## Where's the Data? Utah Division of Water Rights



## Statutory Authority

- The State Engineer is responsible for the measurement of waters of the state. (73-2-1[3][a])
- A person using water shall construct or install and maintain controlling works and a measuring device (73-5-4[1])
- A person using water shall make the controlling works and measuring device accessible to the state engineer or water commissioner. (73-5-4[2])
- The State Engineer may collect and validate water use data. (73-5-8[2])

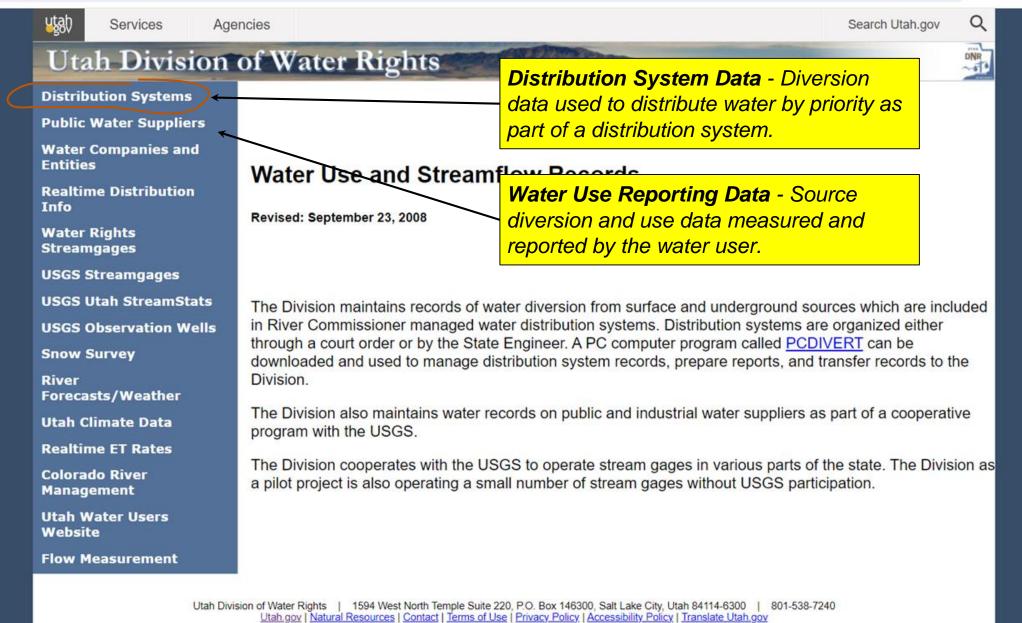








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Services Agencies

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## **Utah Division of Water Rights**

### Water Distribution/Regulation

#### Revised: September 26, 2016

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The Division maintains records of water diversion from surface and underground sources which are included in River Commissioner managed water distribution systems. Distribution systems are organized either through a court order or by the State Engineer. Distribution systems are funded through assessments to water users. Water distribution, financial records, and system operating notes are selected from this page.

Notices and Priority Cuts	Assessments and Accounting	Water Right Activity	Commissioner Reports
Notices and general information, inlcuding priority cuts, for water users with a given distribution system	Information regarding financial records for disribution systems that have been set up accordingly	Lists of recent applications and water right conveyances within the distribution system area Please select a system for more information.	Documents related to the commissioner's annual report Please select a system for more information.
System Documents	Water Records	Мар	System Diagram
Documents other than those related to the commissioner's annual report Please select a system for more information.	Flow records, including real-time flow measurements Please select a system for more information.	Map showing distribution stations having coordinate information	Diagram describing flow interrelationship between water record stations Please select a system for more information.
Distribution Models	Groundwater Accounting		1

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## Utah Division of Water Rights

### Water Distribution/Regulation

#### Revised: September 26, 2016

The Division maintains records of water diversion from surface and underground sources which are included in River Commissioner managed water distribution systems. Distribution systems are organized either through a court order or by the State Engineer. Distribution systems are funded through assessments to water users. Water distribution, financial records, and system operating notes are selected from this page.

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#### Distribution Systems: WEBER RIVER

Notices and Priority Cuts	Assessments and Accounting	Water Right Activity	Commissioner Reports
Notices and general information, inlcuding priority cuts, for water users with a given distribution system	Information regarding financial records for disribution systems that have been set up accordingly	Lists of recent applications and water right conveyances within the distribution system area	Documents related to the commissioner's annual report
System Documents	Water Records	Мар	System Diagram
Documents other than those related to the commissioner's annual report	Flow records, including real-time flow measurements	Map showing distribution stations having coordinate information	Diagram describing flow interrelationship between water record stations
			There is no diagram for the selected system.
Distribution Models	Groundwater Accounting		
Medale for distributing quailable	Manned injection data, allowed		

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## **Utah Division of Water Rights**

Agencies

#### **Distribution Water Records**

Services

#### WEBER RIVER

Realtime values in red were collected more than 8 hours ago. External Info: <u>www.weberbasin.com</u>

