

WQP

Water Quality Data Portal

<https://www.waterqualitydata.us/>

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i New WQX 3.0 profiles are available at waterqualitydata.us/beta/. These profiles will contain recent USGS data added since March 11, 2024, which marks the beginning of limited accessibility for USGS data. Read more about the 3.0 profiles and associated changes [here](#).

This legacy user interface will continue to function for several weeks. However, this user interface only serves WQX2.2 profiles, which do NOT contain USGS data added after March 11, 2024.

Welcome to the new Water Quality Portal

The Water Quality Portal (WQP) is the premiere source of discrete water-quality data in the United States and beyond. This cooperative service integrates publicly available water-quality data from the United States Geological Survey (USGS), the Environmental Protection Agency (EPA), and over 400 state, federal, tribal, and local agencies. [Learn More](#)

To download data complete the query below. Returning and experienced users may wish to use the [Advanced Download](#).

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Basic | Advanced

Download Water Quality Data



1 of 3 Location Parameters

Specify location parameters to describe the spatial extent of the desired dataset. Additional options are available in the [Advanced Download](#). All fields are optional.

Country ⓘ
All Countries

State ⓘ
All States

County ⓘ
All Counties

Point Location ⓘ

	Miles of	Lat	Long	
Within	<input type="text"/>	<input type="text" value="0"/>	<input type="text" value="0"/>	Use my location

Site Type ⓘ
All Site Types

[Clear search](#) [Next](#)

2 of 3 Filter Results

Specify data source, date range, and sampling filters to apply to the desired dataset. Additional options are available in the [Advanced Download](#). All fields are optional.

Data Source ⁱ

- NWIS (USGS)
- WQX (EPA)

Date Range ⁱ

Dates should be entered as mm-dd-yyyy
from:

to:

Sample Media ⁱ

Characteristic Group ⁱ

[Clear search](#) [Previous](#) [Next](#)

3 of 3 Download

Specify a data type and file format to download. Additional options are available in the [Advanced Download](#).

Data Profiles ?

- Organization Data
- Site Data Only
- Project Data
- Sample Results (physical/chemical metadata)
- Sample Results (biological metadata)
- Sample Results (narrow)
- Sampling Activity

File Format ?

- Comma-Separated
- Tab-Separated
- MS Excel 2007+

[Start over](#) [Previous](#) [Download](#)



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Download Water Quality Data



Select Location Parameters —

Specify location parameters to describe the spatial extent of the desired dataset. All fields are optional.

Country ⓘ <input type="text" value="All Countries"/>	Point Location ⓘ Within <input type="text"/>	Bounding Box ⓘ North: <input type="text" value="90"/>	Site Type ⓘ <input type="text" value="All Site Types"/>
State ⓘ <input type="text" value="All States"/>	miles of Latitude <input type="text" value="0"/>	South: <input type="text" value="-90"/>	Organization ID ⓘ <input type="text" value="All Organization IDs"/>
County ⓘ <input type="text" value="All Counties"/>	Longitude <input type="text" value="0"/>	East: <input type="text" value="180"/>	Site ID ⓘ <input type="text" value="All Site IDs"/>
	Use my location	West: <input type="text" value="-180"/>	HUC ⓘ <input type="text" value="All HUCs"/>

[Show upstream downstream mapper](#) BETA

Upstream/Downstream information can be used to help you determine where to collect water quality data based on the flow of water. Select a feature source, and optionally search for a location. Then, click a feature to select upstream/downstream navigation and enter a desired distance. These search criteria will be populated in your query.

Filter Results —

Select Location Parameters —

Specify location parameters to describe the spatial extent of the desired dataset. All fields are optional.

Country ⁱ

State ⁱ

County ⁱ

Point Location ⁱ

Within

miles of Latitude

Longitude

[Use my location](#)

Bounding Box ⁱ

North:

South:

East:

West:

Site Type ⁱ

Organization ID ⁱ

- Chickas
- Chickas
- CNENVSER - Chickasaw Natio**

HUC ⁱ

[Show upstream downstream mapper](#) BETA

Upstream/Downstream information can be used to help you determine where to collect water quality data based on the flow of water. Select a feature source, and optionally search for a location. Then, click a feature to select upstream/downstream navigation and enter a desired distance. These search criteria will be populated in your query.

Filter Results —

Select Location Parameters —

Specify location parameters to describe the spatial extent of the desired dataset. All fields are optional.

Country ⓘ

State ⓘ

County ⓘ

Point Location ⓘ

Within

miles of Latitude

Longitude

[Use my location](#)

Bounding Box ⓘ

North:

South:

East:

West:

Site Type ⓘ

Organization ID ⓘ

Site ID ⓘ

HUC ⓘ

[Show upstream downstream mapper](#) BETA

Upstream/Downstream information can be used to help you determine where to collect water quality data based on the flow of water. Select a feature source, and optionally search for a location. Then, click a feature to select upstream/downstream navigation and enter a desired distance. These search criteria will be populated in your query.

