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U.S. Geological Survey  
May 11, 2022

# USGS CONFIGURATION DEPOT UPDATE

## FEEDBACK ADDRESSED

1. STATE CHANGED FROM “CONTAINS” TEXT SEARCH TO PICK-LIST
2. SEARCH FOR “VIRGINIA” NOW RETURNS ONLY “VIRGINIA” AND NOT ALSO “WEST VIRGINIA”
3. ADDED URL ~SEARCHING

# HOME PAGE

 An official website of the United States government [Here's how you know](#) 



## Configuration Depot

### About

The Configuration Depot is used to view and download information related to the transmission and decoding of telemetry data from gages in the USGS water observing networks.

For questions and feedback contact the [USGS telemetry team](#)

Site Number

Site Name

Transmission Id

State

Date Modified Search Criteria

- Last Day  
 Last 7 Days  
 Last 30 Days  
 All

**Search**

**Back to Table View**

## PLATFORM SEARCHING


- USGS SITE NUMBER
- USGS SITE NAME
- TRANSMISSION ID
  - DCP ID (GOES)
  - IMEI (IRIDIUM)
- GEOGRAPHIC STATE (PICK LIST)

Site Number

Site Name

Transmission Id

State

## PLATFORM SEARCHING SPECIFICS:


- ENTER AT LEAST ONE FIELD
- IF ENTER MULTIPLE, WORKS AS AN “AND”
- PARTIAL SEARCH SUPPORTED
- CASE INSENSITIVE
- USE STATE NAME OR PARTIAL NAME, NOT ABBREVIATION

Site Number

Site Name

Transmission Id

State

**DATE MODIFIED  
SEARCHING:**

- **LAST DAY**
- **LAST 7 DAYS**
- **LAST 30 DAYS**
- **ALL**

## Date Modified Search Criteria

- Last Day
- Last 7 Days
- Last 30 Days
- All

## DATE MODIFIED SEARCHING SPECIFICS:

- SELECT ONE OF THE PRE-DEFINED OPTIONS
- TIME IS UTC
- LAST DAY- ALL RECORDS MODIFIED FROM MIDNIGHT OF THE PREVIOUS DAY TO “NOW”

## Date Modified Search Criteria

- Last Day
- Last 7 Days
- Last 30 Days
- All

## PLATFORM AND DATE MODIFIED SEARCHING SPECIFICS:

- IF SEARCH FOR BOTH, RESULTS ARE RETURNED THAT MEET BOTH SET OF CRITERIA (“AND”)

|                      |                                    |
|----------------------|------------------------------------|
| Site Number          | Date Modified Search Criteria      |
| <input type="text"/> | <input type="radio"/> Last Day     |
| Site Name            | <input type="radio"/> Last 7 Days  |
| <input type="text"/> | <input type="radio"/> Last 30 Days |
| Transmission Id      | <input type="radio"/> All          |
| <input type="text"/> |                                    |
| State                |                                    |
| <input type="text"/> |                                    |



**EXAMPLE**  
SEARCH PARTIAL  
SITE NUMBER  
AND MODIFIED  
IN LAST 1 DAY

Site Number

Site Name

Transmission Id

State

Date Modified Search Criteria

Last Day  
 Last 7 Days  
 Last 30 Days  
 All

[Search](#) [Back to Table View](#)

# RESULTS SHOWN IN A TABLE BELOW

Site Number

Site Name

Transmission Id

State

Date Modified Search Criteria  
 Last Day  
 Last 7 Days  
 Last 30 Days  
 All

[Search](#) [Back to Table View](#)

| Site Number | Site Name                                | State | Transmission ID | Channel | Active? | Last Modified              | Download                 |
|-------------|--|-------|-----------------|---------|---------|----------------------------|--------------------------|
| 01010000    | St. John River at Ninemile Bridge, Maine | Maine | 17C662A6        | 153     | true    | 2022-05-04 12:59:00.735626 | <a href="#">Download</a> |
| 01010000    | St. John River at Ninemile Bridge, Maine | Maine | 17C662A6        | 127     | true    | 2022-05-02 04:19:37.773636 | <a href="#">Download</a> |