Diversion Summary Multi-Station Download

#### Station Filters

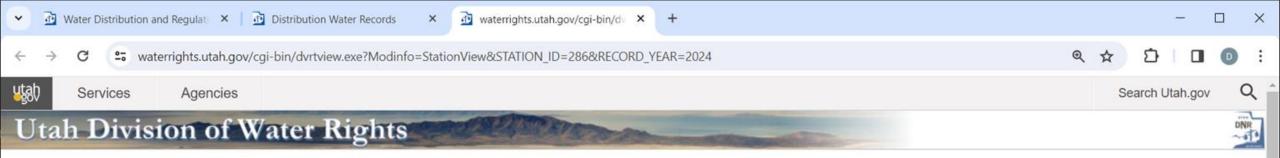
Status: Active 🗸

Realtime: All

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Group: All Groups 🗸 Subgroup: 🗸

	Station Name	Status	Group	Subgroup	Last Realtime Value	Date/Time
View	ALBERT GIBBONS DITCH	A	^ECHO			
<u>View</u>	ALBERT GIBBONS DITCH (RES)	А	^ECHO			
View	ALDER DITCH (NEW)	А	<b>^ROCKPORT</b>			
<u>View</u>	ANDERTON BROTHERS DITCH	А	^GATEWAY			
<u>View</u>	ANDERTON BROTHERS DITCH (RES)	A	^GATEWAY			
View	BANNER-DEMING DITCH	A	^ECHO	CHALK		
View	BANNER-DEMING DITCH (RES)	A	^ECHO	CHALK		
<u>View</u>	BEAVER CREEK AT ROCKY POINT	A			48.21 CFS	3/11/2024 8:58 AM
View	BEAVER CREEK NEAR GRIST MILL	A			10.99 CFS	3/11/2024 9:55 AM
View	BEAVER SPRINGS	A	<b>^ROCKPORT</b>			
<u>View</u>	BOULDERVILLE DITCHES	A	<b>^ROCKPORT</b>		2.17 CFS	3/11/2024 10:00 AM
<u>View</u>	BOULDERVILLE DITCHES (RES)	A	<b>^ROCKPORT</b>			
View	BOYER DITCH	A	^ECHO	CHALK		



#### **DVRTVIEW River Commissioner Records Viewer**

Version: 2024.02.29.00 Rundate: 03/11/2024 10:57 AM

#### **Station Information**

Select to View Records	Photos and Documents Map Location Quit
Select to View Records	
Daily Values Table	EBER RIVER
Monthly Summary Table Comma Delimited Table Values vs Time Plot	ANNER-DEMING DITCH ECHO HALK
Status:	Active
Description:	NEAR UPTON
Diverting Works:	cobbles and ditch headgate
	2-FT PARSHALL FLUME
Location:	4531965.144 Northing, 485659.925 Easting UTM (NAD83)
Record Type:	MEAN daily discharge in CFS
Record Rating:	Unrated
Record Period:	1965 to 2023
Water Rights:	35-8783

#### Comments:

In years 2013 and after, this record includes both storage water and natural flow water combined. In years 2012 and prior, this record reports natural flow deliveries without storage water. The change facilitates automated

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#### so waterrights.utah.gov/cgi-bin/dvrtview.exe G ← $\rightarrow$

CALENDAR	YEAR	2023	MEAN	daily	discharge	in	CFS	
----------	------	------	------	-------	-----------	----	-----	--