Filter Results —

Filter Results

Specify data source, date range, and sampling filters to apply to the desired dataset. All fields are optional.

Sample Media ⓘ
All Sample Media

Characteristic Group ⓘ
All Characteristic Groups

Characteristics ⓘ
All Characteristics

Project ID ⓘ
All Project IDs

Parameter Code(NWIS ONLY) ⓘ
All Parameter Codes

Biological Parameters Assemblage ⓘ
All Assemblages

Taxonomic Name ⓘ
All Taxonomic Names

Date Range ⓘ
Dates should be entered as mm-dd-yyyy from:
10-01-2022

to:
09-30-2023

Minimum Sampling Activities Per Site ⓘ
1

Minimum Results Per Site ⓘ
1

Download the Data

Data Source ⓘ
 NWIS (USGS)
 WQX (EPA)

File Format ⓘ

Data Profiles ⓘ
 Organization Data
 Site Data Only
 Project Data

Download the Data

Data Source ⓘ

- NWIS (USGS)
- WQX (EPA)

File Format ⓘ

- Comma-Separated
- Tab-Separated
- MS Excel 2007+

Data Profiles ⓘ

- Organization Data
- Site Data Only
- Project Data
- Project Monitoring Location Weighting Data
- Sample Results (physical/chemical metadata)
- Sample Results (biological metadata)
- Sample Results (narrow)
- Sampling Activity
- Sampling Activity Metrics
- Result Detection Quantitation Limit Data
- Biological Habitat Metrics

Query URL

Copy and share the URL of this query.

```
https://www.waterqualitydata.us/#organization=CNENVSER&startDateLo=10-01-2022&startDateHi=09-30-2023&mimeType=xlsx&dataProfile=narrowResult&providers=NWIS&providers=STORET
```

Result ⓘ

```
https://www.waterqualitydata.us/data/Result/search?organization=CNENVSER&startDateLo=10-01-2022&startDateHi=09-30-
```

Biological Habitat Metrics

Query URL

Copy and share the URL of this query.

```
https://www.waterqualitydata.us/#organization=CNENVSER&startDateLo=10-01-2022&startDateHi=09-30-2023&mimeType=xlsx&dataProfile=narrowResult&providers=NWIS&providers=STORET
```

Result

```
https://www.waterqualitydata.us/data/Result/search?organization=CNENVSER&startDateLo=10-01-2022&startDateHi=09-30-2023&mimeType=xlsx&zip=yes&dataProfile=narrowResult&providers=NWIS&providers=STORET
```

cURL

```
curl -X POST --header 'Content-Type: application/json' --header 'Accept: application/zip' -d '{"organization":["CNENVSER"],"startDateLo":"10-01-2022","startDateHi":"09-30-2023","dataProfile":"narrowResult","providers":["NWIS","STORET"]}' 'https://www.waterqualitydata.us/data/Result/search?mimeType=xlsx&zip=yes'
```

WFS GetFeature

```
https://www.waterqualitydata.us/ogcservices/wfs/?request=GetFeature&service=wfs&version=2.0.0&typeName=wqp_sites&SEARCHPARAMS=organization%3ACNENVSER%3BstartDateLo%3A10-01-2022%3BstartDateHi%3A09-30-2023%3Bproviders%3ANWIS%7CSTORET&outputFormat=application%2Fjson
```

[Clear search](#) [Download](#)

Biological Habitat Metrics

Query URL

Copy and share the URL of this query.

```
https://www.waterqualitydata.us/#organization=CNENVSER&startDateLo=10-01-2022&startDateHi=09-30-2023&mimeType=xlsx&dataProfile=narrowResult&providers=NWIS&providers=STORET
```

Result

```
https://www.waterqualitydata.us/#organization=CNENVSER&startDateLo=10-01-2022&startDateHi=09-30-2023&mimeType=xlsx&zip=yes&...
```

cURL

```
curl -X POST --header 'Content-Type: application/json' --data '{"organization": "CNENVSER", "startDateLo": "10-01-2022", "startDateHi": "09-30-2023", "mimeType": "xlsx", "dataProfile": "narrowResult", "providers": ["NWIS", "STORET"]}' https://www.waterqualitydata.us/...
```

WFS GetFeature

```
https://www.waterqualitydata.us/wfs/?request=GetFeature&service=wfs&version=1.0.0&typeName=waterqualitydata:BiologicalHabitatMetrics&startDateLo=10-01-2022&startDateHi=09-30-2023&format=application%2Fjson
```

[Clear search](#) [Download](#)

Download Status

Your query will return **1,496** sample results from **20** sites:
From BIODATA: **0** sample results from **0** sites
From NWIS: **0** sample results from **0** sites
From STEWARDS: **0** sample results from **0** sites
From STORET: **1,496** sample results from **20** sites

Click Continue to download the data

[Cancel](#) [Continue](#)