

<pre><?xml version="1.0" encoding=" UTF-8"?> <!DOCTYPE response PUBLIC "/Avian Knowledge Network //DTD COVAR_SPAT 1.0/EN" "http://akn.ornith.cornell.edu/dtd /covar_spat_1_0.dtd"> <response> <header> <locale country="US" language=" en"/> <timestamp>2009-05-06T07:31: 23.017-04:00</timestamp> <criteria/> <copyright>Copyright 2009 Cornell Lab of Ornithology - http:// www.birds.cornell.edu< /copyright> <data-policy>AKN Data Sharing Policy - http://www. avianknowledge.net/content /about/akn-data-sharing-policy< /data-policy> <comment>COVAR_SPAT data response for PLAND< /comment> </header> <result> <covar-spat global-unique- ident="URN:catalog:HMANA: HawkCount:1476880" decimal- latitude="42.0666667" decimal- longitude="-83.1936944"> <covar-fragstat-class> <data-record> <attribute-data> <field-name>RADIUS</field- name> <field-value>75</field-value> </attribute-data> <attribute-data> <field-name>CLASS</field- name> <field-value>21</field-value> </attribute-data> <attribute-data> <field-name>PLAND</field- name> <field-value>84</field-value> </attribute-data> </data-record> <data-record> <attribute-data> <field-name>RADIUS</field- name> <field-value>75</field-value> </attribute-data> <attribute-data> <field-name>CLASS</field- name> <field-value>23</field-value> </attribute-data> <attribute-data> <field-name>PLAND</field- name> <field-value>16</field-value> </attribute-data> </data-record> ... </covar-fragstat-class> </covar-spat> </result> </response></pre>	<p>Header information includes the AKN COVAR_SPAT DTD</p> <p>The timestamp of the response</p> <p>A copyright element</p> <p>The AKN data sharing policy element</p> <p>A comment element</p> <p>The <covar-spat> element will contain decimal_latitude and decimal_longitude attributes from the request parameters, as well as a global-unique-ident attribute if the data request was based on a GlobalUniqueID.</p> <p>The data listing is a series of <tableName> elements containing <data-record> elements. (Each <tableName> element identifies the name of the particular source table from which the data was pulled.) The <data-record> element contains 1 <attribute-data> element if the request was for a specific layer value, and N <attribute-data> elements if the request was for the contents of the entire table. The <attribute-data> contains the <field-name>, and <field-value> elements. If the <field-value> is a data range, i.e. precipitation and some temperature attributes are expressed as a range, the <attribute-data> will include a <field-value-description> element containing the actual data range string for the value (See the discussion about data range in the /ws1.0/ref/covar/metadata request.)</p> <p>Reference DTD for XML schema details http://akn.ornith.cornell.edu/dtd/covar_spat_1_0.dtd</p>
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Response to a mal-formed find request

Example Value	Description
<pre><?xml version="1.0" encoding="UTF-8"?> <!DOCTYPE response PUBLIC "-//Avian Knowledge Network//DTD COVAR_SPAT 1.0/EN" "http://akn. ornith.cornell.edu/dtd/covar_spat_1_0.dtd"> <response> <header> <locale country="US" language="en"/> <timestamp>2009-05-08T07:38:51.347-04:00</timestamp> <criteria/> <copyright>Copyright 2009 Cornell Lab of Ornithology - http://www.birds.cornell.edu</copyright> <data-policy>AKN Data Sharing Policy - http://www.avianknowledge.net/content/about/akn-data- sharing-policy</data-policy> <comment>Malformed Request. Request must include a global unique identifier or lat/lon parameters.< /comment> </header> <result/> </response></pre>	<p>Header information includes the AKN COVAR_SPAT DTD</p> <p>The timestamp of the response</p> <p>A copyright element</p> <p>The AKN data sharing policy element</p> <p>A comment element</p> <p>The comment states that required parameters were missing or empty.</p> <p>Reference DTD for XML schema details http://akn.ornith.cornell.edu/dtd/covar_spat_1_0.dtd</p>

CSV Result Formats

Response to a well-formed find request

Description	Name	Line Number	Format	Example Value
Status	Status	1	Text terminated by a newline	DATA
Header	Copyright	2	Text terminated by a newline	Copyright 2009 Cornell Lab of Ornithology http://www.birds.cornell.edu
	Data Policy	3	Text terminated by a newline	AKN Data Sharing Policy http://www.avianknowledge.net/content/about/akn-data-sharing-policy
	Request Parameters	4	Text terminated by a newline	REQUEST PARAMETERS=decLon=-123.0766368&decLat=44.0430722&format=csv
	Number of records returned	5	Text terminated by a newline	RECORD COUNT=536
Separator	Blank Line	6	newline	
Field Listing	Field Listing	7	Comma separated text terminated by a newline	FIELD NAME, FIELD VALUE, FIELD VALUE DESCRIPTION, RADIUS, CLASS
Field data	Field data	8 to end of data	Comma separated text terminated by a newline	CAUS_PREC0101, 7, G 5.01 - 10.00 , CAUS_PREC0102, 6, F 3.01 - 5.00 , , CAUS_PREC0103, 6, F 3.01 - 5.00 , , ... PLAND, 68, , 75, 22 PD, 44.4444, , 75, 22 ED, 160, , 75, 22 ...

Response to a mal-formed find request

Description	Name	Line Number	Format	Example Value
Status	Status	1	Text terminated by a newline	ERROR
Header	Request Parameters	2	Text terminated by a newline	REQUEST PARAMETERS=decLon=-123.0766368
	Errors	3 - N	Text terminated by a newline	Malformed request. Request must include a global unique identifier or lat/lon parameters.
Separator	Blank Line	N + 1	newline	