DOWNLOAD  
OUTPUT

- OR -

SELECT A ROW TO  
SEE MORE DETAILS

Site Number:

Site Name:

Transmission Id:

State:

Date Modified Search Criteria:  
 Last Day  
 Last 7 Days  
 Last 30 Days  
 All

[Search](#) [Back to Table View](#)

| Site Number | Site Name                                | State | Transmission ID | Channel | Active? | Last Modified              | Download                 |
|-------------|--|-------|-----------------|---------|---------|----------------------------|--------------------------|
| 01010000    | St. John River at Ninemile Bridge, Maine | Maine | 17C662A6        | 153     | true    | 2022-05-04 12:59:00.735626 | <a href="#">Download</a> |
| 01010000    | St. John River at Ninemile Bridge, Maine | Maine | 17C662A6        | 127     | true    | 2022-05-02 04:19:37.773636 | <a href="#">Download</a> |

## DETAILS SHOWN IN TABLE INCLUDE:

- SITE INFO
- SENSOR INFO

| Site Number | Site Name                                | State | Transmission ID | Channel | Active? | Last Modified              | Download                 |
|-------------|--|-------|-----------------|---------|---------|----------------------------|--------------------------|
| 01010000    | St. John River at Ninemile Bridge, Maine | Maine | 17C662A6        | 153     | true    | 2022-05-04 12:59:00.735626 | <a href="#">Download</a> |

### Site Information

Latitude: 46.70055556, NAD83  
Longitude: -69.7155556, NAD83

[View Configuration](#)

[Download Configuration](#)

### Platform Sensor Information

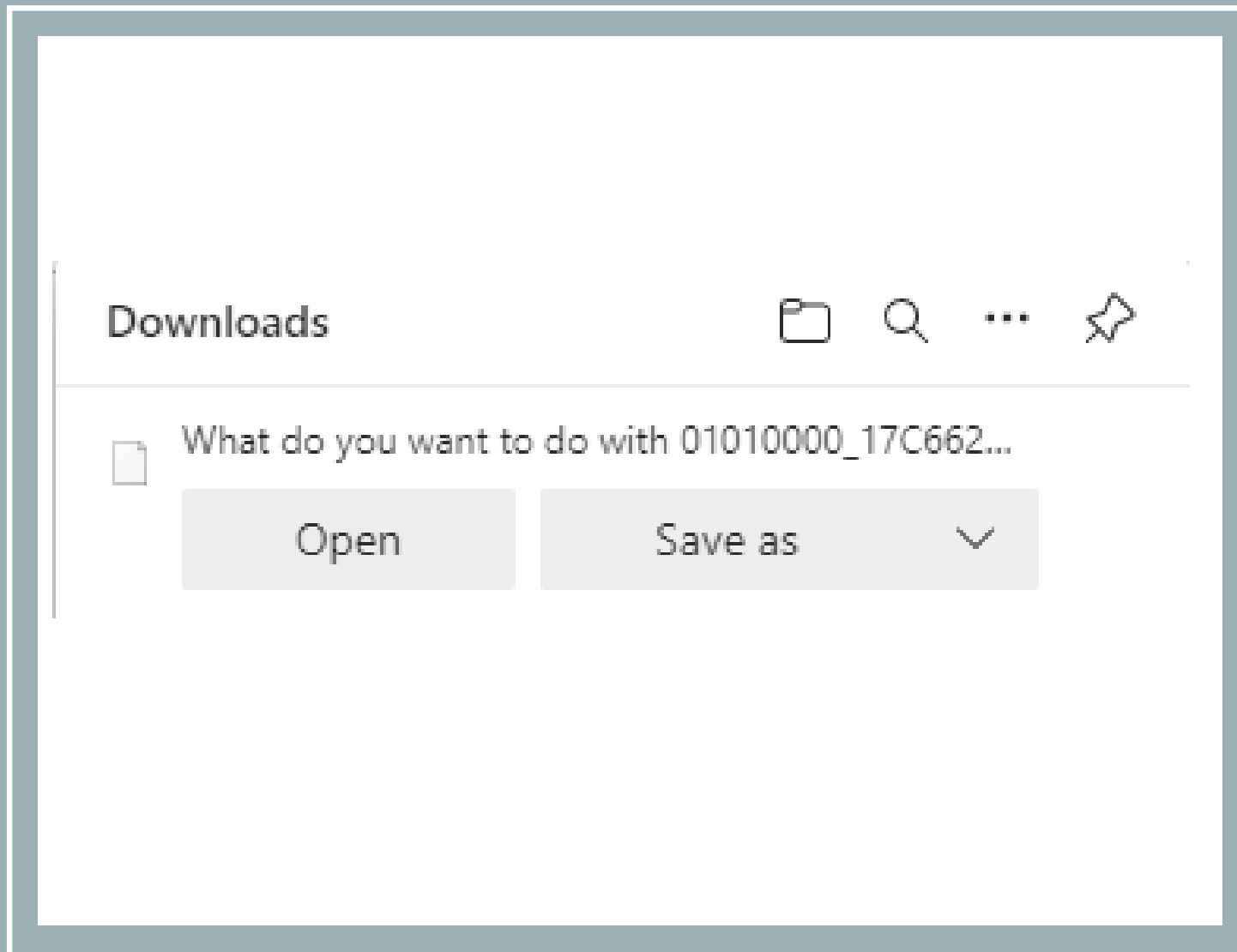
| Sensor Name | AQTS Name  | Param Code |
|-------------|--|------------|
| BATVT9      | DCP battery voltage.V.(DCP ID: 4541181C).Work.DCP@01010000                   | 70969      |
| STAGE       | Gage height.ft.DCP@01010000  | 00065      |
| AIRTEMP     | Temperature, air.degC.Work.DCP@01010000                                      | 00020      |
| Precip      | Precipitation, cumul.ACTIVE (Cumulative DCP, Temporary Data)@464200069425701 | 72192      |

