

eBird-1.0-HotSpot

eBird Hot Spot List - Version 1.0

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Summary

Get a list of [eBird hotspots](#), for a state or for a country. The [eBird Hot Spots Examples](#) page contains links for this API for each state and province in the US and Canada.

API

URI	description	status	notes
ws1.0/data/hotspot/list?countryCode=<2-letter ISO country code>	Return list of hotspots found in the given country	coded and deployed	
ws1.0/data/hotspot/list?subnational1Code=<subnational1 code>	Return list of hotspots names found in the given "state"	coded and deployed	

parameter	required	default	value options	description	status
countryCode	one of countryCode or subnational1Code is required	n/a		see AKN-1.0-Country	coded and deployed
subnational1Code	one of countryCode or subnational1Code is required	n/a		see AKN-1.0-Subnational1	coded and deployed
format	no	csv	csv, xml	format to use for response; this parameter is case sensitive	coded and deployed

Test URLs

Development URL	Deployed URL	Expected Response	Notes
http://ebird.org/ws1.0/data/hotspot/list?countryCode=		empty list in CSV format	
http://ebird.org/ws1.0/data/hotspot/list?countryCode=US	http://ebird.org/ws1.0/data/hotspot/list?countryCode=US	list in CSV format	Country code in uppercase is valid.
http://ebird.org/ws1.0/data/hotspot/list?countryCode=us		empty list in CSV format	Country code in lowercase is invalid.
http://ebird.org/ws1.0/data/hotspot/list?countryCode=US&format=xml	http://ebird.org/ws1.0/data/hotspot/list?countryCode=US&format=xml	list in XML format	
http://ebird.org/ws1.0/data/hotspot/list?countryCode=US&format=csv		list in CSV format	
http://ebird.org/ws1.0/data/hotspot/list?countryCode=US&format=XML		list in CSV format	"XML" is not a valid format option. Only "xml" and "csv" are valid options. An invalid option will default to "csv" format.
http://ebird.org/ws1.0/data/hotspot/list?countryCode=US&format=qqq		list in CSV format	Bad format value is ignored and defaults to "csv".
http://ebird.org/ws1.0/data/hotspot/list?subnational1Code=		empty list in CSV format	
http://ebird.org/ws1.0/data/hotspot/list?subnational1Code=US-FL	http://ebird.org/ws1.0/data/hotspot/list?subnational1Code=US-FL	list in CSV format	Subnational1 code in uppercase is valid.
http://ebird.org/ws1.0/data/hotspot/list?subnational1Code=us-fl		empty list in CSV format	Subnational1 code in lowercase is invalid.
http://ebird.org/ws1.0/data/hotspot/list?subnational1Code=US-FL&format=xml	http://ebird.org/ws1.0/data/hotspot/list?subnational1Code=US-FL&format=xml	list in XML format	

Caching

Responses to this API are cached up to 24 hours on our servers. Because of this, API consumers might see inconsistencies between various calls submitted at the same time (e.g. a particular US-VA hot spot is included in the response to a request for all the US-VA hot spots, but it is not included in a request submitted at the same time listing all the US hot spots). In the XML response format, the time stamp in the header section shows the time that the response was originally created, and so API consumers can see the age of the particular response.

CSV Result Format

```
<loc ID>, <country code>, <subnational1 code>, <latitude>, <longitude>, "<name>"
<loc ID>, <country code>, <subnational1 code>, <latitude>, <longitude>, "<name>"
<loc ID>, <country code>, <subnational1 code>, <latitude>, <longitude>, "<name>"
<loc ID>, <country code>, <subnational1 code>, <latitude>, <longitude>, "<name>"
```

Example

```
L453718, US, US-RI, 41.3302, -71.8375, "Avondale Farm"
L231740, US, US-RI, 41.4496915, -71.3987547, "Beavertail State Park"
L466297, US, US-RI, 41.3202, -71.8303, "Big Maschaug Pond, Watch Hill"
L490189, US, US-RI, 41.3623801, -71.4880371, "Camp Cronin"
L487743, US, US-RI, 41.8591418, -71.3376617, "Central Pond Reservoir"
L466303, US, US-RI, 41.3571, -71.6374, "Charlestown Breachway"
L166174, US, US-RI, 41.49133, -71.292656, "Easton Pond"
L487669, US, US-RI, 41.7074586, -71.6359663, "Flat River Reservoir"
L357306, US, US-RI, 41.9668934, -71.5573883, "Fort Refuge"
L384479, US, US-RI, 41.4743419, -71.3398933, "Ft. Adams State Park"
```

XML Result Format

Example

```
<?xml version="1.0" encoding="UTF-8"?>
<response>
  <header>
    <locale country="US" language="en" />
    <timestamp>2008-07-25T10:54:16.432-04:00</timestamp>
    <criteria>
      <property id="subnational1Code" value="US-RI" description="Rhode Island" />
    </criteria>
    <comment/>
  </header>
  <result>
    <hotspot>
      <loc-id>L453718</loc-id>
      <location>Avondale Farm</location>
      <longitude>-71.8375</longitude>
      <latitude>41.3302</latitude>
      <subnational1-code>US-RI</subnational1-code>
      <country-code>US</country-code>
    </hotspot>
    <hotspot>
      <loc-id>L231740</loc-id>
      <location>Beavertail State Park</location>
      <longitude>-71.3987547</longitude>
      <latitude>41.4496915</latitude>
      <subnational1-code>US-RI</subnational1-code>
      <country-code>US</country-code>
    </hotspot>
  </result>
</response>
```

Potential Improvements

- Add summary info to each record:
 - # of checklists per hotspot
- Add KML format option to produce GoogleEarth/Map compatible files.

Unknown macro: {import}