3ec4
af86a5b610c4a122e6ce000a87cd&q=rio verde de mato grosso&units=imperial
Processing 197: Current City: gushikawa
URL: http://api.openweathermap.org/data/2.5/weather?appid=3ec4
af86a5b610c4a122e6ce000a87cd&q=gushikawa&units=imperial
Processing 198: Current City: ishigaki
URL: http://api.openweathermap.org/data/2.5/weather?appid=3ec4
af86a5b610c4a122e6ce000a87cd&q=ishigaki&units=imperial
Processing 199: Current City: barahona
URL: http://api.openweathermap.org/data/2.5/weather?appid=3ec4
af86a5b610c4a122e6ce000a87cd&q=barahona&units=imperial
Processing 200: Current City: rawson
URL: http://api.openweathermap.org/data/2.5/weather?appid=3ec4
af86a5b610c4a122e6ce000a87cd&q=rawson&units=imperial
Processing 201: Current City: labuan
URL: http://api.openweathermap.org/data/2.5/weather?appid=3ec4
af86a5b610c4a122e6ce000a87cd&q=labuan&units=imperial
Processing 202: Current City: katsuura
URL: http://api.openweathermap.org/data/2.5/weather?appid=3ec4
af86a5b610c4a122e6ce000a87cd&q=katsuura&units=imperial
Processing 203: Current City: palia kalan
URL: http://api.openweathermap.org/data/2.5/weather?appid=3ec4
af86a5b610c4a122e6ce000a87cd&q=palia kalan&units=imperial
Processing 204: Current City: port hardy
URL: http://api.openweathermap.org/data/2.5/weather?appid=3ec4
af86a5b610c4a122e6ce000a87cd&q=port hardy&units=imperial
Processing 205: Current City: poya
URL: http://api.openweathermap.org/data/2.5/weather?appid=3ec4
af86a5b610c4a122e6ce000a87cd&q=poya&units=imperial
Processing 206: Current City: tommot
URL: http://api.openweathermap.org/data/2.5/weather?appid=3ec4
af86a5b610c4a122e6ce000a87cd&q=tommot&units=imperial
Processing 207: Current City: turayf
URL: http://api.openweathermap.org/data/2.5/weather?appid=3ec4
af86a5b610c4a122e6ce000a87cd&q=turayf&units=imperial
Processing 208: Current City: aporawan
weather data not found -excluded from list
Processing 209: Current City: hasaki
URL: http://api.openweathermap.org/data/2.5/weather?appid=3ec4
af86a5b610c4a122e6ce000a87cd&q=hasaki&units=imperial
Processing 210: Current City: san quintin
URL: http://api.openweathermap.org/data/2.5/weather?appid=3ec4
af86a5b610c4a122e6ce000a87cd&q=san quintin&units=imperial
Processing 211: Current City: boma
URL: http://api.openweathermap.org/data/2.5/weather?appid=3ec4
af86a5b610c4a122e6ce000a87cd&q=boma&units=imperial
Processing 212: Current City: hithadhoo
URL: http://api.openweathermap.org/data/2.5/weather?appid=3ec4
af86a5b610c4a122e6ce000a87cd&q=hithadhoo&units=imperial
Processing 213: Current City: camapua
URL: http://api.openweathermap.org/data/2.5/weather?appid=3ec4
af86a5b610c4a122e6ce000a87cd&q=camapua&units=imperial
Processing 214: Current City: port lincoln
URL: http://api.openweathermap.org/data/2.5/weather?appid=3ec4
af86a5b610c4a122e6ce000a87cd&q=port lincoln&units=imperial

Processing 215: Current City: hamilton
URL: <http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=hamilton&units=imperial>

Processing 216: Current City: vangaindrano
URL: <http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=vangaindrano&units=imperial>

Processing 217: Current City: gladstone
URL: <http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=gladstone&units=imperial>

Processing 218: Current City: ribeira grande
URL: <http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=ribeira grande&units=imperial>

Processing 219: Current City: vila franca do campo
URL: <http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=vila franca do campo&units=imperial>

Processing 220: Current City: port-gentil
URL: <http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=port-gentil&units=imperial>

Processing 221: Current City: motupe
URL: <http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=motupe&units=imperial>

Processing 222: Current City: rio grande
URL: <http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=rio grande&units=imperial>

Processing 223: Current City: plock
URL: <http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=plock&units=imperial>

Processing 224: Current City: fort nelson
URL: <http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=fort nelson&units=imperial>

Processing 225: Current City: cabinda
URL: <http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=cabinda&units=imperial>

Processing 226: Current City: ye
weather data not found -excluded from list

Processing 227: Current City: leonidovo
URL: <http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=leonidovo&units=imperial>

Processing 228: Current City: selikhino
URL: <http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=selikhino&units=imperial>

Processing 229: Current City: flagstaff
URL: <http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=flagstaff&units=imperial>

Processing 230: Current City: souillac
URL: <http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=souillac&units=imperial>

Processing 231: Current City: the valley
URL: <http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=the valley&units=imperial>

Processing 232: Current City: hunza
weather data not found -excluded from list

Processing 233: Current City: sobolevo
URL: <http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=sobolevo&units=imperial>

Processing 234: Current City: thaba-tseka
URL: <http://api.openweathermap.org/data/2.5/weather?appid=3ec4>