## VIEW CONFIG

- OPENS IN A NEW BROWSER TAB

```
{
  "platform": {
    "siteNumber": "01010000",
    "active": true,
    "transmissionType": "GOES",
    "transmissionId": "17C662A6",
    "channelNumber": "153",
    "transmissionTime": "850000000000",
    "transmissionInterval": "3600000000000",
    "timeAdjustment": "0",
    "scriptName": "ST",
    "configName": "DAH522D-USGSME-012",
    "sensors": [
      {
        "sensorName": "BATVT9",
        "sensorNumber": "4",
        "aqtsIdentifier": "DCP battery voltage.V.(DCP ID: 4541181C).Work.DCP@01010000",
        "aqtsGuid": "a6a2bcb663994c6b968e7a43c6fb6121",
        "aqtsSiteNumber": "01010000",
        "aqtsParameterName": "DCP battery voltage",
        "parameterCode": "70969"
      },
      {
        "sensorName": "STAGE",
        "sensorNumber": "1",
        "aqtsIdentifier": "Gage height.ft.DCP@01010000",
        "aqtsGuid": "715c5bae58f481e8741e50f53245603",
        "aqtsSiteNumber": "01010000",
        "aqtsParameterName": "Gage height",
        "parameterCode": "00065"
      }
    ]
  }
}
```

DOWNLOAD  
CONFIG



SELECT “BACK TO TABLE VIEW” TO GO BACK TO ORIGINAL SEARCH RESULTS, OR TO DO A NEW SEARCH

[Search](#) [Back to Table View](#)

| Site Number | Site Name                                | State | Transmission ID | Channel | Active? | Last Modified              | Download                 |
|-------------|--|-------|-----------------|---------|---------|----------------------------|--------------------------|
| 01010000    | St. John River at Ninemile Bridge, Maine | Maine | 17C662A6        | 153     | true    | 2022-05-04 12:59:00.735626 | <a href="#">Download</a> |

**Site Information**  
Latitude: 46.70055556, NAD83  
Longitude: -69.7155556, NAD83  
[View Configuration](#)  
[Download Configuration](#)

