



USGS Home
Contact USGS
Search USGS

National Water Information System: Web Interface

USGS Water Resources

Data Category:

Water Quality ▼

Geographic Area:

United States ▼

GO

Filed

April 8, 2014

Data Center

Missouri Public

Service Commission

Click to hideNews Bulletins

- March 5, 2014
- Read the [Mobile Site Tutorial](http://m.waterdata.usgs.gov) Try it (<http://m.waterdata.usgs.gov>) from your mobile device!
- New improved user interface.
- [Full News](#)

Water Quality Samples for the Nation

The data you have secured from the USGS NWISWeb database may include data that have not received Director's approval and as such are provisional and subject to revision. The data are released on the condition that neither the USGS nor the United States Government may be held liable for any damages resulting from its authorized or unauthorized use. To view additional data-quality attributes, output the results using these options: one result per row, expanded attributes. Additional precautions are at:

<http://waterdata.usgs.gov/nwis/qwdata?>

[help#Data retrievals precautions.](#)

USGS 375303090323901 ST. FRANCOIS CO LANDFILL MW 106

St Francois County, Missouri

Hydrologic Unit Code 07140104

Latitude 37°53'03"; Longitude 90°32'39" NAD27

Land-surface elevation 682 feet above NGVD29

The depth of the well is 10.1 feet below land surface.

The depth of the hole is 10.4 feet below land surface.

This well is completed in the Alluvial aquifers (N100ALLUVL) national aquifer.

This well is completed in the Holocene Alluvium (111ALVM) local aquifer.

Output formats

[Parameter Group Period of Record table](#)

[Inventory of available water-quality data for printing](#)

[Inventory of water-quality data with retrieval](#)

[Tab-separated data, one result per row](#)

Exhibit No. 353
Date 3-31-2014 Reporter Stewart
File No. EA-2012-0281

Tab-separated data one sample per row with remark codes combined with values

Tab-separated data one sample per row with tab-delimiter for remark codes

Reselect output format

Sample Datetime	Time datum	Time datum reliability code	Sample Medium Code	Agency Collecting Sample, Code	Arsenic water, fltrd, ug/L (01000)
1990-04-26 11:00	CDT	T	WG	USGS-WRD	27
1990-06-07 09:30	CDT	T	WG	USGS-WRD	42

The data you have secured from the USGS NWISWeb database may include data that have not received Director's approval and as such are provisional and subject to revision. The data are released on the condition that neither the USGS nor the United States Government may be held liable for any damages resulting from its authorized or unauthorized use. To view additional data-quality attributes, output the results using these options: one result per row, expanded attributes. Additional precautions are at:

<http://waterdata.usgs.gov/nwis/qwdata?>

[help#Data retrievals precautions.](#)

USGS 383806090450601 WSSRAP-MRA 4 SHALLOW NEAR DEFIANCE

St Charles County, Missouri

Hydrologic Unit Code 10300200

Latitude 38°38'06", Longitude 90°45'06" NAD27

Land-surface elevation 459.2 feet above NGVD29

The depth of the well is 45.2 feet below land surface.

The depth of the hole is 45.2 feet below land surface.

This well is completed in the Alluvial aquifers (N100ALLUVL) national aquifer.

This well is completed in the Holocene Alluvium (111ALVM) local aquifer.

Output formats

Parameter Group Period of Record table

Inventory of available water-quality data for printing

Inventory of water-quality data with retrieval

Tab-separated data, one result per row

Tab-separated data one sample per row with remark codes combined with values

Tab-separated data one sample per row with tab-delimiter for remark codes

Reselect output format

Sample Datetime	Time datum	Time datum reliability code	Sample Medium Code	Agency Collecting Sample, Code	Arsenic water, fltrd, ug/L (01000)
1992-03-04 10:15	CST	T	WG	USGS-WRD	7
1992-04-08 16:20	CDT	T	WG	USGS-WRD	7
1992-05-15 12:30	CDT	T	WG	USGS-WRD	5
1992-06-09 10:45	CDT	T	WG	USGS-WRD	5

The data you have secured from the USGS NWISWeb database may include data that have not received Director's approval and as such are provisional and subject to revision. The data are released on the condition that neither the USGS nor the United States Government may be held liable for any damages resulting from its authorized or unauthorized use. To view additional data-quality attributes, output the results using these options: one result per row, expanded attributes. Additional precautions are at: http://waterdata.usgs.gov/nwis/qwdata?help#Data_retrievals_precautions.

