
CONSOLIDATED UTAH GROUND-WATER INFORMATION LIST

The purpose of this site is to make the vast amount of Utah ground water related data more readily accessible so that academic, government, and private sector ground-water professionals can easily locate specific data. A secondary purpose is to alert these same professionals to the existence of the many Utah ground water related resources available to them through the Internet. This site also includes contact information for the various agencies and groups that participate in Utah ground water related activities. It is our hope that bringing these resources together will aid in the continuation and efficiency of ground water related work in Utah. This site was created by the joint effort of the Utah Geological Survey, The Utah Division of Water Resources, and the Utah Division of Water Rights. It is hosted and maintained by the Utah Division of Water Resources and updates are planned annually.

For convenience this site is divided into five sections

- [1. Federal government resources](#)**
- [2. State government resources](#)**
- [3. County and local governments resources](#)**
- [4. Academic Institutions](#)**
- [5. Other ground-water organizations resources.](#)**

Each of these sections is further divided into specific type of resource with the accompanying link or links.

[United States Government Agencies](#)

[United States Geological Survey \(USGS\)](#)

The U.S. Geological Survey, a bureau of the U.S. Department of the Interior, is a multi-disciplinary science organization that focuses on biology, geography, geology, geospatial information, and water. The USGS Utah Water Science Center, located in Salt Lake City, collects and analyses groundwater, water quality, and surface water data throughout the State. This information is available in published reports, searchable online databases, and directly through the local Water Science Center Office.

Contact: **USGS Utah Water Science Center**

Phone: 801-908-5000

E-mail: heilweil@usgs.gov

Resources available:

- [USGS Utah Water Science Center](#)
- [USGS Ground-water climate response network](#)
- [USGS Ground-water models](#)
- [United States ground-water atlas](#)
- [United States ground-water atlas of Utah](#)
- [USGS Utah reports](#)
- [USGS Utah fact sheets](#)
- [USGS Utah contact list](#)
- [Utah ground-water data](#)
- [General science topics](#)
- [Water supply papers](#)
- [Toxic substances hydrology program](#)
- [National Water Quality Assessment \(NAWQA\)](#)
- [USGS ground-water software](#)
- [USGS Publications Warehouse](#)

[Environmental Protection Agency \(EPA\)](#)

The mission of the Environmental Protection Agency is to protect human health and the environment.

Contact: **Judy Bloom, Environmental Protection Specialist**

Phone: (303) 312-6395

E-mail: bloom.judy@epa.gov

Resources available:

- [Ground water and drinking water page](#)
- [EPA National Catalog](#)
- [Underground injection control program](#)
- [Water quality standards](#)
- [Region 8 water page](#)
- [Region 8 ground-water page](#)

United States Department of Agriculture (USDA)

The USDA provides leadership on food, agriculture, natural resources, and related issues based on sound public policy, the best available science, and efficient management.

Contact: **Norm Evenstad**

Phone: (801) 524-4569

E-mail: norm.evenstad@ut.usda.gov

Resources available:

- [National Resource Conservation Service \(NRCS\)](#)
- [NRCS for Utah State](#)
- [NRCS Ground water](#)
- [National agriculture library \(research database\)](#)

National Aeronautics and Space Administration (NASA)

NASA purpose is to advance and communicate scientific knowledge and understanding of the earth, the solar system, and the universe. As well as it's more well known exploration of space.

Contact: **David Herring**

Phone: (301) 286-9515

E-mail: David.D.Herring@nasa.gov

Resources available:

- [The hydrosphere](#)
- [Groundwater](#)
- [Water quality](#)
- [Terrestrial ground water](#)
- [Global change master directory for ground water](#)

Bureau of Land Management (BLM)

The Bureau of Land Management, an agency within the U.S. Department of the Interior, administers 261 million surface acres of America's public lands, located primarily in 12 Western States. The BLM sustains the health, diversity, and productivity of the public lands for the use and enjoyment of present and future generations.