**Platform Sensor Information**

| Sensor Name | AQTS Name  | Param Code |
|-------------|--|------------|
| BATVT9      | DCP battery voltage.V.(DCP ID: 4541181C).Work.DCP@01010000                   | 70969      |
| STAGE       | Gage height.ft.DCP@01010000  | 00065      |
| AIRTEMP     | Temperature, air.degC.Work.DCP@01010000                                      | 00020      |
| Precip      | Precipitation, cumul.ACTIVE (Cumulative DCP, Temporary Data)@464200069425701 | 72192      |

- URL SEARCHING
- Go to this URL: <https://www.usgs.gov/apps/telemetry/api/site?siteNumber=<changeme>>
  - Where <changeme> is the USGS site number. Example for USGS site number 01055500:
- <https://www.usgs.gov/apps/telemetry/api/site?siteNumber=01055500>



```

[{"platform":
{"siteNumber": "01010000", "active": true, "transmissionType": "GOES", "transmissionId": "17C662A6", "channelNumber": "153", "transmissionTime": "850000000000", "transmissionInterval": "360000000000", "timeAdjustment": "0", "scriptName": "ST", "configName": "DAH522D-USGSME-012", "sensors":
[{"sensorName": "BATVT9", "sensorNumber": "4", "aqtsIdentifier": "DCP battery voltage.V.(DCP ID: 4541181C).Work.DCP@01010000", "aqtsGuid": "a6a2bcb663994c6b968e7a43c6fb6121", "aqtsSiteNumber": "01010000", "aqtsParameterName": "DCP battery voltage", "parameterCode": "70969"}, {"sensorName": "STAGE", "sensorNumber": "1", "aqtsIdentifier": "Gage height.ft.DCP@01010000", "aqtsGuid": "715c5beae58f481e8741e50f53245603", "aqtsSiteNumber": "01010000", "aqtsParameterName": "Gage height", "parameterCode": "00065"}, {"sensorName": "AIRTEMP", "sensorNumber": "2", "aqtsIdentifier": "Temperature, air.degC.Work.DCP@01010000", "aqtsGuid": "e9f5ea80b3d14b2ca6a62715bfa2d8eb", "aqtsSiteNumber": "01010000", "aqtsParameterName": "Temperature, air", "parameterCode": "00020"}, {"sensorName": "Precip", "sensorNumber": "3", "aqtsIdentifier": "Precipitation, cumul.ACTIVE (Cumulative DCP, Temporary Data)@464200069425701", "aqtsGuid": "2255f57bab904f6fb4019fb021138c24", "aqtsSiteNumber": "464200069425701", "aqtsParameterName": "Precipitation, cumul", "parameterCode": "72192"}]}, {"config": {"configName": "DAH522D-USGSME-012", "scripts": [{"scriptName": "ST", "dataOrder": "DESCENDING", "formatStatements": [{"statement": "1X,C(1N,ERROR),1P,>STAGE", "statementLabel": "ST", "displayOrder": 0, "firstStatement": true}, {"statement": "7(F(S,A,5,1),F(S,A,6,2),F(S,A,5,3),/),>LAST", "statementLabel": "STAGE", "displayOrder": 1, "firstStatement": false}, {"statement": "F(S,A,5,1),F(S,A,6,2),F(S,A,5,3),1X,F(S,A,5,4)", "statementLabel": "LAST", "displayOrder": 2, "firstStatement": false}, {"statement": "/",>ST", "statementLabel": "ERROR", "displayOrder": 3, "firstStatement": false}], "unitConverters": []}, {"scriptName": "RD", "dataOrder": "DESCENDING", "formatStatements": [{"statement": "S(41,'BRT',ERROR),3X,F(S,B,3,1)", "statementLabel": "RD", "displayOrder": 0, "firstStatement": true}, {"statement": "/",>RD", "statementLabel": "ERROR", "displayOrder": 1, "firstStatement": false}], "unitConverters": [{"sensorName": "STAGE", "sensorNumber": "1", "A": "0.01", "B": "0", "C": "1", "D": "0"}]}, {"sensorName": "AIRTEMP", "sensorNumber": "2", "recordingInterval": "900000000000"}, {"sensorName": "BATVT9", "sensorNumber": "4", "recordingInterval": "360000000000"}, {"sensorName": "STAGE", "sensorNumber": "1", "recordingInterval": "900000000000"}, {"sensorName": "Precip", "sensorNumber": "3", "recordingInterval": "900000000000"}]}, {"platform":