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ост	NOV
01	0.00	0.00	0.00	0.00	0.00	4.00	0.00	1.84	1.84	1.84	1101
02	0.00	0.00	0.00	0.00	0.00	4.00	0.00	1.84	1.84	1.84	
03	0.00	0.00	0.00	0.00	0.00	4.00	0.00	1.84	1.84	1.84	
04	0.00	0.00	0.00	0.00		4.00				1.84	
					0.00		0.00	1.84	1.84		
05	0.00	0.00	0.00	0.00	0.00	4.00	0.00	1.84	1.84	1.84	
06	0.00	0.00	0.00	0.00	0.00	4.00	3.00	1.84	1.84	1.84	
07	0.00	0.00	0.00	0.00	0.00	4.00	3.00	1.84	1.84	1.84	
08	0.00	0.00	0.00	0.00	0.00	4.00	3.00	1.84	1.84	1.84	
09	0.00	0.00	0.00	0.00	0.00	4.00	3.00	1.84	1.84	1.84	
10	0.00	0.00	0.00	0.00	0.00	4.00	3.00	1.84	1.84	1.84	
11	0.00	0.00	0.00	0.00	0.00	4.00	3.00	1.84	1.84	1.84	
12	0.00	0.00	0.00	0.00	0.00	4.00	3.00	1.84	1.84	1.84	
13	0.00	0.00	0.00	0.00	0.00	4.00	3.00	1.84	1.84	1.84	
14	0.00	0.00	0.00	0.00	0.00	4.00	3.00	1.84	1.84	1.84	
14		0.00								1.04	
15	0.00	0.00	0.00	0.00	0.00	4.00	3.00	1.84	1.84		
16	0.00	0.00	0.00	0.00	0.00	0.00	3.00	1.84	1.84		
17	0.00	0.00	0.00	0.00	0.00	0.00	3.00	1.84	1.84		
18	0.00	0.00	0.00	0.00	0.00	0.00	3.00	1.84	1.84		
19	0.00	0.00	0.00	0.00	0.00	0.00	3.00	1.84	1.84		
20	0.00	0.00	0.00	0.00	0.00	0.00	3.00	1.84	1.84		
21	0.00	0.00	0.00	0.00	0.00	0.00	1.84	1.84	1.84		
22	0.00	0.00	0.00	0.00	0.00	0.00	1.84	1.84	1.84		
23	0.00	0.00	0.00	0.00	0.00	4.00	1.84	1.84	1.84		
24	0.00	0.00	0.00	0.00	0.00	4.00	1.84	1.84	1.84		
25	0.00	0.00	0.00	0.00	4.00	4.00	1.84	1.84	1.84		
26	0.00	0.00	0.00	0.00	4.00	4.00	1.84	1.84	1.84		
27	0.00	0.00	0.00	0.00	4.00	4.00	1.84	1.84	1.84		
28	0.00	0.00	0.00	0.00	4.00	4.00	1.84	1.84	1.84		
29	0.00		0.00	0.00	4.00	4.00	1.84	1.84	1.84		
30	0.00		0.00	0.00	4.00	4.00	1.84	1.84	1.84		
31	0.00		0.00		4.00		1.84	1.84			
	0.00		0.00				2.04	2.04			
Moon	0.00	0.00	0.00	0.00	0.00	2 07	2 10	1 04	1 04	1 04	
Mean Min	0.00	0.00	0.00	0.00	0.90	3.07	2.10	1.84	1.84	1.84	
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.84	1.84	1.84	
Max	0.00	0.00	0.00	0.00	4.00	4.00	3.00	1.84	1.84	1.84	
Acft	0.00	0.00	0.00	0.00	55.54	182.48	129.40	113.14	109.49	51.09	



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## **Utah Division of Water Rights**

Agencies

#### Distribution Systems

Public Water Suppliers

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Services

Water Companies and Entities

Realtime Distribution Info

Water Rights Streamgages

**USGS Streamgages** 

USGS Utah StreamStats

**USGS Observation Wells** 

**Snow Survey** 

River Forecasts/Weather

**Utah Climate Data** 

**Realtime ET Rates** 

Colorado River Management

Utah Water Users Website

**Flow Measurement** 

### Water Use and Streamflow Records

Revised: September 23, 2008

The Division maintains records of water diversion from surface and underground sources which are included in River Commissioner managed water distribution systems. Distribution systems are organized either through a court order or by the State Engineer. A PC computer program called <u>PCDIVERT</u> can be downloaded and used to manage distribution system records, prepare reports, and transfer records to the Division.

The Division also maintains water records on public and industrial water suppliers as part of a cooperative program with the USGS.

The Division cooperates with the USGS to operate stream gages in various parts of the state. The Division as a pilot project is also operating a small number of stream gages without USGS participation.

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waterrights.utah.gov/distinfo/wuse.asp

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## **Utah Division of Water Rights**

Agencies

#### Water Use Data

Water Use Publications

Services

Water Use Contact

Water Use Online Reporting

**Culinary Water Service** Areas

**Application for** Secondary Metering at Strategic Points

## Utah Water Use Program

#### Revised: November 2, 2001

The Utah Water Use Program is a cooperative effort administered by the the US Geological Survey and the Utah Divisions of Water Resources, Drinking Water, and Water Rights. The purpose of the program is to collect and compile water use and water diversion data from public water suppliers throughout the state of Utah. These data are used by the above listed agencies for various purposes which include water resource studies and water management policy development. Additionally, this information has proved invaluable to consultants, engineers, attorneys, and others interested in guantification of water supply system characteristics and total water diverted and placed to use.

Water use data is gathered through an annual survey conducted by the Division of Water Rights. A water use data form is mailed in the first week of January of each year to public water supply companies capable of diverting significant quantities of water. The data form calls for the monthly diversions from each source operated by the respective water supplier and the purposes for which that water was used during the previous calendar year. In many cases the data submitted by water suppliers are estimated and the reliability of these data are unknown. Neither the Division of Water Rights nor its cooperators take responsibility for the accuracy or completeness of the data submitted and provided herein. It is the responsibility of the users of this information to confirm all data.