af86a5b610c4a122e6ce000a87cd&q=thaba-tseka&units=imperial
Processing 235: Current City: naze
URL: http://api.openweathermap.org/data/2.5/weather?appid=3ec4
af86a5b610c4a122e6ce000a87cd&q=naze&units=imperial
Processing 236: Current City: mandera
URL: http://api.openweathermap.org/data/2.5/weather?appid=3ec4
af86a5b610c4a122e6ce000a87cd&q=mandera&units=imperial
Processing 237: Current City: asau
weather data not found -excluded from list
Processing 238: Current City: gasigiannnguit
URL: http://api.openweathermap.org/data/2.5/weather?appid=3ec4
af86a5b610c4a122e6ce000a87cd&q=gasigiannnguit&units=imperial
Processing 239: Current City: palmas bellas
URL: http://api.openweathermap.org/data/2.5/weather?appid=3ec4
af86a5b610c4a122e6ce000a87cd&q=palmas bellas&units=imperial
Processing 240: Current City: lamu
URL: http://api.openweathermap.org/data/2.5/weather?appid=3ec4
af86a5b610c4a122e6ce000a87cd&q=lamu&units=imperial
Processing 241: Current City: geelong
URL: http://api.openweathermap.org/data/2.5/weather?appid=3ec4
af86a5b610c4a122e6ce000a87cd&q=geelong&units=imperial
Processing 242: Current City: pampa
URL: http://api.openweathermap.org/data/2.5/weather?appid=3ec4
af86a5b610c4a122e6ce000a87cd&q=pampa&units=imperial
Processing 243: Current City: ahipara
URL: http://api.openweathermap.org/data/2.5/weather?appid=3ec4
af86a5b610c4a122e6ce000a87cd&q=ahipara&units=imperial
Processing 244: Current City: ust-uda
URL: http://api.openweathermap.org/data/2.5/weather?appid=3ec4
af86a5b610c4a122e6ce000a87cd&q=ust-uda&units=imperial
Processing 245: Current City: kutum
URL: http://api.openweathermap.org/data/2.5/weather?appid=3ec4
af86a5b610c4a122e6ce000a87cd&q=kutum&units=imperial
Processing 246: Current City: adrar
URL: http://api.openweathermap.org/data/2.5/weather?appid=3ec4
af86a5b610c4a122e6ce000a87cd&q=adrar&units=imperial
Processing 247: Current City: boulder city
URL: http://api.openweathermap.org/data/2.5/weather?appid=3ec4
af86a5b610c4a122e6ce000a87cd&q=boulder city&units=imperial
Processing 248: Current City: kaeo
URL: http://api.openweathermap.org/data/2.5/weather?appid=3ec4
af86a5b610c4a122e6ce000a87cd&q=kaeo&units=imperial
Processing 249: Current City: barmer
URL: http://api.openweathermap.org/data/2.5/weather?appid=3ec4
af86a5b610c4a122e6ce000a87cd&q=barmer&units=imperial
Processing 250: Current City: xai-xai
URL: http://api.openweathermap.org/data/2.5/weather?appid=3ec4
af86a5b610c4a122e6ce000a87cd&q=xai-xai&units=imperial
Processing 251: Current City: faya
URL: http://api.openweathermap.org/data/2.5/weather?appid=3ec4
af86a5b610c4a122e6ce000a87cd&q=faya&units=imperial
Processing 252: Current City: fairbanks
URL: http://api.openweathermap.org/data/2.5/weather?appid=3ec4
af86a5b610c4a122e6ce000a87cd&q=fairbanks&units=imperial
Processing 253: Current City: plouzane
URL: http://api.openweathermap.org/data/2.5/weather?appid=3ec4
af86a5b610c4a122e6ce000a87cd&q=plouzane&units=imperial

Processing 254: Current City: komsomolets
URL: <http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=komsomolets&units=imperial>

Processing 255: Current City: srebrenik
URL: <http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=srebrenik&units=imperial>

Processing 256: Current City: harindanga
URL: <http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=harindanga&units=imperial>

Processing 257: Current City: samusu
weather data not found -excluded from list

Processing 258: Current City: yar-sale
URL: <http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=yar-sale&units=imperial>

Processing 259: Current City: tasiilaq
URL: <http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=tasiilaq&units=imperial>

Processing 260: Current City: uruzgan
URL: <http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=uruzgan&units=imperial>

Processing 261: Current City: laguna
URL: <http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=laguna&units=imperial>

Processing 262: Current City: erzin
URL: <http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=erzin&units=imperial>

Processing 263: Current City: toumodi
URL: <http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=toumodi&units=imperial>

Processing 264: Current City: bankja
weather data not found -excluded from list

Processing 265: Current City: gbadolite
URL: <http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=gbadolite&units=imperial>

Processing 266: Current City: ramnagar
URL: <http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=ramnagar&units=imperial>

Processing 267: Current City: shimoda
URL: <http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=shimoda&units=imperial>

Processing 268: Current City: bilma
URL: <http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=bilma&units=imperial>

Processing 269: Current City: letlhakeng
URL: <http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=letlhakeng&units=imperial>

Processing 270: Current City: la ronge
URL: <http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=la ronge&units=imperial>

Processing 271: Current City: muros
URL: <http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=muros&units=imperial>

Processing 272: Current City: valleyview
URL: <http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=valleyview&units=imperial>

Processing 273: Current City: santa maria
URL: <http://api.openweathermap.org/data/2.5/weather?appid=3ec4>

af86a5b610c4a122e6ce000a87cd&q=santa maria&units=imperial
Processing 274: Current City: kankakee
URL: http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=kankakee&units=imperial
Processing 275: Current City: grindavik
URL: http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=grindavik&units=imperial
Processing 276: Current City: lahiij
URL: http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=lahij&units=imperial
Processing 277: Current City: okhotsk
URL: http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=okhotsk&units=imperial
Processing 278: Current City: pangnirtung
URL: http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=pangnirtung&units=imperial
Processing 279: Current City: torring
URL: http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=torring&units=imperial
Processing 280: Current City: palmer
URL: http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=palmer&units=imperial
Processing 281: Current City: leningradskiy
URL: http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=leningradskiy&units=imperial
Processing 282: Current City: tapanatepec
weather data not found -excluded from list
Processing 283: Current City: moa
URL: http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=moa&units=imperial
Processing 284: Current City: poso
URL: http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=poso&units=imperial
Processing 285: Current City: shchors
URL: http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=shchors&units=imperial
Processing 286: Current City: raudeberg
URL: http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=raudeberg&units=imperial
Processing 287: Current City: stornoway
weather data not found -excluded from list
Processing 288: Current City: bandar
URL: http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=bandar&units=imperial
Processing 289: Current City: comodoro rivadavia
URL: http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=comodoro rivadavia&units=imperial
Processing 290: Current City: cap malheureux
URL: http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=cap malheureux&units=imperial
Processing 291: Current City: victoria
URL: http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=victoria&units=imperial
Processing 292: Current City: timizart
URL: http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=timizart&units=imperial
Processing 293: Current City: jacmel

