

eBird-1.1-HotspotGeoReference

- [Description](#)
- [URL](#)
- [Parameter Descriptions](#)
- [Result Fields](#)
 - [Example Responses](#)
 - [CSV](#)
 - [XML](#)
- [Caching Information](#)

Description

This can be used in two different ways:

- get a list of [eBird hotspots](#) near the given latitude and longitude. Leave off the "back" parameter in your request to return all hotspots, regardless of whether they have bird observations.
- get a list of [eBird hotspots](#) near the given latitude and longitude *that have recent sightings*. Include the "back" parameter in your request to filter hotspot list based on "recent" observations..

This is part of the [eBird version 1.1 API](#).

URL

Base URL

<http://ebird.org/ws1.1/ref/hotspot/geo>

Examples

Minimal:

<http://ebird.org/ws1.1/ref/hotspot/geo?lat=42.46&lng=-71.25>

Fully specified:

<http://ebird.org/ws1.1/ref/hotspot/geo?lng=-76.51&lat=42.46&dist=2&back=5&fmt=xml>

Parameter Descriptions

| Parameter Name | Required | Default | Value Options | Example Value | Description |
|----------------|----------|---------|--------------------------|---------------|--|
| lat | yes | | -90.00 - 90.00 decimal | 42.46 | decimal latitude, two decimal places of precision required |
| lng | yes | | -180.00 - 180.00 decimal | -76.51 | decimal longitude, two decimal places of precision required |
| dist | | 25 | 0 - 50 integer | 15 | distance defining area of interest from given lat/lng in kilometers |
| back | | | 1 - 30 integer | 7 | the number of days back to look for sightings; all nearby hotspots are returned if this parameter is not present |
| fmt | | csv | csv, xml | csv | format of the response |

Result Fields

| Field (XML) | Description |
|-------------------|----------------------------|
| loc-id | unique id for the location |
| country-code | country ISO code |
| subnational1-code | state/province ISO code |
| subnational2-code | county code |
| lat | latitude of the location |
| lng | longitude of the location |
| loc-name | location name |

Example Responses

CSV

```
L269709,US,US-NV,US-NV-031,39.5384031,-119.8360348,"Lake Park, Reno"  
L124349,US,US-NV,US-NV-031,39.645836,-119.83723,Lemmon Valley Marsh  
L124350,US,US-NV,US-NV-031,39.500583,-119.80673,Virginia Lake  
L125288,US,US-NV,US-NV-031,39.305553,-119.90611,Ophir Trail
```

XML

```
<response>
  <header>
    <locale country="" language="en"/>
    <timestamp>
      2009-06-24T10:42:47.647-04:00
    </timestamp>
    <criteria>
      <fmt>
        xml
      </fmt>
      <lat>
        42.46
      </lat>
      <lng>
        -76.51
      </lng>
    </criteria>
  </header>
  <result>
    <location>
      <loc-id>
        L124349
      </loc-id>
      <country-code>
        US
      </country-code>
      <subnational1-code>
        US-NV
      </subnational1-code>
      <lng>
        -119.83723
      </lng>
      <lat>
        39.645836
      </lat>
      <subnational2-code>
        US-NV-031
      </subnational2-code>
      <loc-name>
        Lemmon Valley Marsh
      </loc-name>
    </location>
    <location>
      <loc-id>
        L124350
      </loc-id>
      <country-code>
        US
      </country-code>
      <subnational1-code>
        US-NV
      </subnational1-code>
      <lng>
        -119.80673
      </lng>
      <lat>
        39.500583
      </lat>
      <subnational2-code>
        US-NV-031
      </subnational2-code>
      <loc-name>
        Virginia Lake
      </loc-name>
    </location>
  </result>
</response>
```

Caching Information

For details on caching of results by our servers, see [eBird-1.1-CacheInformation](#)

Unknown macro: {import}