USGS 383806090450602 WSSRAP-MRA 4 DEEP NEAR DEFIANCE

St Charles County, Missouri

Hydrologic Unit Code 10300200

Latitude 38°38'06", Longitude 90°45'06" NAD27

Land-surface elevation 459.2 feet above NGVD29

The depth of the well is 54.9 feet below land surface.

The depth of the hole is 54.93 feet below land surface.

This well is completed in the Alluvial aquifers (N100ALLUVL) national aquifer.

This well is completed in the Holocene Alluvium (111ALVM) local aquifer.

Output formats

Parameter Group Period of Record table

Inventory of available water-quality data for printing

Inventory of water-quality data with retrieval

Tab-separated data, one result per row

Tab-separated data one sample per row with remark codes combined with values

Tab-separated data one sample per row with tab-delimiter for remark codes

Reselect output format

Sample Datetime	Time datum	Time datum reliability code	Sample Medium Code	Agency Collecting Sample, Code	Arsenic water, fltrd, ug/L (01000)
1992-03-04 09:15	CST	T	WG	USGS-WRD	1

The data you have secured from the USGS NWISWeb database may include data that have not received Director's approval and as such are provisional and subject to revision. The data are released on the condition that neither the USGS nor the United States Government may be held liable for any damages resulting from its authorized or unauthorized use. To view additional data-quality attributes, output the results using these options: one result per row, expanded attributes. Additional precautions are at:

http://waterdata.usgs.gov/nwis/qwdata?help#Data_retrievals_precautions.

USGS 383816090453601 WSSRAP-MRA 3 SHALLOW NEAR DEFIANCE

St Charles County, Missouri

Hydrologic Unit Code 10300200

Latitude 38°38'16", Longitude 90°45'36" NAD27

Land-surface elevation 466.7 feet above NGVD29

The depth of the well is 38.4 feet below land surface.

The depth of the hole is 38.4 feet below land surface.

This well is completed in the Alluvial aquifers (N100ALLUVL) national aquifer.

This well is completed in the Holocene Alluvium (111ALVM) local aquifer.

Output formats

Parameter Group Period of Record table

Inventory of available water-quality data for printing

Inventory of water-quality data with retrieval

Tab-separated data, one result per row

Tab-separated data one sample per row with remark codes combined with values

Tab-separated data one sample per row with tab-delimiter for remark codes

Reselect output format

Sample Datetime	Time datum	Time datum reliability code	Sample Medium Code	Agency Collecting Sample, Code	Arsenic water, fltrd, ug/L (01000)
1992-04-08 17:45	CDT	T	WG	USGS-WRD	1
1992-05-12 16:30	CDT	T	WG	USGS-WRD	3
1992-06-09 14:15	CDT	T	WG	USGS-WRD	1

The data you have secured from the USGS NWISWeb database may include data that have not received Director's approval and as such are provisional and subject to revision. The data are released on the condition that neither the USGS nor the United States Government may be held liable for any damages resulting from its authorized or unauthorized use. To view additional data-quality attributes, output the results using these options: one result per row, expanded attributes. Additional precautions are at:

http://waterdata.usgs.gov/nwis/qwdata?help#Data_retrievals_precautions.

USGS 383816090453602 WSSRAP-MRA 3 DEEP NEAR DEFIANCE

St Charles County, Missouri

Hydrologic Unit Code 10300200

Latitude 38°38'16", Longitude 90°45'36" NAD27

Land-surface elevation 466.7 feet above NGVD29

The depth of the well is 53.6 feet below land surface.

The depth of the hole is 53.6 feet below land surface.

This well is completed in the Alluvial aquifers (N100ALLUVL) national aquifer.

This well is completed in the Holocene Alluvium (111ALVM) local aquifer.