URL: <http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=jacmel&units=imperial>
Processing 294: Current City: jabiru
weather data not found -excluded from list
Processing 295: Current City: pevek
URL: <http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=pevek&units=imperial>
Processing 296: Current City: codrington
URL: <http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=codrington&units=imperial>
Processing 297: Current City: anadyr
URL: <http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=anadyr&units=imperial>
Processing 298: Current City: hargeysa
URL: <http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=hargeysa&units=imperial>
Processing 299: Current City: oussouye
URL: <http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=oussouye&units=imperial>
Processing 300: Current City: pacifica
URL: <http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=pacifica&units=imperial>
Processing 301: Current City: puerto madero
URL: <http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=puerto madero&units=imperial>
Processing 302: Current City: veraval
URL: <http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=veraval&units=imperial>
Processing 303: Current City: coquimbo
URL: <http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=coquimbo&units=imperial>
Processing 304: Current City: fortuna
URL: <http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=fortuna&units=imperial>
Processing 305: Current City: alzamay
URL: <http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=alzamay&units=imperial>
Processing 306: Current City: zhigansk
URL: <http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=zhigansk&units=imperial>
Processing 307: Current City: nhulunbuy
URL: <http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=nhulunbuy&units=imperial>
Processing 308: Current City: hay river
URL: <http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=hay river&units=imperial>
Processing 309: Current City: westport
URL: <http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=westport&units=imperial>
Processing 310: Current City: rodrigues alves
URL: <http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=rodrigues alves&units=imperial>
Processing 311: Current City: khani
URL: <http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=khani&units=imperial>
Processing 312: Current City: honningsvag
URL: <http://api.openweathermap.org/data/2.5/weather?appid=3ec4>

af86a5b610c4a122e6ce000a87cd&q=honningsvag&units=imperial
Processing 313: Current City:attawapiskat
weather data not found -excluded from list
Processing 314: Current City: vilhena
URL: http://api.openweathermap.org/data/2.5/weather?appid=3ec4
af86a5b610c4a122e6ce000a87cd&q=vilhena&units=imperial
Processing 315: Current City: miandrivazo
URL: http://api.openweathermap.org/data/2.5/weather?appid=3ec4
af86a5b610c4a122e6ce000a87cd&q=miandrivazo&units=imperial
Processing 316: Current City: champerico
URL: http://api.openweathermap.org/data/2.5/weather?appid=3ec4
af86a5b610c4a122e6ce000a87cd&q=champerico&units=imperial
Processing 317: Current City: contamana
URL: http://api.openweathermap.org/data/2.5/weather?appid=3ec4
af86a5b610c4a122e6ce000a87cd&q=contamana&units=imperial
Processing 318: Current City:warqla
weather data not found -excluded from list
Processing 319: Current City: hangu
URL: http://api.openweathermap.org/data/2.5/weather?appid=3ec4
af86a5b610c4a122e6ce000a87cd&q=hangu&units=imperial
Processing 320: Current City: san cristobal
URL: http://api.openweathermap.org/data/2.5/weather?appid=3ec4
af86a5b610c4a122e6ce000a87cd&q=san cristobal&units=imperial
Processing 321: Current City: soyo
URL: http://api.openweathermap.org/data/2.5/weather?appid=3ec4
af86a5b610c4a122e6ce000a87cd&q=soyo&units=imperial
Processing 322: Current City: broome
URL: http://api.openweathermap.org/data/2.5/weather?appid=3ec4
af86a5b610c4a122e6ce000a87cd&q=broome&units=imperial
Processing 323: Current City: poum
URL: http://api.openweathermap.org/data/2.5/weather?appid=3ec4
af86a5b610c4a122e6ce000a87cd&q=poum&units=imperial
Processing 324: Current City: ilulissat
URL: http://api.openweathermap.org/data/2.5/weather?appid=3ec4
af86a5b610c4a122e6ce000a87cd&q=ilulissat&units=imperial
Processing 325: Current City: dobson
URL: http://api.openweathermap.org/data/2.5/weather?appid=3ec4
af86a5b610c4a122e6ce000a87cd&q=dobson&units=imperial
Processing 326: Current City: mirnyy
URL: http://api.openweathermap.org/data/2.5/weather?appid=3ec4
af86a5b610c4a122e6ce000a87cd&q=mirnyy&units=imperial
Processing 327: Current City:kranoselkup
weather data not found -excluded from list
Processing 328: Current City: tambilil
URL: http://api.openweathermap.org/data/2.5/weather?appid=3ec4
af86a5b610c4a122e6ce000a87cd&q=tambilil&units=imperial
Processing 329: Current City: george
URL: http://api.openweathermap.org/data/2.5/weather?appid=3ec4
af86a5b610c4a122e6ce000a87cd&q=george&units=imperial
Processing 330: Current City: watertown
URL: http://api.openweathermap.org/data/2.5/weather?appid=3ec4
af86a5b610c4a122e6ce000a87cd&q=watertown&units=imperial
Processing 331: Current City: abu samrah
URL: http://api.openweathermap.org/data/2.5/weather?appid=3ec4
af86a5b610c4a122e6ce000a87cd&q=abu samrah&units=imperial
Processing 332: Current City:bengkulu
weather data not found -excluded from list

Processing 333: Current City: talcahuano
URL: http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=talcahuano&units=imperial

Processing 334: Current City: juneau
URL: http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=juneau&units=imperial

Processing 335: Current City: williston
URL: http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=williston&units=imperial

Processing 336: Current City: launceston
URL: http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=launceston&units=imperial

Processing 337: Current City: mizan teferi
URL: http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=mizan teferi&units=imperial

Processing 338: Current City: kibala
URL: http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=kibala&units=imperial

Processing 339: Current City: sungairaya
URL: http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=sungairaya&units=imperial

Processing 340: Current City: north bend
URL: http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=north bend&units=imperial

Processing 341: Current City: fukue
URL: http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=fukue&units=imperial

Processing 342: Current City: hovd
URL: http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=hovd&units=imperial

Processing 343: Current City: east london
URL: http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=east london&units=imperial

Processing 344: Current City: san roque
URL: http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=san roque&units=imperial