Contact: ?

Phone:

E-mail:

Resources available:

- [Utah BLM homepage](#)
- [Escalante](#)
- [BLM Utah ground water search](#)

Bureau of Reclamation

The Bureau of Reclamation is the largest wholesaler of water in the country. They bring water to more than 31 million people, and provide one out of five Western farmers (140,000) with irrigation water for 10 million acres of farmland.

Contact: **Tom Ryan**
Phone: (801)-524-3732
E-mail: Tryan@uc.usbr.gov

Resources available:

- [Upper Colorado Region](#)

Utah State Agencies

Department of Natural Resources Library

The Department of Natural Resources Library is administered by the Utah Geological Survey and has over 16,000 volumes and resources including topographic and geologic maps, videotapes, professional journals, professional society publications, well logs, theses and dissertations, CD-ROMs, and references about Utah's natural resources.

Contact: **Mage Yonetani, Librarian**
Phone: (801) 537-3333
E-mail: mageyonetani@utah.gov

Resources available:

- [DNR library online search](#)
 - Cataloged Geophysical well logs
 - UGS publications
 - Bibliographies based on geographic location available

Utah Geological Survey (UGS)

The Utah Geological Survey, a division of the Utah Department of Natural Resources, is an applied scientific agency that creates, interprets, and provides information about Utah's geologic environment, resources, and hazards to promote safe, beneficial, and wise use of land. The Ground Water and Paleontology Program conducts studies of environmental change to aid resource management, evaluates the quantity and quality of Utah's ground-water resources.

Contact: **Mike Lowe**
Phone: 801-537-3389
Email: mikelowe@utah.gov

Resources available:

- [Hydrologic cycle and springs data](#)
- [Aquifer storage and recovery projects](#)
- [Ground-water resources](#)
- [Recharge and discharge areas](#)
- [Ground-water sensitivity and vulnerability to pesticides](#)
- [Water quality](#)

- [Wastewater disposals systems](#)
- [Ground-water maps](#)

Utah Division of Water Rights

Administers the use of Utah's water based on established law and water rights by providing prompt, quality service and consideration for public interest and the environment.

Contact: **James Greer**
Phone: (801) 538-7240
Email: Jamesgreer@utah.gov

Resources available:

- [Wells](#)
- [GIS data](#)
- [Publications](#)
- [Ground-water management plans](#)
- [Publications](#)
- [Water well handbook](#)
- [Well drilling database](#)
- [Groundwater data](#)
- [Aquifer Storage and Recovery](#)
- [Water Use Data](#)

Utah Division of Water Resources

To promote the orderly and timely planning, conservation, development, utilization and protection of Utah's water resources.

Contact: **Mike Suflita**
Phone: (801) 538-7267
Email: Mikesuflita@utah.gov

Resources available:

- [Conjunctive management report](#)
- [Water reuse in Utah](#)
- [Water related Land Use Data](#)

Utah Division of Oil, Gas and Mining

The mission of the Utah Division of Oil, Gas and Mining is to regulate the exploration and development of coal, oil and gas, and other minerals in a manner which 1) encourages responsible reclamation and development; 2) protects correlative rights; 3) prevents waste; and 4) protects human health and safety, the environment, and the interests of the state and its citizens.

Contact: **Dana Dean**
Phone: (801) 538-5320
Email: Danadean@utah.gov

Resources available:

- [Utah coal mining water quality database](#)