Services

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## utah **Utah Division of Water Rights**

Agencies

#### Water Records/Use Information Viewer



System Name	<ul> <li>Status</li> </ul>	Туре	County
17th North Water Users		Secondary	Cache
3L Properties, LLC (Gerald Larson)		Mgt Plan	Utah
4100 S State, LLC		Mgt Plan	Salt Lake
A-1 Tank Rental & Brine Service	Inactive	Industrial	Uintah
Aberdare Bench Canal Company		Mgt Plan	Beaver
Abram Barker	Inactive	Mgt Plan	Salt Lake
ACME Water Company		Public	Box Elder
Adam and Joslyn Percival		Mgt Plan	Uintah
Adam Anderson Farm		Mgt Plan	Utah
ADS Group, Inc.		Public	Garfield
Against the Wind Properties, LLC		Mgt Plan	Uintah
Air Liquide America Corporation	Inactive	Industrial	Utah
Alan J. Long and Gayle L. Long Family Trust		Mgt Plan	Utah
Alan Thomson	Inactive	Mgt Plan	Utah
Alfs Inn		Public	Salt Lake
All Power		Mgt Plan	Tooele
Allard Ranch Water Company		Public	Iron

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## **Utah Division of Water Rights**

Agencies

#### Water Records/Use Information Viewer

Data Export Filter Options		Filter Options			×		
	System Type	County					
System Name	Public Water Supplier	All None				County	
Angell Springs Special Service District	Industrial Supplier	Beaver	Box Elder	Cache		Washington	~
Big Plains Water Special Service Distri		Carbon	Daggett	Davis		Washington	
Big Plains Water Special Service Distri	Mgt Plan Reporting	Duchesne	Emery	Garfield		Washington	
Big Plains Water Special Service Distri	Status	Grand	Iron	Juab		Washington	
Central Culinary Water Company Inc.		Kane	Millard	Morgan		Washington	
City of Enterprise (Culinary)	Active	Piute	Rich	Salt Lake		Washington	
Dammeron Valley Water Works		San Juan	Sanpete	Sevier		Washington	
Diamond Valley Acres Water Company		Summit	Tooele	Uintah		Washington	
Dixie Deer Special Service District		Utah	U Wasatch	✓ Washington		Washington	
Grand View Consolidated Water User		Wayne	Weber			Washington	
Gunlock Special Service District						Washington	
Harmony Farms Water Users	Display Count: 50			Close		Washington	
Harmony Heights Water Company	Display Count. OC			Close		Washington	
Hesed Water Company				Public		Washington	
Hildale - Colorado City				Public		Washington	
Hurricane City Water System (Culinary	)			Public		Washington	
Ivins Citv				Public		Washington	Ŧ

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## **Utah Division of Water Rights**