Output formats

Parameter Group Period of Record table
Inventory of available water-quality data for printing
Inventory of water-quality data with retrieval
Tab-separated data, one result per row
Tab-separated data one sample per row with remark codes combined with values
Tab-separated data one sample per row with tab-delimiter for remark codes
Reselect output format

Sample Datetime	Time datum	Time datum reliability code	Sample Medium Code	Agency Collecting Sample, Code	Arsenic water, fltrd, ug/L (01000)
1992-04-09 08:20	CDT	T	WG	USGS-WRD	5
1992-05-12 15:00	CDT	T	WG	USGS-WRD	4
1992-06-09 14:50	CDT	T	WG	USGS-WRD	3

The data you have secured from the USGS NWISWeb database may include data that have not received Director's approval and as such are provisional and subject to revision. The data are released on the condition that neither the USGS nor the United States Government may be held liable for any damages resulting from its authorized or unauthorized use. To view additional data-quality attributes, output the results using these options: one result per row, expanded attributes. Additional precautions are at: http://waterdata.usgs.gov/nwis/qwdata?help#Data_retrievals_precautions.

USGS 383818090460001 WSSRAP-MRA 2 SHALLOW NEAR DEFIANCE

St Charles County, Missouri

Hydrologic Unit Code 10300200

Latitude 38°38'18", Longitude 90°46'00" NAD27

Land-surface elevation 465.8 feet above NGVD29

The depth of the well is 49.8 feet below land surface.

The depth of the hole is 49.8 feet below land surface.

This well is completed in the Alluvial aquifers (N100ALLUVL) national aquifer.

This well is completed in the Holocene Alluvium (111ALVM) local aquifer.

Output formats

Parameter Group Period of Record table
Inventory of available water-quality data for printing
Inventory of water-quality data with retrieval
Tab-separated data, one result per row
Tab-separated data one sample per row with remark codes combined with values
Tab-separated data one sample per row with tab-delimiter for remark codes
Reselect output format

Sample Datetime	Time datum	Time datum reliability code	Sample Medium Code	Agency Collecting Sample, Code	Arsenic water, fltrd, ug/L (01000)
1992-04-09 11:00	CDT	T	WG	USGS-WRD	8
1992-05-12 13:00	CDT	T	WG	USGS-WRD	7
1992-06-09 16:45	CDT	T	WG	USGS-WRD	7

The data you have secured from the USGS NWISWeb database may include data that have not received Director's approval and as such are provisional and subject to revision. The data are released on the condition that neither the USGS nor the United States Government may be held liable for any damages resulting from its authorized or unauthorized use. To view additional data-quality attributes, output the results using these options: one result per row, expanded attributes. Additional precautions are at:

http://waterdata.usgs.gov/nwis/qwdata?help#Data_retrievals_precautions.

USGS 383818090460002 WSSRAP-MRA 2 DEEP NEAR DEFIANCE

St Charles County, Missouri

Hydrologic Unit Code 10300200

Latitude 38°38'18", Longitude 90°46'00" NAD27

Land-surface elevation 465.8 feet above NGVD29

The depth of the well is 69.6 feet below land surface.

The depth of the hole is 69.6 feet below land surface.

This well is completed in the Alluvial aquifers (N100ALLUVL) national aquifer.

This well is completed in the Holocene Alluvium (111ALVM) local aquifer.

Output formats

Parameter Group Period of Record table
Inventory of available water-quality data for printing
Inventory of water-quality data with retrieval
Tab-separated data, one result per row
Tab-separated data one sample per row with remark codes combined with values
Tab-separated data one sample per row with tab-delimiter for remark codes
Reselect output format

Sample Datetime	Time datum	Time datum reliability code	Sample Medium Code	Agency Collecting Sample, Code	Arsenic water, fltrd, ug/L (01000)
1992-04-09 10:00	CDT	T	WG	USGS-WRD	6
1992-05-12 10:00	CDT	T	WG	USGS-WRD	6
1992-06-09 16:00	CDT	T	WG	USGS-WRD	6

The data you have secured from the USGS NWISWeb database may include data that have not received Director's approval and as such are provisional and subject to revision. The data are released on the condition that neither the USGS nor the United States Government may be held liable for any damages resulting from its authorized or unauthorized use. To view additional data-quality attributes, output the results using these options: one result per row, expanded attributes. Additional precautions are at:

http://waterdata.usgs.gov/nwis/qwdata?help#Data_retrievals_precautions.