{"siteNumber": "01010000", "active": true, "transmissionType": "GOES", "transmissionId": "17C662A6", "channelNumber": "127", "transmissionTime": null, "transmissionInterval": "900000000000", "timeAdjustment": "0", "scriptName": "RD", "configName": "DAH522D-USGSME-012", "sensors":
[{"sensorName": "BATVT9", "sensorNumber": "4", "aqtsIdentifier": "DCP battery voltage.V.(DCP ID: 4541181C).Work.DCP@01010000", "aqtsGuid": "a6a2bcb663994c6b968e7a43c6fb6121", "aqtsSiteNumber": "01010000", "aqtsParameterName": "DCP battery voltage", "parameterCode": "70969"}, {"sensorName": "STAGE", "sensorNumber": "1", "aqtsIdentifier": "Gage height.ft.DCP@01010000", "aqtsGuid": "715c5beae58f481e8741e50f53245603", "aqtsSiteNumber": "01010000", "aqtsParameterName": "Gage height", "parameterCode": "00065"}, {"sensorName": "AIRTEMP", "sensorNumber": "2", "aqtsIdentifier": "Temperature, air.degC.Work.DCP@01010000", "aqtsGuid": "e9f5ea80b3d14b2ca6a62715bfa2d8eb", "aqtsSiteNumber": "01010000", "aqtsParameterName": "Temperature, air", "parameterCode": "00020"}, {"sensorName": "Precip", "sensorNumber": "3", "aqtsIdentifier": "Precipitation, cumul.ACTIVE (Cumulative DCP, Temporary Data)@464200069425701", "aqtsGuid": "2255f57bab904f6fb4019fb021138c24", "aqtsSiteNumber": "464200069425701", "aqtsParameterName": "Precipitation, cumul", "parameterCode": "72192"}]}, {"config": {"configName": "DAH522D-USGSME-012", "scripts": [{"scriptName": "ST", "dataOrder": "DESCENDING", "formatStatements": [{"statement": "1X,C(1N,ERROR),1P,>STAGE", "statementLabel": "ST", "displayOrder": 0, "firstStatement": true}, {"statement": "7(F(S,A,5,1),F(S,A,6,2),F(S,A,5,3),/),>LAST", "statementLabel": "STAGE", "displayOrder": 1, "firstStatement": false}, {"statement": "F(S,A,5,1),F(S,A,6,2),F(S,A,5,3),1X,F(S,A,5,4)", "statementLabel": "LAST", "displayOrder": 2, "firstStatement": false}, {"statement": "/",>ST", "statementLabel": "ERROR", "displayOrder": 3, "firstStatement": false}], "unitConverters": []}, {"scriptName": "RD", "dataOrder": "DESCENDING", "formatStatements": [{"statement": "S(41,'BRT',ERROR),3X,F(S,B,3,1)", "statementLabel": "RD", "displayOrder": 0, "firstStatement": true}, {"statement": "/",>RD", "statementLabel": "ERROR", "displayOrder": 1, "firstStatement": false}], "unitConverters": [{"sensorName": "STAGE", "sensorNumber": "1", "A": "0.01", "B": "0", "C": "1", "D": "0"}]}, {"sensorName": "AIRTEMP", "sensorNumber": "2", "recordingInterval": "900000000000"}, {"sensorName": "BATVT9", "sensorNumber": "4", "recordingInterval": "360000000000"}, {"sensorName": "STAGE", "sensorNumber": "1", "recordingInterval": "900000000000"}, {"sensorName": "Precip", "sensorNumber": "3", "recordingInterval": "900000000000"}]}]}