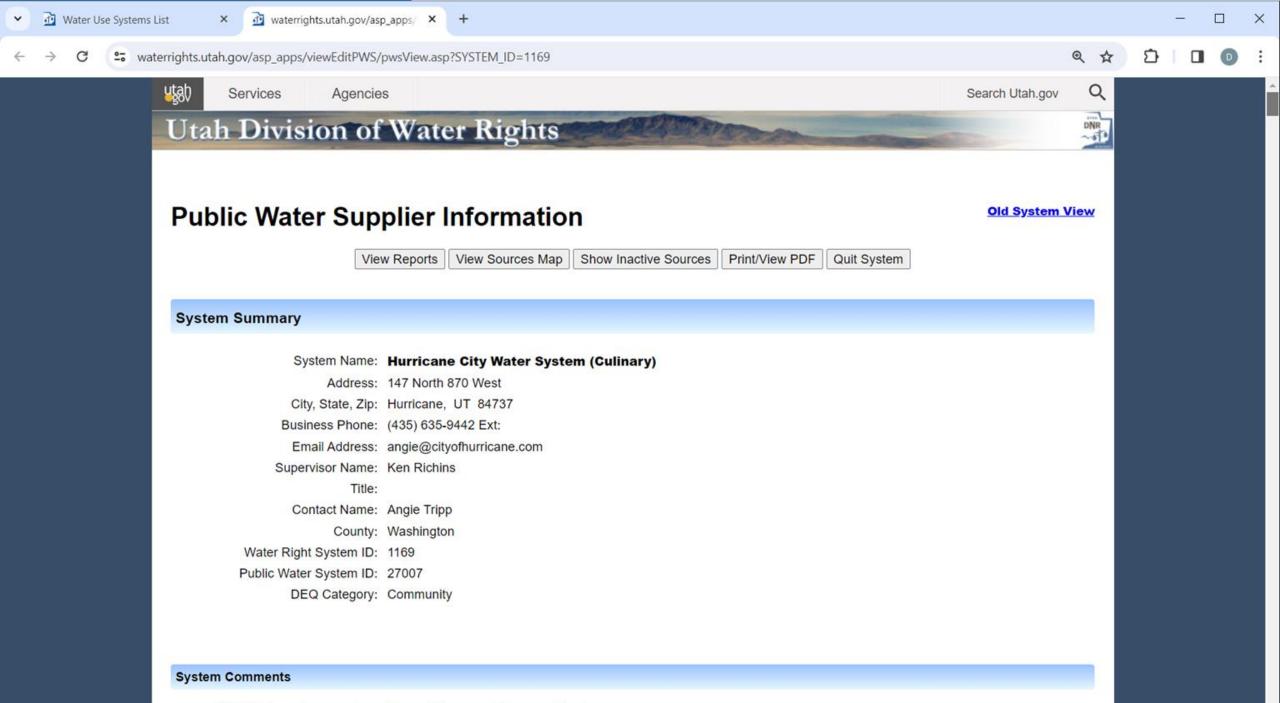
Agencies

#### Water Records/Use Information Viewer



System Name 🔺	Status	Туре	County
Angell Springs Special Service District		Public	Washington 🔶
Big Plains Water Special Service District - Apple Valley		Public	Washington
Big Plains Water Special Service District - Canaan Springs		Public	Washington
Big Plains Water Special Service District - Cedar Point		Public	Washington
Central Culinary Water Company Inc.		Public	Washington
City of Enterprise (Culinary)		Public	Washington
Dammeron Valley Water Works		Public	Washington
Diamond Valley Acres Water Company		Public	Washington
Dixie Deer Special Service District		Public	Washington
Grand View Consolidated Water User's Association		Public	Washington
Gunlock Special Service District		Public	Washington
Harmony Farms Water Users		Public	Washington
Harmony Heights Water Company		Public	Washington
Hesed Water Company		Public	Washington
Hildale - Colorado City		Public	Washington
Hurricane City Water System (Culinary)		Public	Washington
Ivins Citv		Public	Washington

A STATISTICS



(2004) No water use breakdown data quantity supplied.

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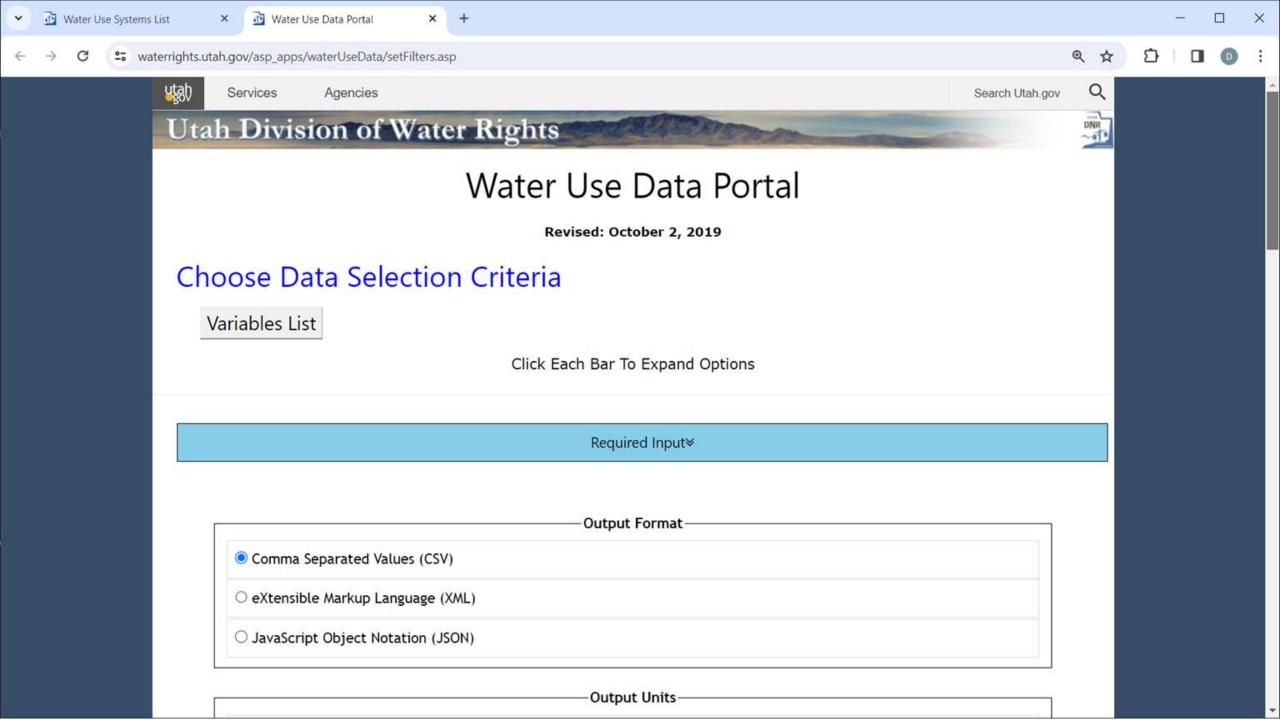
## **Utah Division of Water Rights**