USGS 383824090461501 WSSRAP-MRA 1 SHALLOW NEAR DEFIANCE

St Charles County, Missouri

Hydrologic Unit Code 10300200

Latitude 38°38'24", Longitude 90°46'15" NAD27

Land-surface elevation 462.0 feet above NGVD29

The depth of the well is 31.12 feet below land surface.

The depth of the hole is 31.12 feet below land surface.

This well is completed in the Alluvial aquifers (N100ALLUVL) national aquifer.

This well is completed in the Holocene Alluvium (111ALVM) local aquifer.

Output formats

Parameter Group Period of Record table
Inventory of available water-quality data for printing
Inventory of water-quality data with retrieval
Tab-separated data, one result per row
Tab-separated data one sample per row with remark codes combined with values
Tab-separated data one sample per row with tab-delimiter for remark codes
Reselect output format

Sample Datetime	Time datum	Time datum reliability code	Sample Medium Code	Agency Collecting Sample, Code	Arsenic water, fltrd, ug/L (01000)
1992-04-09 15:00	CDT	T	WG	USGS-WRD	3
1992-05-15 16:00	CDT	T	WG	USGS-WRD	3
1992-06-10 09:45	CDT	T	WG	USGS-WRD	3

The data you have secured from the USGS NWISWeb database may include data that have not received Director's approval and as such are provisional and subject to revision. The data are released on the condition that neither the USGS nor the United States Government may be held liable for any damages resulting from its authorized or unauthorized use. To view additional data-quality attributes, output the results using these options: one result per row, expanded attributes. Additional precautions are at:

http://waterdata.usgs.gov/nwis/qwdata?help#Data_retrievals_precautions.

USGS 383824090461502 WSSRAP-MRA 1 DEEP NEAR DEFIANCE

St Charles County, Missouri

Hydrologic Unit Code 10300200

Latitude 38°38'24", Longitude 90°46'15" NAD27

Land-surface elevation 462.0 feet above NGVD29

The depth of the well is 39.4 feet below land surface.

The depth of the hole is 39.4 feet below land surface.

This well is completed in the Alluvial aquifers (N100ALLUVL) national aquifer.

This well is completed in the Holocene Alluvium (111ALVM) local aquifer.

Output formats

Parameter Group Period of Record table
Inventory of available water-quality data for printing
Inventory of water-quality data with retrieval
Tab-separated data, one result per row
Tab-separated data one sample per row with remark codes combined with values
Tab-separated data one sample per row with tab-delimiter for remark codes
Reselect output format

Sample Datetime	Time datum	Time datum reliability code	Sample Medium Code	Agency Collecting Sample, Code	Arsenic water, fltrd, ug/L (01000)
1992-03-03 17:00	CST	T	WG	USGS-WRD	9
1992-04-09 13:45	CDT	T	WG	USGS-WRD	7
1992-05-15 14:30	CDT	T	WG	USGS-WRD	6
1992-06-10 09:15	CDT	T	WG	USGS-WRD	6

The data you have secured from the USGS NWISWeb database may include data that have not received Director's approval and as such are provisional and subject to revision. The data are released on the condition that neither the USGS nor the United States Government may be held liable for any damages resulting from its authorized or unauthorized use. To view additional data-quality attributes, output the results using these options: one result per row, expanded attributes. Additional precautions are at: http://waterdata.usgs.gov/nwis/qwdata?help#Data_retrievals_precautions.

USGS 383923090442101 T45N R02E 13 1

St Charles County, Missouri

Hydrologic Unit Code 10300200

Latitude 38°39'23", Longitude 90°44'21" NAD27

Land-surface elevation 456 feet above NGVD29

The depth of the well is 100 feet below land surface.

This well is completed in the Alluvial aquifers (N100ALLUVL) national aquifer.

This well is completed in the Quaternary System (110QRNR) local aquifer.