```

The JSON data returned are not "pretty printed". Copy-paste it into a JSON formatter such as: <https://jsonformatter.org/json-pretty-print> to make it easier to parse.

# JSON Pretty Print



```
1 [{"platform":{"siteNumber":"01010000","active":true,"transmissionType":"GOES",
,"transmissionId":"17C662A6","channelNumber":"153","transmissionTime":"850000000000",
,"transmissionInterval":"3600000000000",
,"timeAdjustment":"0","scriptName":"ST",
,"configName":"DAH522D-USGSME-012","sensors":[{"sensorName":"BATVT9","sensorNumber":"4",
,"aqtsIdentifier":"DCP battery voltage.V.(DCP ID: 4541181C).Work.DCP@01010000","aqtsGuid":"a6a2bcb663994c6b968e7a43c6fb6121",
,"aqtsSiteNumber":"01010000",
,"aqtsParameterName":"DCP battery voltage","parameterCode":"70969"},{"sensorName":"STAGE",
,"sensorNumber":"1","aqtsIdentifier":"Gage height.ft.DCP@01010000","aqtsGuid":"715c5beae58f481e8741e50f53245603",
,"aqtsSiteNumber":"01010000",
,"aqtsParameterName":"Gage height","parameterCode":"00065"},{"sensorName":"AIRTEMP",
,"sensorNumber":"2","aqtsIdentifier":"Temperature, air.degC.Work.DCP@01010000",
,"aqtsGuid":"e9f5ea80b3d14b2ca6a62715bfa2d8eb",
,"aqtsSiteNumber":"01010000",
,"aqtsParameterName":"Temperature, air","parameterCode":"00020"},{"sensorName":"Precip",
,"sensorNumber":"3","aqtsIdentifier":"Precipitation, cumul.ACTIVE (Cumulative DCP,
```

Load Data

2 Tab Space

Make Pretty

START NOW

## 2 Easy Steps

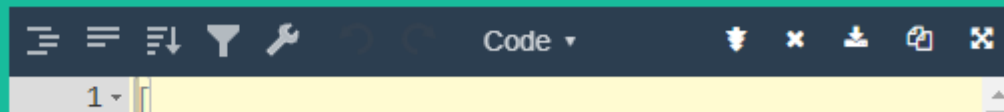
1. Click "Start Now"
2. Add Data Shield for Chrome"

JSON Print 

Plain JSON 

Download

JSON Full Form



```
1 [{"platform": {
2   {
3     "platform": {
4       "siteNumber": "01010000",
5       "active": true,
6       "transmissionType": "GOES",
7       "transmissionId": "17C662A6",
8       "channelNumber": "153",
9       "transmissionTime": "850000000000",
10      "transmissionInterval": "3600000000000",
11      "timeAdjustment": "0",
12      "scriptName": "ST",
13      "configName": "DAH522D-USGSME-012",
14      "sensors": [
15        {
16          "sensorName": "BATVT9",
17          "sensorNumber": "4",
18          "aqtsIdentifier": "DCP battery
19            voltage.V.(DCP ID: 4541181C).Work
20              .DCP@01010000",
21          "aqtsGuid":
22            "a6a2bcb663994c6b968e7a43c6fb6121",
23          "aqtsSiteNumber": "01010000",
24          "aqtsParameterName": "DCP battery
25            voltage",
26          "parameterCode": "70969"
27        },
28        {
29          "sensorName": "STAGE",
30          "sensorNumber": "1",
31          "aqtsIdentifier": "Gage height.ft.DCP@01010000",
32          "aqtsGuid": "715c5beae58f481e8741e50f53245603",
33          "aqtsSiteNumber": "01010000",
34          "aqtsParameterName": "Gage height",
35          "parameterCode": "00065"
36        },
37        {
38          "sensorName": "AIRTEMP",
39          "sensorNumber": "2",
40          "aqtsIdentifier": "Temperature, air.degC.Work.DCP@01010000",
41          "aqtsGuid": "e9f5ea80b3d14b2ca6a62715bfa2d8eb",
42          "aqtsSiteNumber": "01010000",
43          "aqtsParameterName": "Temperature, air",
44          "parameterCode": "00020"
45        },
46        {
47          "sensorName": "Precip",
48          "sensorNumber": "3",
49          "aqtsIdentifier": "Precipitation, cumul.ACTIVE (Cumulative DCP,
```

Ln: 1 Col: 1

PUBLIC URLS:

- <https://usgs.gov/apps/telemetry>
- <https://www.usgs.gov/apps/telemetry/api/site?siteNumber=<changeme>>
- Not usable yet!