Agencies

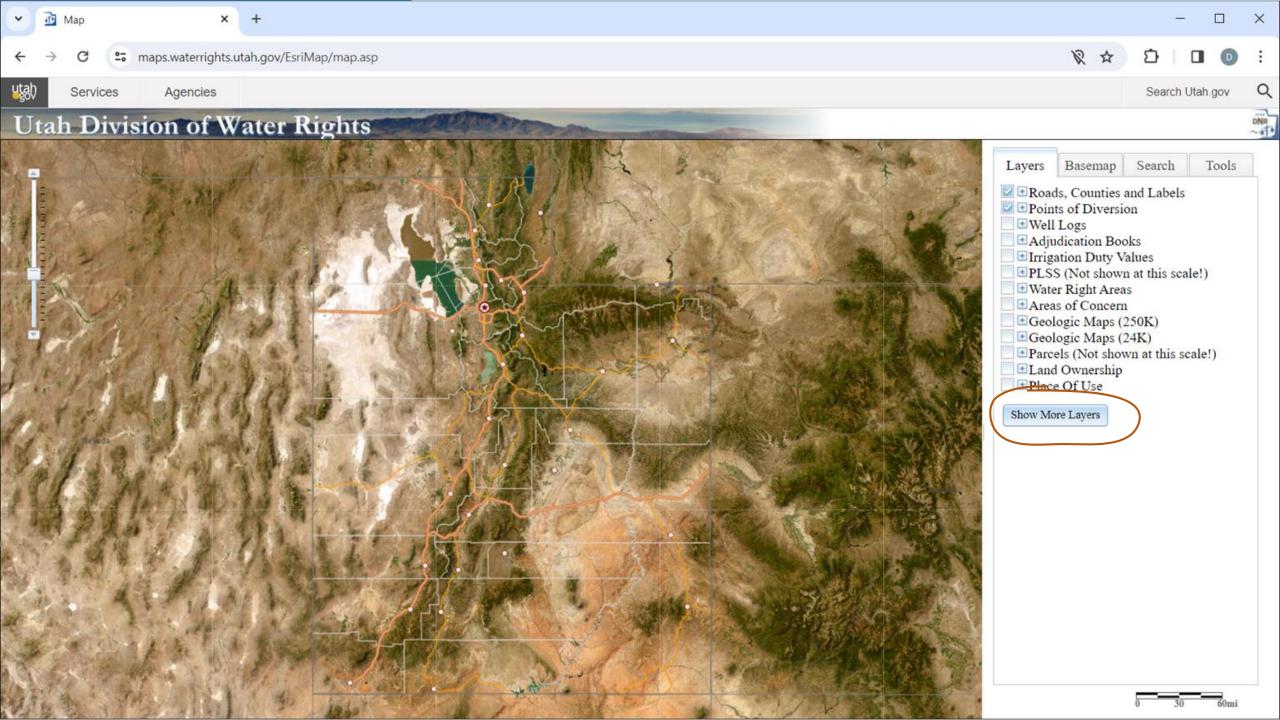
#### Water Records/Use Information Viewer