Output formats

Parameter Group Period of Record table
Inventory of available water-quality data for printing
Inventory of water-quality data with retrieval
Tab-separated data, one result per row
Tab-separated data one sample per row with remark codes combined with values
Tab-separated data one sample per row with tab-delimiter for remark codes
Reselect output format

Sample Datetime	Time datum	Time datum reliability code	Sample Medium Code	Agency Collecting Sample, Code	Arsenic water, fltrd, ug/L (01000)
1984-09-06 09:20	CDT	T	WG	USGS-WRD	1.0
1992-04-09 16:00	CDT	T	WG	USGS-WRD	1

The data you have secured from the USGS NWISWeb database may include data that have not received Director's approval and as such are provisional and subject to revision. The data are released on the condition that neither the USGS nor the United States Government may be held liable for any damages resulting from its authorized or unauthorized use. To view additional data-quality attributes, output the results using these options: one result per row, expanded attributes. Additional precautions are at: http://waterdata.usgs.gov/nwis/qwdata?help#Data_retrievals_precautions.

USGS 385158092261101 COLUMBIA MW 03-1A

Boone County, Missouri

Hydrologic Unit Code 10300102

Latitude 38°51'58", Longitude 92°26'11" NAD27

Land-surface elevation 571 feet above NGVD29

The depth of the well is 30 feet below land surface.

The depth of the hole is 30 feet below land surface.

This well is completed in the Alluvial aquifers (N100ALLUVL) national aquifer.

Output formats

Parameter Group Period of Record table
Inventory of available water-quality data for printing
Inventory of water-quality data with retrieval
Tab-separated data, one result per row
Tab-separated data one sample per row with remark codes combined with values
Tab-separated data one sample per row with tab-delimiter for remark codes
Reselect output format

--	--	--	--	--	--

Sample Datetime	Time datum	Time datum reliability code	Sample Medium Code	Agency Collecting Sample, Code	Arsenic water, fltrd, ug/L (01000)
1982-03-25 08:00	CST	T	WG	USGSNWQL	1.0

The data you have secured from the USGS NWISWeb database may include data that have not received Director's approval and as such are provisional and subject to revision. The data are released on the condition that neither the USGS nor the United States Government may be held liable for any damages resulting from its authorized or unauthorized use. To view additional data-quality attributes, output the results using these options: one result per row, expanded attributes. Additional precautions are at: http://waterdata.usgs.gov/nwis/qwdata?help#Data_retrievals_precautions.

USGS 383651091124701 New Haven OU1-TW-F

Franklin County, Missouri

Hydrologic Unit Code 10300200

Latitude 38°36'51", Longitude 91°12'47" NAD27

Land-surface elevation 498.02 feet above NGVD29

The depth of the well is 36.4 feet below land surface.

The depth of the hole is 37 feet below land surface.

This well is completed in the Alluvial aquifers (N100ALLUVL) national aquifer.

This well is completed in the Holocene Alluvium (111ALVM) local aquifer.

Output formats

Parameter Group Period of Record table
Inventory of available water-quality data for printing
Inventory of water-quality data with retrieval
Tab-separated data, one result per row
Tab-separated data one sample per row with remark codes combined with values
Tab-separated data one sample per row with tab-delimiter for remark codes
Reselect output format

					Arsenic
--	--	--	--	--	---------

Sample Datetime	Time datum	Time datum reliability code	Sample Medium Code	Agency Collecting Sample, Code	water, fltrd, ug/L (01000)
2000-11-08 10:30	CST	T	WG	USGS-WRD	2.9
2002-07-23 11:45	CDT	T	WG	USGS-WRD	5

The data you have secured from the USGS NWISWeb database may include data that have not received Director's approval and as such are provisional and subject to revision. The data are released on the condition that neither the USGS nor the United States Government may be held liable for any damages resulting from its authorized or unauthorized use. To view additional data-quality attributes, output the results using these options: one result per row, expanded attributes. Additional precautions are at:

http://waterdata.usgs.gov/nwis/qwdata?help#Data_retrievals_precautions.

