**eBird-1.1-RecentNearbyObservations**

**Recent eBird Observations Made Nearby a Location - Version 1.1**

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**Description**

Returns the most recent sighting date and specific location for each species of bird reported within the number of days specified by the "back" parameter and reported in the specified area.

This is part of the eBird version 1.1 API.

**URL**

**Base URL**

http://ebird.org/ws1.1/data/obs/geo/recent

**Examples**

**Minimal:**

http://ebird.org/ws1.1/data/obs/geo/recent?lng=-76.51&lat=42.46

**Fully specified:**

http://ebird.org/ws1.1/data/obs/geo/recent?lng=-76.51&lat=42.46&dist=2&back=5&maxResults=500&locale=en_US&fmt=json

**Parameter Descriptions**

<table>
<thead>
<tr>
<th>Parameter Name</th>
<th>Required</th>
<th>Default</th>
<th>Value Options</th>
<th>Example Value</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>lat</td>
<td>yes</td>
<td>-90.00 - 90.00 decimal</td>
<td>42.46</td>
<td>decimal latitude, two decimal places of precision required</td>
<td></td>
</tr>
<tr>
<td>lng</td>
<td>yes</td>
<td>-180.00 - 180.00 decimal</td>
<td>-76.51</td>
<td>decimal longitude, two decimal places of precision required</td>
<td></td>
</tr>
<tr>
<td>dist</td>
<td>25</td>
<td>0 - 50 integer</td>
<td>15</td>
<td>distance defining radius of interest from given lat/lng in kilometers</td>
<td></td>
</tr>
<tr>
<td>back</td>
<td>14</td>
<td>1 - 30 integer</td>
<td>7</td>
<td>the number of days back to look for observations</td>
<td></td>
</tr>
<tr>
<td>maxResults</td>
<td></td>
<td>0 - 10000 integer</td>
<td>10</td>
<td>the maximum number of result rows to return in this request; to get all results do not include this parameter</td>
<td></td>
</tr>
<tr>
<td>locale</td>
<td></td>
<td>en_US, Java standard locale codes, fr_CA, etc.</td>
<td>en_US, Locale.html</td>
<td>Language/locale of response (when translations are available). See <a href="http://java.sun.com/javase/6/docs/api/java/util/Locale.html">http://java.sun.com/javase/6/docs/api/java/util/Locale.html</a></td>
<td></td>
</tr>
<tr>
<td>fmt</td>
<td></td>
<td>xml, json</td>
<td>json</td>
<td>format of the response</td>
<td></td>
</tr>
<tr>
<td>includeProvisional</td>
<td>false</td>
<td>true,false</td>
<td>false</td>
<td>set to true if you’d like flagged records that have not yet been reviewed to be included in the results</td>
<td></td>
</tr>
<tr>
<td>hotspot</td>
<td>false</td>
<td>true, false</td>
<td>false</td>
<td>set to true if results should be limited to sightings at birding hotspots</td>
<td></td>
</tr>
</tbody>
</table>

**Simple Result Fields**
<table>
<thead>
<tr>
<th>Field (JSON)</th>
<th>Field (XML)</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>comName</td>
<td>com-name</td>
<td>species common name. not included in the 'simple' detail if a scientific name was specified as an input parameter</td>
</tr>
<tr>
<td>sciName</td>
<td>sci-name</td>
<td>species scientific name. not included in the 'simple' detail if a scientific name was specified as an input parameter</td>
</tr>
<tr>
<td>obsDt</td>
<td>obs-dt</td>
<td>observation date formatted according to ISO 8601 (e.g. 'YYYY-MM-DD', or 'YYYY-MM-DD hh:mm'). Hours and minutes are excluded if the observer did not report an observation time.</td>
</tr>
<tr>
<td>howMany</td>
<td>how-many</td>
<td>The number observed. Not included if only presence was noted</td>
</tr>
<tr>
<td>locID</td>
<td>loc-id</td>
<td>unique identifier for the location</td>
</tr>
<tr>
<td>locationPrivate</td>
<td>location-private</td>
<td>'true' if location is not a birding hotspot. ‘false’ otherwise</td>
</tr>
<tr>
<td>locName</td>
<td>loc-name</td>
<td>location name</td>
</tr>
<tr>
<td>lat</td>
<td>lat</td>
<td>latitude of the location</td>
</tr>
<tr>
<td>lng</td>
<td>lng</td>
<td>longitude of the location</td>
</tr>
<tr>
<td>obsReviewed</td>
<td>obs-reviewed</td>
<td>'true' if obs has been reviewed. ‘false’ otherwise</td>
</tr>
<tr>
<td>obsValid</td>
<td>obs-valid</td>
<td>'true' if obs has been deemed valid by either the automatic filters or a regional reviewer. ‘false’ otherwise</td>
</tr>
</tbody>
</table>

**Example Responses**

**XML**

```xml
<?xml version="1.0" encoding="UTF-8"?>
<response>
  <header>
    <locale country="US" language="en"/>
    <timestamp>
      2009-07-01T10:29:53.035-04:00
    </timestamp>
    <criteria>
      <command>
        <fmt>xml</fmt>
        <include-provisional>true</include-provisional>
        <r>L99381</r>
        <back>30</back>
        <max-results>500</max-results>
        <detail>simple</detail>
      </command>
    </criteria>
  </header>
</response>
```
<result>
  <sighting>
    <loc-id>
      L99381
    </loc-id>
    <obs-dt>
      2009-06-24 17:00
    </obs-dt>
    <obs-reviewed>
      false
    </obs-reviewed>
    <obs-valid>
      true
    </obs-valid>
    <loc-name>
      Stewart Park
    </loc-name>
    <how-many>
      1
    </how-many>
    <lat>
      42.4613266
    </lat>
    <lng>
      -76.5059255
    </lng>
    <com-name>
      Barn Swallow
    </com-name>
    <sci-name>
      Hirundo rustica
    </sci-name>
  </sighting>
</result>
Special Conditions and Error Handling

If there are validation problems with the input parameters the response will have an appropriate HTTP status code (e.g., 400) and details of the problem will be provided in the result format requested (JSON or XML).

Error Responses

XML
The response will include a simple array containing details of the problems encountered:
Current List of Error Messages

This list may change or be added to at any time. Items in brackets will be specified at the time the message is received.

```json
[
  {
    "errorMsg": "The maximum number of days back is 30",
    "errorCode": "error.data.too_many_back"
  }
]
```

Caching Information

For details on caching of results by our servers, see eBird-1.1-CacheInformation

Unknown macro: {import}