Processing 345: Current City:tsihombe
weather data not found -excluded from list

Processing 346: Current City:asilah
weather data not found -excluded from list

Processing 347: Current City:tostamaa
weather data not found -excluded from list

Processing 348: Current City: parrita
URL: http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=parrita&units=imperial

Processing 349: Current City: kovdor
URL: http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=kovdor&units=imperial

Processing 350: Current City: singapore
URL: http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=singapore&units=imperial

Processing 351: Current City: kharitonovo
URL: http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=kharitonovo&units=imperial

Processing 352: Current City: tyazhinskiy
URL: http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=tyazhinskiy&units=imperial

Processing 353: Current City:maykain
weather data not found -excluded from list

Processing 354: Current City: santiago del estero
URL: <http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=santiago del estero&units=imperial>

Processing 355: Current City: mareeba
URL: <http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=mareeba&units=imperial>

Processing 356: Current City: marion
URL: <http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=marion&units=imperial>

Processing 357: Current City: algiers
URL: <http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=algiers&units=imperial>

Processing 358: Current City: san ignacio
URL: <http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=san ignacio&units=imperial>

Processing 359: Current City: garowe
URL: <http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=garowe&units=imperial>

Processing 360: Current City:maneadero
weather data not found -excluded from list

Processing 361: Current City: cayenne
URL: <http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=cayenne&units=imperial>

Processing 362: Current City: kapit
URL: <http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=kapit&units=imperial>

Processing 363: Current City: astana
URL: <http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=astana&units=imperial>

Processing 364: Current City: pacasmayo
URL: <http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=pacasmayo&units=imperial>

Processing 365: Current City: leshukonskoye
URL: <http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=leshukonskoye&units=imperial>

Processing 366: Current City: bethel
URL: <http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=bethel&units=imperial>

Processing 367: Current City: port macquarie
URL: <http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=port macquarie&units=imperial>

Processing 368: Current City:brestovat
weather data not found -excluded from list

Processing 369: Current City: karratha
URL: <http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=karratha&units=imperial>

Processing 370: Current City: chumphon
URL: <http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=chumphon&units=imperial>

Processing 371: Current City: khandyga
URL: <http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=khandyga&units=imperial>

Processing 372: Current City: bilibino
URL: <http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=bilibino&units=imperial>

Processing 373: Current City:marcona
weather data not found -excluded from list

Processing 374: Current City: bozoum
URL: <http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=bozoum&units=imperial>

Processing 375: Current City: muncar
URL: <http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=muncar&units=imperial>

Processing 376: Current City: burnie
URL: <http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=burnie&units=imperial>

Processing 377: Current City: zhanaozen
URL: <http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=zhanaozen&units=imperial>

Processing 378: Current City: bazarnyye matak
URL: <http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=bazarnyye matak&units=imperial>

Processing 379: Current City: vandoeuvre-les-nancy
URL: <http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=vandoeuvre-les-nancy&units=imperial>

Processing 380: Current City: kudahuvadhoo
URL: <http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=kudahuvadhoo&units=imperial>

Processing 381: Current City: kalmunai
URL: <http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=kalmunai&units=imperial>

Processing 382: Current City:samalaeulu
weather data not found -excluded from list

Processing 383: Current City: novo aripuana
URL: <http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=novo aripuana&units=imperial>

Processing 384: Current City: itarema
URL: <http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=itarema&units=imperial>

Processing 385: Current City: ferrol
URL: <http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=ferrol&units=imperial>

Processing 386: Current City: aranos
URL: <http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=aranos&units=imperial>

Processing 387: Current City: sao joao da barra
URL: <http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=sao joao da barra&units=imperial>

Processing 388: Current City: bani
URL: <http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=bani&units=imperial>

Processing 389: Current City: groningen
URL: <http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=groningen&units=imperial>

Processing 390: Current City:kisogawa
weather data not found -excluded from list

Processing 391: Current City: vagamo
URL: <http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=vagamo&units=imperial>

Processing 392: Current City: tuatapere
URL: <http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=tuatapere&units=imperial>

Processing 393: Current City: campina grande
URL: http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=campina grande&units=imperial

Processing 394: Current City: lubbock
URL: http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=lubbock&units=imperial

Processing 395: Current City: brownfield
URL: http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=brownfield&units=imperial

Processing 396: Current City: akhmeta
URL: http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=akhmeta&units=imperial

Processing 397: Current City: acarau
weather data not found -excluded from list

Processing 398: Current City: dillon
URL: http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=dillon&units=imperial

Processing 399: Current City: hofn
URL: http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=hofn&units=imperial

Processing 400: Current City: young
URL: http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=young&units=imperial

Processing 401: Current City: vao
URL: http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=vao&units=imperial

Processing 402: Current City: fukuma
URL: http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=fukuma&units=imperial

Processing 403: Current City: hun
URL: http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=hun&units=imperial

Processing 404: Current City: saint-augustin
URL: http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=saint-augustin&units=imperial

Processing 405: Current City: umzimvubu
weather data not found -excluded from list

Processing 406: Current City: vanimo
URL: http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=vanimo&units=imperial

Processing 407: Current City: rockford
URL: http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=rockford&units=imperial

Processing 408: Current City: karakose
weather data not found -excluded from list

Processing 409: Current City: marathon
URL: http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=marathon&units=imperial

Processing 410: Current City: tomatlan
URL: http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=tomatlan&units=imperial

Processing 411: Current City: progreso
URL: http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=progreso&units=imperial

Processing 412: Current City: wankaner
URL: http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=wankaner&units=imperial

Processing 413: Current City: vitim
URL: http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=vitim&units=imperial

Processing 414: Current City: lorengau
URL: http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=lorengau&units=imperial

Processing 415: Current City: saint-joseph
URL: http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=saint-joseph&units=imperial

Processing 416: Current City: norman wells
URL: http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=norman wells&units=imperial

Processing 417: Current City: yanan
weather data not found -excluded from list

Processing 418: Current City: kankan
URL: http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=kankan&units=imperial

Processing 419: Current City: uncia
URL: http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=uncia&units=imperial

Processing 420: Current City: kresttsy
URL: http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=kresttsy&units=imperial

Processing 421: Current City: leo
URL: http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=leo&units=imperial