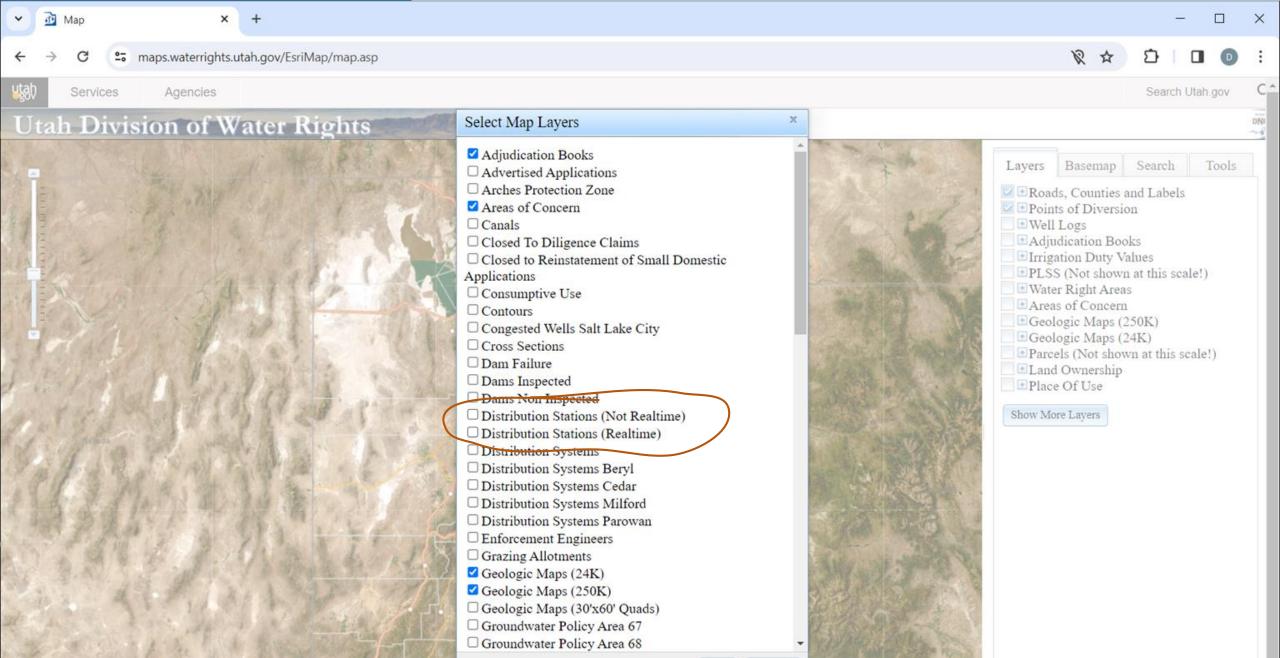


System Name	Status	Туре	County
Angell Springs Special Service District		Public	Washington
Big Plains Water Special Service District - Apple Valley		Public	Washington
Big Plains Water Special Service District - Canaan Springs		Public	Washington
Big Plains Water Special Service District - Cedar Point		Public	Washington
Central Culinary Water Company Inc.		Public	Washington
City of Enterprise (Culinary)		Public	Washington
Dammeron Valley Water Works		Public	Washington
Diamond Valley Acres Water Company		Public	Washington
Dixie Deer Special Service District		Public	Washington
Grand View Consolidated Water User's Association		Public	Washington
Gunlock Special Service District		Public	Washington
Harmony Farms Water Users		Public	Washington
Harmony Heights Water Company		Public	Washington
Hesed Water Company		Public	Washington
Hildale - Colorado City		Public	Washington
Hurricane City Water System (Culinary)		Public	Washington
Ivins City		Public	Washington









