

stations

Description

The station service allows users to retrieve station information across all of the networks.

URL

<http://dmas.uvic.ca/api/stations>

Method	Description	Example
getTree	Get a hierarchical tree structure of stations, station codes, and their device categories.	method=getTree

getTree

Get a hierarchical tree structure of stations, station codes, and their device categories across all networks.

Parameters

Parameter	Value	Description	Example
Required			
There are no required parameters.			
Optional			
None			

Response

Success

```
[
  {
    "deviceCategories": [],
    "els": [
      {
        "description": "<div>Way up North</div>", // description property removed when description
value is null
        "deviceCategories": [],
        "els": [
          {
            "description": "<div>Instrumentation located at the end of a dock.</div>",
            "deviceCategories": [
              "CTD",
              "ICEPROFILER",
              "METSTN"
            ],
            "els": [],
            "id": 88,
            "name": "Dock",
            "siteDeviceIds": [
              119202,
              119199,
              119200
            ],
            "stationCode": "CBDCK",
            "type": 10
          }
        ],
        "id": 84,
        "name": "Cambridge Bay",
        "siteDeviceIds": [],
        "stationCode": "CB",
        "type": 10
      }
    ],
    "id": 82,
    "name": "Arctic Observatory by Location",
    "siteDeviceIds": [],
    "stationCode": "KRSTA",
    "type": 10
  }
]
```

Property	Type	Description	Example		
description	string	A description of the station	Cambridge Bay, Victoria Island, NU		
<ac:structured-macro ac:name="unmigrated-wiki-markup" ac:schema-version="1" ac:macro-id="3bb9bf50-9edc-4002-bf12-e4b8ec8a5ab9"><ac:plain-text-body><![CDATA[	deviceCategories	array	An array of device category code strings	["CTD","ICEPROFILER","METSTN"]	]]></ac:plain-text-body></ac:structured-macro>
<ac:structured-macro ac:name="unmigrated-wiki-markup" ac:schema-version="1" ac:macro-id="390050a7-eab5-4e5e-b7c8-6d6533f28bc6"><ac:plain-text-body><![CDATA[	els	array	Array of child nodes	[JSONObject]	]]></ac:plain-text-body></ac:structured-macro>
id	integer	The resource ID of the node.	123456		
name	string	The name of the station.	"Cambridge Bay"		
<ac:structured-macro ac:name="unmigrated-wiki-markup" ac:schema-version="1" ac:macro-id="d4f91d8f-14f9-41b4-ae20-b5195bf1e653"><ac:plain-text-body><![CDATA[	siteDeviceIds	array	An array of integers	[119202,119199,119200]	]]></ac:plain-text-body></ac:structured-macro>
stationCode	string	The unique code for the station	"CB"		
type	integer	The resource type of the node. All nodes in this structure are of type 10.	10		

Failure

See [External Web Services Standards](#)

Example

Show all stations, with searchable devices

<http://dmas.uvic.ca/api/stations?method=getTree&token=SAMPLETOKEN123456789>

<http://dmas.uvic.ca/api/stations?method=getList&showHidden=true&token=SAMPLETOKEN123456789>

