**Current day**

http://api.openweathermap.org/data/2.5/weather?units=imperial&q=denver&appid=**cad1a2ecb6a3fa2256d10992dbd96291**

**formula**

api.openweathermap.org/data/2.5/weather?q={city name}&appid=[{API key}](https://home.openweathermap.org/api_keys)

**5 day forcast**

api.openweathermap.org/data/2.5/forecast?units=imperial&q=Denver&appid=**cad1a2ecb6a3fa2256d10992dbd96291**

**formula**

api.openweathermap.org/data/2.5/forecast?q={city name}&appid=[{API key}](https://home.openweathermap.org/api_keys)

**UV index**

<http://api.openweathermap.org/data/2.5/uvi?lat=39.74&lon=-104.98&appid=cad1a2ecb6a3fa2256d10992dbd96291>

**formula**

http://api.openweathermap.org/data/2.5/uvi?lat={lat}&lon={lon}&appid=[{API key}](https://home.openweathermap.org/api_keys)

---------------------------------------------------------------------

Current day

var 1 = <http://api.openweathermap.org/data/2.5/>

var 2 = user input

var 3 = &appid=**cad1a2ecb6a3fa2256d10992dbd96291**

**Current day + 5 day forcast**

<https://api.openweathermap.org/data/2.5/onecall?units=imperial&lat=39.74&lon=-104.98>&exclude=minutely&alerts&hourly&appid=**cad1a2ecb6a3fa2256d10992dbd96291**

https://api.openweathermap.org/data/2.5/onecall?units=imperial&lat={lat}&lon={lon}&exclude={part}&appid=[{API key}](https://home.openweathermap.org/api_keys)