Utah Division of Water Quality

The purpose of the division is to protect, maintain and enhance the quality of Utah's surface and underground waters for appropriate beneficial uses; and to protect the public health through eliminating and

preventing water related health hazards which can occur as a result of improper disposal of human, animal or industrial wastes while giving reasonable consideration to the economic impact. The Ground Water Protection Section of the Division of Water Quality administers two programs authorized by the Utah Water Quality Act: the state-mandated Utah Ground Water Quality Protection Program <http://www.waterquality.utah.gov/GroundWater/index.htm> and the federally-mandated Utah 1422 Underground Injection Control (UIC) Program <http://www.waterquality.utah.gov/UIC/index.htm>. Utah adopted an anti-degradation ground water protection policy in August 1989 to maintain and protect current and future beneficial uses of Utah's ground water resources. This policy recognizes that there are some effects to ground water from man's activities and limits those effects to acceptable levels. The primary task of the Ground Water Quality Protection Program is the issuance and enforcement of ground water quality discharge permits to minimize impacts to ground water quality for facilities that would probably result in a discharge of pollutants directly or indirectly into ground water.

Other important tasks include:

- [Public outreach and education on ground water protection](#)
- [Ground water classification of aquifers](#)
- [Ground water permit-by-rule determinations](#)
- [Ground water corrective actions](#) (under construction)

Contact: **Rob Herbert**
Phone: (801) 538-6038
Email: Rherbert@utah.gov

Other resources available include:

- [Water quality data](#)
- [Watershed Total daily maximum load \(TMDL\)](#)
- [Publications & Rules](#)

The UIC Program was mandated by the Safe Drinking Water Act to protect underground sources of drinking water (USDW) from endangerment by subsurface emplacement of fluids. The Utah Division of Water Quality, received primacy from EPA on February 10, 1983 to administer the UIC program in Utah under section 1422 of the Safe Drinking Water Act for Class I, III, IV and V wells. In Utah, the UIC program under section 1425 of the Safe Drinking Water Act for Class II injection wells is administered by the Utah Division of Oil, Gas, and Mining. Please contact Gilbert Hunt at (801) 538-5297 or gilhunt@utah.gov for information regarding Class II injection wells in Utah. Facilities regulated under the Utah UIC Program are permitted by rule under the Utah Ground Water Quality Protection Program. Contact: **Candace Cady**
Phone: (801) 538-9260
Email: ccady@utah.gov

Division of Drinking Water

To protect the public against waterborne health risks through education, assistance, and oversight

Contact: **Kevin Brown, Director**
Phone: (801) 536-4188
E-mail: kwbrown@utah.gov

Resources available:

- [Source protection plans including aquifer information](#)

Division of Information Technology Services

The Utah Automated Geographic Reference Center (AGRC) provides a wide range of Geographic Information System (GIS) support to the State of Utah. AGRC strives to facilitate coordination among Utah

GIS users and effective, efficient use of GIS resources.

Contact: **Cindy Clark, SGID Administrator**

Phone: (801) 537-9201

E-mail: cclark@utah.gov

Resources available:

- GIS Water Data?

[Department of Agriculture and Food](#)

The State Ground Water Program, a non-regulatory program administered by the Utah Department of Agriculture and Food (UDAF), was implemented in 1996 to assist private well owners in determining the quality of their drinking, irrigation, and livestock water. The program receives assistance from local soil and water conservation districts in the selection of wells to sample. It should be noted that names, addresses and precise sample location information is protected information, though all published data is for public use.

Contact: **Mark Quilter, Ground-water and salinity specialist**

Phone: (801) 538-9905

E-mail: mquilter@utah.gov

Resources available:

- [State Groundwater report](#)
- [Ground water and pesticide program](#)
- [Complete services list](#)
- [Free well testing service](#)

County and other Local Government Agencies

[Jordan Valley Water Conservancy District](#)

Jordan Valley Water Conservancy District is a political subdivision of the State of Utah. Jordan Valley is primarily a wholesaler of water to cities and improvement districts within Salt Lake County. It also has a retail service area in unincorporated areas of the county.

Contact: **Shazelle Terry**

Phone: (801) 446-2000

E-mail: Shazellet@jvwcd.org

Resources available:

- Visit website for more information

[Southwest Jordan Valley groundwater project](#)

The Metropolitan Water District of Salt Lake & Sandy (MWDSLs) is a special service district formed in 1935 by the Salt Lake City Commission. Its primary function was to create a firm water supply for Salt Lake City. Sandy City joined the District in 1990. Currently the District provides wholesale water to Salt Lake City and Sandy City. Surplus water deliveries are made to Jordan Valley Water Conservancy District and others depending on the status of water supply and system capacity.