Processing 422: Current City: henderson
URL: http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=henderson&units=imperial

Processing 423: Current City: enid
URL: http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=enid&units=imperial

Processing 424: Current City: marzuq
URL: http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=marzuq&units=imperial

Processing 425: Current City: mahadday weyne
weather data not found -excluded from list

Processing 426: Current City: helena
URL: http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=helena&units=imperial

Processing 427: Current City: chara
URL: http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=chara&units=imperial

Processing 428: Current City: grand river south east
weather data not found -excluded from list

Processing 429: Current City: tamandare
URL: http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=tamandare&units=imperial

Processing 430: Current City: de aar
URL: http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=de aar&units=imperial

Processing 431: Current City: hami
URL: http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=hami&units=imperial

Processing 432: Current City: batagay
URL: http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=batagay&units=imperial

Processing 433: Current City: san jeronimo
URL: [http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=san jeronimo&units=imperial](http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=san+jeronimo&units=imperial)

Processing 434: Current City: goderich
URL: <http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=goderich&units=imperial>

Processing 435: Current City: belaya gora
URL: [http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=belaya gora&units=imperial](http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=belaya+gora&units=imperial)

Processing 436: Current City: sibolga
URL: <http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=sibolga&units=imperial>

Processing 437: Current City: phan rang
weather data not found -excluded from list

Processing 438: Current City: mangai
URL: <http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=mangai&units=imperial>

Processing 439: Current City: west bay
URL: [http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=west bay&units=imperial](http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=west+bay&units=imperial)

Processing 440: Current City: galgani
weather data not found -excluded from list

Processing 441: Current City: chokwe
weather data not found -excluded from list

Processing 442: Current City: sur
URL: <http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=sur&units=imperial>

Processing 443: Current City: kahului
URL: <http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=kahului&units=imperial>

Processing 444: Current City: juba
URL: <http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=juba&units=imperial>

Processing 445: Current City: skjervoy
URL: <http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=skjervoy&units=imperial>

Processing 446: Current City: kirensk
URL: <http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=kirensk&units=imperial>

Processing 447: Current City: folldal
URL: <http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=folldal&units=imperial>

Processing 448: Current City: buraydah
URL: <http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=buraydah&units=imperial>

Processing 449: Current City: yarada
URL: <http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=yarada&units=imperial>

Processing 450: Current City: oranjemund
URL: <http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=oranjemund&units=imperial>

Processing 451: Current City: geraldton
URL: <http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=geraldton&units=imperial>

Processing 452: Current City: mudyuga
weather data not found -excluded from list

Processing 453: Current City: birao

URL: <http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=birao&units=imperial>
Processing 454: Current City: coroico
URL: <http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=coroico&units=imperial>
Processing 455: Current City: haines junction
URL: <http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=haines junction&units=imperial>
Processing 456: Current City: ust-kamchatsk
weather data not found -excluded from list
Processing 457: Current City: matongo
URL: <http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=matongo&units=imperial>
Processing 458: Current City: ayan
URL: <http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=ayan&units=imperial>
Processing 459: Current City: dhidhdhoo
URL: <http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=dhidhdhoo&units=imperial>
Processing 460: Current City: ko samui
URL: <http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=ko samui&units=imperial>
Processing 461: Current City: svetlogorsk
URL: <http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=svetlogorsk&units=imperial>
Processing 462: Current City: trairi
URL: <http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=trairi&units=imperial>
Processing 463: Current City: iqaluit
URL: <http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=iqaluit&units=imperial>
Processing 464: Current City: shahrud
URL: <http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=shahrud&units=imperial>
Processing 465: Current City: crib point
URL: <http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=crib point&units=imperial>
Processing 466: Current City: san policarpo
URL: <http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=san policarpo&units=imperial>
Processing 467: Current City: aljezur
URL: <http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=aljezur&units=imperial>
Processing 468: Current City: bontang
URL: <http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=bontang&units=imperial>
Processing 469: Current City: killam
URL: <http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=killam&units=imperial>
Processing 470: Current City: sabha
URL: <http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=sabha&units=imperial>
Processing 471: Current City:kosh
weather data not found -excluded from list
Processing 472: Current City: taywarah
URL: <http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=taywarah&units=imperial>

Processing 473: Current City: beyneu
URL: <http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=beyneu&units=imperial>

Processing 474: Current City: dori
URL: <http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=dori&units=imperial>

Processing 475: Current City: zaozerne
URL: <http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=zaozerne&units=imperial>

Processing 476: Current City: san juan del sur
URL: [http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=san juan del sur&units=imperial](http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=san%20juan%20del%20sur&units=imperial)

Processing 477: Current City: burgeo
URL: <http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=burgeo&units=imperial>

Processing 478: Current City: dunayivtsi
weather data not found -excluded from list

Processing 479: Current City: joyabaj
URL: <http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=joyabaj&units=imperial>

Processing 480: Current City: chapada dos guimaraes
URL: [http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=chapada dos guimaraes&units=imperial](http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=chapada%20dos%20guimaraes&units=imperial)

Processing 481: Current City: korla
weather data not found -excluded from list

Processing 482: Current City: gallup
URL: <http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=gallup&units=imperial>

Processing 483: Current City: toamasina
URL: <http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=toamasina&units=imperial>

Processing 484: Current City: atambua
URL: <http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=atambua&units=imperial>

Processing 485: Current City: de panne
URL: [http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=de panne&units=imperial](http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=de%20panne&units=imperial)

Processing 486: Current City: lakatoro
URL: <http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=lakatoro&units=imperial>

Processing 487: Current City: marv dasht
weather data not found -excluded from list

Processing 488: Current City: capitao poco
URL: [http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=capitao poco&units=imperial](http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=capitao%20poco&units=imperial)

Processing 489: Current City: praya
URL: <http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=praya&units=imperial>

Processing 490: Current City: richmond
URL: <http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=richmond&units=imperial>

Processing 491: Current City: lata
URL: <http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=lata&units=imperial>

Processing 492: Current City: osmaniye
URL: <http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=osmaniye&units=imperial>

Processing 493: Current City: sambava
URL: http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=sambava&units=imperial

Processing 494: Current City: buzmeyin
URL: http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=buzmeyin&units=imperial