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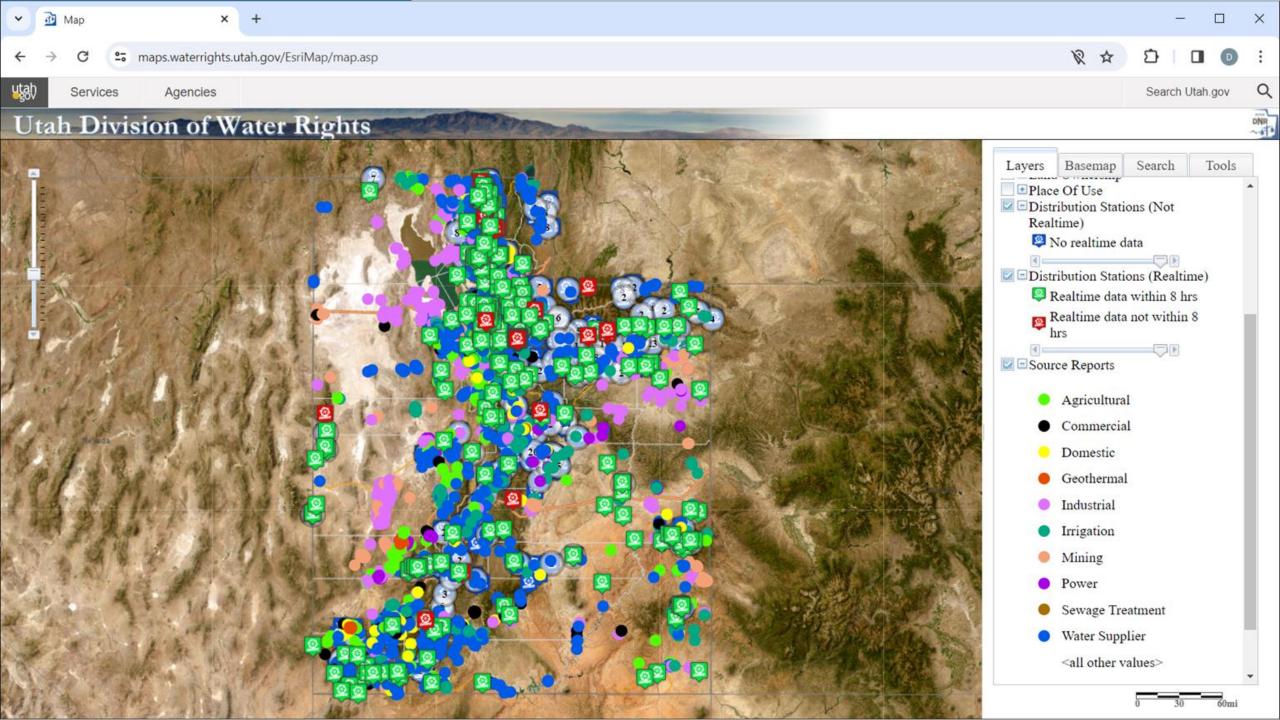
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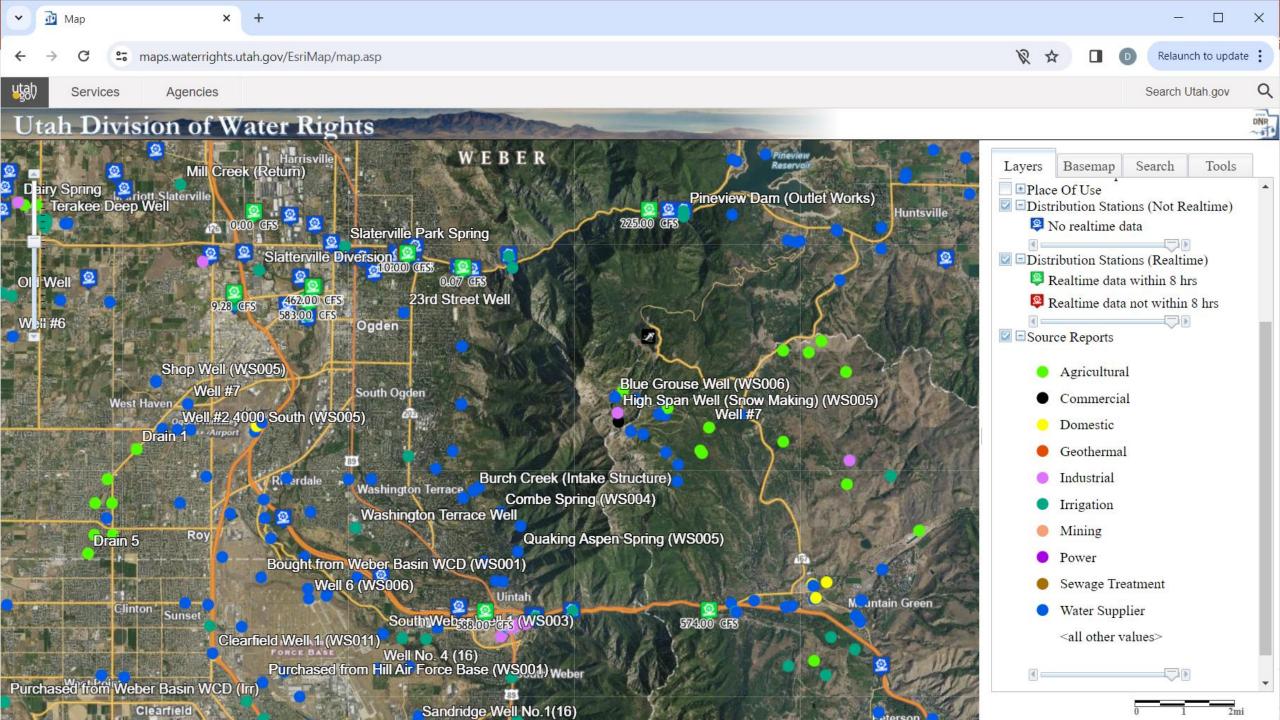
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Utah Division of Water Rights	Select Map Layers ×				DNI
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	Secondary Water Systems		Well Logs		
	Snyderville Groundwater Management Plan		Adjudication Boo	oks	
	Sovereign Waters	· ·	Irrigation Duty Va	alues	
	Stream Alteration Points		PLSS (Not shown		
and the state of t	Stream Alteration Specialist     Streams Rivers NHD		Water Right Area		
	□ Sub Basin Claims		Areas of Concern		
	Surface Plat Maps		Geologic Maps (2 Geologic Maps (2		
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	Water Use Culinary Boundaries				
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	Well Logs				
	☑ Water Right Areas				
	Weber River Exchanges				
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## **Coming Improvements**

- New "Data Services" Section
- Hydroinformatics Roadmap (USU)
- Water Rights Network

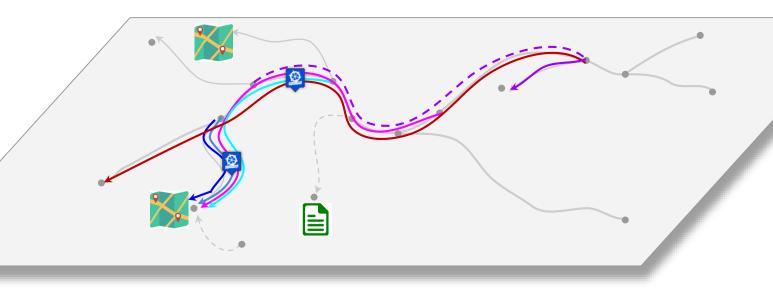




## Water Right Network Datasets

## CORE BUSINESS DATA BUILDS ON TOP

Water Rights Storage Deliveries Approved/Perfected Changes Diversion Measurements Water Use Data, GWCAT, etc. Distribution Accounting



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## FOUNDATION HYDROGRAPHY DATA

NHD - streams, reservoirs, lakes

Canal Inventory - canals, some pipelines

**POU Polygons** - irrigated field areas

& More...



## Water Right Network

- Data will be more accessible and understandable.
- The basis of diversion and depletion accounting will be clear.
- Distribution practices will be integrated with the water right record.
- It will be clear how the State Engineer shepherds water.





# Thank you.



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