USGS 391021094242301 INDEPENDENCE 29B

Jackson County, Missouri

Hydrologic Unit Code 10300101

Latitude 39°10'21", Longitude 94°24'23" NAD83

Land-surface elevation 726.31 feet above NAVD88

The depth of the well is 33 feet below land surface.

The depth of the hole is 33 feet below land surface.

This well is completed in the Alluvial aquifers (N100ALLUVL) national aquifer.

This well is completed in the Holocene Alluvium (111ALVM) local aquifer.

Output formats

Parameter Group Period of Record table
Inventory of available water-quality data for printing
Inventory of water-quality data with retrieval
Tab-separated data, one result per row
Tab-separated data one sample per row with remark codes combined with values
Tab-separated data one sample per row with tab-delimiter for remark codes
Reselect output format

Sample	Time	Time datum reliability	Sample Medium	Agency Collecting Sample,	Arsenic water, fltrd, ug/L

Sample Datetime	Time datum	Time datum reliability code	Sample Medium Code	Agency Collecting Sample, Code	Arsenic water, fltrd, ug/L (01000)
2013-12-03 10:45	CST	K	WG	USGS-WRD	0.36

The data you have secured from the USGS NWISWeb database may include data that have not received Director's approval and as such are provisional and subject to revision. The data are released on the condition that neither the USGS nor the United States Government may be held liable for any damages resulting from its authorized or unauthorized use. To view additional data-quality attributes, output the results using these options: one result per row, expanded attributes. Additional precautions are at:

<http://waterdata.usgs.gov/nwis/qwdata?>

[help#Data retrievals precautions.](#)

USGS 384337090294301 WLL-USGS-B4-S

St Louis County, Missouri

Hydrologic Unit Code 10300200

Latitude 38°43'37", Longitude 90°29'43" NAD83

Land-surface elevation 444 feet above NGVD29

The depth of the well is 25 feet below land surface.

The depth of the hole is 25 feet below land surface.

This well is completed in the Alluvial aquifers (N100ALLUVL) national aquifer.

This well is completed in the Holocene Alluvium (111ALVM) local aquifer.

Output formats

Parameter Group Period of Record table
Inventory of available water-quality data for printing
Inventory of water-quality data with retrieval
Tab-separated data, one result per row
Tab-separated data one sample per row with remark codes combined with values
Tab-separated data one sample per row with tab-delimiter for remark codes
Reselect output format

Sample	Time	Time datum reliability	Sample Medium	Agency Collecting Sample,	Arsenic water, fltrd, ug/L
--------	------	------------------------	---------------	---------------------------	----------------------------

Datetime	datum	code	Code	Code	(01000)
2013-11-07 16:05	CST	K	WG	USGS-WRD	4.1

The data you have secured from the USGS NWISWeb database may include data that have not received Director's approval and as such are provisional and subject to revision. The data are released on the condition that neither the USGS nor the United States Government may be held liable for any damages resulting from its authorized or unauthorized use. To view additional data-quality attributes, output the results using these options: one result per row, expanded attributes. Additional precautions are at: http://waterdata.usgs.gov/nwis/qwdata?help#Data_retrievals_precautions.

USGS 384344090283701 WLL-USGS-B3

St Louis County, Missouri

Hydrologic Unit Code 10300200

Latitude 38°43'34", Longitude 90°28'48" NAD83

Land-surface elevation 447 feet above NGVD29

The depth of the well is 80 feet below land surface.

The depth of the hole is 80 feet below land surface.

This well is completed in the Alluvial aquifers (N100ALLUVL) national aquifer.

This well is completed in the Holocene Alluvium (111ALVM) local aquifer.

Output formats

Parameter Group Period of Record table
Inventory of available water-quality data for printing
Inventory of water-quality data with retrieval
Tab-separated data, one result per row
Tab-separated data one sample per row with remark codes combined with values
Tab-separated data one sample per row with tab-delimiter for remark codes
Reselect output format

Sample Datetime	Time datum	Time datum reliability code	Sample Medium Code	Agency Collecting Sample, Code	Arsenic water, fltrd, ug/L (01000)
2013-11-07 14:20	CST	K	WG	USGS-WRD	2.6