Processing 495: Current City: vestmannaeyjar
URL: http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=vestmannaeyjar&units=imperial

Processing 496: Current City: perth
URL: http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=perth&units=imperial

Processing 497: Current City: kinablangan
URL: http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=kinablangan&units=imperial

Processing 498: Current City: bathsheba
URL: http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=bathsheba&units=imperial

Processing 499: Current City: padang
URL: http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=padang&units=imperial

Processing 500: Current City: taperoa
URL: http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=taperoa&units=imperial

Processing 501: Current City: tezu
URL: http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=tezu&units=imperial

Processing 502: Current City: mayumba
URL: http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=mayumba&units=imperial

Processing 503: Current City: vieira de leiria
URL: http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=vieira de leiria&units=imperial

Processing 504: Current City: kiama
URL: http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=kiama&units=imperial

Processing 505: Current City: pacific grove
URL: http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=pacific grove&units=imperial

Processing 506: Current City: srednekolymsk
URL: http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=srednekolymsk&units=imperial

Processing 507: Current City: tsuyama
URL: http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=tsuyama&units=imperial

Processing 508: Current City: avera
URL: http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=avera&units=imperial

Processing 509: Current City: zabaykalsk
URL: http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=zabaykalsk&units=imperial

Processing 510: Current City: hurghada
weather data not found -excluded from list

Processing 511: Current City: derzhavinsk
URL: http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=derzhavinsk&units=imperial

Processing 512: Current City: mehamn

URL: <http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=mehamn&units=imperial>
Processing 513: Current City: la rioja
URL: <http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=la rioja&units=imperial>
Processing 514: Current City: valley station
URL: <http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=valley station&units=imperial>
Processing 515: Current City: mandurah
URL: <http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=mandurah&units=imperial>
Processing 516: Current City: port keats
URL: <http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=port keats&units=imperial>
Processing 517: Current City: shalinskoye
URL: <http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=shalinskoye&units=imperial>
Processing 518: Current City: rongcheng
URL: <http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=rongcheng&units=imperial>
Processing 519: Current City: panjab
URL: <http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=panjab&units=imperial>
Processing 520: Current City: nemyriv
URL: <http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=nemyriv&units=imperial>
Processing 521: Current City: bumba
URL: <http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=bumba&units=imperial>
Processing 522: Current City: tubuala
URL: <http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=tubuala&units=imperial>
Processing 523: Current City:mrirt
weather data not found -excluded from list
Processing 524: Current City: hrymayliv
URL: <http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=hrymayliv&units=imperial>
Processing 525: Current City: thinadhoo
URL: <http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=thinadhoo&units=imperial>
Processing 526: Current City: okha
URL: <http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=okha&units=imperial>
Processing 527: Current City:mys shmidta
weather data not found -excluded from list
Processing 528: Current City: puerto escondido
URL: <http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=puerto escondido&units=imperial>
Processing 529: Current City: mwene-ditu
URL: <http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=mwene-ditu&units=imperial>
Processing 530: Current City: talnakh
URL: <http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=talnakh&units=imperial>
Processing 531: Current City: wagar
URL: <http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=wagar&units=imperial>

Processing 532: Current City: el campo
URL: [http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=el campo&units=imperial](http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=el%20campo&units=imperial)

Processing 533: Current City: khapa
URL: <http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=khapa&units=imperial>

Processing 534: Current City: skalistyy
weather data not found -excluded from list

Processing 535: Current City: monywa
URL: <http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=monywa&units=imperial>

Processing 536: Current City: kieta
URL: <http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=kieta&units=imperial>

Processing 537: Current City: kati
URL: <http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=kati&units=imperial>

Processing 538: Current City: deputatskiy
URL: <http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=deputatskiy&units=imperial>

Processing 539: Current City: quatre cocos
URL: [http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=quatre cocos&units=imperial](http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=quatre%20cocos&units=imperial)

Processing 540: Current City: demba
URL: <http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=demba&units=imperial>

Processing 541: Current City: chernyshevskiy
URL: <http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=chernyshevskiy&units=imperial>

Processing 542: Current City: husavik
URL: <http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=husavik&units=imperial>

Processing 543: Current City: carutapera
URL: <http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=carutapera&units=imperial>

Processing 544: Current City: sitges
URL: <http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=sitges&units=imperial>

Processing 545: Current City: barentsburg
weather data not found -excluded from list

Processing 546: Current City: kurumkan
URL: <http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=kurumkan&units=imperial>

Processing 547: Current City: dicabisagan
URL: <http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=dicabisagan&units=imperial>

Processing 548: Current City: bubaque
URL: <http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=bubaque&units=imperial>

Processing 549: Current City: tarko-sale
URL: <http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=tarko-sale&units=imperial>

Processing 550: Current City: tumanny
weather data not found -excluded from list

Processing 551: Current City: menongue
URL: <http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=menongue&units=imperial>

Processing 552: Current City: broken hill
URL: [http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=broken hill&units=imperial](http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=broken%20hill&units=imperial)

Processing 553: Current City: komsomolskiy
URL: <http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=komsomolskiy&units=imperial>

Processing 554: Current City: santa fe
URL: [http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=santa fe&units=imperial](http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=santa%20fe&units=imperial)

Processing 555: Current City: troitskoye
URL: <http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=troitskoye&units=imperial>

Processing 556: Current City: olafsvik
weather data not found -excluded from list

Processing 557: Current City: portland
URL: <http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=portland&units=imperial>

Processing 558: Current City: grenfell
URL: <http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=grenfell&units=imperial>

Processing 559: Current City: tromso
URL: <http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=tromso&units=imperial>

Processing 560: Current City: iberia
URL: <http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=iberia&units=imperial>

Processing 561: Current City: tefe
URL: <http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=tefe&units=imperial>

Processing 562: Current City: mbanza-ngungu
URL: <http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=mbanza-ngungu&units=imperial>

Processing 563: Current City: nova esperanca
URL: [http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=nova esperanca&units=imperial](http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=nova%20esperanca&units=imperial)

Processing 564: Current City: high level
URL: [http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=high level&units=imperial](http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=high%20level&units=imperial)

Processing 565: Current City: palabuhanratu
weather data not found -excluded from list

