Figure 4-1 shows the part of the URL to note for future use.
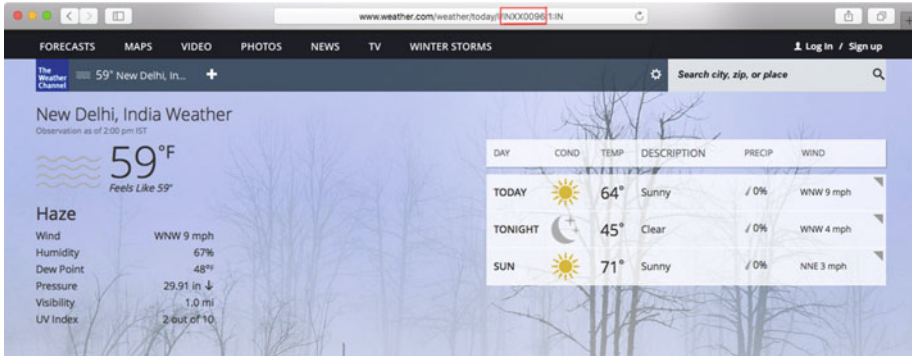

Figure 4-1. *Getting a city code at weather.com*

Here, INXX0096 is the city code required by the pywapi module. Let's log this information in the profile.yaml file:

```
city_code:
  INXX0096
```

Now it is time to import this piece of information into the main.py file, which you do by adding the following line of code:

```
city_code = profile_data['city_code']
```

You also need to pass this information to the logical engine (a.k.a. the brain), so the brain() function in the main() function must be modified as well in main.py:

```
brain(name, speech_text, city_name, city_code)
```

Before diving into brain.py to make the edits there, first create a file named weather.py in the GreyMatter folder and add the following code to it:

```
import pywapi

from SenseCells.tts import tts

def weather(city_name, city_code):
    weather_com_result = pywapi.get_weather_from_weather_com(city_code)
    weather_result = "Weather.com says: It is " + weather_com_
    result['current_conditions']['text'].lower() + " and " + weather_com_
    result['current_conditions']['temperature'] + "degree celcius now in " +
    city_name

    tts(weather_result)
```