Contact: **Michael L. Wilson, General Manager**

Phone: (801) 942-9685

E-mail: mwilson@mwdsls.org

Resources available:

- Visit website for more information

[Weber Basin Water Conservancy District.](#)

WBWCD is Utah's largest secondary water provider. WBWCD provides wholesale supplies to many retail agencies across the Wasatch Front and operates various retail areas.

Contact: **Sherrie Mobley**

Phone: (801) 771-1677

E-mail: smobley@weberbasin.com

Resources available:

- Visit website for more information

[Central Utah Water Conservancy District.](#)

Central Utah Water Conservancy District has, as its primary mission, the protection, preservation, management, and conservation of the water resources within its ten-county boundaries.

Contact: **David Pitcher**

Phone: (801) 226-7121

E-Mail: dave@cuwcd.com

Resources available:

- Visit website for more information

[Washington County Water Conservancy District](#)

The District is primarily a wholesaler of water to other agencies. The main role of the District is to develop or purchase water where it is available for its service area. The District is committed to serving its water customers in an efficient and cost-effective manner. The District serves water on a retail basis only when other local providers are not available or do not have facilities to do so. The District is dedicated to the development of a resource in an environmentally sound manner.

Contact: General contact

Phone: (435) 673-3617

E-mail: wcd@utah.gov

Resources available:

- Visit website for more information

Academic Institutions

[Utah State University water quality homepage](#)

Contact: **Nancy Mesner, Water quality specialist**

Phone: (435) 797-2465

E-mail: nancym@ext.usu.edu

Resources available:

[Water quality interpretation too](#)
[Utah water research laboratory](#)

[Utah center for water resources research](#)
[The Utah water journal](#)
[Utah Agricultural Experiment Station](#)

[Great Salt Lake Basin Hydrologic Observatory](#)

This Web site and the associated prospectus for the Great Salt Lake basin as a hydrologic observatory have been developed in response to a solicitation of prospectuses by the Consortium of Universities for the Advancement of Hydrologic Science, Inc.

Contact: **David Tarboton, Utah State University**

Phone: (435) 797-3172

E-mail: david.tarboton@usu.edu

Or **Bill Johnson, University of Utah**

Phone: (801) 581-5033

E-mail: wjohnson@mines.utah.edu

Resources available:

- An Internet map server with extensive hydrologic data covering the Great Salt Lake basin, including National Atlas information on aquifers and USGS stream flow, water quality and water level monitoring sites.
- An inventory of data sources (including ground water) and water research activities in the Great Salt Lake basin.

[Brigham Young University](#)

[Environmental Modeling Research Laboratory \(EMRL\)](#)

The mission of the EMRL is to promote an atmosphere of academic research consistent with university goals and within which faculty and students can pursue issues related to computer graphics and environmental modeling. The laboratory is funded through a combination of royalties from software sales and research contracts. Our primary research sponsor is the US Army Engineer Research and Development Center.

Contact: **General** (801) 422-2812

Norm Jones (director) (801) 422-7569

Gus Williams (801) 422-7810

E-mail: emrl@byu.edu

njones@et.byu.edu

gwilliams@et.byu.edu

Resources available:

- [Geo-spatial data acquisition](#)

[Consortium of Universities for the Advancement of Hydrologic Science \(CUAHSI\)](#)

The Consortium of Universities for the Advancement of Hydrologic Science (CUAHSI) is an organization representing more than one hundred U.S. universities. CUAHSI receives support from the National Science Foundation to develop infrastructure and services for the advancement of hydrologic science and education in the United States.