Processing 566: Current City: karauzyak
weather data not found -excluded from list

Processing 567: Current City: ondorhaan
weather data not found -excluded from list

Processing 568: Current City: pelileo
URL: <http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=pelileo&units=imperial>

Processing 569: Current City: dangriga
URL: <http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=dangriga&units=imperial>

Processing 570: Current City: sarangani
URL: <http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=sarangani&units=imperial>

Processing 571: Current City: kayunga
URL: <http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=kayunga&units=imperial>

Processing 572: Current City: kushikino

URL: http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=kushikino&units=imperial
Processing 573: Current City: sol-iletsk
URL: http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=sol-iletsk&units=imperial
Processing 574: Current City: chabahar
URL: http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=chabahar&units=imperial
Processing 575: Current City: takestan
URL: http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=takestan&units=imperial
Processing 576: Current City: luis correia
URL: http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=luis correia&units=imperial
Processing 577: Current City:pemangkat
weather data not found -excluded from list
Processing 578: Current City: umm lajj
URL: http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=umm lajj&units=imperial
Processing 579: Current City: baicheng
URL: http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=baicheng&units=imperial
Processing 580: Current City: leon
URL: http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=leon&units=imperial
Processing 581: Current City: abalak
URL: http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=abalak&units=imperial
Processing 582: Current City: bemidji
URL: http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=bemidji&units=imperial
Processing 583: Current City: cabra
URL: http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=cabra&units=imperial
Processing 584: Current City: sola
URL: http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=sola&units=imperial
Processing 585: Current City: winneba
URL: http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=winneba&units=imperial
Processing 586: Current City: redcliffe
URL: http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=redcliffe&units=imperial
Processing 587: Current City:utiroa
weather data not found -excluded from list
Processing 588: Current City: gizo
URL: http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=gizo&units=imperial
Processing 589: Current City: palu
URL: http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=palu&units=imperial
Processing 590: Current City: praia
URL: http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=praia&units=imperial
Processing 591: Current City: hadejia
URL: http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=hadejia&units=imperial

Processing 592: Current City: tautira
URL: http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=tautira&units=imperial
Processing 593: Current City: taseyevo
URL: http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=taseyevo&units=imperial
Processing 594: Current City: mount gambier
URL: http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=mount gambier&units=imperial
Processing 595: Current City: astara
URL: http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=astara&units=imperial
Processing 596: Current City: guerrero negro
URL: http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=guerrero negro&units=imperial
Processing 597: Current City: dzhebariki-khaya
URL: http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=dzhebariki-khaya&units=imperial
Processing 598: Current City: santa isabel do rio negro
URL: http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=santa isabel do rio negro&units=imperial
Processing 599: Current City: freeport
URL: http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=freeport&units=imperial
Processing 600: Current City: nelson bay
URL: http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=nelson bay&units=imperial
Processing 601: Current City: ajdabiya
URL: http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=ajdabiya&units=imperial
Processing 602: Current City: petropavlovsk-kamchatskiy
URL: http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=petropavlovsk-kamchatskiy&units=imperial
Processing 603: Current City: kloulklubed
URL: http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=kloulklubed&units=imperial
Processing 604: Current City: yenagoa
URL: http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=yenagoa&units=imperial
Processing 605: Current City: gorontalo
URL: http://api.openweathermap.org/data/2.5/weather?appid=3ec4af86a5b610c4a122e6ce000a87cd&q=gorontalo&units=imperial
City API calls complete

In [6]: *#debug peek at the data retrieved*

```
#print(f"The latitude information received is: {lat}")  
#print(f"The maximum temperature information received is: {temp}")  
#print(f"The longitude information received is: {long}")  
#print(f"The final list of cities where data was retrieved is: {final_cities}")  
#print(f"The humidity information received is: {hum}")  
#print(f"The cloud information received is: {cloud}")
```

```
In [7]: #debug

#check the list size because equal size lists make the DataFrame constructor happy
print(len(lat))
print(len(long))
print(len(temp))
print(len(hum))
print(len(final_cities))
print(len(excluded_cities))

539
539
539
539
539
67
```

Convert Raw Data to DataFrame

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

```
In [8]: #NOTE: There is a design consideration here: Can either write to a CSV
        and
        #read that into a DataFrame OR create a DataFrame from the available lists
        and use pandas
        #to write to a CSV from the dataframe.
        #End result is the same, I opted to make the Dataframe first because .to
        CSV() method is more intuitive

        #dataframe constructor

weather_df = pd.DataFrame({"City": final_cities,
                           "Latitude": lat,
                           "Longitude": long,
                           "Temp": temp,
                           "Humidity": hum,
                           "Clouds": cloud,
                           "Wind": wind })

weather_df.head()
```

Out[8]:

	City	Latitude	Longitude	Temp	Humidity	Clouds	Wind
0	rikitea	-23.12	-134.97	75.93	79	19	2.37
1	tongren	27.72	109.18	76.11	78	100	10.60
2	verkhnevilyuysk	63.45	120.31	67.83	34	40	6.40
3	jamestown	-33.21	138.60	55.23	45	0	9.13
4	qaanaaq	77.48	-69.36	22.65	91	98	2.89

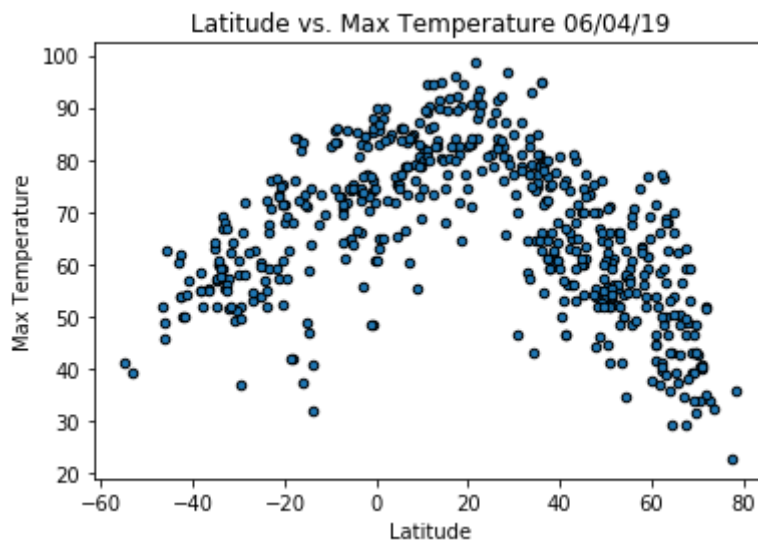
```
In [9]: weather_df.to_csv(output_data_file) #write file to CSV in the same directory
```

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.