Contact: **Conrad Matuik**

Phone: (202) 777-7307

E-mail: cmatuik@cuahsi.org

Resources available:

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Mississippi State University volume calculator

Contact: **Nancy Mesner, Water quality specialist**

Phone: (435) 797-2465

E-mail: nancym@ext.usu.edu

Resources available:

- [Water quality interpretation tool](#)

Non-Profit/ Professional Organizations

National Ground Water Association (NGWA)

The National Ground Water Association-dedicated to advancing the expertise of all ground water professionals and to furthering ground water awareness and protection through education and outreach.

Contact: **Customer Service**

Phone: (800) 551-7379

E-mail: customerservice@ngwa.org

Resources available:

- [Information for well owners](#)

American Water Resources Association (AWRA)

The American Water Resources Association is a non-profit professional association dedicated to the advancement of men and women in water resources management, research, and education.

Contact: **General contact**

Phone: (540) 687-8390

E-mail: info@awra.org

Resources available:

- Visit website for more information

American Water Works Association (AWWA)

The American Water Works Association (AWWA) is an international nonprofit scientific and educational society dedicated to the improvement of water quality and supply.

Contact: **General contact**

Phone: (800) 926-7337

<http://www.awwa.org/About/ContactUs.cfm>

Resources available:

- Visit website for more information

American Society of Civil Engineers (ASCE)

ASCE's mission is to provide essential value to our members, their careers, our partners and the public by developing leadership, advancing technology, advocating lifelong learning and promoting the profession.

Contact: **Bob Davis, Sunrise Engineering, Utah Section President ASCE**

Phone: (801) 523-0100

E-mail: rdavis@sunrise-eng.com

Resources available:

- Visit website for more information

[The National Hydrogeologist Homepage](#)

Serving the hydrogeological community since 1995, The Hydrogeologist's Home Page is a collection of hundreds of links to hydrogeological organizations, software and data repositories, publications, and other resources of potential use to hydrogeologists.

Contact:

Phone:

E-mail: info@thehydrogeologist.com

Resources available:

- Visit website for more information

[National Water Resource Association \(NWRA\)](#)

The National Water Resources Association is a nonprofit federation of state organizations whose membership includes rural water districts, municipal water entities, commercial companies and individuals. As an Association we are concerned with the appropriate management, conservation, and use of water and land resources on a national scope. NWRA works to balance the needs of people and the environment. We have worked closely with the Congress and the Executive Branch for over 50 years, establishing positive relationships with key resource management agencies and departments.

Contact: **General contact info**

Phone: (703) 524-1544

E-mail: nwra@nwra.org

Resources available:

- Visit website for more information

[Ground Water Resources Association of California \(GRA\)](#)

The GRA is dedicated to resource management that protects and improves groundwater through education and technical leadership.

Contact: **Kathy Snelson, Executive director**

Phone: (916) 446-3626

E-mail: executive_director@grac.org

Resources available:

- Visit website for more information

[International Association of Hydrogeologists \(IAH\)](#)

IAH is a scientific and educational organization whose aims are to promote research into and understanding of the proper management and protection of groundwater for the common good throughout the world.

Contact: **Sharon Warden, Membership administrator**

Phone: +44 (870) 762-4462

E-mail: swarden@iah.org

Resources available:

- Visit website for more information

[Ground Water Protection Council \(GWPC\)](#)

The Ground Water Protection Council is a national association of state ground water and underground injection control agencies whose mission is to promote the protection and conservation of ground water resources for all beneficial uses, recognizing ground water as a critical component of the ecosystem.

Contact: [General contacts page](#)

Phone: (405) 516-4972

Resources available:

- Visit website for more information

[American Ground Water Trust \(AGWT\)](#)

The Mission of the American Ground Water Trust is to: protect ground water, promote public awareness of the environmental and economic importance of ground water, provide accurate information to assist public participation in water resources decisions.

Contact: **General contact**

Phone: (603) 228-5444

E-mail: trustinfo@agwt.org

Resources available:

- Visit website for more information

[Publications Search Engines](#)