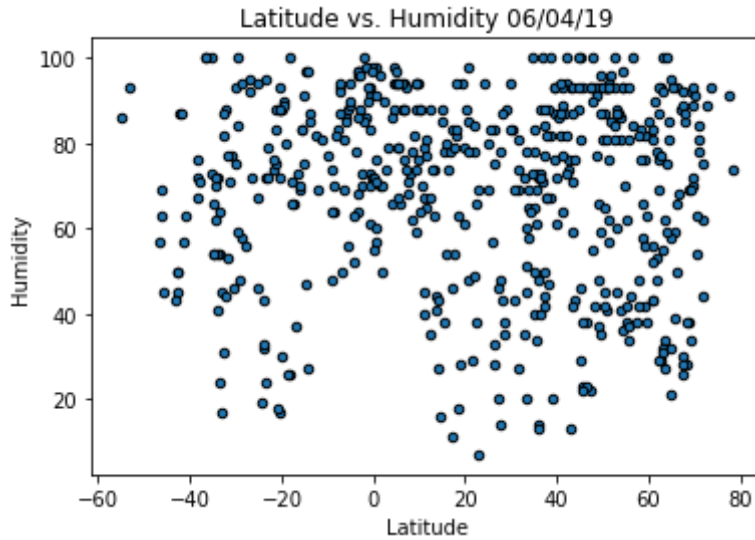
Latitude vs. Temperature Plot

```
In [10]: weather_df.plot(kind='scatter',x='Latitude',y='Temp', marker="o", edgecolors="black")  
plt.title("Latitude vs. Max Temperature " + str(time.strftime("%x")))  
plt.xlabel("Latitude")  
plt.ylabel("Max Temperature")  
plt.savefig("./LAT_TEMP_BG.png")  
plt.show()
```



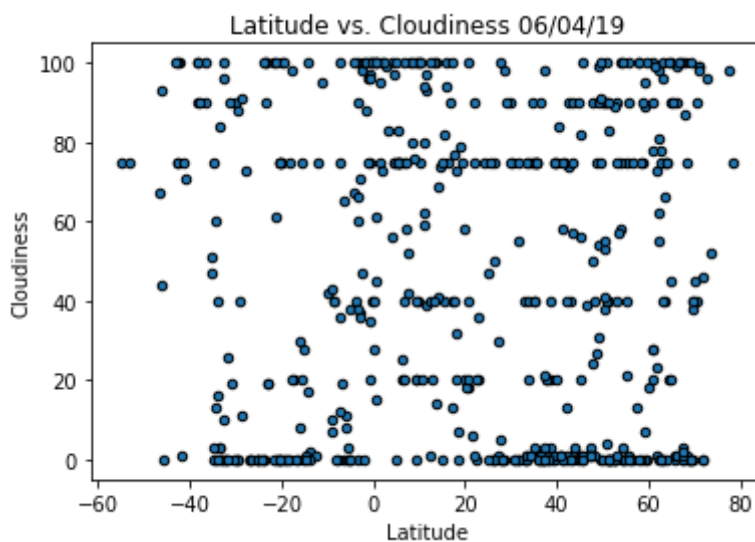
Latitude vs. Humidity Plot

```
In [11]: weather_df.plot(kind='scatter',x='Latitude',y='Humidity', marker="o", ed
gecolors="black")
plt.title("Latitude vs. Humidity " + str(time.strftime("%x")))
plt.xlabel("Latitude")
plt.ylabel("Humidity")
plt.savefig("./LAT_HUM_BG.png")
plt.show()
```



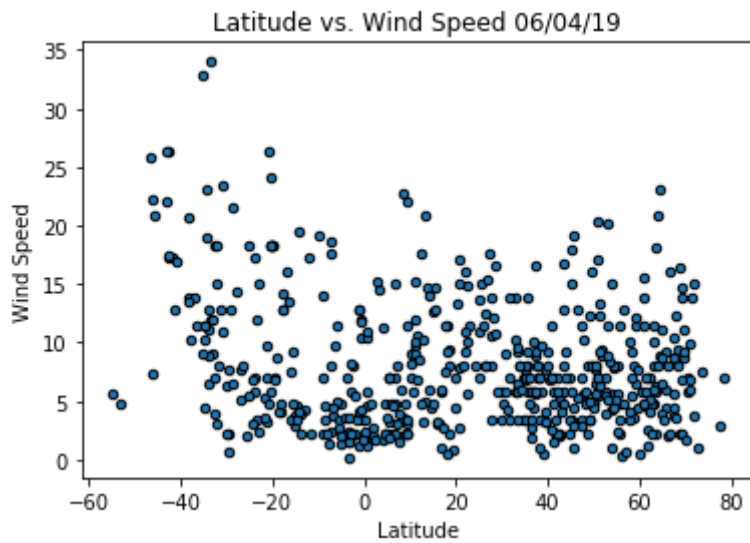
Latitude vs. Cloudiness Plot

```
In [12]: weather_df.plot(kind='scatter',x='Latitude', y='Clouds', marker="o", edg
ecolors="black")
plt.title("Latitude vs. Cloudiness " + str(time.strftime("%x")))
plt.xlabel("Latitude")
plt.ylabel("Cloudiness")
plt.savefig("./LAT_CLOUD_BG.png")
plt.show()
```



Latitude vs. Wind Speed Plot

```
In [13]: weather_df.plot(kind='scatter',x='Latitude', y='Wind', marker="o", edgecolors="black")
plt.title("Latitude vs. Wind Speed " + str(time.strftime("%x")))
plt.xlabel("Latitude")
plt.ylabel("Wind Speed")
plt.savefig("./LAT_WIND_BG.png")
plt.show()
```



In []: