

# 2015 Municipal and Industrial Water Use Data

2020 Version 3

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Utah Division of Water Resources



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# Mission, Authority and Purpose

## Mission

***The Utah Division of Water Resources' mission is to plan, conserve, develop and protect Utah's water resources.***

## Authority

Since the Utah Division of Water Resources' creation by the Utah State Legislature in 1967, it has been responsible for conducting investigations, completing studies, and writing plans to promote the responsible planning and management of water resources within the state of Utah. The 1990 Utah State Water Plan established a foundation for the state policy on water management. Our Division continues to investigate water planning issues and provides comprehensive water planning for the state by providing future water demand scenarios and addressing complex water issues. All of this is done in the form of educating the public and decision makers through the State Water Plan, Basin Planning Reports, special studies, website information and formal press releases.

## Purpose

This published report is the record of 2015 municipal and industrial (M&I) water use and supply for each Community Water System throughout Utah. The data was gathered by our staff from Annual Water Use Forms submitted to the Division of Water Rights (DWRi) and from water system representatives. The information presented in this report will be the new baseline M&I water use for the State Water Plan update, conservation goals and future Division reports and studies.



# Definitions

**Commercial Water Use:** This term is associated with business operations that may include drinking water, food preparation, personal sanitation and maintenance and/or irrigation of landscapes or facilities. Examples include office spaces, retail businesses, restaurants and hotels.

**Community Water System:** This term is defined as a water system which provides potable water and serve at least 15 service connections for year-round residents or regularly serve at least 25 year-round residents. Water from the water systems may be used in both indoor and outdoor applications for residential, commercial, institutional, and industrial purposes.

**Industrial Water Use:** This term is associated with the manufacturing or production of products. The volume of water used by industrial businesses can be considerably greater than water used by commercial businesses. Examples include manufacturing plants, oil and gas producers, mining companies, dairies and stock watering.

**Institutional Water Use:** This term is normally associated with various public agencies and institutions (i.e. schools, municipal buildings, churches) including drinking water, personal sanitation, facility cleaning and maintenance and irrigation of parks, cemeteries, playgrounds, recreational areas, golf courses, and other facilities. In cases where water used by cities for outside irrigation of public areas is not metered, we estimate use.

**Potable Water:** This is the term used for culinary or drinking water which meets all applicable federal, state, and local drinking water requirements for residential, commercial, institutional and industrial uses.

**Residential Water Use:** This term is associated with residential drinking water, cooking, washing clothes, miscellaneous cleaning, personal grooming and sanitation, irrigation of lawns, gardens and landscapes, and other residential activities. Residential dwellings

include single-family or multi-family homes, apartments, duplexes, twin homes, condominiums, and planned communities.

**Secondary Water Use:** This is non-potable or untreated water that does not meet EPA Safe Drinking Water requirements. Generally irrigation and canal companies deliver secondary water through open ditch systems or pressurized pipelines for irrigation of lawns, gardens, landscapes, parks, cemeteries, golf courses and other open areas. Water systems may also deliver secondary water throughout their service area. These systems are used to provide an alternative to using high quality potable water for irrigation.

**Supply:** This term refers to the amount of water available. Most potable water supply systems are owned by municipalities, but may be a private company, state agency, or federal agency, so a “public” water supply may be either publicly or privately owned.

**Vacation Home:** This is a second residence that is not the primary residence of the owner. Water systems with a large number of vacation homes sometimes distinguish vacation home water use from other full-time residential use.

**Water Use:** This is the portion of developed water supply that is delivered by a community water system to their customers. For the purpose of this report, the delivered water amount is equivalent to customer level water use and is what is being presented as potable and secondary water use for 2015. Water use is divided into four categories: residential, commercial, institutional, and industrial.

**Acre-Feet:** 1 acre foot is equal to 325,851 gallons of water.

**Gallons Per-Capita Day (GPCD):** This unit is arrived at by dividing total water use (including institutional, commercial, residential and industrial) by the number of residents in a given area.

# Acronyms

Acronym	Definition
ac-ft	acre-foot or acre-feet
AOG	Associations of Government
ASCE	American Society of Civil Engineers
AWWA	American Water Works Association
BCA/HAL	Bowen Collins & Associates/Hansen, Allen & Luce
DDW	Utah Division of Drinking Water
DWRe	Utah Division of Water Resources
DWRi	Utah Division of Water Rights
EPA	United States Environmental Protection Agency
ET	Evapotranspiration
GOMB	Governor's Office of Management and Budget
GPCD	gallons per capita (person) per day
GPI	Kem C. Gardner Policy Institute
GridET	Grid Evapotranspiration computer program
M36	AWWA Manual 36
M&I	Municipal and Industrial
MPO	Municipal Planning Organization
NAIP	National Agriculture Imagery Program
NASA	National A? Space Agency
PDM	Population Demand Model
PNC	Public Non-Community
UDOT	Utah Department of Transportation

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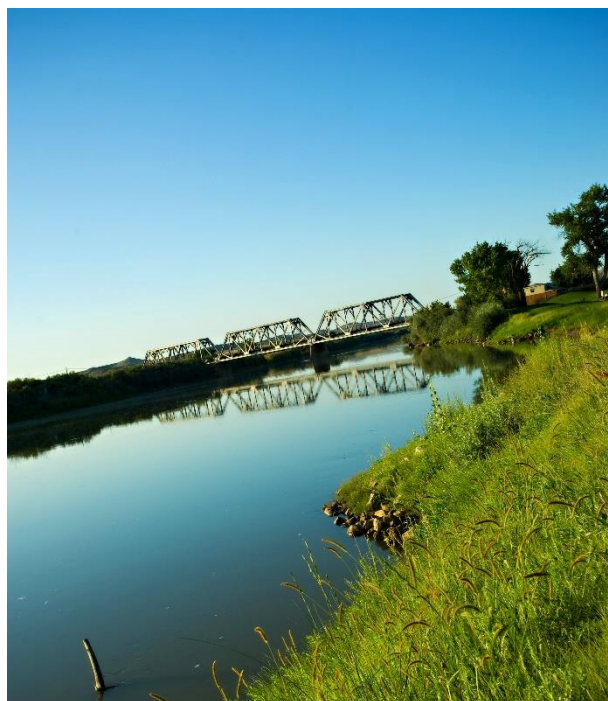
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# Executive Summary

This report contains an analysis of residential, institutional, commercial and industrial water use data gathered by the Utah Division of Water Rights for the 2015 water year. The Utah Division of Water Resources has analyzed water use data every five years since 1990; however, this new 2015 data set marks a significant methodologic and data accuracy milestone.

The updated and improved methodology is based on recommendations from a 2015 Legislative Audit, 2017 Legislative Audit Update and a 2018 third party analysis of our processes. All recommendations necessary for this data release have been implemented. Changes in recommended secondary water use estimate inputs, as well as the transfer of second homes from the commercial category to the residential category, are examples of updates that impact categorical or total use estimates.



While we are encouraged by the improvements, these changes make comparing the 2015 numbers to past water use data problematic due to the significant methodology differences. As a result, we will be using the 2015 data as the new baseline for comparison and planning moving forward. The audit reports and third party recommendations can be found here:

[www.water.utah.gov/water-data/water-reports/](http://www.water.utah.gov/water-data/water-reports/)

Likewise, comparisons from region to region within Utah are questionable due to differences in climate, number of vacation homes and other factors. Comparisons between Utah's water use numbers and data from other states have little value given there is no nationally consistent methodology standard for analyzing and reporting water use numbers.

It should be noted that administrative processes were changed in 2016 to ensure community water system data corrections are updated in the Utah Division of Water Rights' database and website; however, these updated processes did not occur for the 2015 data. As a result, the data released in this report will often differ from what is reflected on the Utah Division of Water Rights' website. That said, this data underwent both legislative auditor and third-party review, and our division is confident that it is reflective of regional water use and useful for planning purposes.



One of the more exciting aspects of the 2015 data is tied to the interactive tool our division created to make the data more transparent and accessible. Utah's Open Water Data Portal uses spatial (interactive mapping) technology to allow people to easily access water use data in

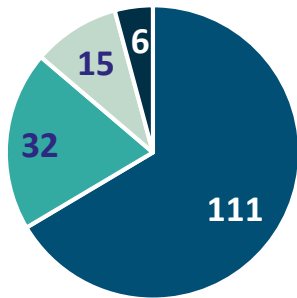
areas of interest by simply zooming in and clicking. Citizens can also download data tables by state, river basin and/or county. Utah's Open Water Data Portal can be found at [www.water.utah.gov/opensdata](http://www.water.utah.gov/opensdata). The division believes that data accessibility and transparency is vital as water decisions become more complicated and critical.

The following two pages reflect the GPCD data analysis at the state and county levels.



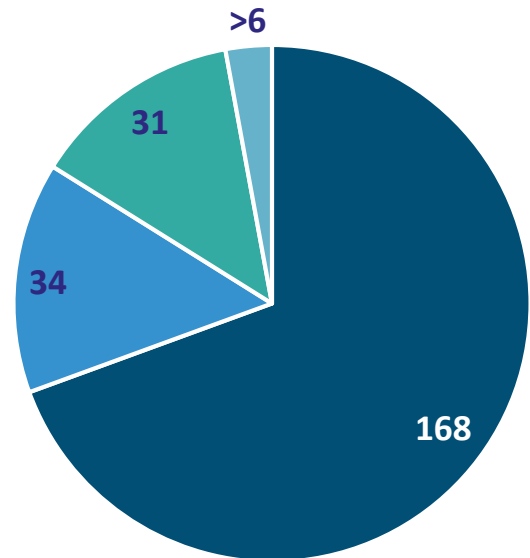
# Statewide GPCD

**2015 Statewide  
Potable GPCD  
164**



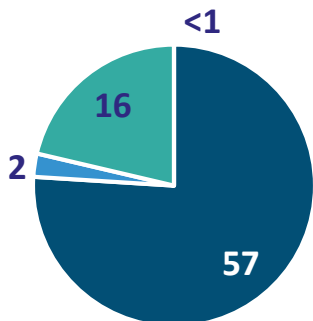
■ Residential ■ Commercial  
■ Institutional ■ Industrial

**2015 Statewide Total GPCD  
239**



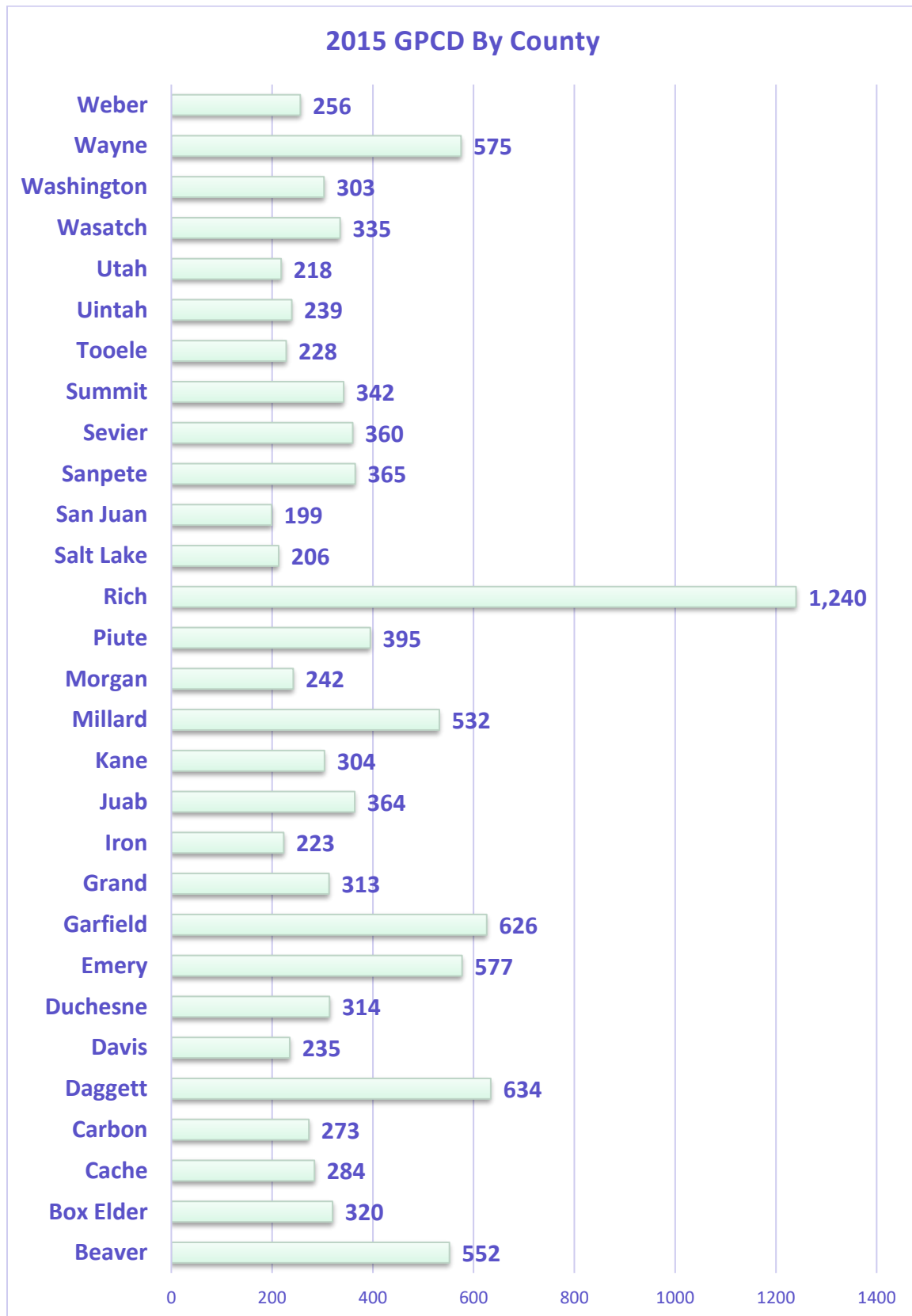
■ Residential ■ Commercial  
■ Institutional ■ Industrial

**2015 Statewide  
Secondary GPCD  
75**



■ Residential ■ Commercial  
■ Institutional ■ Industrial

# GPCD by County



# Section 1: Introduction

## The Water Data Collection Process

Using a list of active water systems obtained from the Division of Drinking Water, our division generated an estimated 2015 population for each water system from our population distribution model. The Division of Water Rights sends all current systems the Annual Water Use form, including the population estimate for each system. Water Rights worked to review data and contact systems that had not reported any data before the March deadline.

Beginning in spring 2016, our division used the Water Rights database to compile 2015 potable water use data submitted by water system representatives from 475 systems throughout the state. These representatives



were surveyed and data concerning the system was carefully reviewed. As our staff obtained additional or corrected data, we entered the information into a separate Municipal/Industrial (M&I) database. We documented research findings and changes we made in comment fields within that database. If the system representative contacted water rights to update their reported data, the data in the two data sets remained identical. When a system failed to correct the data in Water Rights' database, it resulted in differences between the two data sets.

Where we were unable to gather data from a water system, we estimated water use by reviewing data from past years. In these cases, we searched for source information in the Water Rights database and the Division of Drinking Water records, then we made two assumptions: the source was equal to use; and sources were unchanged from the last reported year. We recorded estimated use

and supply values in our database, creating another difference between the two data sets.

Some systems provided information that allowed us to estimate unmetered potable use (unmetered potable water is mostly accounted for within institutional use). In these cases, the water system gave us the number of irrigated acres. We used this data, as well as spatial analysis, to estimate the water use. Each system was asked questions that helped the Division determine if there was additional water use in the system that was not reflected on the Annual Water Use Form submitted to Water Rights. Based on responses to those questions, staff estimated unreported water use. This use was added to reported use for the system(s) in the M&I database. Again, these changes were documented in a comment field in the M&I database, but may not be included in the Water Rights database.

Using our quality checked M&I database, we compiled data representing use and supply for the 2015 calendar year. We totaled these values by system, county, hydrologic basin, and state. We sub-totaled water use by category: residential, commercial, institutional, and industrial. In a few areas, at the request of the water systems, and with their assistance, we estimated vacation home use.

## Legislative Audit and Follow-up Reports

State Legislators asked for an audit of the accuracy of the Division's projections of demand and supply. Specifically, the reliability of data used to make projections into the future; whether the state is making adequate progress towards conservation; and whether the conversions of agricultural water to M&I use were considered.

While the 2015 data collection effort was in progress, the office of the Legislative Auditors was assigned to assess the accuracy of state-level data presented to policymakers. To accomplish this task, auditors reviewed processes and methods used for data collection; reviewed data management practices and compared data sets to data recorded in the Water Rights' database. A report and follow-up report were completed by the auditors in 2015 and 2017, respectively. Based on their findings, the auditors made ten recommendations summarized in Table 1-1. Details of the auditors' recommendations to state water divisions and



the legislature can be found in the published reports. The implementation status of each recommendation is summarized in Table 1-1.

<b>Table 1-1 Legislative Auditor Recommendations</b>		<b>Status</b>
<b>1</b>	<b>Division of Water Resources review water use data annually to perform trend analysis</b>	<b>In Process</b>
<b>2</b>	<b>Improve data collection process to include:</b>	
	• <b>Make water providers responsible for providing accurate data by signing report and providing credentials</b>	<b>Implemented</b>
	• <b>Incorporate data check feature in reporting form</b>	<b>Implemented</b>
	• <b>Validate reported water use data by comparing it to data from other sources</b>	<b>In Process</b>
	• <b>Train local systems on reporting; conduct validity checks and audits</b>	<b>Implemented</b>
	• <b>Commit additional staff to improve the database</b>	<b>Implemented</b>
<b>3</b>	<b>Give statutory authority to Water Resources for data validation</b>	<b>Implemented</b>
<b>4</b>	<b>Develop regional water conservation goals</b>	<b>In Process</b>
<b>5</b>	<b>Develop a flexible approach to project future water demands and update projections on regular basis using a range of use scenarios</b>	<b>In Process</b>
<b>6</b>	<b>Recommend that the Legislature consider adopting policies that will require the phasing in of universal metering.</b>	<b>In Process</b>
<b>7</b>	<b>Adopt pricing policies that encourage efficient water use by:</b>	
	• <b>Reducing reliance on property taxes</b>	<b>Implemented</b>
	• <b>Create reserve funds</b>	<b>Implemented</b>
	• <b>Promote conservation pricing structure</b>	<b>Implemented</b>
	• <b>Promote system audits and other methods to reduce unaccounted for water</b>	<b>In Process</b>
<b>8</b>	<b>Estimate supply potentially made available through agricultural water conversion and source development.</b>	<b>In Process</b>
<b>9</b>	<b>Update state and basin plans on a regular schedule and publish an on-line version</b>	<b>In Process</b>
<b>10</b>	<b>Base future potential agriculture conversion on historic data</b>	<b>In Process</b>
<b>Sources: <i>A Performance Audit of Utah's Water Needs</i> (Legislative Audit Report 2015-01); and <i>An In-depth Follow-up of Projections of Utah's Water Needs</i>, (Legislative Audit Report 2017-17)</b>		

Taking action on the auditor recommendations, the three water divisions are collaborating to improve the data collection and review processes. Progress is demonstrated by the improved accuracy and quality of data now being reported. In the case of recommendation six, universal metering support and progress has been demonstrated; however, legislation tied to a universal secondary water metering policy has not yet been passed.

## Independent Consultant Review

The details of recommendation two included contracting with an independent consultant to review the water use data to establish data set validity, make recommendations for improvement and determine which year of data should be used to evaluate future conservation progress. A consultant team consisting of Bowen Collins & Associates and Hansen, Allen & Luce was selected to accomplish this work. The review culminated in the five main findings listed below:

1. The data collected by the Division for 2015 potable water use accurately represents statewide use. The consultant determined that potable water use reported for 2015 is accurate with a less than 1% margin of error. They were unable to confirm that the 2000, 2005, and 2010 data sets accurately reflected water use and supplies for those years. Therefore, they recommended the 2015 water use data to establish a new baseline when calculating water conserved in future years.
2. The Division's process has improved over time.
3. Secondary water use estimates are less accurate than potable water use numbers, with the margin of error being between 25% and 34%. Secondary water use is underestimated.
4. The Division underestimated reliable water supply for both potable and secondary water, with a combined error of about 30%. Water supply data varied between overestimating and underestimating of specific systems, with the net result being underestimated total water supplies.
5. The Division dedicates time to collecting data from small systems which is disproportionate to the number of people served and the resulting water use.

Based on five main findings, the consultant made the recommendations summarized in Table 1-2.

<b>Table 1-2 Independent Consultant Recommendations</b>		<b>Status</b>
<b>1</b>	<b>The Division of Water Rights should continue to improve the on-line data portal for community water systems to report water use and supplies and simplify reporting as much as possible</b>	<b>In Process</b>
	<ul style="list-style-type: none"> <li>Do not split vacation home use from residential use</li> </ul>	<b>Implemented</b>
	<ul style="list-style-type: none"> <li>Do not distinguish between commercial golf course use; report with institutional use</li> </ul>	<b>Implemented</b>
<b>2</b>	<b>The Division should add an additional 15% to water use to account for system water loss between supply meters and use meters</b>	<b>Implemented</b>
<b>3</b>	<b>The Division should work with the legislature to encourage secondary water metering to obtain reliable water use data</b>	<b>In Process</b>
<b>4</b>	<b>The Division should work with the legislature to encourage large water systems</b>	
	<ul style="list-style-type: none"> <li>To conduct periodic AWWA M36 system water audits</li> </ul>	<b>In Process</b>
	<ul style="list-style-type: none"> <li>To prepare detailed water supply evaluations</li> </ul>	<b>In Development</b>
<b>5</b>	<b>Simplify the reporting effort for small water systems</b>	
	<ul style="list-style-type: none"> <li>Require only needed information</li> </ul>	<b>In Process</b>
	<ul style="list-style-type: none"> <li>Validate data on a rotating five-year schedule</li> </ul>	<b>Not Implemented</b>
<b>6</b>	<b>Use Division's 2015 potable water use numbers as the baseline for future planning and conservation goal development.</b>	<b>Implemented</b>
<b>7</b>	<b>Use a revised secondary water use of 255,774 acre-feet as the baseline for future planning and conservation goal development for secondary water use</b>	<b>Modified &amp; Implemented</b>
<b>8</b>	<b>Adopt the recommended methodologies for inputs</b>	
	<ul style="list-style-type: none"> <li>Use four-band aerial imagery to compute irrigated area</li> </ul>	<b>Implemented</b>
	<ul style="list-style-type: none"> <li>Use observed application efficiency of 40% for unmetered secondary water use</li> </ul>	<b>Implemented</b>
<b>9</b>	<b>Update state and basin plans on a regular schedule and publish an online version</b>	<b>In Process</b>
<b>10</b>	<b>Base future potential agriculture conversion on historic data</b>	<b>In Process</b>
<b>Sources: <i>Water Use Data Collection Program</i> (BCA/HAL Report, January 2018)</b>		

While we appreciate the practical reason for validating small system data on a five-year schedule, this recommendation was not implemented for two reasons. First, it conflicts with a recommendation from the auditors to perform trend analysis annually. Second, with Water Rights' staff contacting each system every year, data is being reported more accurately. As a result, an annual evaluation will be conducted.

We modified the third party consultant's recommendation seven after implementing a series of recommended data input changes, and found the number to be slightly different due to a difference in aerial imagery analysis technology and a broader application rate. As a result, we used the 246,267 acre-feet as the secondary water use baseline.

Our Division revised the 2015 data set to reflect consultant recommendation 8. While acknowledging these variable derivations are estimates, the consultant recommended changing the application efficiency factor and to use the four-band aerial imagery to determine average irrigated area. Implementing these changes brings the Division's estimate of secondary water use close to the consultant's estimated use.

## 2015 Methods

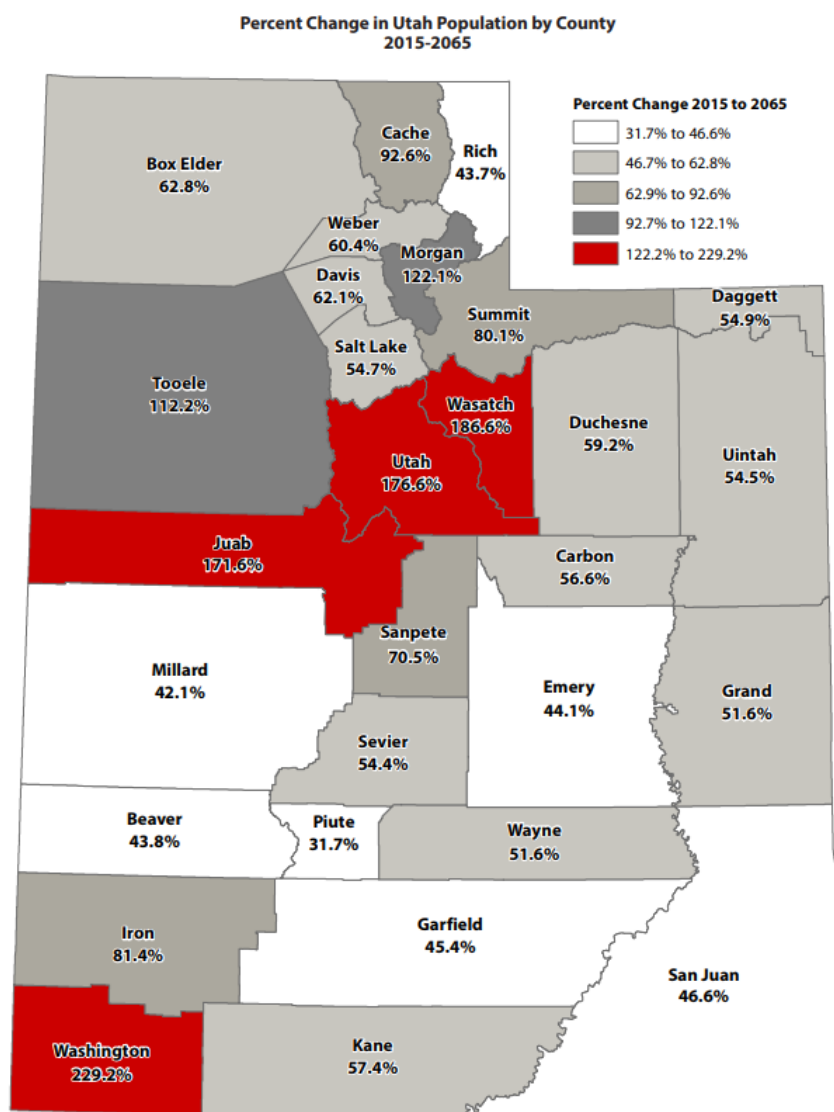
As a result of legislative audit review and independent engineering consultant review, several data methodologies evolved during the preparation of the 2015 Statewide M&I Water Use and Supply report. Described here is the final method that was used to develop each data set. Method changes resulted in different population estimates for 2015 and different estimated secondary water use. These two changes resulted in different per capita use results. Therefore, it is not appropriate to compare 2015 water use with prior years.

Method changes were adopted in estimating water system service area populations, average residential lot size estimates, irrigated portion of a residential lot called "green space", and evapotranspiration (ET) rates. We used the latter three input values, along with the percent of customers using secondary water within a system service area to calculate an estimate of unmetered secondary use.



Our Division and the consultant have greater confidence in the 2015 data than previous data. In accordance with a recommendation by the consultant, the 2015 data set will establish the baseline to evaluate water use and conservation in the future.

## Population Estimates



Sources: Kem C. Gardner Policy Institute 2015-2065 State and County Projections; DemographyUTAH Population Committee 2010-2016 Population Estimates.

The initial challenge faced when working with population estimates and projections has been assigning populations to water system boundaries. The Governor's Office of Management and Budget (GOMB) provided population numbers aggregated to county and municipality boundaries, while the Division requires population estimates and projections down to the system boundaries. We developed a

population demand model (PDM) to disaggregate and then aggregate estimated population numbers within these boundaries while constraining the numbers to the GOMB's published population estimates and projections. Population

estimates based on GOMB populations were originally sent to water systems in January 2015.

Now the Kem C. Gardner Policy Institute (GPI) rather than GOMB is responsible for producing population projections and estimates at the state and county levels. The Institute published county estimates for 2015, 2016, and 2017, and county projections for years 2018 through 2020 and each decade between 2020 and 2060. Our staff used the Institute's 2015 county population estimates to estimate water system service populations. The 2015 system populations presented in this report differ from populations recorded in the Water Rights database because we adopted the Institute's population estimates after the initial 2015 data was compiled. Our Division changed to the Institute's population estimates to establish a consistent baseline for future comparisons.

A team consisting of participants from the Utah Department of Transportation (UDOT), Municipal Planning Organizations (MPOs) and Associations of Government (AOG) are working together to allocate populations down to the municipality level. At the time of publication, the municipal estimates for 2017 have not been completed.

## Population Aggregation Details

The Population Demand Model uses spatial technology to create a rasterized grid over a study area. The grid's pixels are created at a 5 meter resolution and are the foundation for disaggregating and aggregating the population. Population data provided by the Institute was used both as input to the model and as a constraining factor within the model. 2010 national census block data was used as boundaries and employed to create a percentage ratio that is assigned at the pixel level. The pixel percentage ratio is based upon the following:  $(\text{Census Block Total Population} / \text{County Population Total}) * (\text{scale factor})$ . A population percentage per pixel is then calculated and the sum of the pixel percentages per municipality are found. These two values are divided then multiplied by a scale factor to calculate a weighted percentage value per pixel. Then a population value for each pixel within study area is determined and aggregated within water provider boundaries. These new pixels can also be

aggregated to city and county boundaries to validate themselves against the GOMB original population estimates.

The aggregation problems of rural outlying census blocks were mitigated by using a combination of aerial imagery and census data to adjust water provider boundaries. Public non-community systems (PNC) can be added to model when boundaries have been established. Community water system boundaries must be defined prior to running the model and must also be updated regularly. The model provides a reproducible method to redistribute population.

## Average Residential Lot Size

Average lot size was estimated by using county parcel data and spatial tools. Parcels smaller than 1.5 acres and larger than .1 acres were selected from the parcel data. The tools filtered out lots that are too small for a dwelling and too large to be only residential landscaping. This filtered parcel layer was intersected with the 2015 Community Water System boundaries, resulting in only the parcels located within that boundary.

The resulting data set was summarized to produce an estimated average residential lot size for each water system. This data was also used to calculate weighted county averages that could be used to fill in missing data and check results.



After spot checking these results against other reported average lot size estimates, we determined that, although the process has limitations, it produces

a reasonable estimate of average lot size. These lot size estimates were used to estimate unmetered secondary residential water use.

## Green Space Estimate

Aerial National Agriculture Imagery Program (NAIP) images were manipulated using four-band (red, green, blue, and infrared) technology. A grid was used to divide the image into cells called pixels. A numerical value for each band was assigned to every pixel. By manipulating the image by using red to represent the infrared band, contrast was created which allowed vegetation to be identified in the image. To understand how the manipulated image compared to actual green space, a sample of areas were surveyed. Using the comparison data, the model was calibrated and each pixel was classified as either vegetation or non-vegetation. When the number of vegetation pixels was totaled and compared to the total number of pixels, a fraction of green space was established.

## Evapotranspiration Rates

Evapotranspiration (ET), the combination of plant transpiration and soil evaporation, is calculated for turf throughout the state using the accepted standard calculation method, ASCE Penman. GridET is a program developed for the Division of Water Resources that uses hourly temperature, humidity, wind speed and solar radiation provided by NASA, adjusted for elevation in order to calculate crop water use using ASCE Penman. GridET calculates ET all across the state and the nearby surrounding area. The results of GridET include daily, monthly and annual ET from 1979 to present. GridET calculates both potential ET, the amount crops would use if there were no rainfall, and net ET which is potential ET adjusted downward for rainfall. Net ET is a good predictor of how much water is needed to irrigate turf. Net ET is used to estimate unmetered outdoor water use.

## Secondary Water Use Estimate

The 2015 secondary water use estimate process incorporated the new methods to derive average residential lot size, fraction green space, and

evapotranspiration. Additionally, the application efficiency rate recommended by the consultant was used.

Information provided on the Division of Water Rights' annual water use form was used to inform how many residential connections within the water system service area boundary used secondary water. Where this information was not provided, we contacted the water system to discover the information. Secondary residential water use was calculated by multiplying the number of residential connections by the fraction of those connections using secondary water. The result is then multiplied by the average lot size, multiplied by the green space fraction multiplied by the ET and finally multiplied by the application efficiency factor to obtain the volume of secondary water per year applied to residential lots in the water system service area.

$$[Net\ ET\ (ft)\ /\ Efficiency] \times [Number\ of\ Connections \times Percent\ of\ Customers\ using] \times Percent\ Green\ Space \times Average\ Lot\ Size\ (acres)$$

## Gallons Per Capita Per Day (GPCD) Calculation

Water system use is calculated by summing all of the reported uses within the system in acre-feet per year. Total use includes all of the potable use categories: residential, commercial, institutional, and industrial; as well as all of the unmetered potable use estimate; and the secondary use estimate. Per capita secondary water use is calculated by converting the estimated water use from acre-feet per year to gallons per day and divided by the service area population. Our Division used the published Kem C. Garner Policy Institute's county estimates for 2015 to estimate water system populations. The result is a per capita use reported in gallons per person per day (GPCD) which can be used to compare water use among systems across the state, while recognizing that differences in climate and vacation homes complicate comparisons.

## Comparison of Water Use Among States

Unfortunately there is no standard for comparing water use among states. Utah uses secondary water for outdoor landscape irrigation and includes that use

in total water use. Other states may not include secondary water or reuse in their total use calculation. Additionally, some states only report residential use, which does not include commercial, institutional, and industrial use, rather than total use. Before comparing reported water use among states, a full understanding of what the reported number includes is critical to making a fair comparison.

## Residential Potable Water Use

Our Division collected information about the number of residential connections and the amount of water used by those connections from a number of sources: the Water Rights database, the Division of Drinking Water surveys, and community water system representatives. Water users are counted in the population of the water system where their primary residence is located. All residential use was included in the residential category, including apartment units and vacation homes.

## Vacation Home Water Use

Vacation home water use is of interest because the people living in residences part time are not counted in the population served by the water system. As a result the per capita use increases by the existence of vacation homes. A large number of vacation homes in one community increases the average water use. In many cases, the per capita use increase is trivial; in one basin it contributes less than .5% of the total potable residential water use.

Where communities have specifically reported second or vacation home water use, it is noted in this report. Some areas where vacation home use has been identified include: Washington, Rich and Summit Counties. Of these three counties, only Washington County experiences an increase in average per capita water use greater than 15 percent as a result of vacation home water use. In the most extreme case, vacation home water use accounted for 81 percent of one water system's potable residential water use.

Where a water system wants to track vacation home use, a change within the billing system may be required to identify and document vacation home connections. The water system needs to add a category in the billing system for vacation homes. When completing the water use form, data from both the



residential category and the vacation home category is added together and reported as residential use. Then a comment or note is added on the form specifying the number of reported connections and reported use associated with vacation homes. Where applicable, total residential use, full-time residential use, and vacation home use will be specifically summarized.

## Secondary Water Use

Secondary water use is mostly delivered by separate irrigation or canal systems and is historically unmetered. Therefore, we estimate the outdoor secondary residential water use by using the procedure described previously. Where some secondary water use is metered, our Division combines the metered use with the estimated unmetered use to report total secondary water use.

In determining residential secondary use, irrigation water use for small pastures or farm fields that can often be found adjacent to residences, particularly in rural communities, is not included. Although our Division does estimate water use based on agricultural acreages from land use surveys, it is not included in this M&I water use report.



## Commercial Water Use

For most water systems, metered commercial water use data is recorded separately from total water use. In rare cases where this data is not available, our staff uses historic commercial water use in the area and published commercial water use estimates to estimate commercial water use in the system area. Unless specifically indicated by the system, we assume there is no secondary water use in this category.

## Institutional Water Use

Institutional water use is water used for city, county, state and federal government facilities, parks, golf courses, schools, hospitals, churches, military facilities, as well as fire hydrant testing and other municipal uses in the water system. If the system metered this use, and the reported use was consistent with historic use, our staff accepted the submitted data. Institutional water use is sometimes not metered making it difficult to collect accurate data. In these situations, the system operator was asked to provide information about city facilities such as the number and size (irrigated acreage) of parks, schools, churches, and golf courses.

Similar to residential secondary water use estimates, where a system indicates that unmetered potable water is used to irrigate outside landscapes, our staff estimates this use by multiplying the size of the irrigated area by ET for the area and an applying an application efficiency factor. Institutional facilities may also use secondary water to irrigate outside landscapes. This is especially typical for large municipal properties, golf courses, parks, and cemeteries. Again, unmetered secondary water is typical. Like other secondary water use estimates, where a system indicates that secondary water is used to irrigate outside landscapes, our staff estimates this use by multiplying the size of the irrigated area by ET for the area, as well as applying an application efficiency factor.

## Industrial Water Use

Industrial water use is defined as water used in the production of a product, including such businesses as dairies, mink farms and greenhouses. It also includes stock watering, provided a community water system serves the industry. Industrial water use within a system is calculated with the same process used to calculate commercial water use data discussed earlier. For planning purposes, we assume that all industrial use is indoor use.

## Potable Water Supply

Two factors define the potable water supply for a system:

- Maximum developed potable water supply available under present conditions
- Reliable potable water supply.

The maximum developed potable water supply available under present conditions is defined as the water resource that is presently being utilized. It is limited by a mechanical constraint (such as pump capacity or pipe size), a hydrologic constraint (such as reliable stream flow or safe groundwater yield) or a legal constraint (such as a water right or legal contract). The lesser amount of water supply, due to these three constraints, is considered to be the maximum developed potable water supply available under present conditions used in this analysis. Determining the well pump capacities, average annual spring flow estimates, treatment plant capacities, and water right information aid in the calculation of this value. Due to the complexity of water rights, contracts, exchanges, etc., a detailed search of water right limitations associated with each entity is not within the scope of this study.

Due to the fluctuating nature of water sources, not all of the maximum developed potable water supply is available to meet water needs. The reliable potable water supply is an average annual volume based on the current daily peak use in a system. Reliable supply is valuable in determining future water supply capacities of system sources (wells, springs, and surface diversions). The reliable potable water supply is calculated by adding together the maximum developed water supply capacity of surface sources, one-half of the maximum yield of wells or their pump capacities (unless otherwise indicated by the system manager), and the maximum annual yield of spring sources. The determination of the percentage is based on information provided by the water supplier.

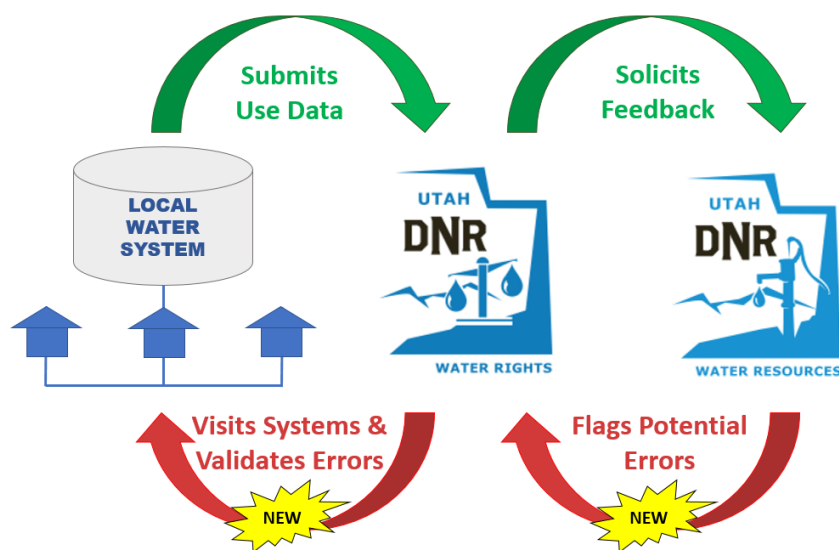
When provided, our Division uses reliable supplies reported by the community water systems. For planning purposes, the reliable potable water supply is essential for estimating what population base each system can theoretically support with current use patterns. The consultant recommended a water master plan that documents the reliable supply as well as the undeveloped potential supply, be developed for each system. The consultant found the

supplies necessary to meet future uses, both culinary and secondary, need to be increased by approximately 15 percent to account for system losses and other factors.

## Secondary Water Supply

While secondary water is an important component of the water use within the system boundaries, quantifying the available supply of this water is difficult. Many secondary water systems are part of a larger agricultural irrigation system. With secondary water use for landscaping representing a significant amount of total system use, estimating the available supply of this water is becoming increasingly important. For planning purposes, we assume that the supply for M&I secondary irrigation is equal to the current use. As noted above, the consultant found supplies necessary to meet future uses will need to be increased by 15 percent to account for system losses.

## Process Moving Forward



Source: *An In-depth Follow-up of Projections of Utah's Water Needs*, (Legislative Audit Report 2017-17)

Beginning with 2016 data, our Division relies on the Division of Water Rights to identify active systems and to collect and verify metered water supply and use numbers on an annual basis. Water Rights staff work with the Division of Drinking Water to

identify the active systems prior to requesting annual water use from those systems. Once data is submitted, the Water Rights staff review the data with the systems. Where deficiencies are identified, their staff work with system staff to correct the data and the Water Rights database is updated.

After Water Rights accepts the water use and supply data, we validate the data. This process establishes a stronger relationship between the Water Rights and community water system staff, results in better understanding of the questions on the water use form, produces high quality water use data and eliminates creation of redundant, but not identical, data sets. Water use and supply data used by our Division is now maintained in the Water Rights database. This data is used to for annual trend analysis recommended by the auditors. The Figure 1-2, was presented by the legislative auditors in the follow-up audit report to illustrate the process.

## Figure 1-2: Water Data Collection and Validation Process

The following is the annual chronology of the collaborative data collection effort starting with the 2016 calendar year data.







## Section 2:

### MUNICIPAL AND INDUSTRIAL WATER USE BY HYDROLOGIC BASIN

The State of Utah is divided into twelve hydrologic river basins. The small portion of the Columbia River Basin that intersects the northwest corner of the state is incorporated into and referred to collectively as the West Desert Basin. Figure 2-1 shows the boundaries of each hydrologic basin and how Utah counties overlay them.

This section will present an analysis of each basin which will include a brief physical description of the basin and community water system use information. Charts and graphs of 2015 water use data are shown for each basin with the reference data presented in the appendix cited below each graph. A list of the community water systems within each basin is followed by a location map for each basin. Water use and reliable potable supply data collected for Utah's river basins is presented in tables which are found in the cited appendix for each basin. Water use tables show use by category (residential, commercial, industrial, and institutional), as well as by type (potable or secondary). The tables show supply by source (surface water, wells and springs) and the combined total.

As previously referenced, Utah's water use data is now available on-line through the Utah Water Data Portal at:

[www.Water.Utah.Gov/OpenData.html](http://www.Water.Utah.Gov/OpenData.html)

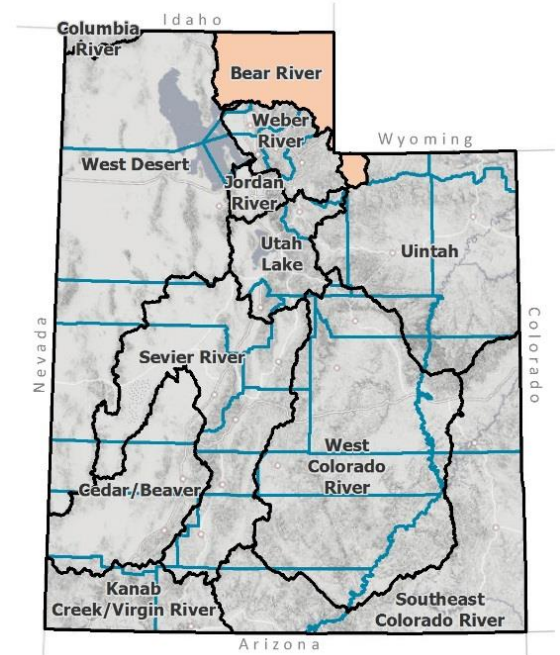
Figure 2-1 Hydrologic Basins of the State of Utah



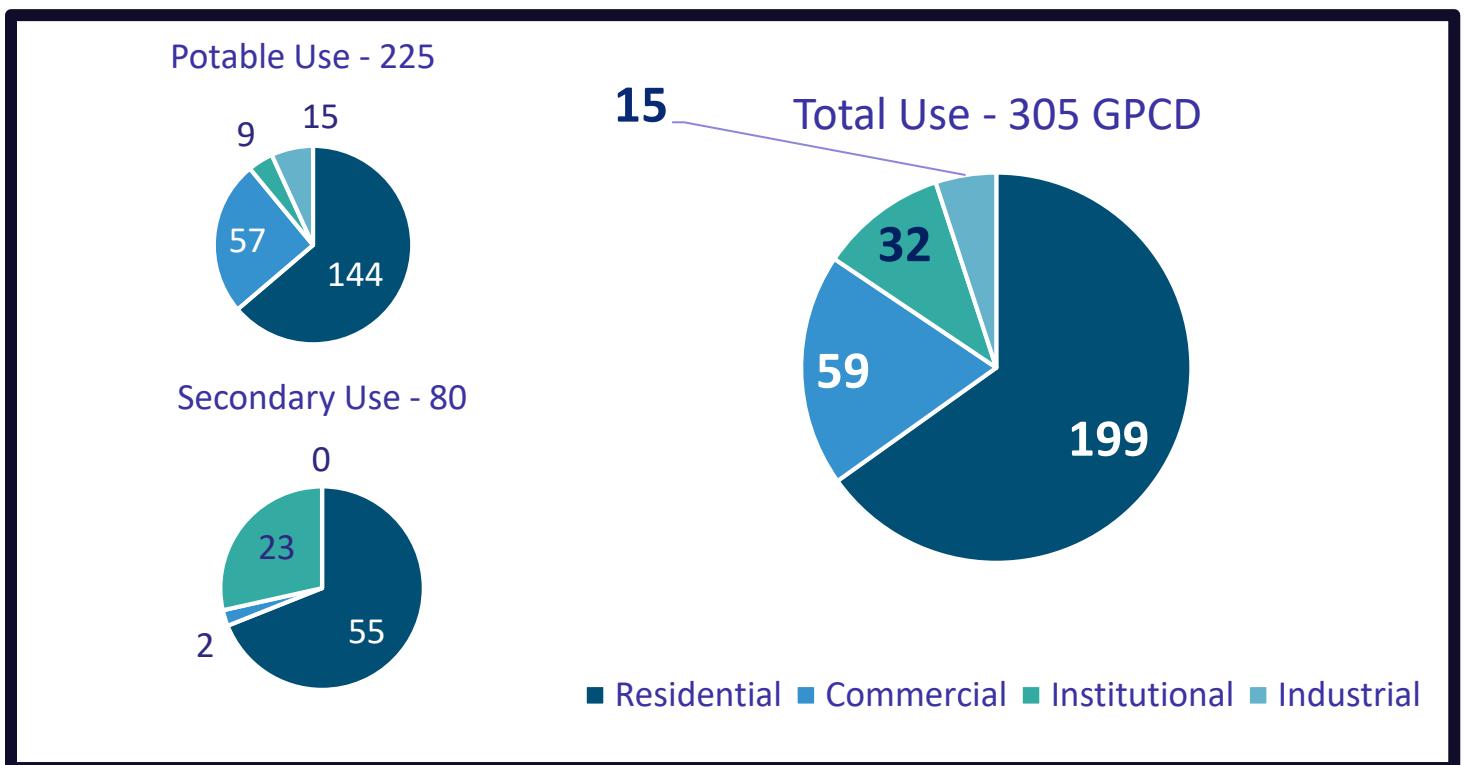


## Bear River Basin 2015 Summary

Water System Service Population:	164,690
Area:	3,400 square miles
Basin Location:	Upper northeast corner of Utah, around Bear Lake
Counties:	All of Rich and Cache Counties, portions of Box Elder and a small area in Summit
Major Cities:	Brigham City, Tremonton, Logan and Smithfield
Counties with no community water systems	Summit



## Bear River Basin 2015 Per Capita Water Use by Category (GPCD)

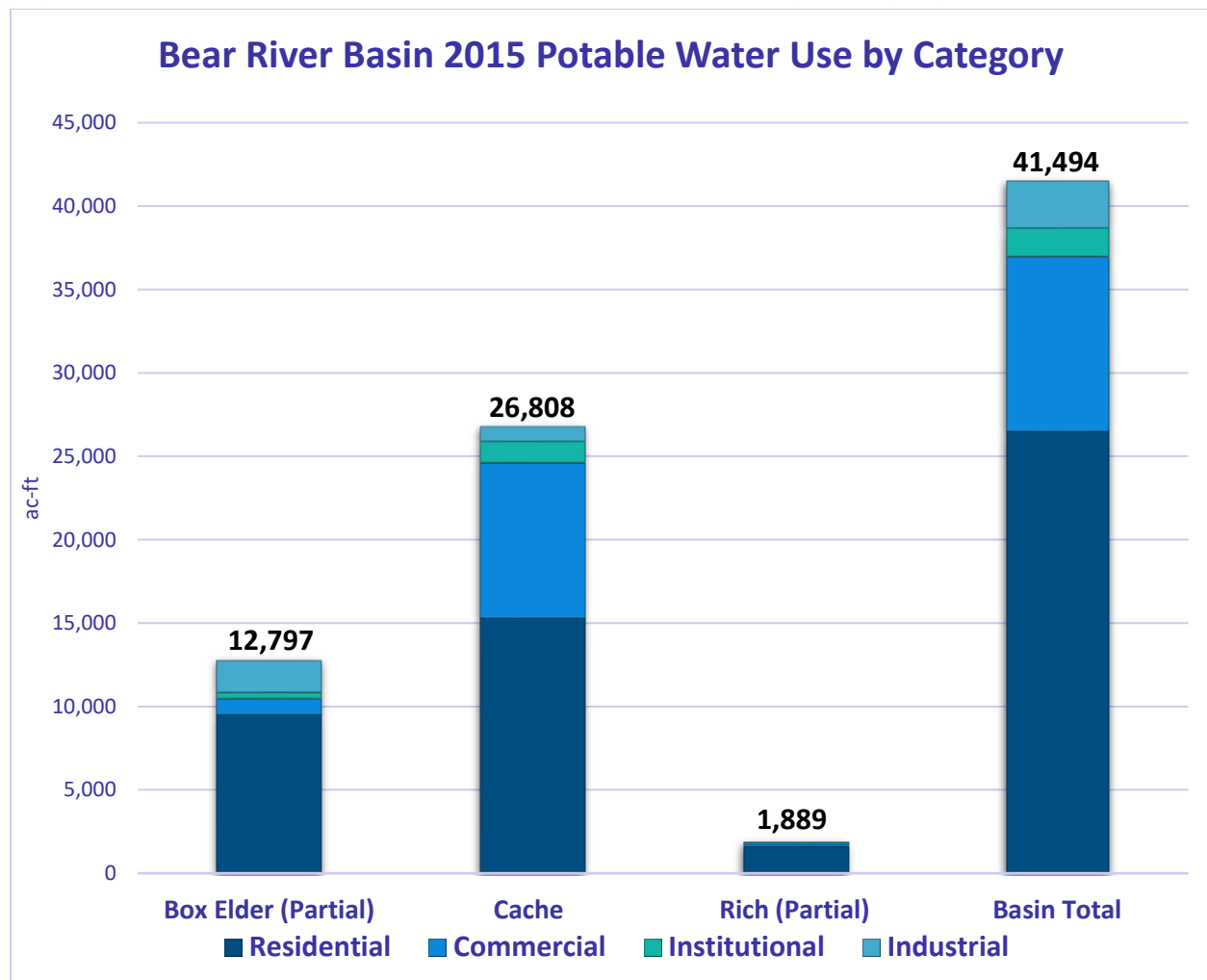


Detailed data found in Appendix B.

## Bear River Basin Community Water Systems Water Use

In 2015, the 56 community water systems in the Bear River Basin, listed in Table 2-1, delivered 41,494 acre-feet of potable water. An estimated additional 14,806 acre-feet of secondary water was supplied to users within their service area boundaries by various irrigation and canal companies. Potable water use in the basin is shown on the chart in Figure 2-2 by county and water category (residential, commercial, institutional and industrial). Figure 2-3 shows per capita water use in the basin by county and type (potable and secondary).

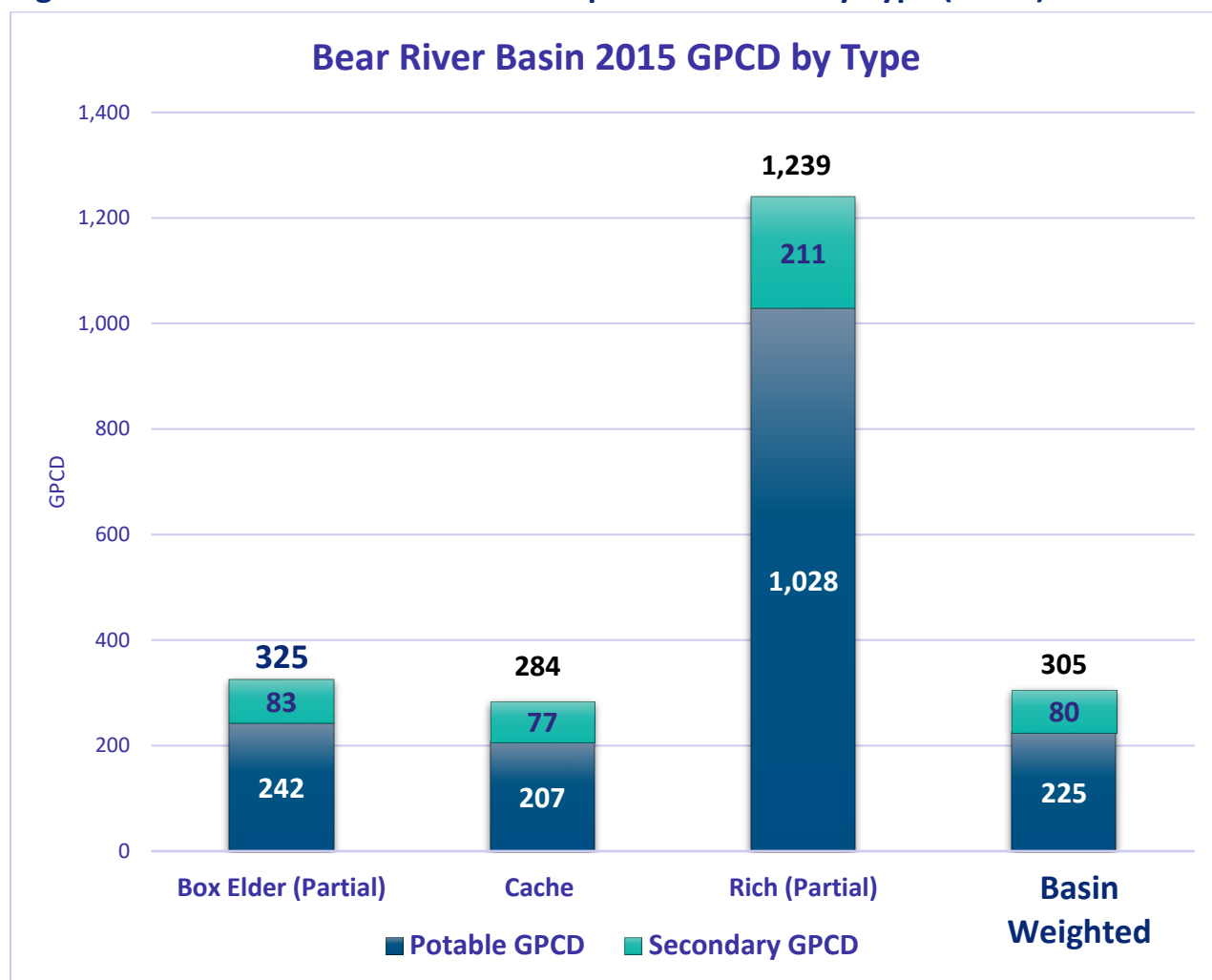
Figure 2-2 Bear River Basin 2015 Potable Water Use by Category (acre-feet)



Detailed data found in Appendix B.

Note: Summit County is not shown on this chart because there is no community water system water use in the Bear River Basin area.

**Figure 2-3 Bear River Basin 2015 Per Capita Water Use by Type (GPCD)**



*Detailed data found in Appendix B.*

*Note: Summit County is not shown on this chart because there is no community water system water use in the Bear River Basin area.*

## What is unique about the Bear River Basin?

The Bear River Basin, shown in Figure 2-4, encompasses the Utah portion of Bear Lake in the upper northeastern corner of Utah. Water from the Bear River Basin drains into the Great Salt Lake southwest of the basin.

Some communities near Bear Lake have a high concentration of vacation homes which, according to population counting convention, have no population associated with them. The high per capita water use in Rich County for example, 211 secondary GPCD in addition to 1,028 potable GPCD, is attributed, in large

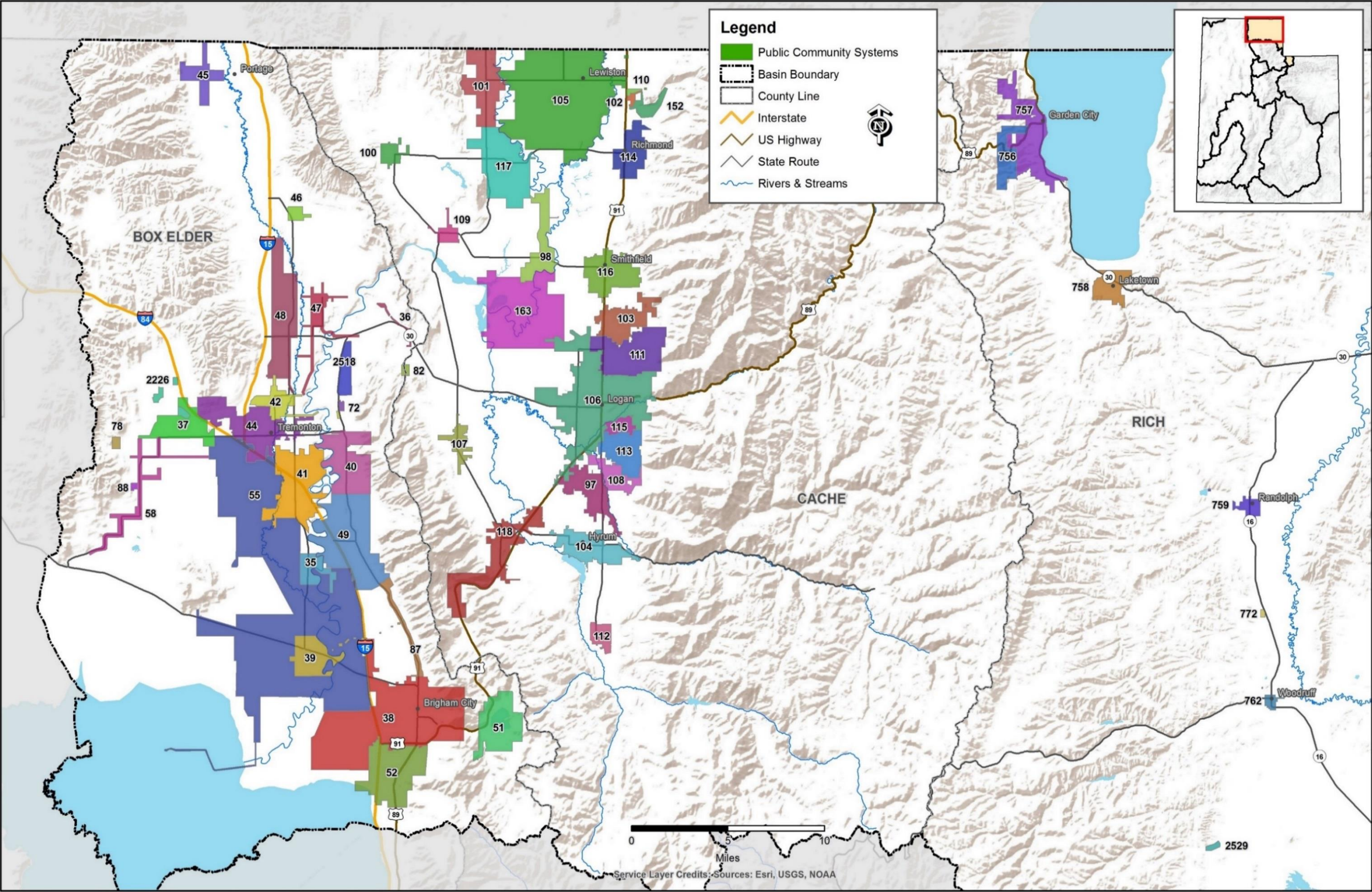
part, to the vacation home water use in the Garden City and Laketown communities. Rich County contributes to Bear River Basin having the third highest average per capita water use in the state at 305 GPCD.

A list of the 56 community water systems in the Bear River Basin, shown below in Table 2-1, is followed by a location map for the basin, Figure 2-4.

<b>Table 2-1 Bear River Basin 2015 Community Water Systems</b>			
<b>ID</b>	<b>System Name</b>	<b>ID</b>	<b>System Name</b>
35	Acme Water Co. (Bear River City)	103	Hyde Park City Water System
36	BRWCD - Beaver Dam	104	Hyrum City
37	Bothwell Town Water System	105	Lewiston City
38	Brigham City Water System	106	Logan City Water System
39	Corinne City	107	Mendon City
40	Deweyville Town	108	Millville City
41	Elwood Town	109	Newton Town Water System
42	Garland City Water System	110	Goasland Spring Water Works Co.
44	Tremonton City	111	North Logan City
45	Town of Portage	112	Paradise Town Water System
46	Plymouth Town Water System	113	Providence City Water System
47	Ukon Water Co.	114	Richmond City Water System
48	Riverside-North Garland Water Co.	115	River Heights City
49	Honeyville Town Water System	116	Smithfield City
51	Mantua Town Water System	117	Trenton Town Water System
52	Perry City	118	Wellsville City Water System
55	West Corinne Water Co.	152	High Creek Water Co.
58	Thatcher-Penrose Service District	163	Benson Culinary Improvement District
72	Cedar Ridge Distribution Co.	756	Bridgerland Village Water Co.
78	Marble Hills Subdivision	757	Garden City
82	Willow Creek Water Co.	758	Laketown
87	BRWCD- Harper Ward	759	Randolph Town Water System
88	Sunset Park Water Co.	762	Woodruff Town Water System
97	Nibley City Water	772	Mountain Meadow Improvement District
98	Amalga Town Water System	2226	BRWCD - Tremonton
100	Clarkston Town Water System	2518	BRWCD - Collinston Water System
101	Cornish Town Water System	2519	BRWCD - Riverside-North Garland
102	Cove Waterworks	2529	Deseret Land and Livestock, Inc.



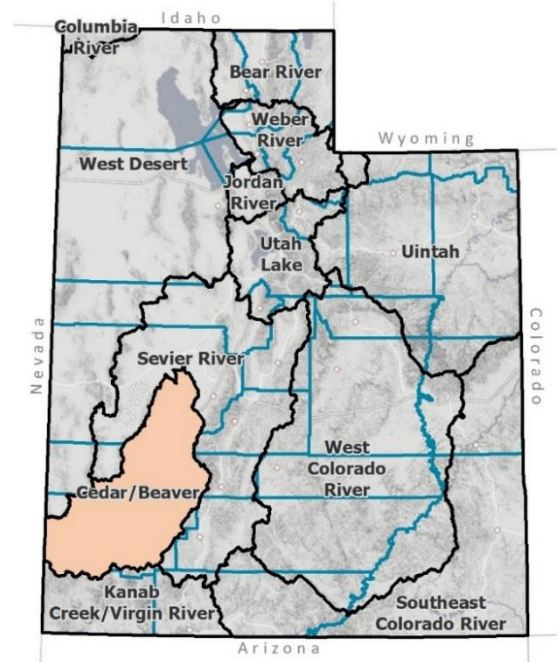
Figure 2-4 Bear River Basin 2015 Community Water Systems



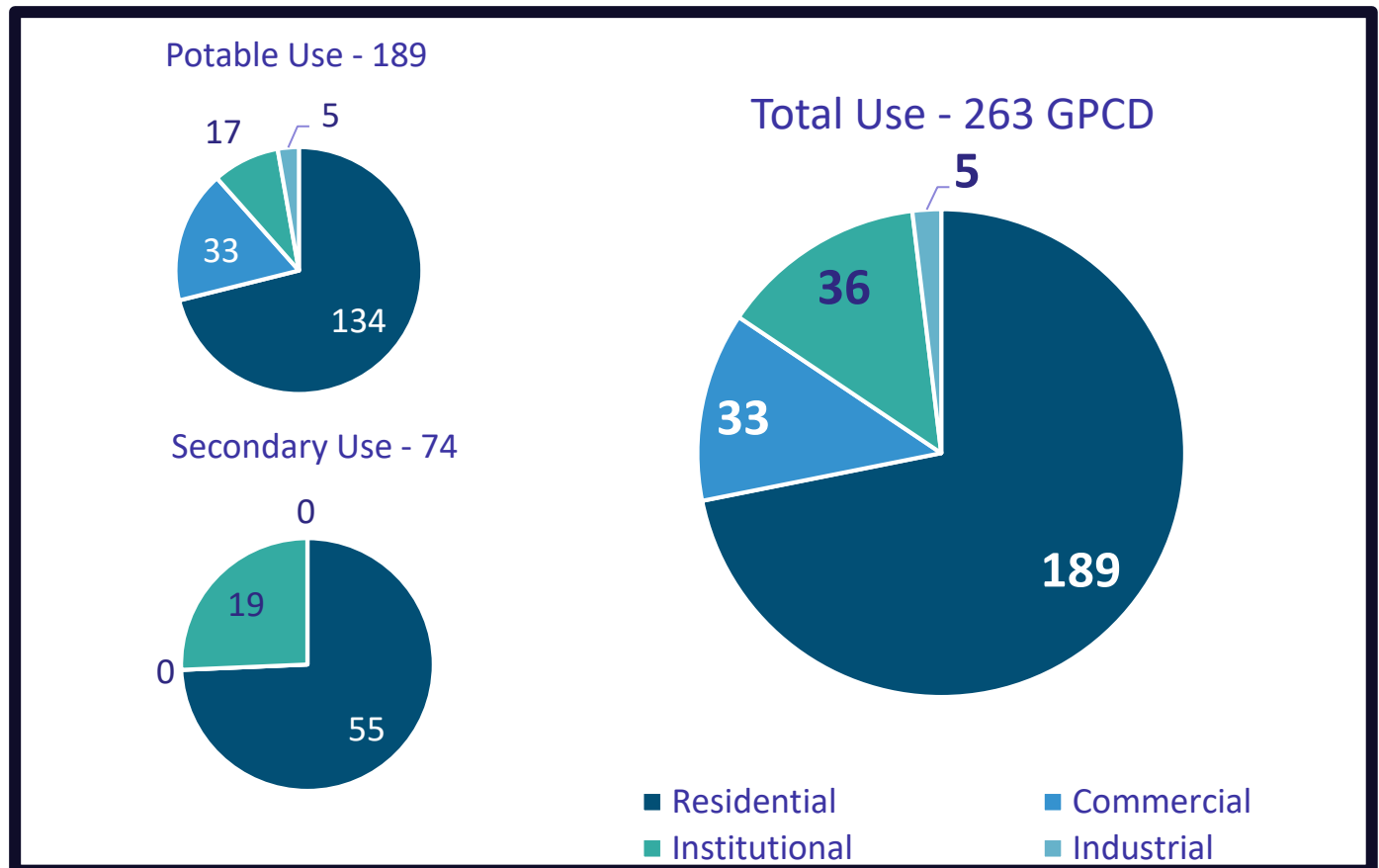


## Cedar/Beaver Basin 2015 Summary

Water System Service Population:	54,050
Utah Area:	5,600 square miles
Basin Location:	Southwestern Utah
Counties:	Most of Iron County, parts of Millard and Beaver, a small part of Washington and tiny area in Garfield
Major Cities:	Beaver and Cedar City
Counties with no community water systems:	Millard and Garfield



## Cedar/Beaver Basin 2015 Per Capita Water Use by Category (GPCD)

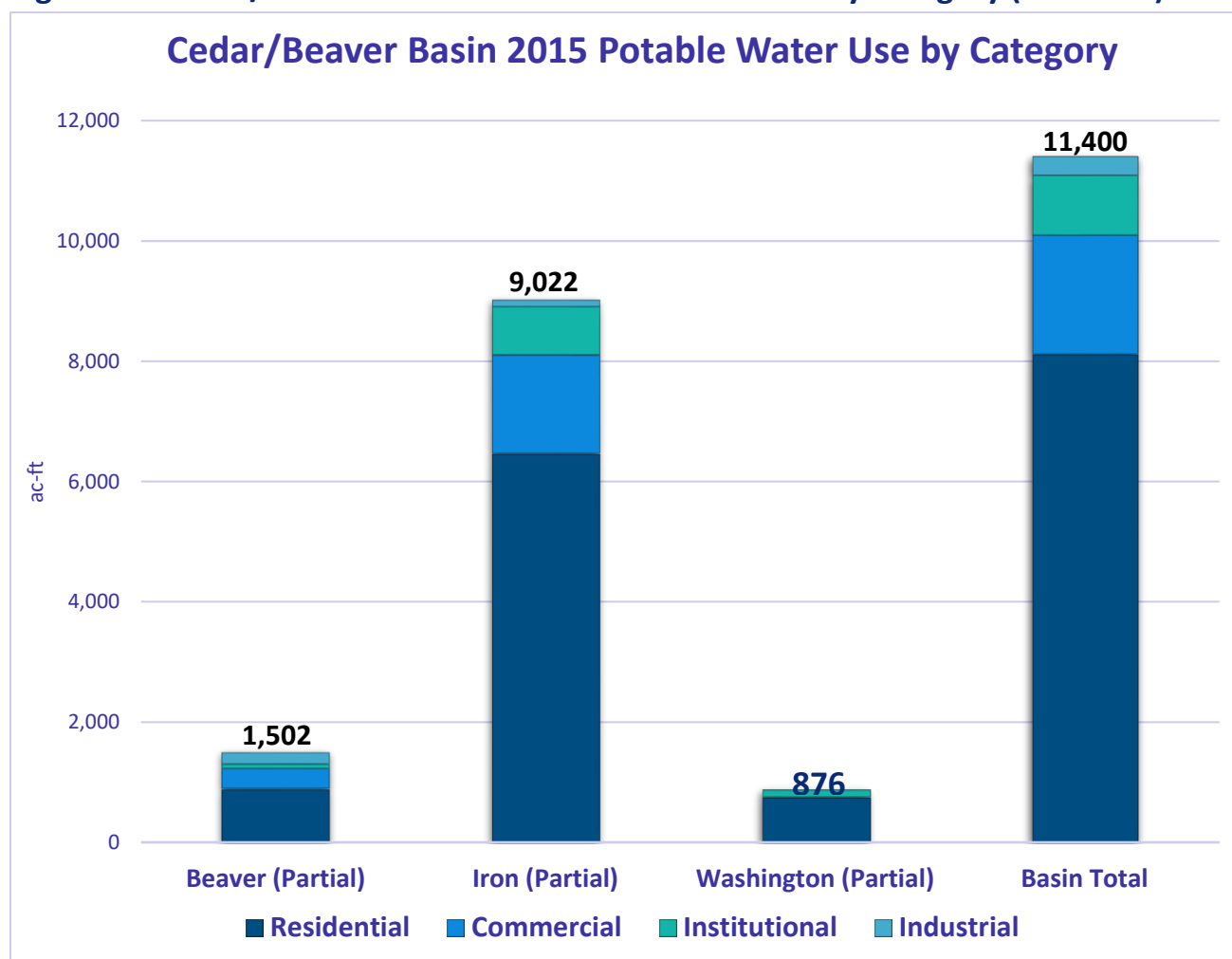


Detailed data found in Appendix C.

## Cedar/Beaver Basin Community Water Systems Water Use

In 2015, the 27 community water systems in the Cedar/Beaver Basin, listed in Table 2-2, delivered 11,400 acre-feet of potable water. An estimated additional 4,472 acre-feet of secondary water was supplied within the service area boundaries by various irrigation and canal companies. Potable water use in the basin is shown on the chart in Figure 2-5 by county and water category (residential, commercial, institutional and industrial). Figure 2-6 shows per capita water use in the basin by county and water type (potable and secondary).

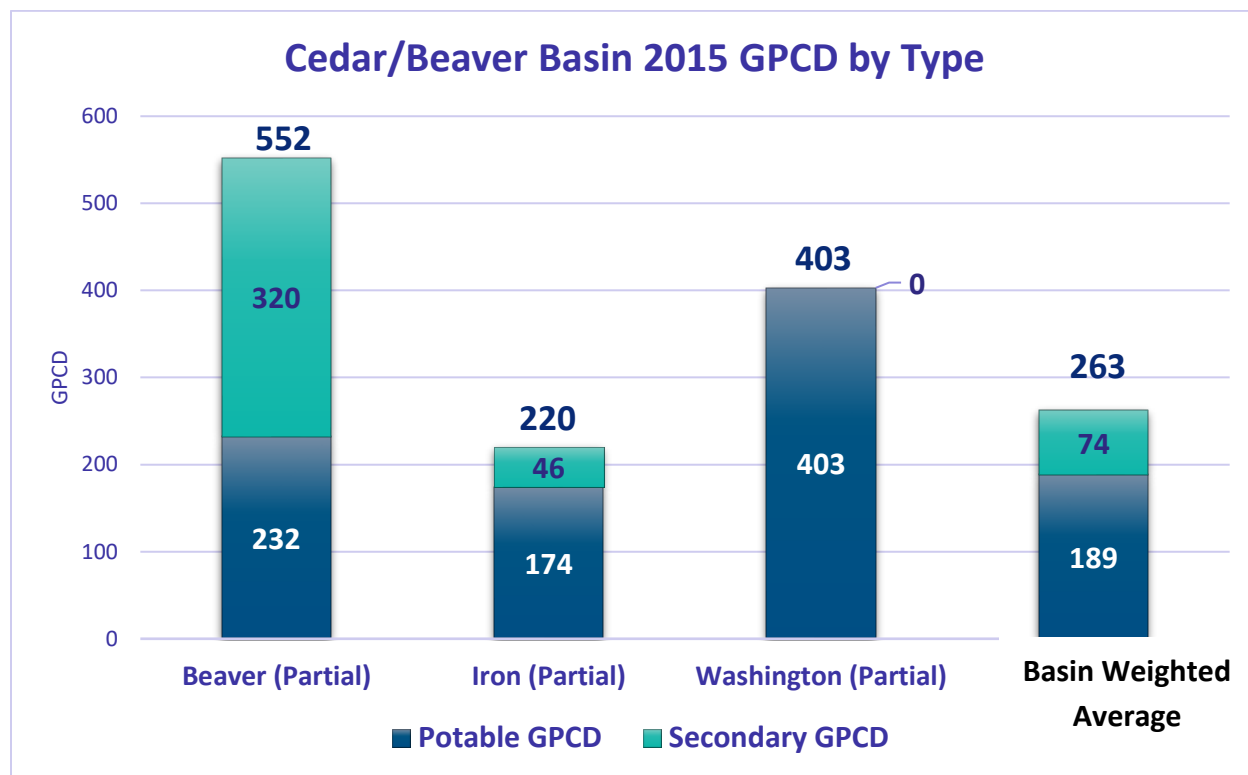
**Figure 2-5 Cedar/Beaver Basin 2015 Potable Water Use by Category (acre-feet)**



*Detailed data found in Appendix C.*

*Note: Millard and Garfield counties are not shown on this chart because there is no community water system water use in the Cedar/Beaver Basin area.*

**Figure 2-6 Cedar/Beaver Basin 2015 Per Capita Water Use by Type (GPCD)**



*Detailed data found in Appendix C.*

*Note: Millard and Garfield counties are not shown on this chart because there is no community water system water use in the Cedar/Beaver Basin area.*

## What is unique about Cedar/Beaver Basin?

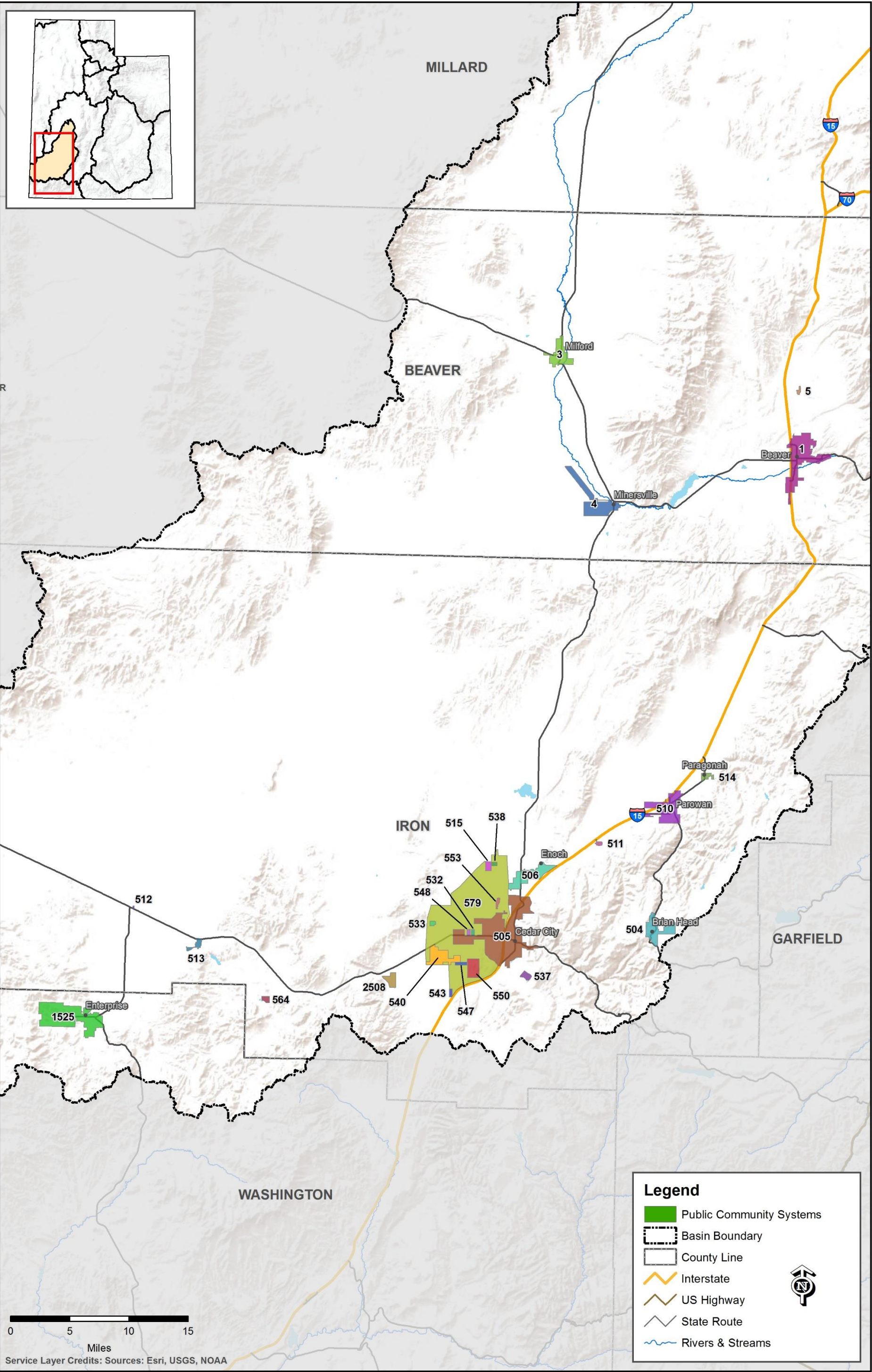
The Cedar/Beaver Basin, shown in Figure 2-7, includes four climatic zones: semi-desert, upland, mountain and high mountain. As a result, precipitation can vary between 8 to 40 inches annually, depending on the location. All potable water in the Cedar/Beaver Basin is either withdrawn from springs or pumped from groundwater wells. The average total water use is close to the state average (242 GPCD) at 263 GPCD.

A list of the 27 community water systems in the Cedar/Beaver Basin, shown below in Table 2-2, is followed by a location map for the basin, Figure 2-7.

<b>Table 2-2 Cedar/Beaver Basin 2015 Community Water Systems</b>			
<b>ID</b>	<b>System Name</b>	<b>ID</b>	<b>System Name</b>
1	Beaver City Water System	564	Irontown
5	Manderfield Culinary Water Co.	540	Meadows Ranch
3	Milford City Water System	515	Mid Valley Estates
4	Minersville Water System	532	Monte Vista Community Water Co.
504	Brian Head Water System	533	Mountain View S.S.D.
548	Buena Vista Community	513	New Castle Water Co.
2508	Bumblebee Water System	538	Old Meadows Water Co.
505	Cedar City Waterworks	514	Paragonah Town Water System
579	Central Iron County WCD	510	Parowan City Water System
537	Central Iron County WCD - Cedar Highlands	543	Rainbow Ranchos
550	Cross Hollow Hills Subdivision	547	Spring Creek Water Users
506	Enoch City Water System	511	Summit Culinary Water
512	Escalante Valley Housing	1525	Enterprise Town Water System
553	Flying L Subdivision		



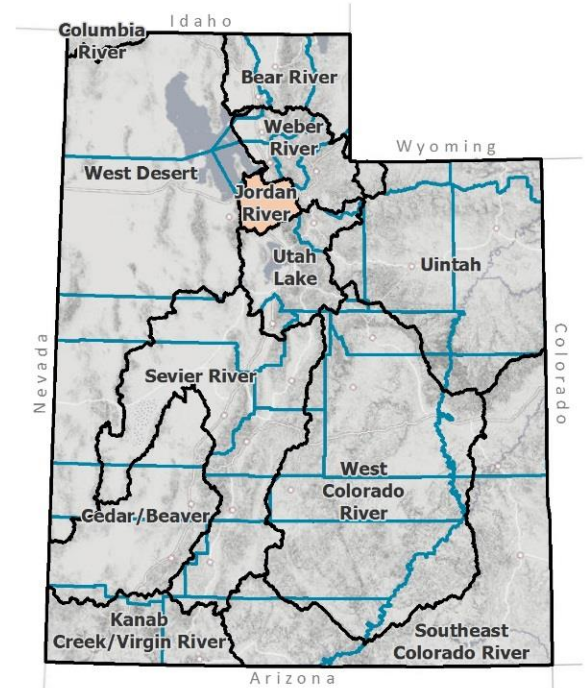
Figure 2-7 Cedar/Beaver Basin 2015 Community Water Systems





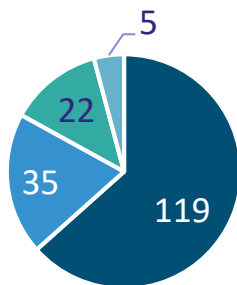
## Jordan River Basin 2015 Summary

Water System Service Population:	1,111,6060
Area:	800 square miles
Basin Location:	Northwestern Utah, southeast of the Great Salt Lake
Counties:	All of Salt Lake and tiny part of Utah Counties
Major Cities:	Salt Lake City, West Valley City, and Draper

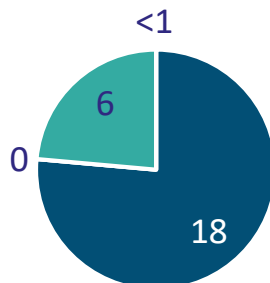


## Jordan River Basin 2015 Per Capita Water Use by Category (GPCD)

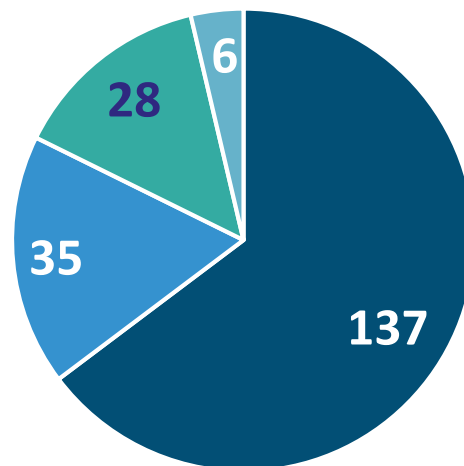
Potable Use - 181



Secondary Use - 25



Total Use - 206 GPCD



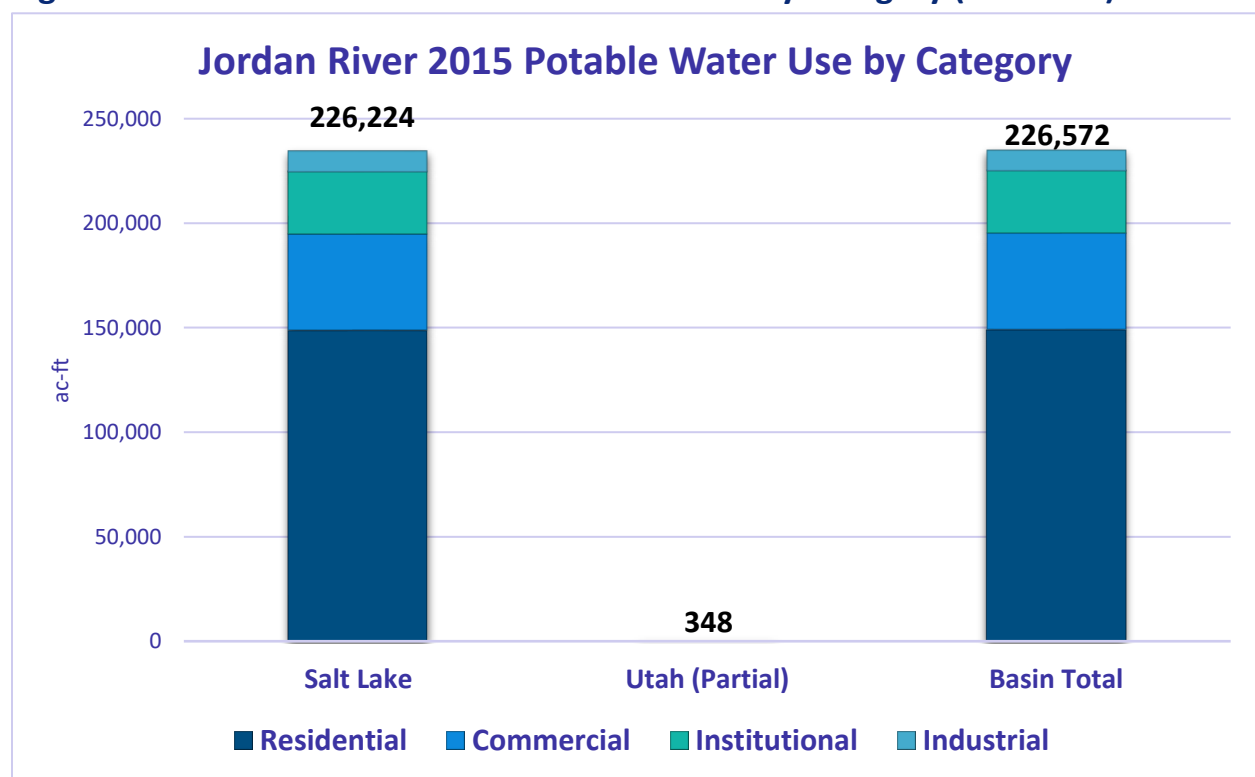
■ Residential ■ Commercial ■ Institutional ■ Industrial

Detailed data found in Appendix D.

## Jordan River Basin Community Water Systems Water Use

In 2015, the 36 community water systems in the Jordan River Basin, listed in Table 2-3, delivered 234,795 acre-feet of potable water. An estimated additional 30,699 acre-feet of secondary water was supplied to users within their service area boundaries by various irrigation and canal companies. Utah County water use (348 acre-feet) shown within the Jordan River Basin represents water use in a small area of Draper City that has spilled over the mountain into Utah County. Potable water use in the basin is shown on the chart in Figure 2-8 by county and water category (residential, commercial, institutional and industrial). Figure 2-9 shows per capita water use in the basin by county and type (potable and secondary).

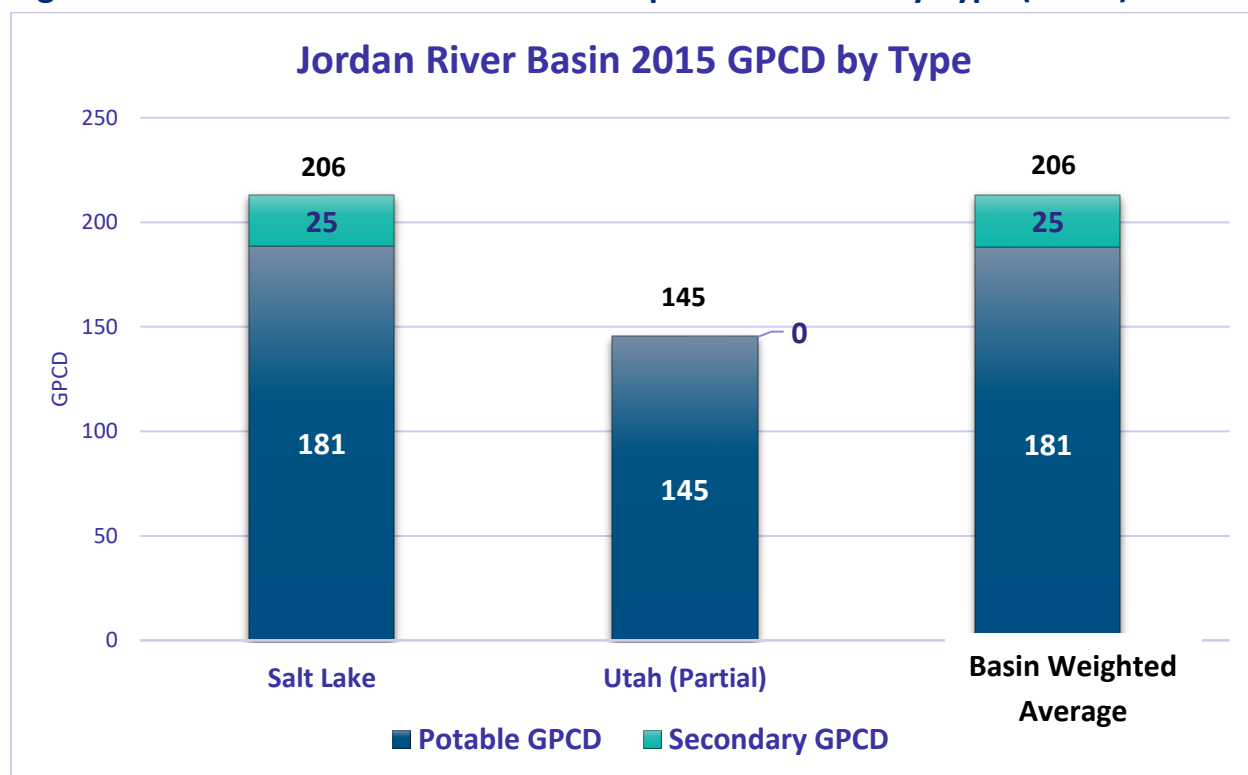
**Figure 2-8 Jordan River 2015 Potable Water Use by Category (acre-feet)**



*Detailed data found in Appendix D.*

*Note: A small area in Draper City accounts for the Utah County water use.*

**Figure 2-9 Jordan River Basin 2015 Per Capita Water Use by Type (GPCD)**



*Detailed data found in Appendix D.*

*Note: A small area of Draper City accounts for the Utah County water use.*

## What is unique about Jordan River Basin?

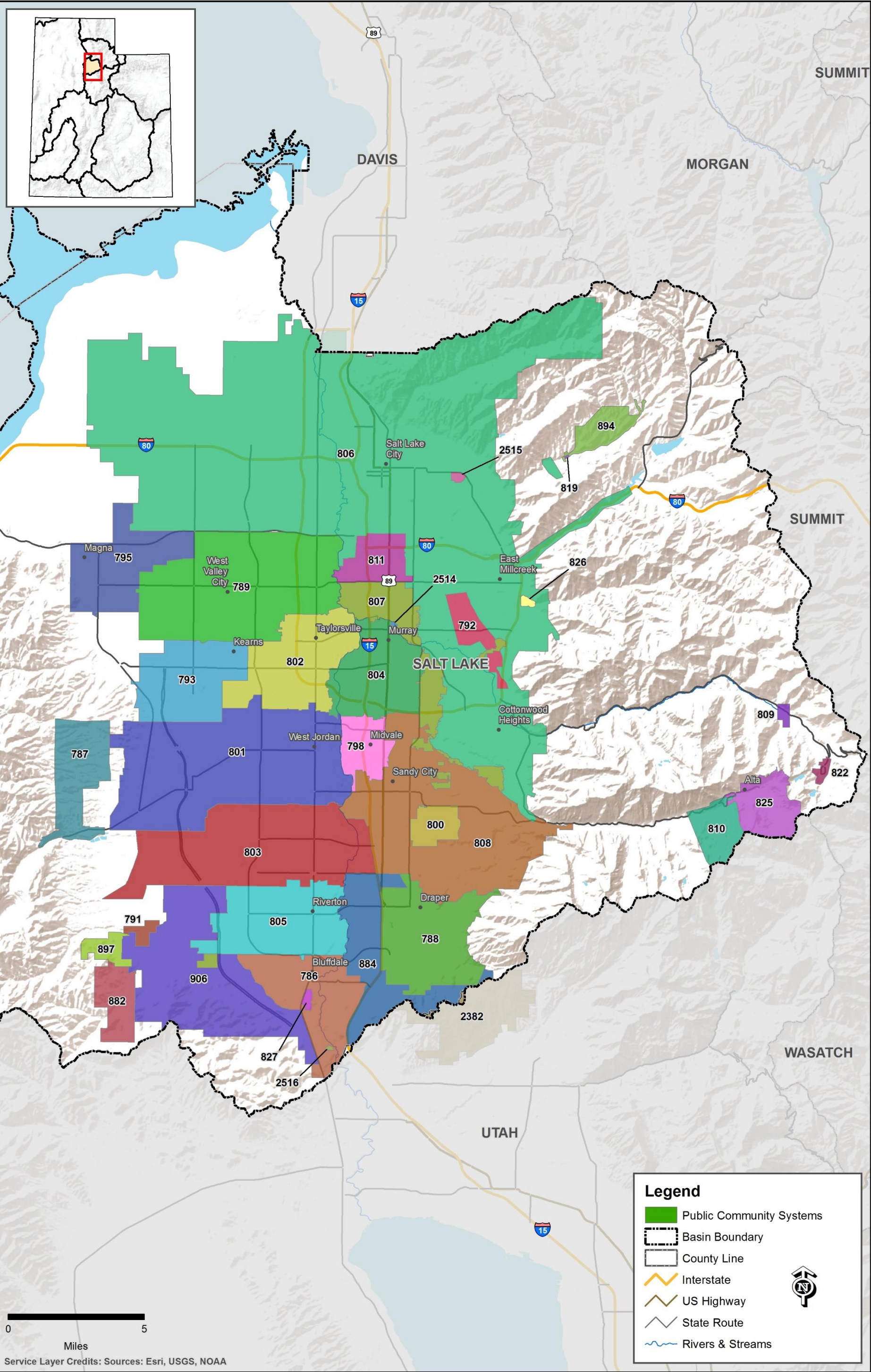
The Jordan River Basin, shown in Figure 2-10, is home to the capital city, Salt Lake City. The majority of water that serves the population in this basin comes from canyons in the Wasatch Mountain range along the east side of Salt Lake County. Elevations within the basin vary from approximately 4,200 feet above sea level at the shores of the Great Salt Lake to over 11,000 feet above sea level at the top of Twin Peaks in the nearby Wasatch Mountain range. Snow pack, the main water source for this basin, supports four ski resorts in the Jordan River Basin.

A list of 36 community water systems in the Jordan River Basin is shown in Table 2-3 below, followed by a location map, Figure 2-10.

<b>Table 2-3 Jordan River Basin 2015 Community Water Systems</b>			
<b>ID</b>	<b>System Name</b>	<b>ID</b>	<b>System Name</b>
825	Alta Town Water System	2516	Mountain Valley Water Co.
786	Bluffdale Water System	804	Murray City Water System
826	Boundary Spring Water Co.	805	Riverton City Water System
787	Copperton Improvement District	806	Salt Lake City Water System
2514	Cottonwood Coves, Inc.	810	Salt Lake County Service Area #3 - Snowbird
791	Dansie Water Co.	808	Sandy City Water System
884	Draper City Water System	809	Silver Fork Pipeline Corp.
894	Emigration Improvement District	822	Silver Lake Co.
789	Granger-Hunter Improvement District	803	South Jordan City
906	Herriman City Municipal Water Department	811	South Salt Lake City Water System
882	Hi-Country #2	819	Spring Glen Water Co.
897	Hi-Country Estates #1	802	Taylorsville-Bennion Improvement District
792	Holliday Water Co.	2515	VA Medical Center SLC
807	Jordan Valley WCD	788	Water Pro Inc. (Draper Irrigation Company)
793	Kearns Improvement District	827	Webb Well Water Users
795	Magna Water District	801	West Jordan City Water System
797	Metropolitan Water District of Salt Lake and Sandy	800	White City WID
798	Midvale City Water System		



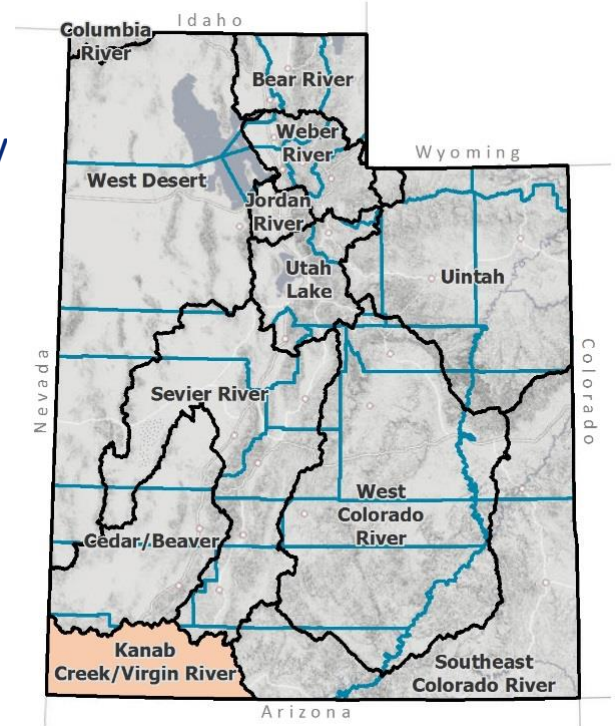
Figure 2-10 Jordan River Basin 2015 Community Water Systems





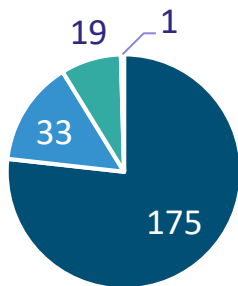
## Kanab Creek/Virgin River Basin Summary

Water System Service Population:	159,180
Area:	3,500 square miles
Basin Location:	southwest corner of Utah
Counties:	Kane, Washington, and a part of Iron County
Major Cities:	St. George, Washington, Ivins, Santa Clara and Kanab

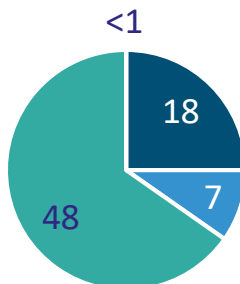


## Kanab Creek/Virgin River Basin 2015 Per Capita Water Use by Category

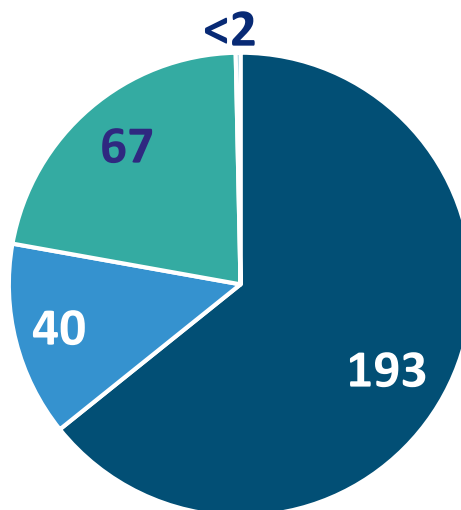
Potable Use - 228



Secondary Use - 73



Total Use - 301 GPCD



■ Residential ■ Commercial ■ Institutional ■ Industrial

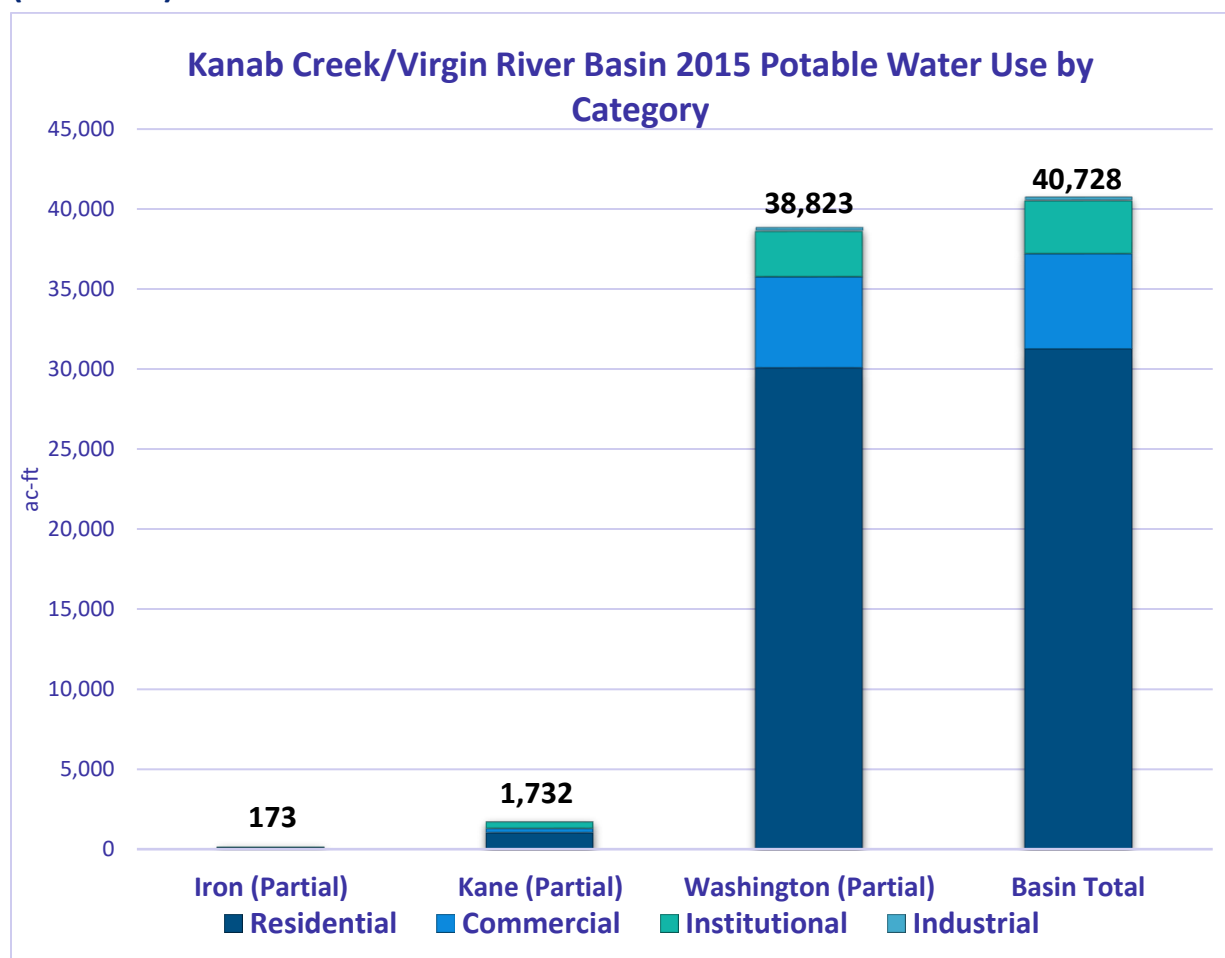
Detailed data found in Appendix E.



## Kanab Creek/Virgin River Basin Community Water Systems Use

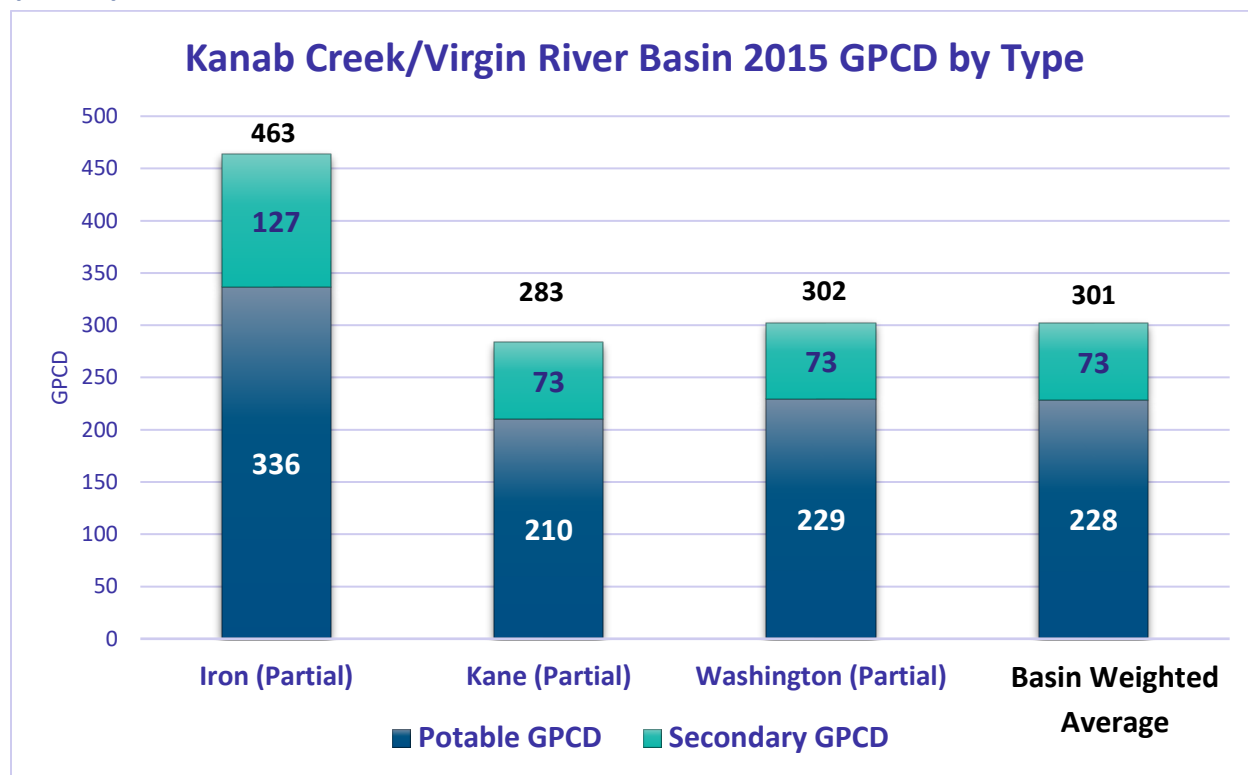
In 2015, the 42 community water systems in the Kanab Creek/Virgin River Basin, listed in Table 2-5, delivered 40,728 acre-feet of potable water. An estimated additional 13,015 acre-feet of secondary water was supplied to users within their service area boundaries by various irrigation and canal companies. Potable water use in the basin is shown on the chart in Figure 2-11 by county and water category (residential, commercial, institutional and industrial). Figure 2-12 shows per capita water use in the basin by county and type (potable and secondary).

**Figure 2-11 Kanab Creek/Virgin River Basin 2015 Potable Water Use by Category (acre-feet)**



*Detailed data found in Appendix E.*

**Figure 2-12 Kanab Creek/Virgin River Basin 2015 Per Capita Water Use by Type (GPCD)**



*Detailed data found in Appendix E.*

## What is unique about Kanab Creek/Virgin River Basin?

The Kanab Creek/Virgin River Basin, as shown in Figure 2-13, contains the largest total number of systems reporting potable use by second (vacation) homes. Water use for these thirty-one systems add up to 31,237 acre-feet of water or about 15 percent of the total water use. Four of these systems, shown here, reported at least 25 percent use by vacation homes.

**Table 2-4 Vacation Home Use in the Kanab/Virgin Basin**

<b>Water System</b>	<b>Full-time Residential Use (ac-ft)</b>	<b>Vacation Home Use (ac-ft)</b>	<b>Percent</b>
Pine Valley Irrigation Co.	30	127.6	425%
Pine Valley Mountain Farms	17	55.7	328%
Dammeron Valley Water Works LLC	220	55.7	25%
Winchester Hills Water Co.	219	54.9	25%

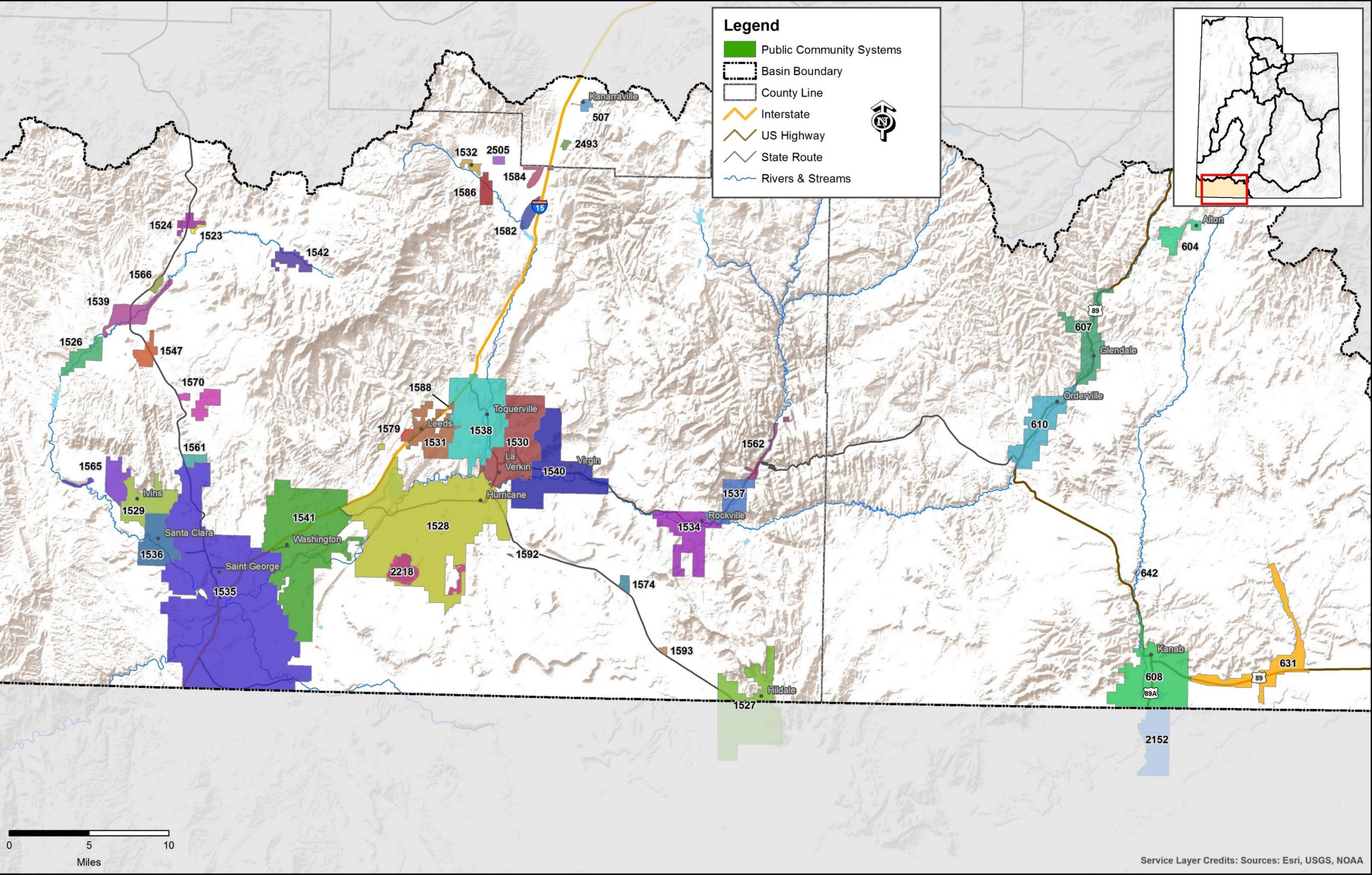
Per capita water use calculations are based on primary resident populations, as provided by the Kem C. Gardner Policy Institute, according to population counting standards. For example, water use appears to be abnormally high in the Pine Valley area when, in fact, almost 80 percent of residential potable water was delivered to vacation homes where the residents were not counted in the systems' populations. The total water use, including water use from vacation homes, is divided by only the permanent resident population, resulting in a higher GPCD.

A list of 42 community water systems in the Kanab Creek/Virgin River Basin is shown in Table 2-5 below, followed by a location map, Figure 2-13.

<b>Table 2-5 Kanab Creek/Virgin River Basin 2015 Community Water Systems</b>			
<b>ID</b>	<b>System Name</b>	<b>ID</b>	<b>System Name</b>
2493	Central Iron County WCD (Checksani Cliffs HOA)	1529	Ivins
507	Kanarraville Town Water System	1565	Kayenta Water Users Inc.
604	Alton Town Water System	1530	La Verkin City Water System
642	Best Friends Animal Society	1531	Leeds Domestic Water Users Assn.
2152	Fredonia, Arizona	1582	Mountain Springs Water Co.
607	Glendale Town Water System	1532	New Harmony Water System
608	Kanab City	2505	North Valley Ranches Subdivision
631	Kane County WCD - Johnson Canyon	1592	Olympus Academy
610	Orderville Town Water System	1542	Pine Valley Irrigation Co.
1579	Angell Springs S.S.D.	1566	Pine Valley Mt. Farms
1574	Big Plains Water and Sewer S.S.D. - Apple Valley	1534	Rockville Pipeline Co.
1593	Big Plains Water and Sewer S.S.D. - Cedar Point	1536	Santa Clara City
1523	Central Culinary Water Co.	1537	Springdale Town Water System
1547	Dammeron Valley Water Works LLC	1535	St. George City Water System
1570	Diamond Valley Acres	1538	Toquerville Town Water System
1524	Dixie Deer S.S.D.	1539	Veyo Culinary Water Assn.
1526	Gunlock S.S.D.	1540	Virgin
1584	Harmony Farms Water Users	1541	Washington City
1586	Harmony Heights HOA	1588	WCWCD - Cottam
1527	Hildale - Colorado City	1561	Winchester Hills Water Co.
1528	Hurricane City	1562	Zion Canyon Water System



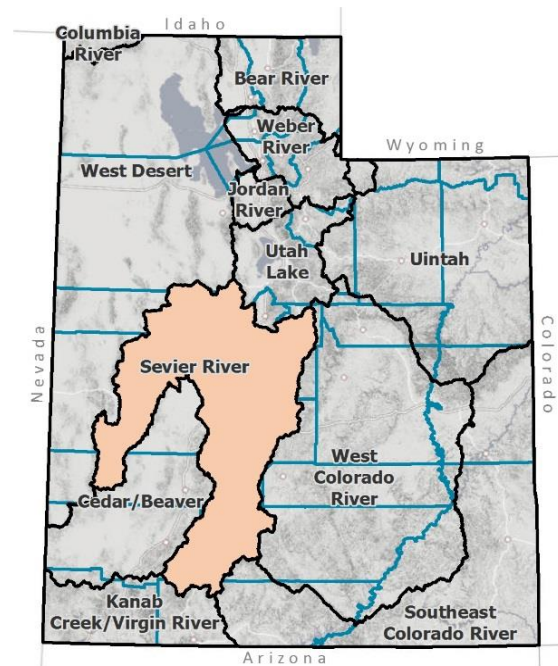
Figure 2-13 Kanab Creek/Virgin River Basin 2015 Community Water Systems



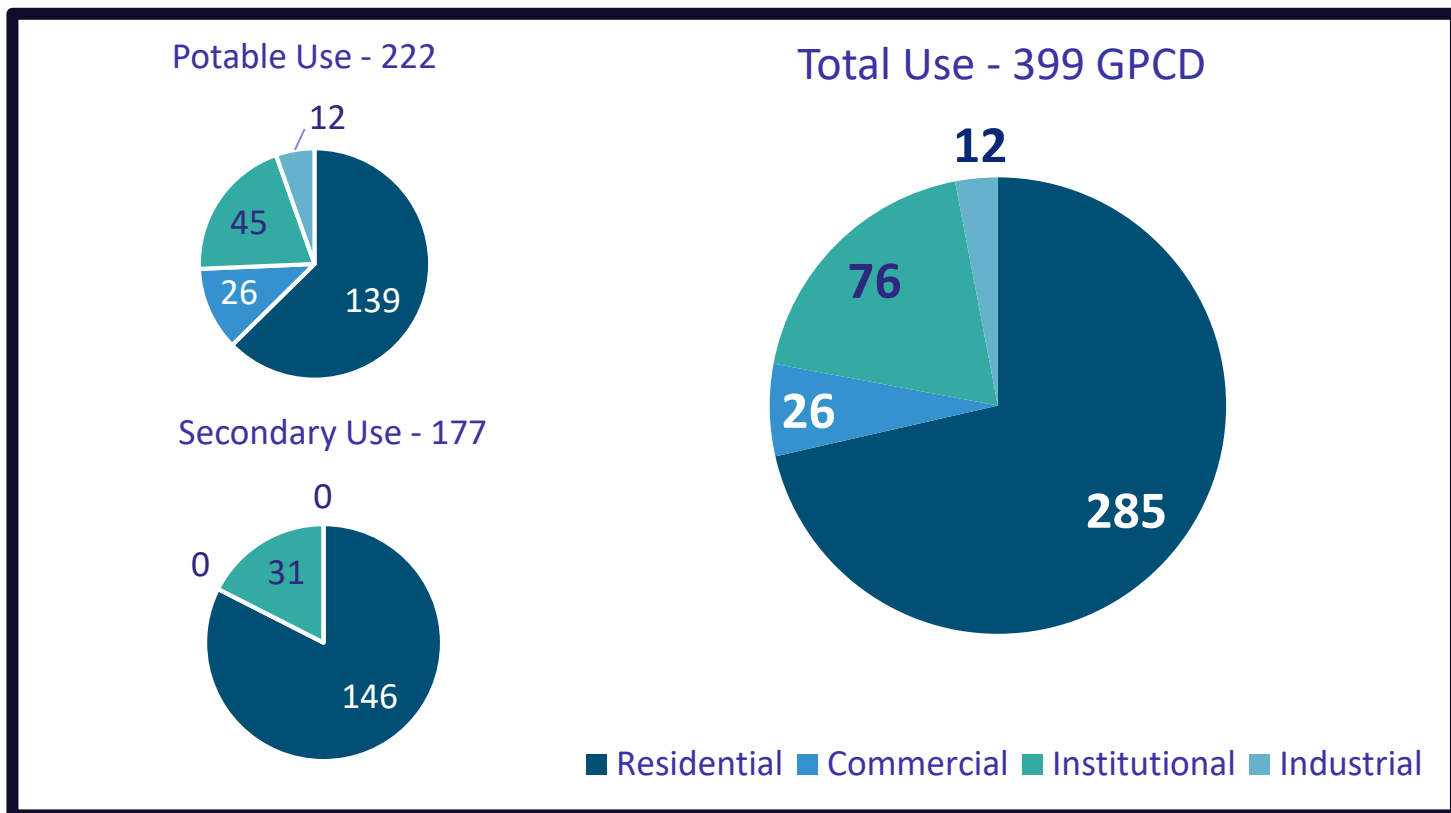


## Sevier River Basin 2015 Summary

Water System Service Population:	60,110
Area:	10,500 square miles
Basin Location:	Central and west central Utah
Counties:	Most of Sanpete, Sevier and Piute, parts of Garfield, Juab and Millard, small area in Beaver, tiny areas in Tooele, Kane, Washington and Iron
Major Cities:	Delta and Richfield
Counties with no community water systems	Beaver, Tooele, Washington and Iron



## Sevier River Basin 2015 Per Capita Water Use by Category (GPCD)



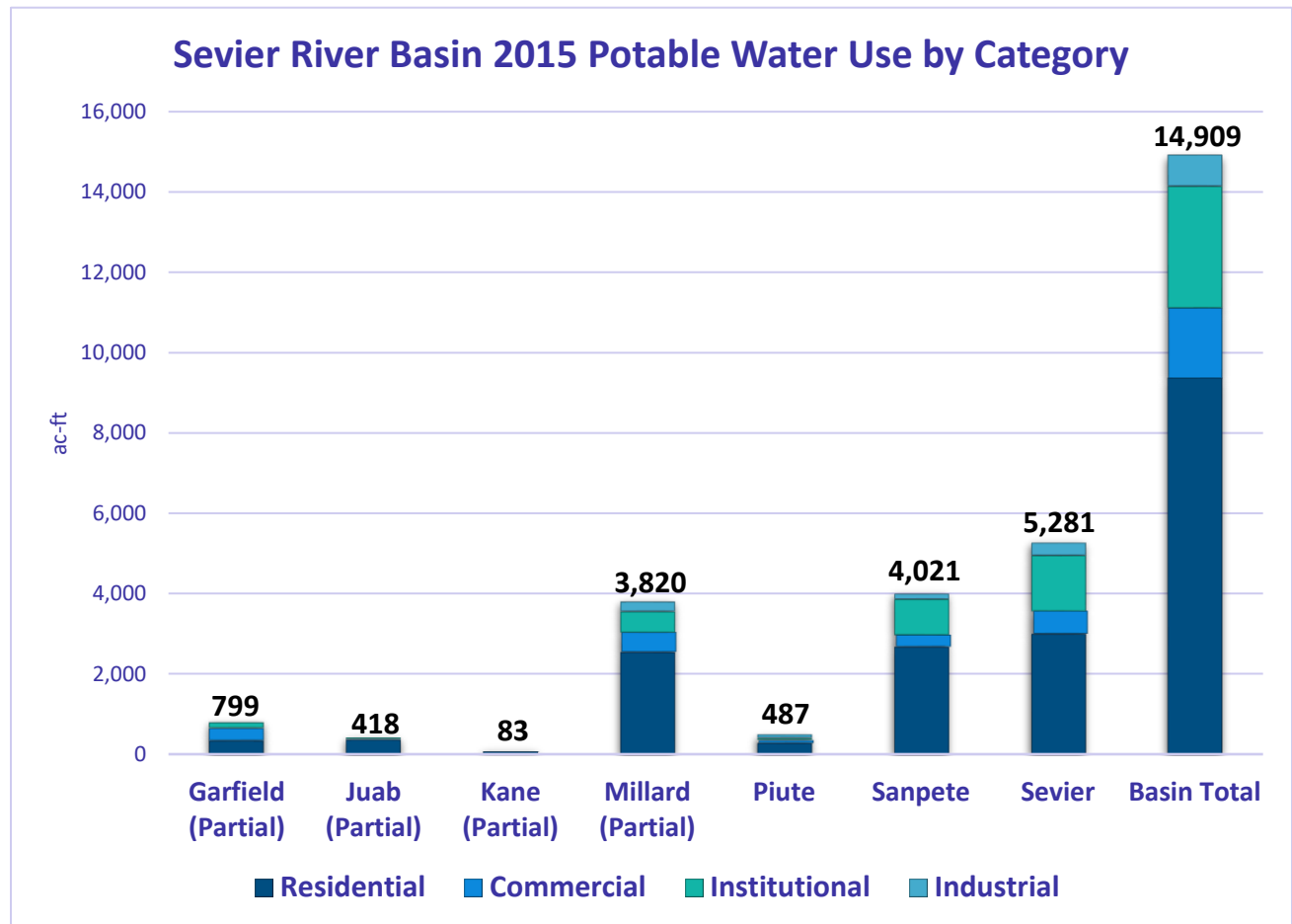
Detailed data found in Appendix F.



## Sevier River Basin Community Water Systems Water Use

In 2015, the 65 community water systems in the Sevier River Basin, listed in Table 2-6 delivered 14,909 acre-feet of potable water. An estimated additional 11,921 acre-feet of secondary water was supplied to users within their service area boundaries by various irrigation and canal companies. Potable water use in the basin is shown on the chart in Figure 2-14 by county and water category (residential, commercial, institutional and industrial). Figure 2-15 shows per capita water use in the basin by county and type (potable and secondary).

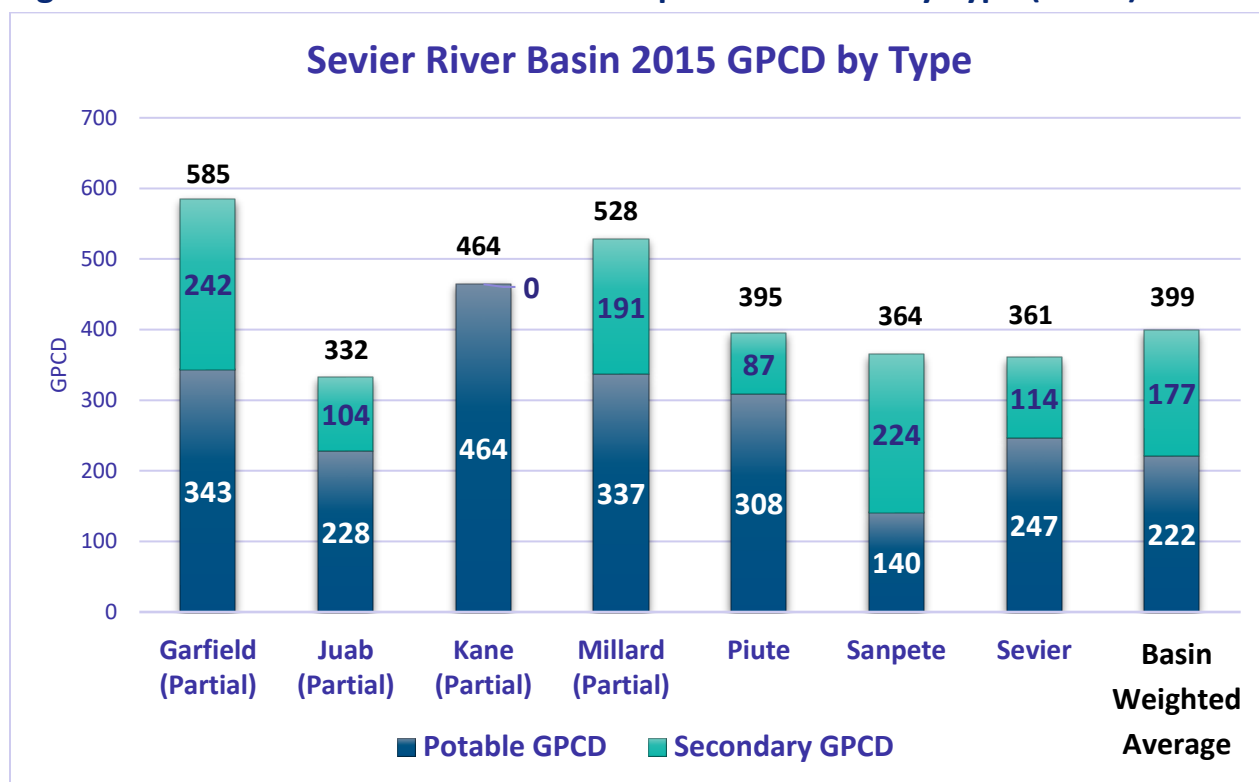
**Figure 2-14 Sevier River Basin 2015 Potable Water Use by Category (acre-feet)**



*Detailed data found in Appendix F.*

*Note: Beaver, Tooele, Washington, and Iron counties are not shown on this chart because there is no community water system water use in the Sevier River Basin area.*

**Figure 2-15 Sevier River Basin 2015 Per Capita Water Use by Type (GPCD)**



*Detailed data found in Appendix F.*

*Note: Beaver, Tooele, Washington, and Iron counties are not shown on this chart because there is no community water system water use in the Sevier River Basin area.*

## What is unique about the Sevier River Basin?

The Sevier River Basin, shown in Figure 2-16, resembles the shape of a large horseshoe wrapping around the northwest and northeast sides of the Cedar/Beaver Basin. The basin consists of high plateaus, narrow valleys, and expansive deserts with no drainage outlet. The little precipitation that is received in this area, remains in the basin. As one of the driest areas in Utah, the average basin water use is the highest in the state at 399 GPCD.

A list of 65 community water systems in the Sevier River Basin is shown in Table 2-6 below, followed by a location map, Figure 2-16.

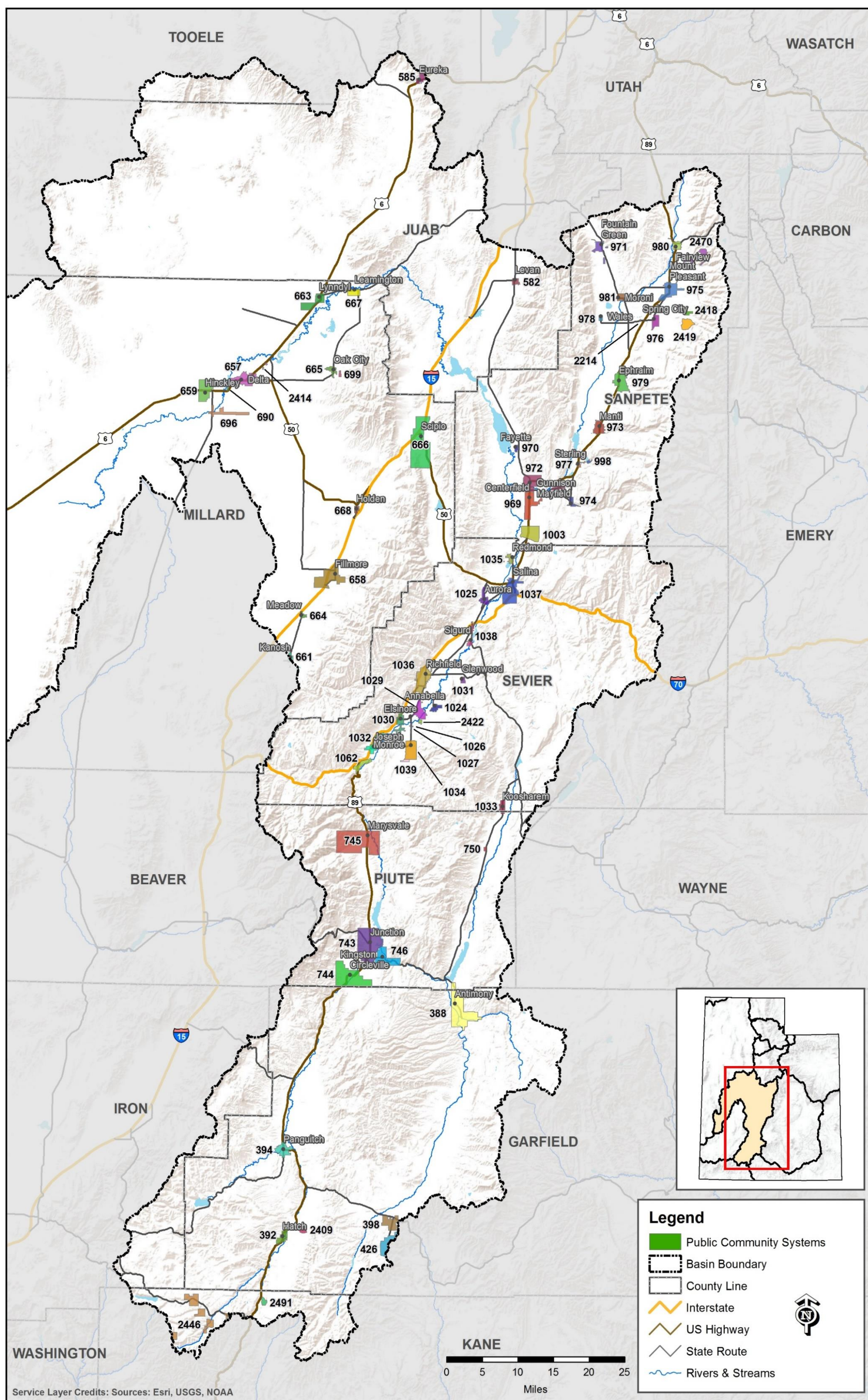
<b>Table 2-6 Sevier River Basin 2015 Community Water Systems</b>			
<b>ID</b>	<b>System Name</b>	<b>ID</b>	<b>System Name</b>
388	Antimony Town Water System	980	Fairview City Water System
426	Bryce Canyon Nat'l Park	970	Fayette Town
392	Hatch Town Water System	971	Fountain Green
394	Panguitch City Water System	972	Gunnison City
2409	Paunsagunt Cliffs S.S.D.	973	Manti City
398	Ruby's Inn	974	Mayfield Town Water System
585	Eureka Town	981	Moroni City
582	Levan Town Water System	975	Mount Pleasant City
2446	Kane County WCD - Duck Creek Village	998	Palisades Water Co.
2491	Kane County WCD - Long Valley Estates	2470	Skyline Mtn. S.S.D.
690	Country Estates HOA	976	Spring City
657	Delta City	977	Sterling Town Water System
696	Deseret-Oasis S.S.D.	2418	Twin Oaks Local District
658	Fillmore City	978	Wales Town Water System
659	Hinckley Town Water System	2419	Whispering Pines Water Co.
668	Holden Town Water System	1024	Annabella Town Water System
661	Kanosh Town Water System	1025	Aurora City
667	Leamington Town Water System	1026	Austin S.S.D.
663	Lynndyl Town Water System	1027	Brooklyn Tapline Co.,Inc.
664	Meadow Town Water System	1029	Central Valley Town
665	Oak City Water System	1062	Cove S.S.D.
699	Oak Meadows Subdivision	1030	Elsinore Town Water System

**Table 2-6 Sevier River Basin 2015 Community Water Systems**

<b>ID</b>	<b>System Name</b>	<b>ID</b>	<b>System Name</b>
666	Scipio Town	1031	Glenwood Town Water System
2414	Sunset View Estates Water Co.	1032	Joseph Town
744	Circleville Town Water System	1033	Koosharem
750	Greenwich Water Assn.	2422	Lizard Bench Water Assn.
743	Junction Town	1034	Monroe City
746	Kingston Town Water System	1035	Redmond Town Water System
745	Marysvale Town Water System	1036	Richfield City
1003	Axtell Community Service Distribution	1037	Salina City Water System
969	Centerfield Town Water System	1038	Sigurd Town Water System
2214	Chester Park Water System	1039	South Monroe Culinary Water Co.
979	Ephraim City		



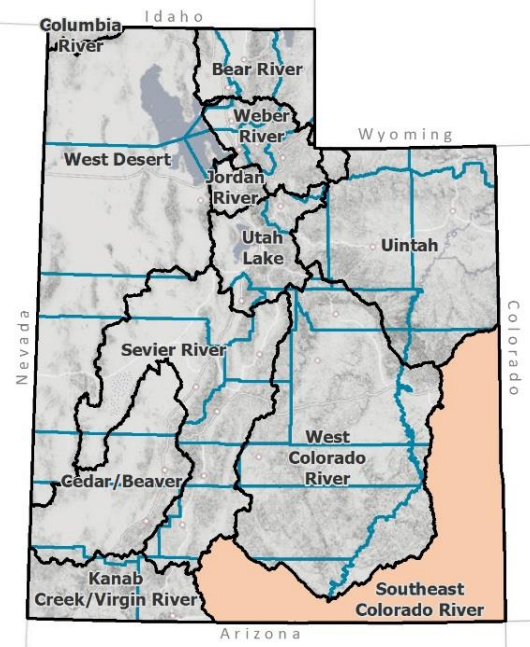
### Figure 2-16 Sevier River Basin 2015 Community Water Systems



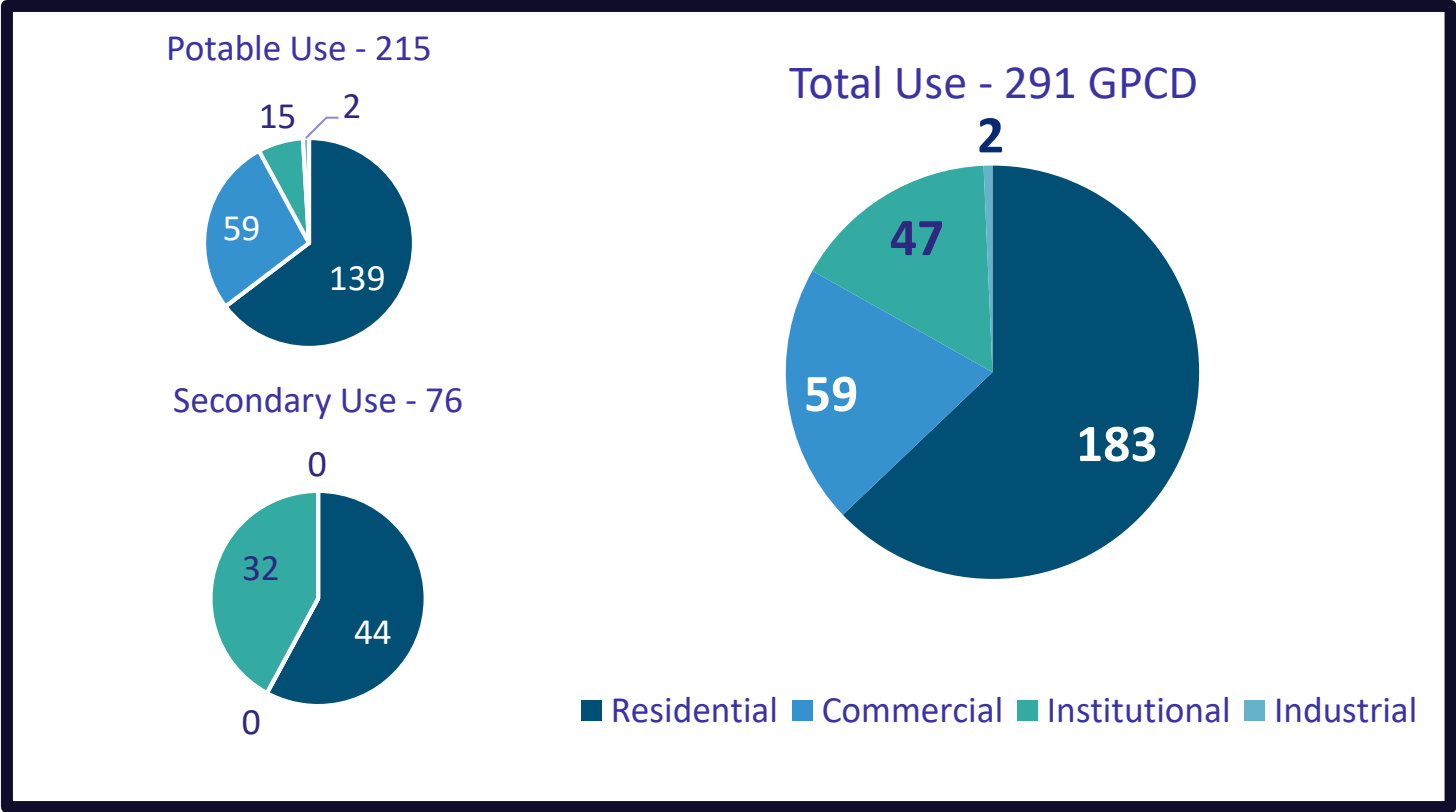


# Southeast Colorado River Basin

Water System Service Population:	17,050
Area:	10,900 square miles
Basin Location:	Southeast corner of Utah
Counties:	Most of San Juan and Grand, part of Kane and a small part of Garfield
Major Cities:	Moab, Blanding and Monticello



## Southeast Colorado River 2015 Per Capita Water Use by Category (GPCD)



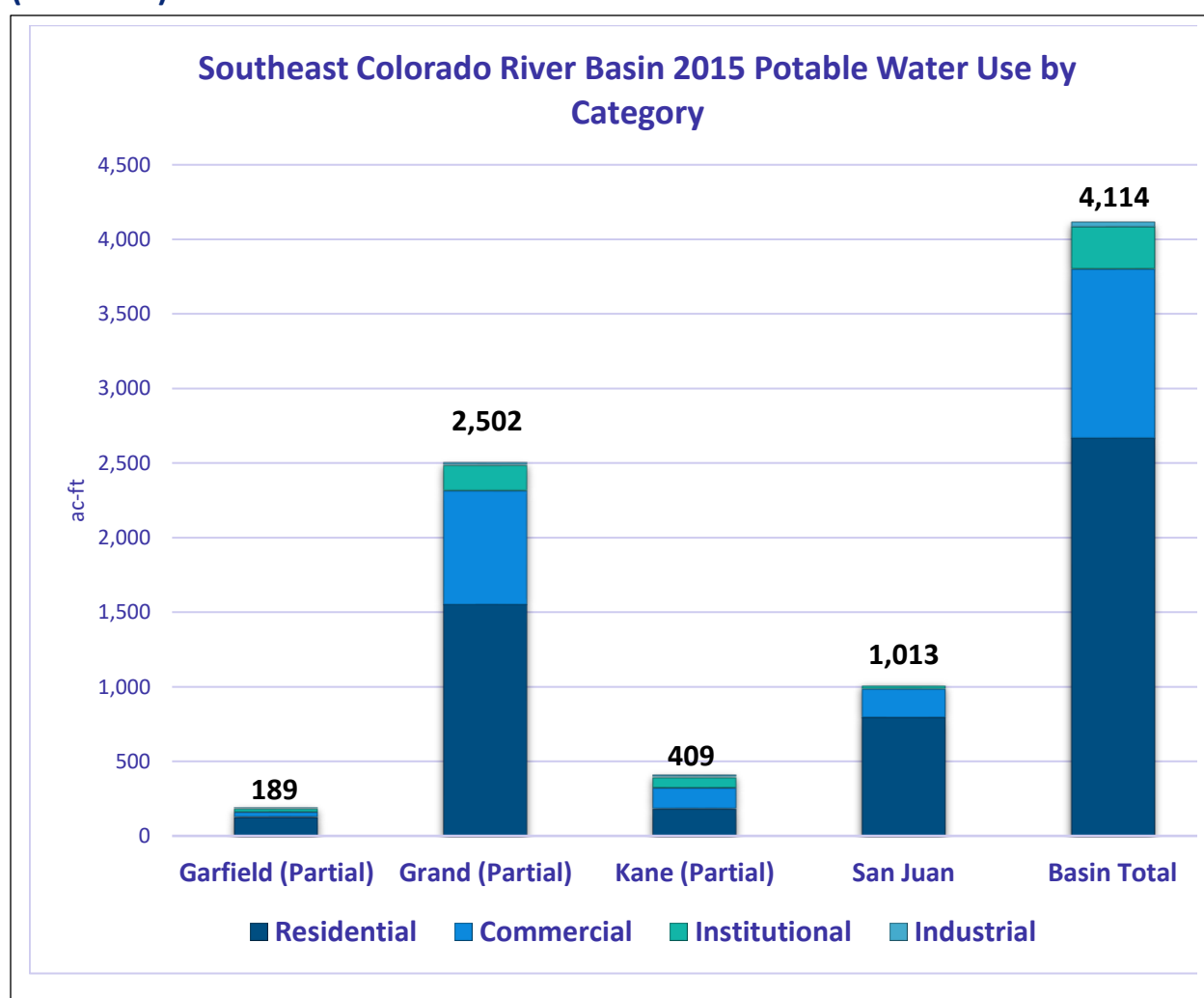
Detailed data found in Appendix G.



## Southeast Colorado River Basin Community Water Systems Use

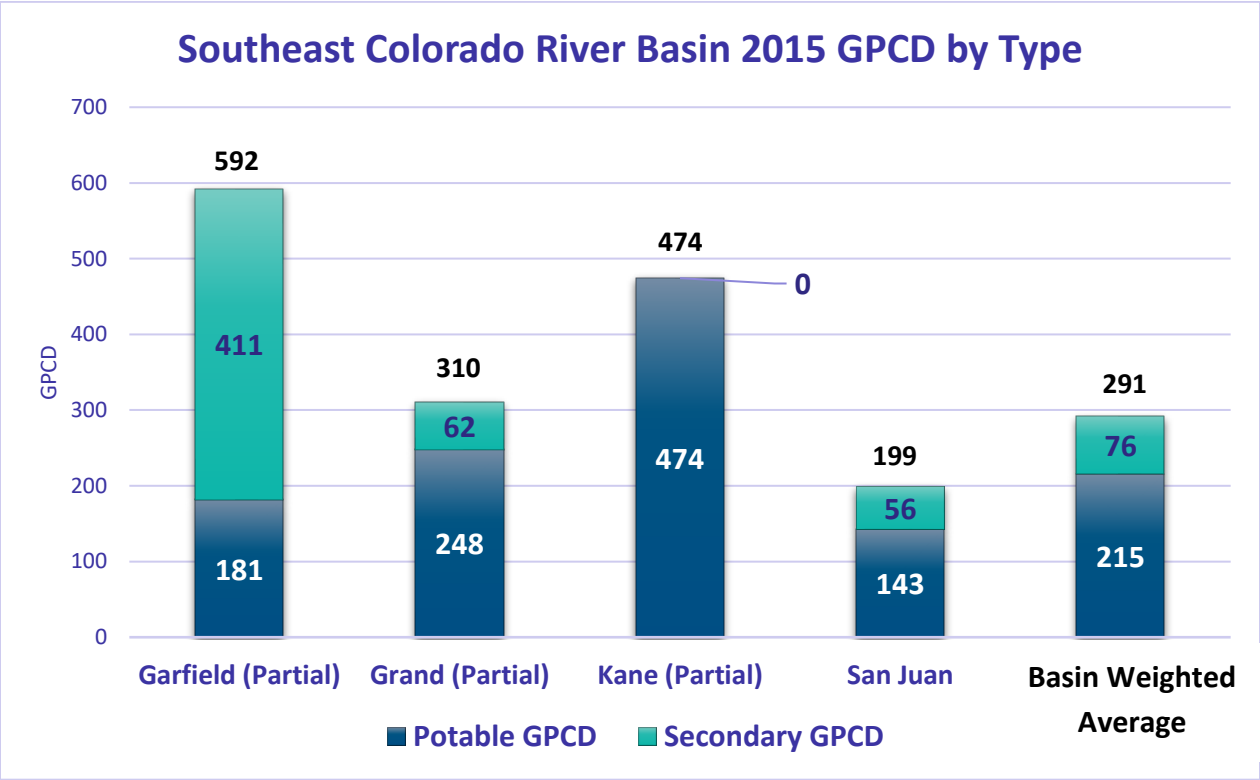
In 2015, the 18 community water systems in the Southeast Colorado River Basin, listed in Table 2-7 delivered 4,114 acre-feet of potable water. An estimated additional 1,456 acre-feet of secondary water was supplied to users within their service area boundaries by various irrigation and canal companies. Potable water use in the basin is shown on the chart in Figure 2-17 by county and water category (residential, commercial, institutional and industrial). Figure 2-18 shows per capita water use in the basin by county and type (potable and secondary).

**Figure 2-17 Southeast Colorado River Basin 2015 Potable Water Use by Category (acre-feet)**



*Detailed data found in Appendix G.*

**Figure 2-18 Southeast Colorado River Basin 2015 Per Capita Water Use by Type (GPCD)**



*Detailed data found in Appendix G.*

**What is unique about Southeast Colorado River Basin?**

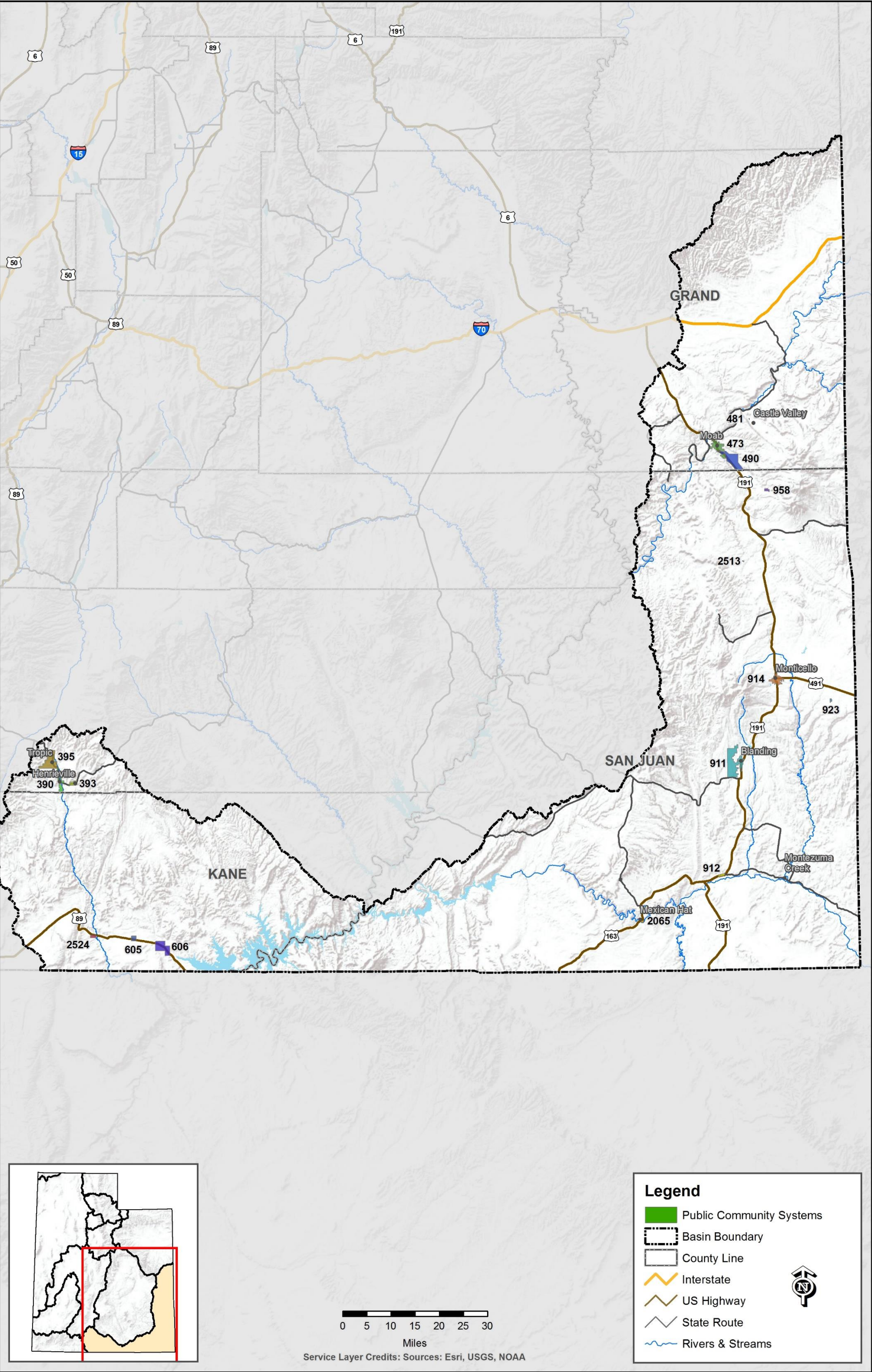
Elevations within the Southeast Colorado River Basin, shown in Figure 2-19, range from a low of 3,700 feet above sea level at Lake Powell to highs greater than 12,700 feet in the La Sal Mountains east of Moab. The basin is home to awe-inspiring natural geologic features and archeological sites that can be experienced in Canyonlands and Arches national parks.

A list of 18 community water systems in the Southeast Colorado River Basin is shown in Table 2-7 below, followed by a location map, Figure 2-19.

<b>Table 2-7 Southeast Colorado River Basin 2015 Community Water Systems</b>		
<b>ID</b>		<b>System Name</b>
390		Cannonville Town Water System
393		Henrieville Town Water System
395		Tropic Town Water System
481		Day Star Adventist Academy
490		Grand Water and Sewer Agency
473		Moab City
605		Church Wells S.S.D.
613		Glen Canyon NRA - Bullfrog
606		Glen Canyon S.S.D. #1
2524		New Paria Subdivision
911		Blanding City
912		Bluff Water Works Service District
923		Eastland S.S.D.
2265		Glen Canyon NRA - Halls Crossing
2065		Mexican Hat S.S.D. (San Juan County Service Area #1)
914		Monticello City
958		Pack Creek Water Co.
2513		Rockland Ranch



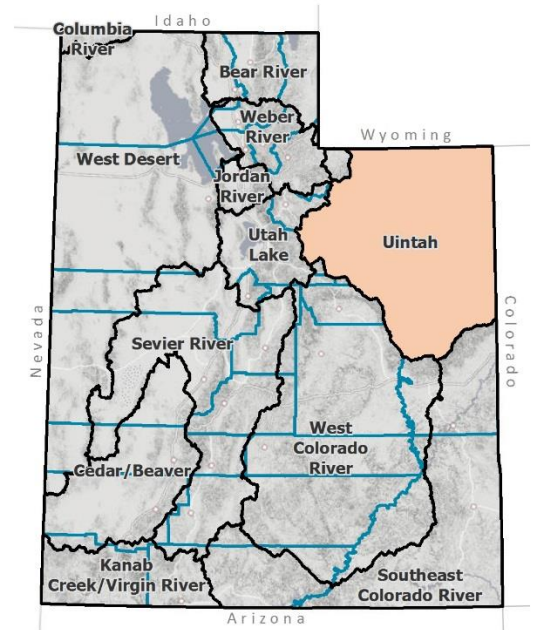
Figure 2-19 Southeast Colorado River Basin 2015 Community Water Systems





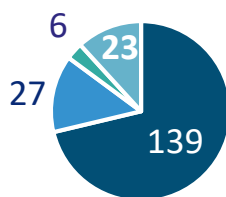
## Uintah Basin 2015 Summary

Water System Service Population:	55,840
Area:	10,900 square miles
Basin Location:	Lower northeast corner of Utah
Counties:	All of Daggett and Uintah most of Duchesne, small areas in Carbon, Emery, Grand, Summit, Utah and Wasatch
Major Cities:	Vernal, Roosevelt and Duchesne
Counties with no community water systems	Carbon, Emery, Grand, Summit, Utah and Wasatch

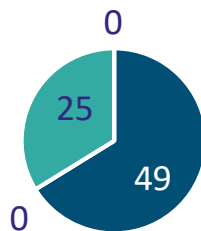


## Uintah Basin 2015 Per Capita Water Use by Category (GPCD)

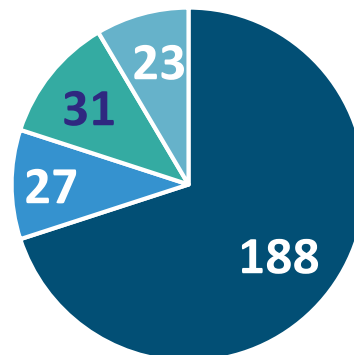
Potable Use - 195



Secondary Use - 74



Total Use - 269 GPCD



■ Residential ■ Commercial ■ Institutional ■ Industrial

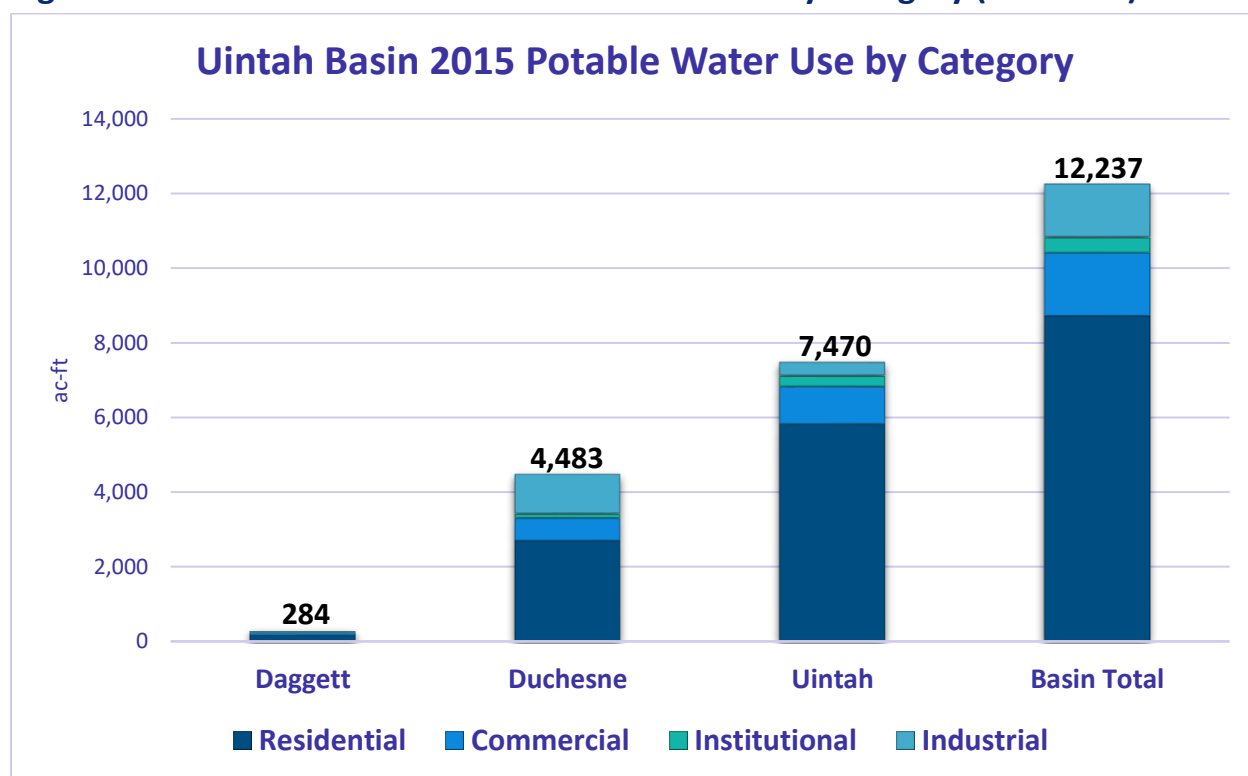
Detailed data found in Appendix H.



## Uintah Basin Community Water Systems Water Use

In 2015, the 28 community water systems in the Uintah Basin, listed in Table 2-8, delivered 12,237 acre-feet of potable water. An estimated additional 4,632 acre-feet of secondary water was supplied to users within their service area boundaries by various irrigation and canal companies. Potable water use in the basin is shown on the chart in Figure 2-20 by county and water category (residential, commercial, institutional and industrial). Figure 2-21 shows per capita water use in the basin by county and type (potable and secondary).

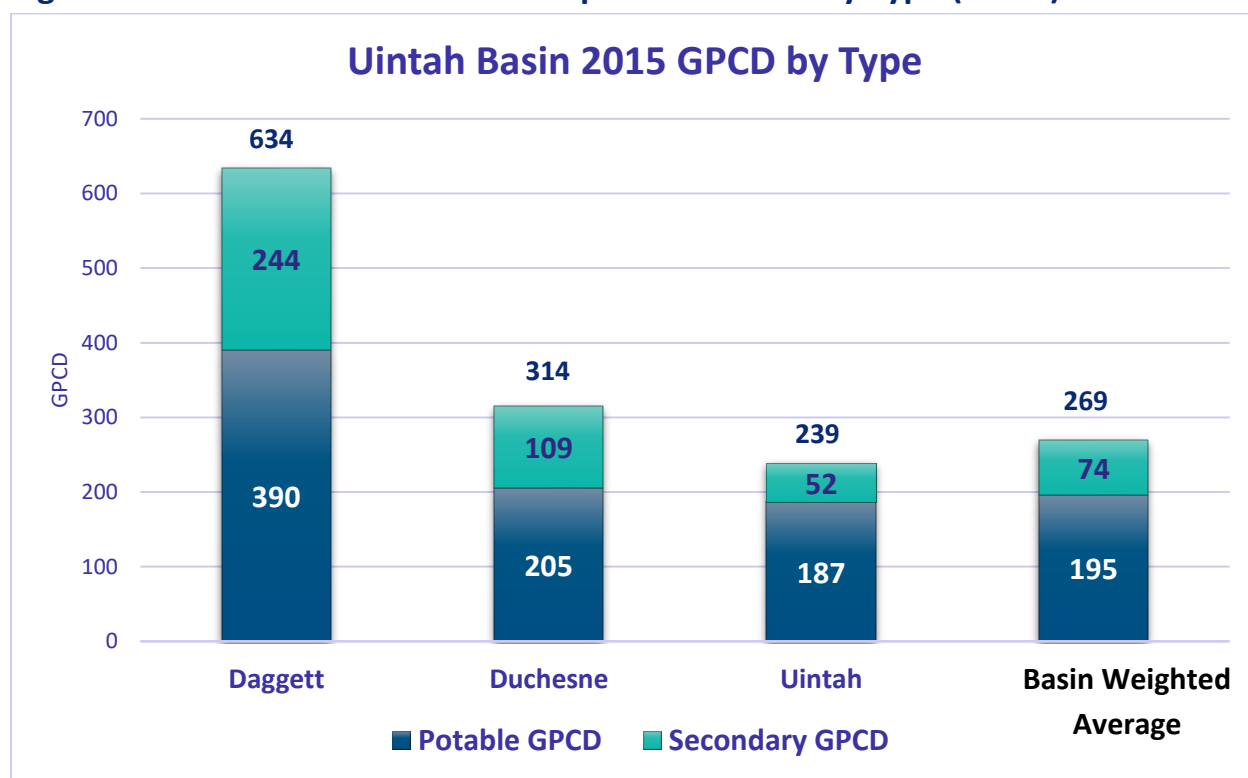
**Figure 2-20 Uintah Basin 2015 Potable Water Use by Category (acre-feet)**



*Detailed data found in Appendix H.*

*Note: Carbon, Emery, Grand, Summit, Utah, and Wasatch counties is not shown on this chart because there is no community water system water use in the Uintah Basin area.*

**Figure 2-21 Uintah Basin 2015 Per Capita Water Use by Type (GPCD)**



*Detailed data found in Appendix H.*

*Note: Carbon, Emery, Grand, Summit, Utah, and Wasatch counties is not shown on this chart because there is no community water system water use in the Uintah Basin area.*

## What is unique about Uintah Basin?

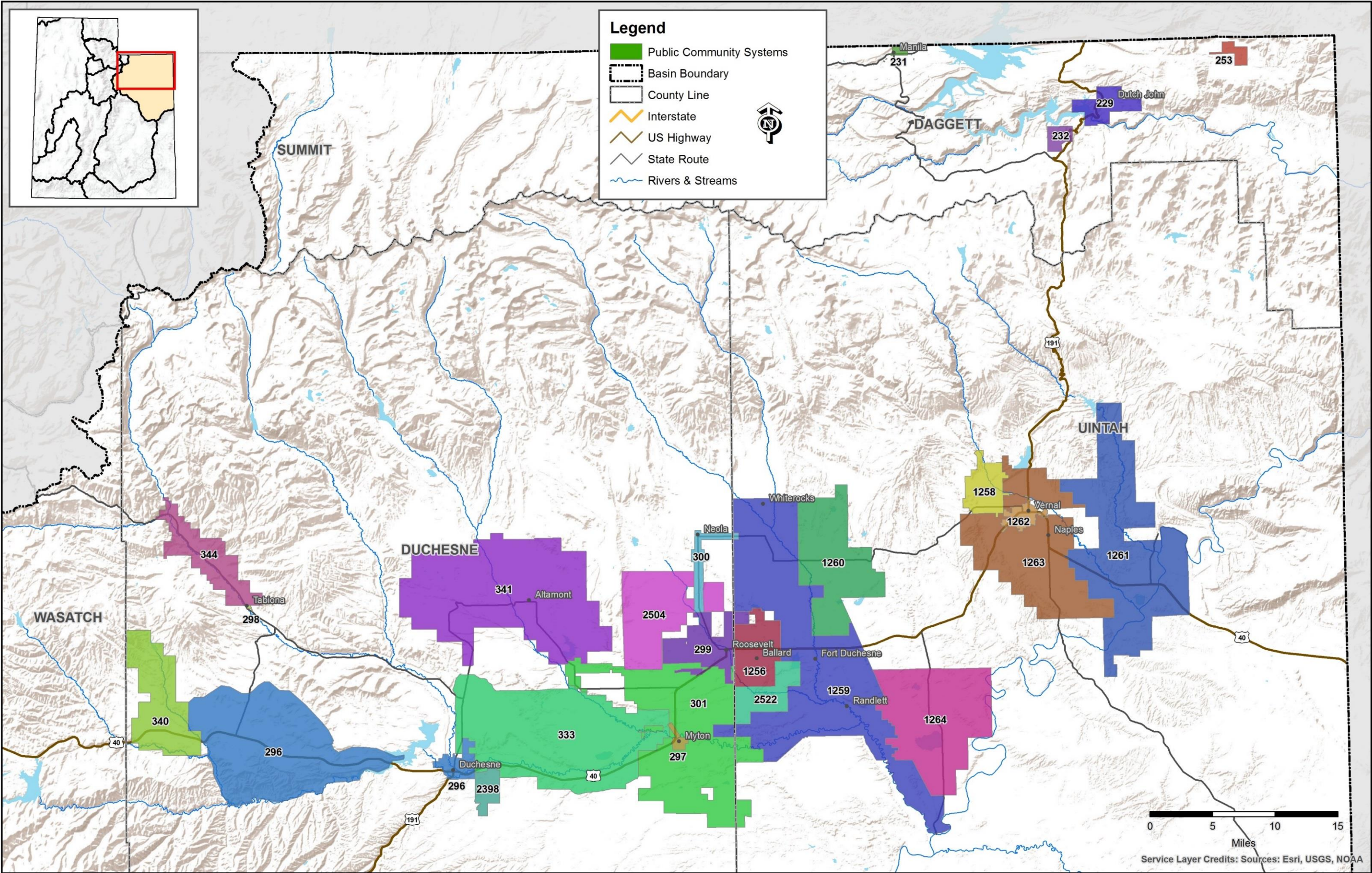
The highest peak in Utah, Kings Peak, with an elevation of 13,528 feet above sea level, is found in the Uintah Basin. This is a basin where the agricultural land use trend has been increasing, rather than decreasing. Local economies are supported by the energy industry as a result of oil reserves found in the basin. A list of 28 community water systems in the Uintah Basin is shown in Table 2-8 below, followed by a location map, Figure 2-2.

**Table 2-8 Uintah Basin 2015 Community Water Systems**

<b>ID</b>	<b>System Name</b>	<b>ID</b>	<b>System Name</b>
229	Dutch John Town Water System	300	Neola Water and Sewer District
232	Greendale Water Co.	299	Roosevelt City Water System
231	Manila Town Water System	2398	South Duchesne Culinary Water
253	Questar - Clay Basin Camp	298	Tabiona Town Water System
2504	Cedarview Montwell S.S.D.	1263	Ashley Valley Water & Sewer Improvement District
332	Central Utah WCD - Duchesne Valley	1256	Ballard Water Improvement District
341	Duchesne County Upper Country W.I.D.	1285	Central Utah WCD - Ashley Valley
2543	Duchesne County WCD	1261	Jensen Water Improvement District
296	Duchesne Water System	2522	Johnson Water District - Independence
333	East Duchesne Culinary W.I.D.	1258	Maeser Improvement District
340	Fruitland Water S.S.D.	1264	Ouray Park Water Improvement District
344	Hanna Water & Sewer Improvement District	1260	Tridell Lapoint Water Improvement District
301	Johnson Water District	1259	Uriah Heeps Springs Water System (Ute Tribal System)
297	Myton City	1262	Vernal City Water System



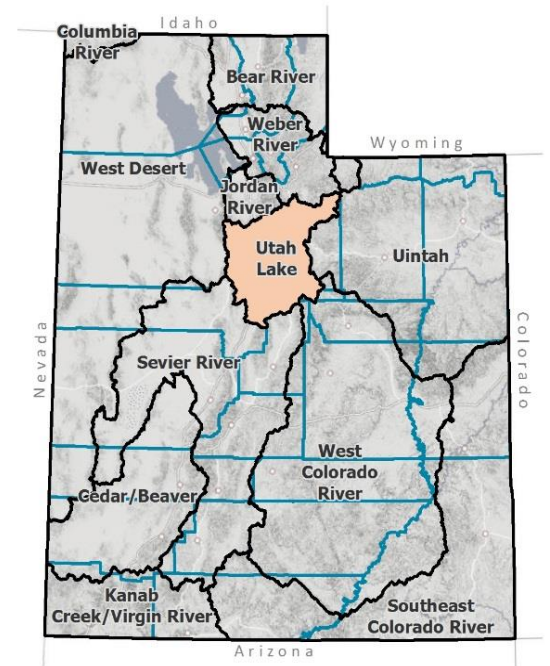
Figure 2-22 Uintah Basin 2015 Community Water Systems





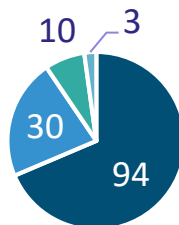
## Utah Lake Basin 2015 Summary

Water System Service Population:	603,400
Area:	3,000 square miles
Basin Location:	Central/Northwestern Utah
Counties:	Utah, Wasatch and Juab, small areas in Summit and Sanpete and a tiny area in Carbon
Major Cities:	Provo/Orem, Park City, Santequin and Nephi
Counties with no community water systems	Sanpete and Carbon

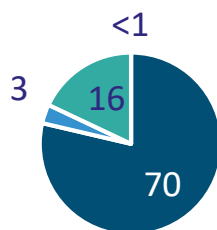


## Utah Lake Basin 2015 Per Capita Water Use by Category (GPCD)

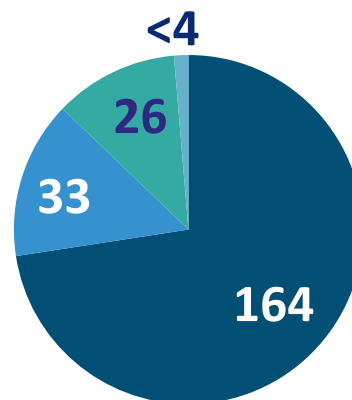
Potable Use - 136



Secondary Use - 90



Total Use - 226 GPCD



■ Residential

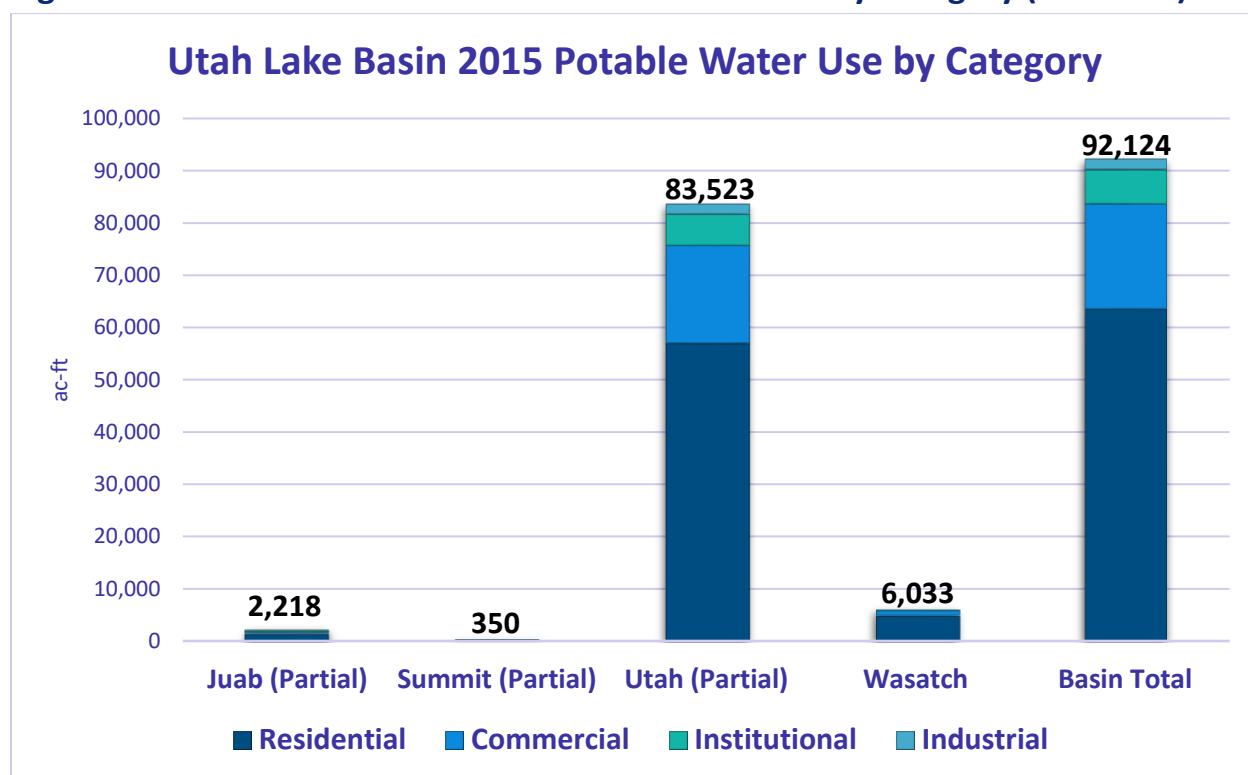
■ Commercial

Detailed data found in Appendix I.

## Utah Lake Basin Community Water Systems Water Use

In 2015, the 64 community water systems in the Utah Lake Basin, listed in Table 2-9, delivered 92,124 acre-feet of potable water. An estimated additional 60,528 acre-feet of secondary water was supplied to users within their service area boundaries by various irrigation and canal companies. Potable water use in the basin is shown on the chart in Figure 2-23 by county and water category (residential, commercial, institutional and industrial). Figure 2-24 shows per capita water use in the basin by county and type (potable and secondary).

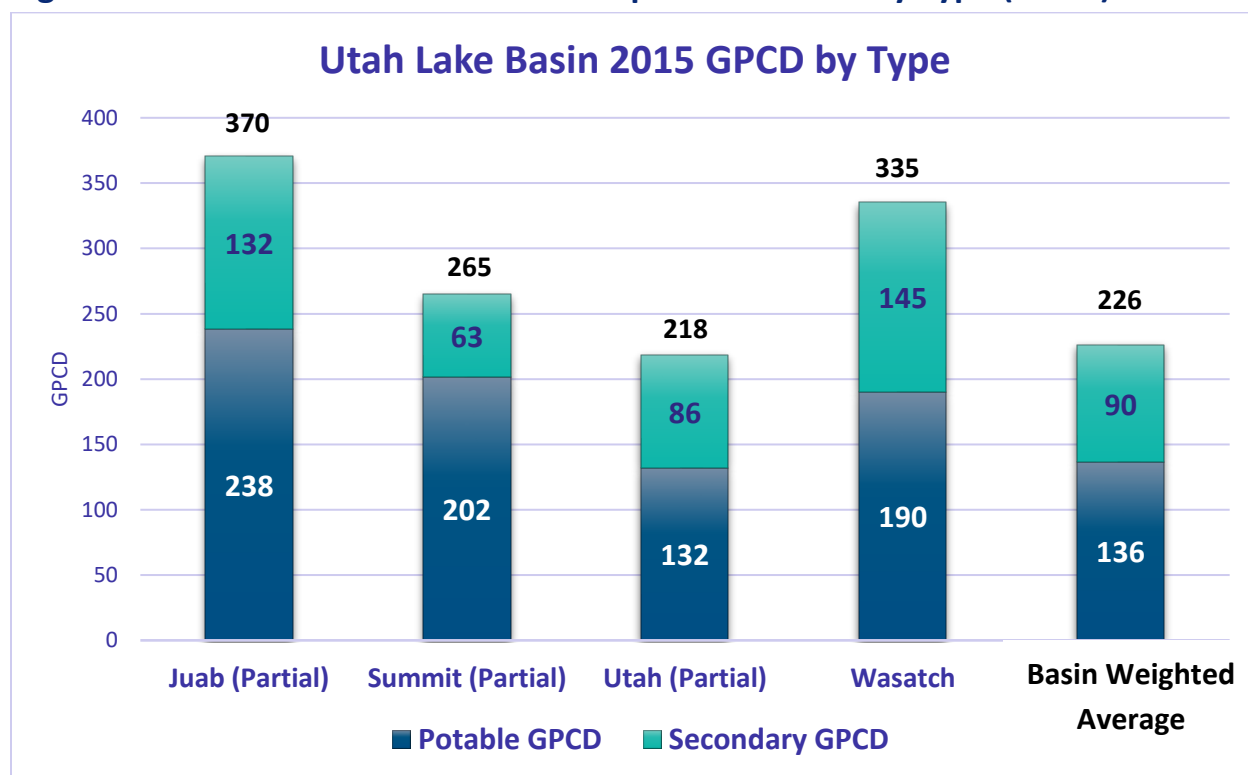
**Figure 2-23 Utah Lake Basin 2015 Potable Water Use by Category (acre-feet)**



*Detailed data found in Appendix I.*

*Note: Sanpete and Carbon counties are not shown on this chart because there is no community water system water use in the Utah Lake Basin.*

**Figure 2-24 Utah Lake Basin 2015 Per Capita Water Use by Type (GPCD)**



*Detailed data found in Appendix I.*

*Note: Sanpete and Carbon counties are not shown on this chart because there is no community water system water use in the Utah Lake Basin.*

## What is unique about the Utah Lake Basin?

There is almost 7,400 feet elevation difference in the Utah Lake Basin, shown in Figure 2-25, between the Utah Lake elevation, 4,488 feet above sea level, and the Mount Nebo elevation, 11,887 feet above sea level. The Utah Lake Basin is one of the more developed and densely populated areas in the state. Only the Jordan River and the Weber River basins are more densely populated than the Utah Lake Basin.

A list of the 64 community water systems in the Utah Lake Basin is shown in Table 2-9 below, followed by a location map, Figure 2-25.

<b>Table 2-9 Utah Lake Basin 2015 Community Water Systems</b>			
<b>ID</b>	<b>System Name</b>	<b>ID</b>	<b>System Name</b>
583	Mona Town Water System	1297	Provo City
584	Nephi City	1292	Salem City
598	Rocky Ridge Town Water System	1293	Santaquin City
1073	Francis Town Water System	1413	Saratoga Springs City
1087	Woodland Mutual Water Co.	1294	Spanish Fork City
1298	Alpine City	1295	Spring Lake
1400	Alpine Cove Water S.S.D.	1323	Springdell Plat A and B
1299	American Fork City	1296	Springville City
1345	Bradford Acres Water Assn.	1376	Utah State Hospital
1300	Cedar Fort Water System	2528	Vineyard City
1412	Cedar Hills Town Water System	1379	Vivian Park Homeowners
1391	Central Utah WCD - Utah Valley	1395	White Hills Subdivision
1315	Covered Bridge Canyon HOA	1318	Woodland Hills City
1333	Deseret Feedlot	2512	Billy Bethers Water Supply
1416	Eagle Mountain City	1496	Canyon Meadows Mutual Water Co.
2526	Eagle's Landing	1440	Center Creek Water System
1301	Elberta	1441	Charleston WCD
1321	Elk Ridge Town	1487	Country Estates Mobile Home Park



<b>Table 2-9 Utah Lake Basin 2015 Community Water Systems</b>			
<b>ID</b>	<b>System Name</b>	<b>ID</b>	<b>System Name</b>
1302	Fairfield Culinary Water System	1443	Daniel Municipal Water
1303	Genola City	1444	Heber City Water System
1324	Goosenest Water Co.	2520	Hideout Town Water System
1304	Goshen Town Water System	1482	Interlaken Mutual Water Co.
1418	Hidden Creek Water Co.	1511	Jordanelle S.S.D.
1305	Highland City	1446	Midway City Water System
1306	Lehi City	2511	North Village S.S.D.
1307	Lindon City	1458	Storm Haven Residents
2527	Maple Lake Academy	1477	Swiss Alpine Water Co.
1309	Mapleton City	1484	Timber Lakes Water S.S.D.
1388	North Fork S.S.D.	1505	Twin Creeks S.S.D.
1311	Orem City Water System	1447	Wallsburg Town Water System
1312	Payson City Water System	2523	Wolf Creek Ranch
1313	Pleasant Grove City	1480	Woodland South Hills Irrigation

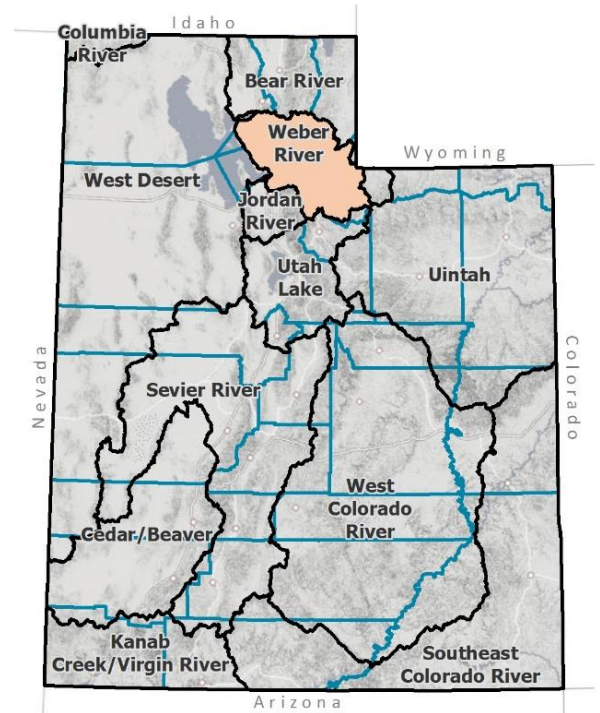


This map displays the Wasatch-Cache National Forest, highlighting public community systems (indicated by green shading) and basin boundaries (dashed lines). The map also shows county lines (solid lines) and major roads (interstates, US highways, and state routes). The forest is situated in the Wasatch-Cache National Forest area, spanning across several counties including Salt Lake, Morgan, Summit, Wasatch, Carbon, Sanpete, and Juab. The map includes an inset map of Utah in the top left corner, a scale bar in miles (0 to 10) in the bottom left, and a legend in the bottom right corner. The legend defines the symbols for Public Community Systems, Basin Boundary, County Line, Interstate, US Highway, State Route, and Rivers & Streams. The map also shows various towns and cities within the forest area, such as Cedar Fort, Fairfield, Saratoga Springs, American Fork, Pleasant Grove, Lehi, Alpine, Highland, Cedar Hills, Vineyard, Orem, Provo, Springville, Mapleton, Spanish Fork, Payson, Salem, Elk Ridge, Santaquin, Goshen, Elberta, Genola, Mona, and Naphi. The map is titled 'Wasatch-Cache National Forest' and includes the text 'Service Layer Credits: Sources: Esri, USGS, NOAA' at the bottom left.

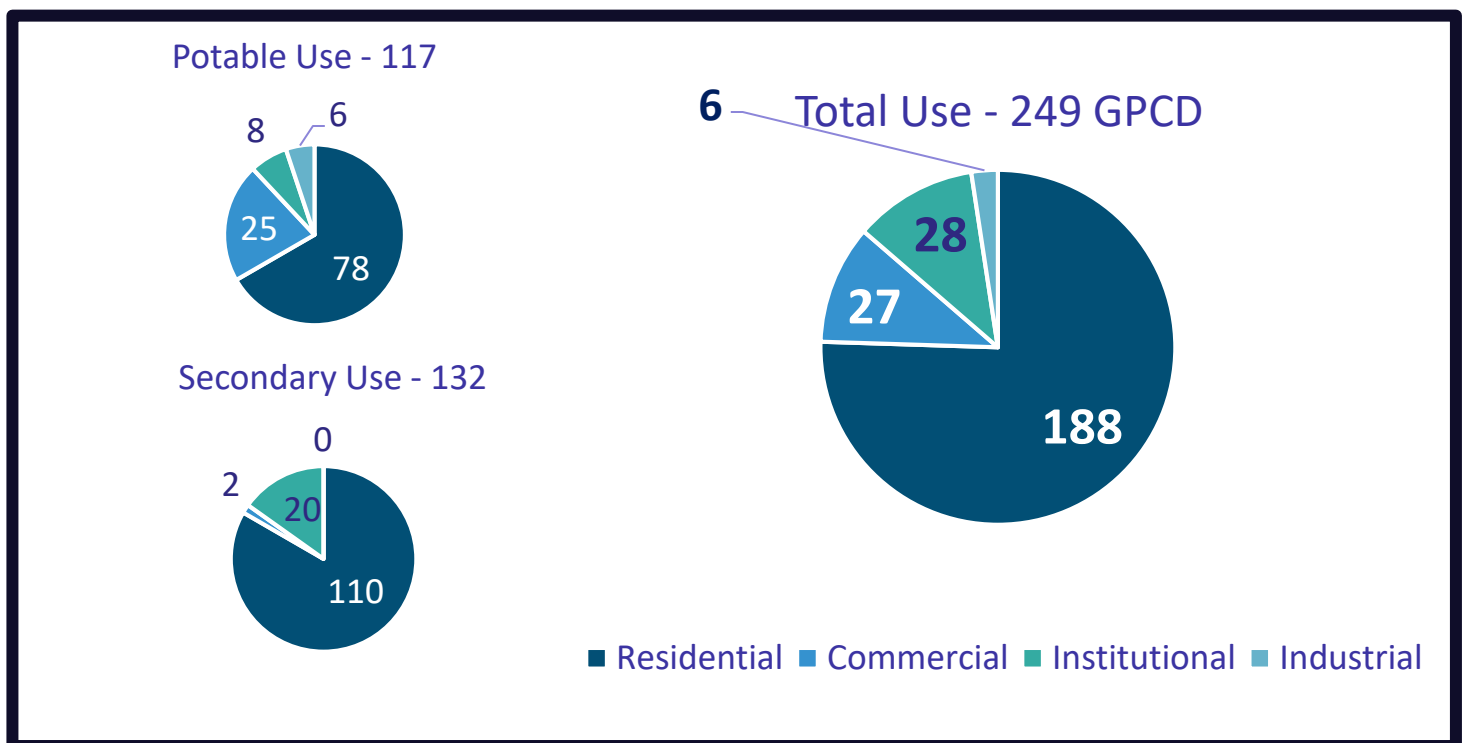


## Weber River Basin 2015 Summary

Water System Service Population:	623,960
Area:	2,400 square miles
Basin Location:	Northern Utah
Counties:	All of Morgan, part of Summit, small areas in Weber and Davis and a tiny area in Box Elder
Major Cities:	Layton, Bountiful, Clearfield, Ogden, and Park City



## Weber River Basin 2015 Per Capita Water Use by Category (GPCD)

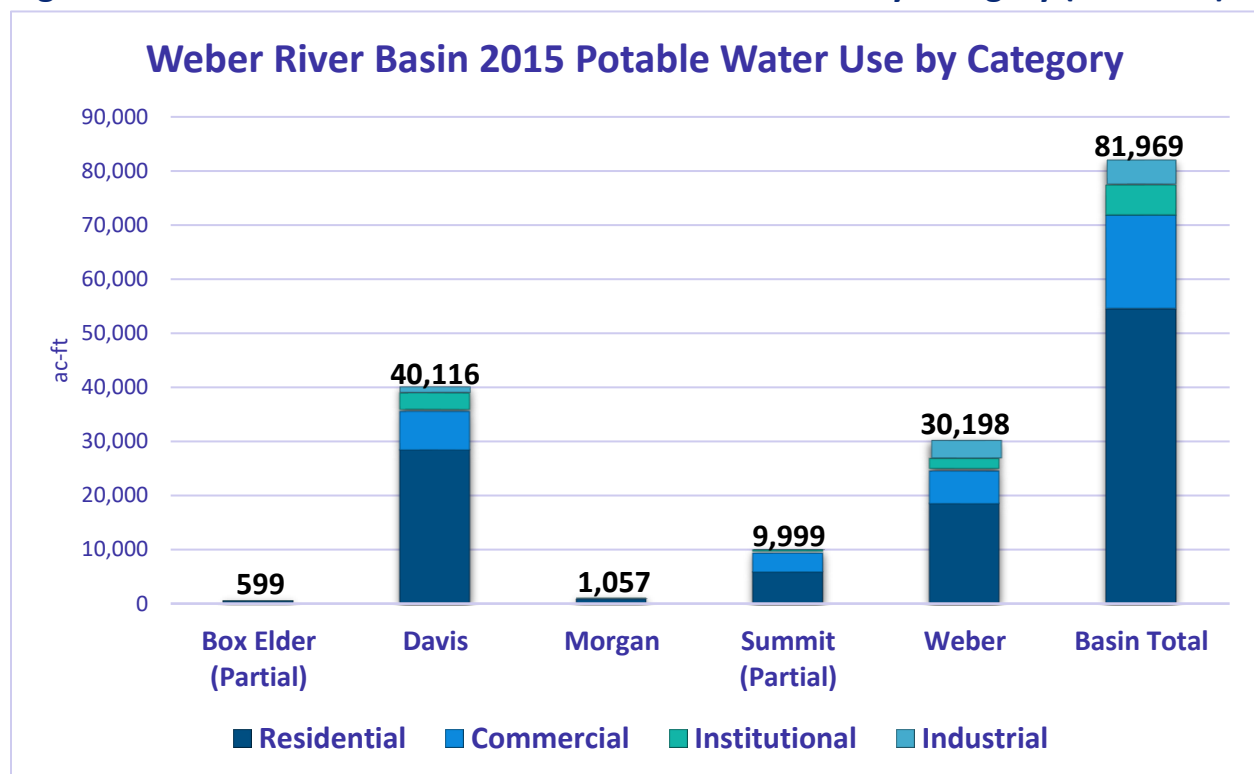


Detailed data found in Appendix J.

## Weber River Basin Community Water Systems Water Use

In 2015, the 90 community water systems in the Weber River Basin, listed in Table 2-10, delivered 81,969 acre-feet of potable water. An estimated additional 92,545 acre-feet of secondary water was supplied to users within their service area boundaries by various irrigation and canal companies. Secondary water accounts for over 50 percent of all water use in this basin. Potable water use in the basin is shown on the chart in Figure 2-26 by county and water category (residential, commercial, institutional and industrial). Figure 2-27 shows per capita water use in the basin by county and type (potable and secondary).

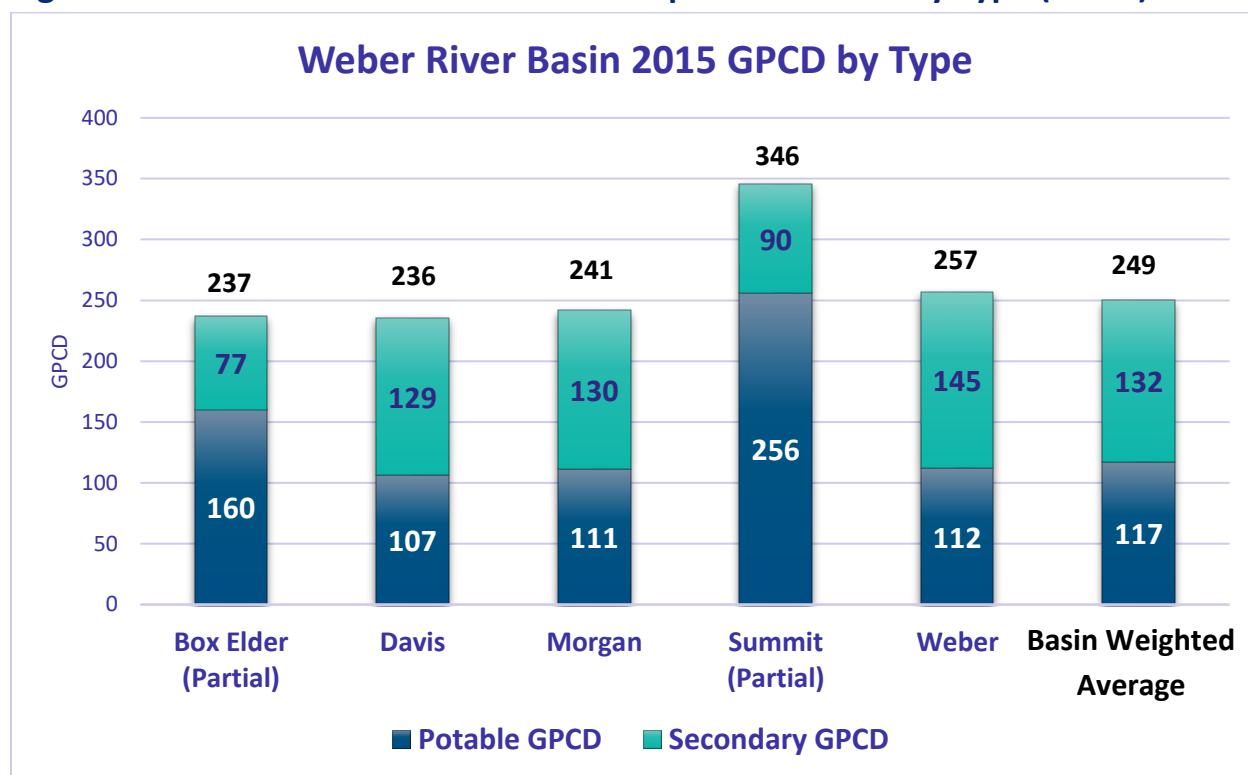
**Figure 2-26 Weber River Basin 2015 Potable Water Use by Category (acre-feet)**



*Detailed data found in Appendix J.*



**Figure 2-27 Weber River Basin 2015 Per Capita Water Use by Type (GPCD)**



*Detailed data found in Appendix J.*

## What is unique about the Weber River Basin?

The Weber River Basin, shown in Figure 2-28, is continuing to experience a high population growth rate in urban areas. Davis County is rapidly urbanizing areas adjacent to the Salt Lake City metropolitan area. Additionally, the population in the Park City and Heber areas is increasing at a rate almost double the state average.

Weber River Basin had twelve water systems report second (vacation) home potable water use. Three of these systems reported second home water use greater than 25 percent of the total water use for the system. The overall contribution to total residential potable use from second homes for the Weber River Basin was 1,327 acre-feet.

A list of 90 community water systems in the Weber Basin is shown in Table 2-10 below, followed by a location map, Figure 2-28.

<b>Table 2-10 Weber River Basin 2015 Community Water Systems</b>					
<b>ID</b>	<b>System Name</b>	<b>ID</b>	<b>System Name</b>	<b>ID</b>	<b>System Name</b>
74	Coleman Mobile Home Park	713	Highland Subdivision (Morgan)	1086	Wanship Mutual Water Co.
73	Five C Mobile Home Park	715	Monte Verde	1116	Wooden Shoe Water Company
75	Hot Springs Trailer Court	716	Morgan City Water System	1639	Bona Vista Water District
54	South Willard (Bear River WCD)	723	Mountain Green Water Assn.	1709	Casey Acres Water Co.
57	Willard City Water System	718	Peterson Pipeline Assn.	1708	Cole Canyon Water Co.
275	Bountiful City Water System	720	Richville	1640	Eden Waterworks System
261	Centerville City Water System	726	South Robinson Springs Water Users	1683	Green Hills Country Estates
262	Clearfield City Water System	1167	Bridge Hollow Water Assn.	1641	Hooper Water Improvement District
263	Clinton City Water System	1070	Cluff Ward Pipeline Co.	1642	Huntsville Town Water System
264	Farmington City Water System	1071	Coalville City Water Sys	1658	Lakeview Water Co.
276	Fruit Heights City Water System	1081	Community Water Co.	1643	Liberty Pipeline Co.
283	Hill Air Force Base	1153	Deep Springs Water Co.	1644	Nordic Mtn Water Co.
2416	Hooper Water Improvement District	1072	Echo Mutual Water System	1645	North Ogden City
266	Kaysville City	1098	Gorgoza Mutual Water Co.	1646	Ogden City

**Table 2-10 Weber River Basin 2015 Community Water Systems**

<b>ID</b>	<b>System Name</b>	<b>ID</b>	<b>System Name</b>	<b>ID</b>	<b>System Name</b>
277	Layton Water System	1074	Henefer Town	1663	Pineview West Water Co.
267	Mutton Hollow Improvement District	1090	High Valley Water Co.	1649	Pleasant View City Corp.
278	North Salt Lake	1075	Hoytsville Pipeline Co.	1723	Pole Patch Water System
269	South Davis Water Improvement District	1076	Kamas City Water System	1650	Riverdale
270	South Weber Water System	1156	Lake Rockport Estates	1651	Roy
271	Sunset City Water System	1077	Marion Waterworks Co.	1652	South Ogden City
272	Syracuse Water System	1186	Mt. Regional Water S.S.D.	1701	Spring Mountain Mutual Water Co.
268	Weber Basin Job Corps	1079	Oakley Town Water System	1653	Taylor West Weber WID
274	West Bountiful Water System	1080	Park City Culinary Water	1656	The City of Washington Terrace
279	West Point Water System	1082	Peoa Pipeline Co.	1654	The Town of Uintah
280	Woods Cross Water System	1135	Pine Meadow Mutual Water	1655	Uintah Highlands Improvement District
712	Central Enterprise Water Co.	1157	Summit Co Service #3	2544	West Haven SSD

Table 2-10 Weber River Basin 2015 Community Water Systems					
ID	System Name	ID	System Name	ID	System Name
721	Cottonwood Mutual (Wilkinson)	1117	Summit Water Distribution	1710	West Warren Improvement District
709	Croydon Pipeline Co.	1088	Wanship Cottage Sites	1648	Wolf Creek Water and Sewer Imp. District
2506	Hidden Hollow Water Co.				



**Legend**

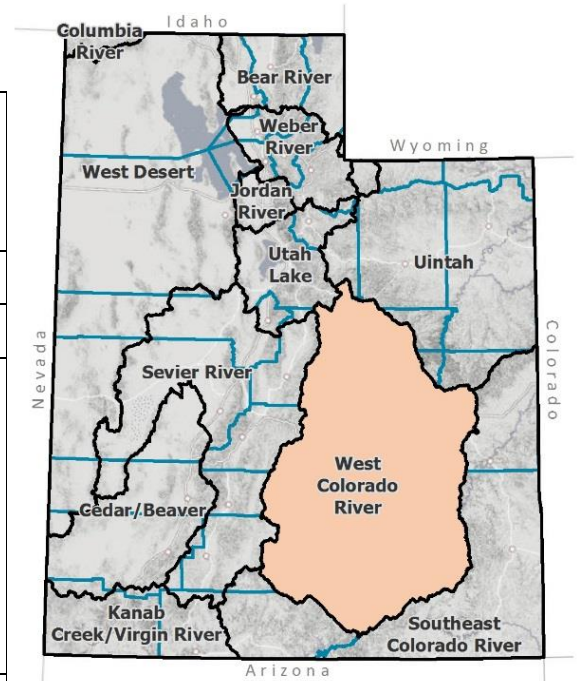
- Public Community Systems
- Basin Boundary
- County Line
- Interstate
- US Highway
- State Route
- Rivers & Streams

Service Layer Credits: Sources: Esri, USGS, NOAA

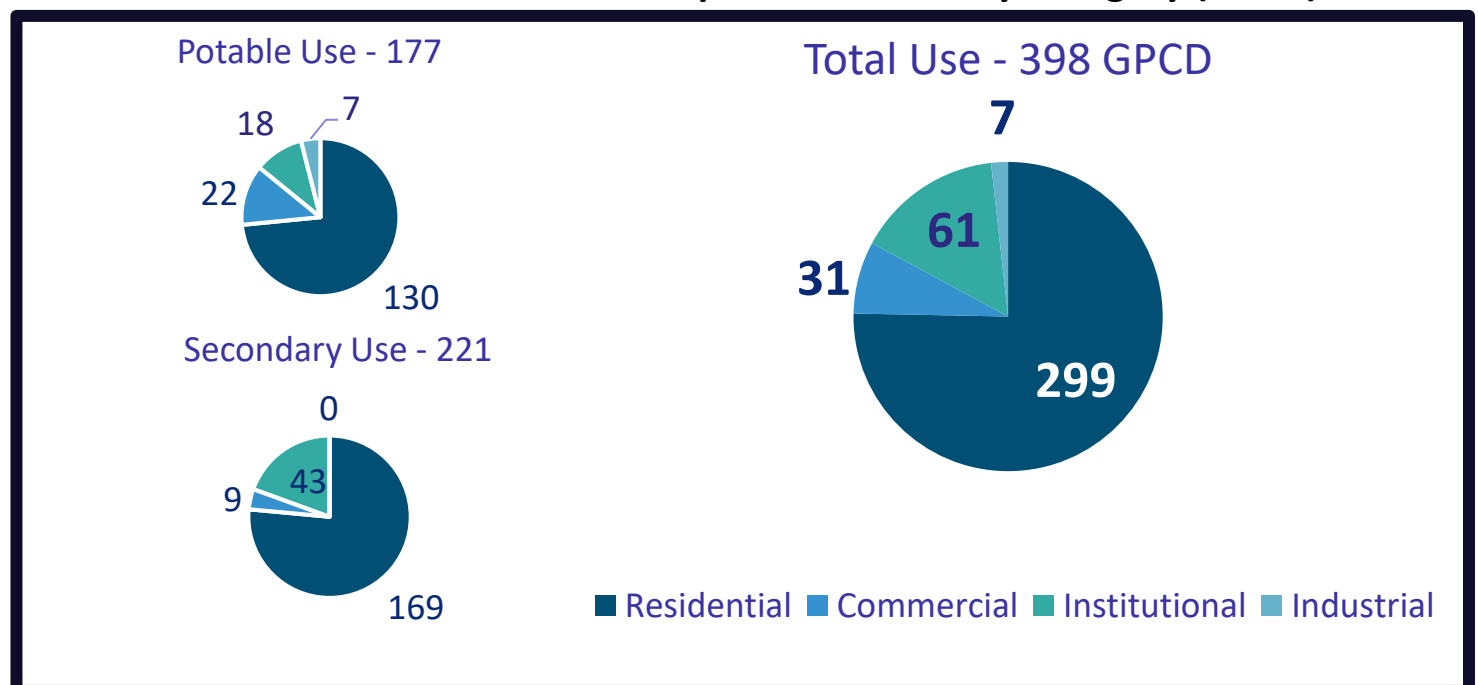


## West Colorado River Basin

Water System Service Population:	33,950
Area:	15,400 square miles
Basin Location:	Southeastern Utah
Counties:	All of Wayne, most of Carbon, Emery and Garfield, portions of Sanpete, Sevier, Utah, Wasatch; and parts of San Juan, Grand, and Kane; small portions of Utah Lake, Wasatch and Duchesne
Major Cities:	Green River, Orangeville, Huntington, Price and Wellington
Counties with no community water systems	Kane, San Juan, Sanpete, Sevier, Utah, Duchesne and Wasatch



## West Colorado River Basin 2015 Per Capita Water Use by Category (GPCD)

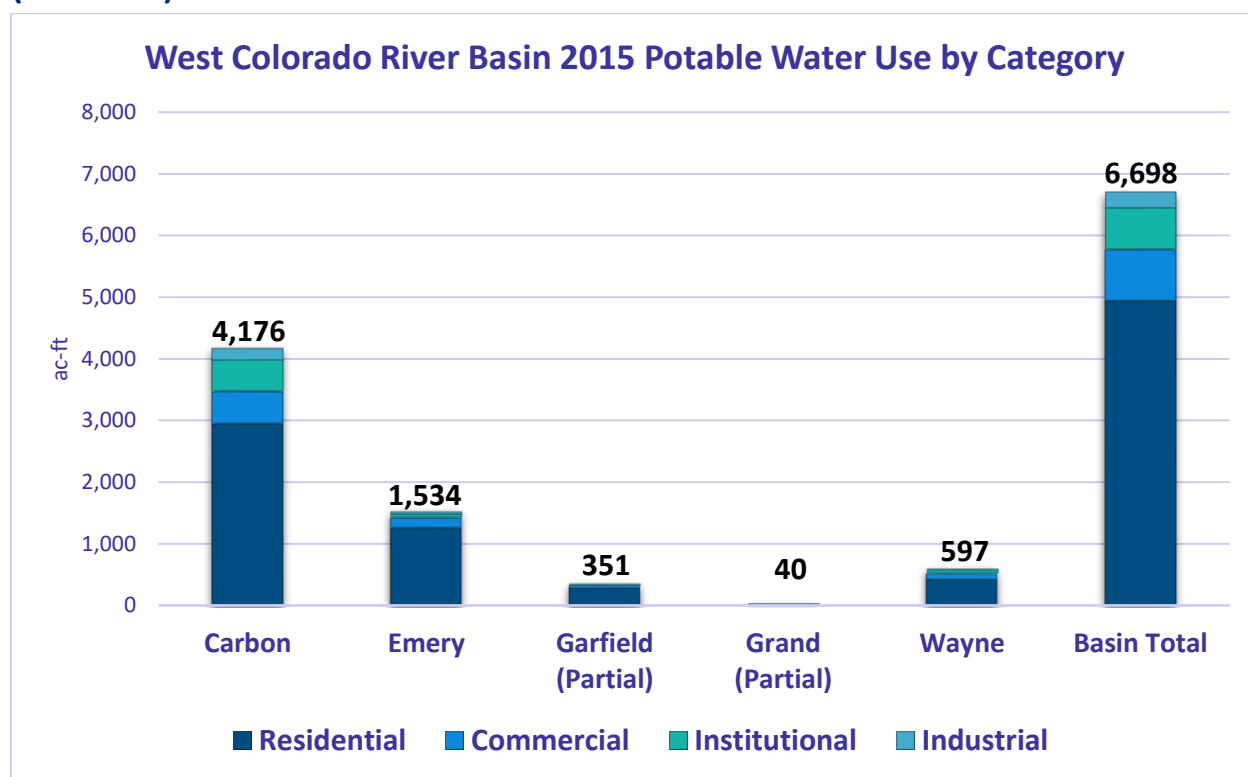


Detailed data found in Appendix K.

## West Colorado River Basin Community Water Systems Use

In 2015, the 29 community water systems in the West Colorado River Basin, listed in Table 2-10 and shown in Figure 2-31, delivered 6,698 acre-feet of potable water. An estimated additional 8,403 acre-feet of secondary water was supplied to users within their service area boundaries by various irrigation and canal companies. Secondary water accounts for approximately 55 percent of all water use in this basin. Potable water use in the basin is shown on the chart in Figure 2-29 by county and water category (residential, commercial, institutional and industrial). Figure 2-30 shows per capita water use in the basin by county and type (potable and secondary).

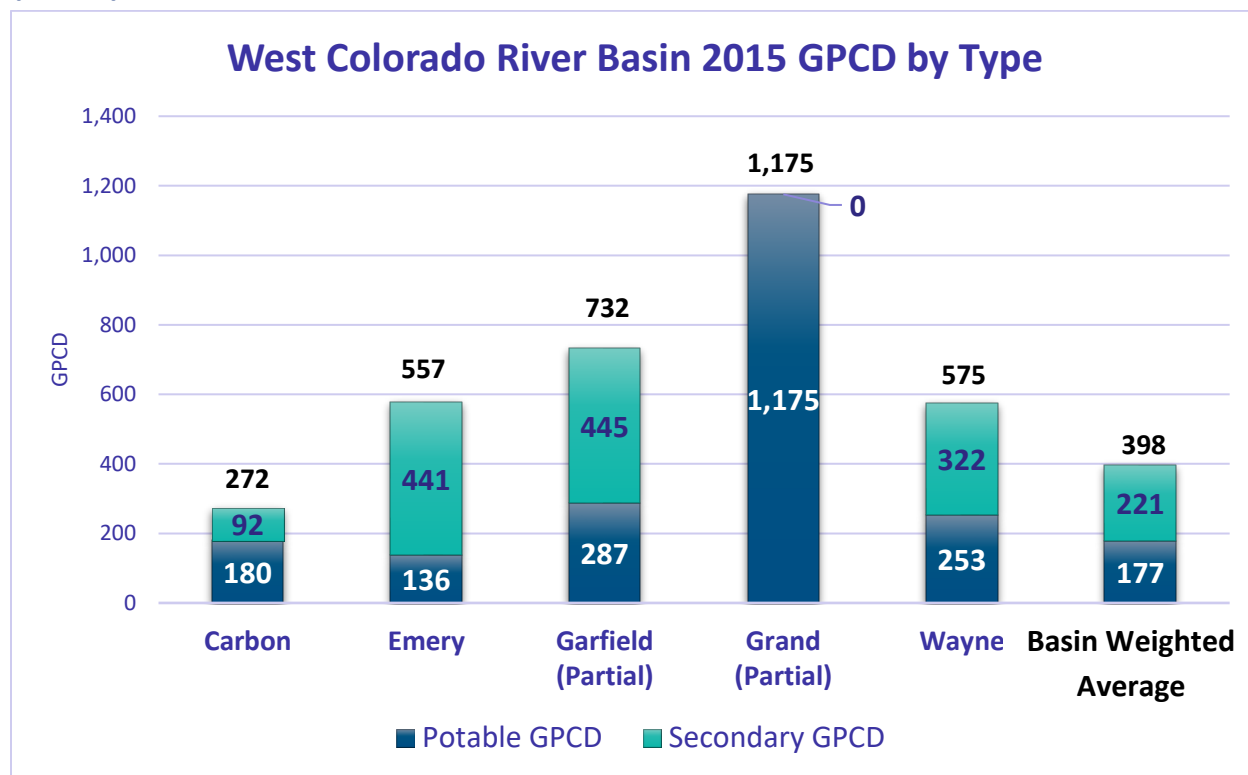
**Figure 2-29 West Colorado River Basin 2015 Potable Water Use by Category (acre-feet)**



*Detailed data found in Appendix K.*

*Note: Kane, San Juan, Sanpete, Sevier, Utah, Duchesne, and Wasatch counties are not shown on this chart because there is no community water system water use in the West Colorado River Basin area.*

**Figure 2-30 West Colorado River Basin 2015 Per Capita Water Use by Type (GPCD)**



*Detailed data found in Appendix K.*

*Note: Kane, San Juan, Sanpete, Sevier, Utah, Duchesne, and Wasatch counties are not shown on this chart because there is no community water system water use in the West Colorado River Basin area.*

## What is unique about West Colorado River Basin?

The highest elevation (11,522 feet above sea level) in the West Colorado River Basin is at Mt. Ellen in the Henry Mountains. The lowest elevation (average 3,700 feet above sea level) is found at Lake Powell. The natural streams in this basin are tributaries to the Colorado River which flows into Lake Powell. This basin is characterized by small towns and scenic destinations. Visitors to natural wonders like Kodachrome, Goblin Valley, and the Anasazi Indian Village state parks, Cataract Canyon on the Colorado River, and the San Rafael swell area contribute to the increasing tourism economy.

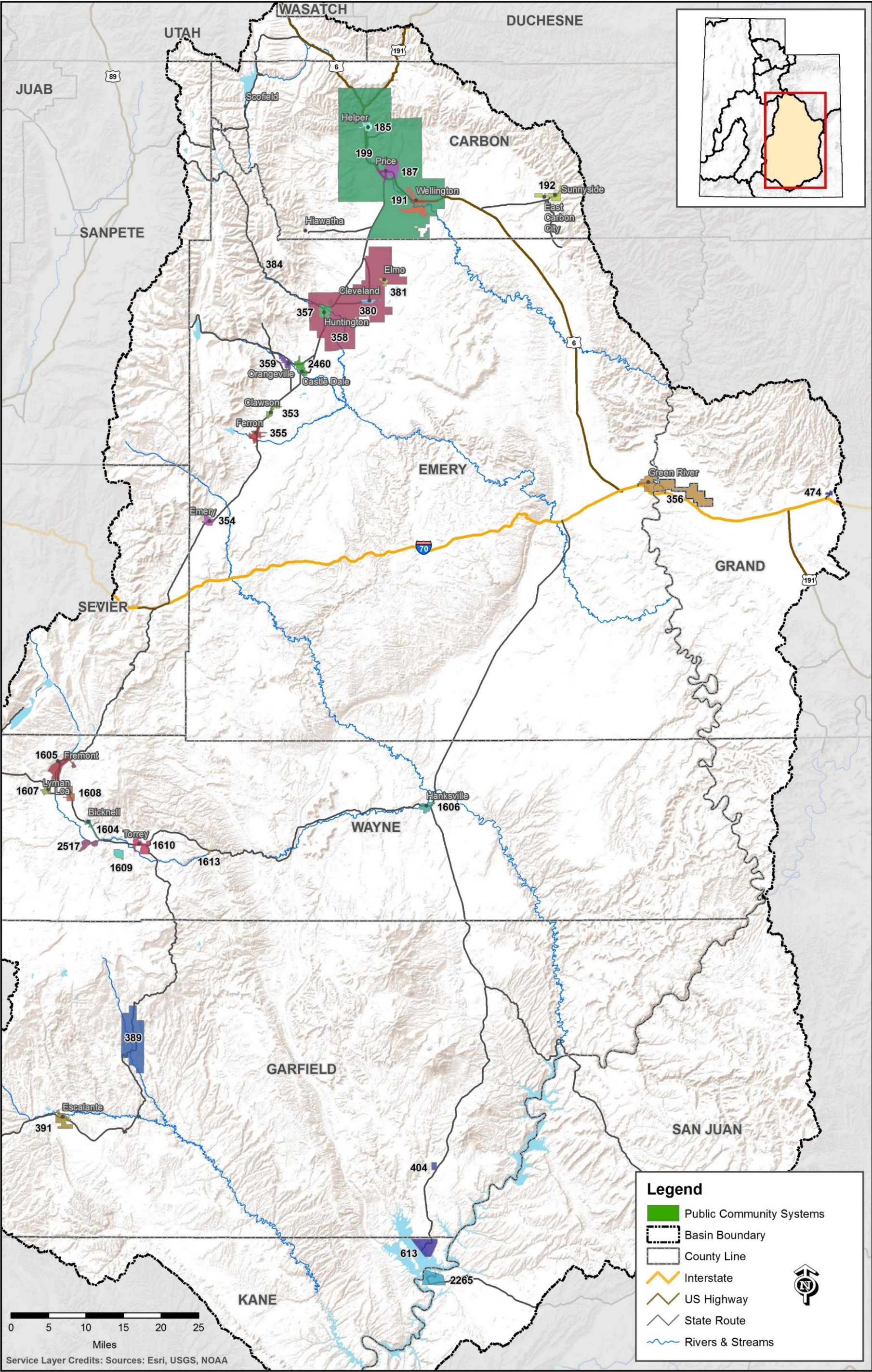


A list of 29 community water systems in the Uinta Basin is shown in Table 2-11 below, followed by a location map, Figure 2-31.

<b>Table 2-11 West Colorado River Basin 2015 Community Water Systems</b>			
<b>ID</b>	<b>System Name</b>	<b>ID</b>	<b>System Name</b>
185	Helper Municipal Water System	389	Boulder Farmstead Water Co.
187	Price City	391	Escalante Town Water System
191	Wellington City	404	Ticaboo Utility Improvement District
192	East Carbon City	474	Thompson Special Service District
199	Price River Water Improvement District	1604	Bicknell Town
353	Castle Valley Special Service District - Clawson	1605	Fremont Waterworks Co.
354	Castle Valley Special Service District - Emery	1606	Hanksville Culinary Water System
355	Castle Valley Special Service District - Ferron	1607	Loa Town Water System
356	Green River City	1608	Lyman Town Water System
357	Castle Valley Special Service District - Huntington	1609	Teasdale S.S.D.
358	North Emery Water Users	1610	Torrey Town Water System
359	Castle Valley Special Service District - Orangeville	1613	Capitol Reef Nat'l Park
380	Castle Valley Special Service District - Cleveland	2460	Castle Valley Special Service District - Castledale
381	Castle Valley Special Service District - Elmo	2517	Bicknell Bottoms
384	Trail Canyon Residential System		



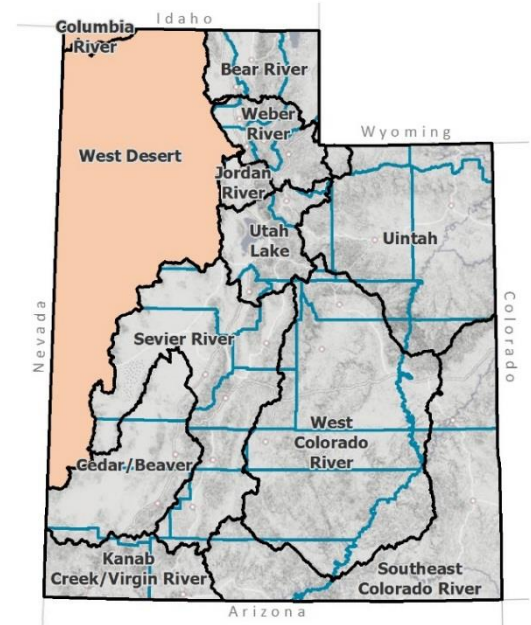
Figure 2-31 West Colorado River Basin 2015 Community Water Systems



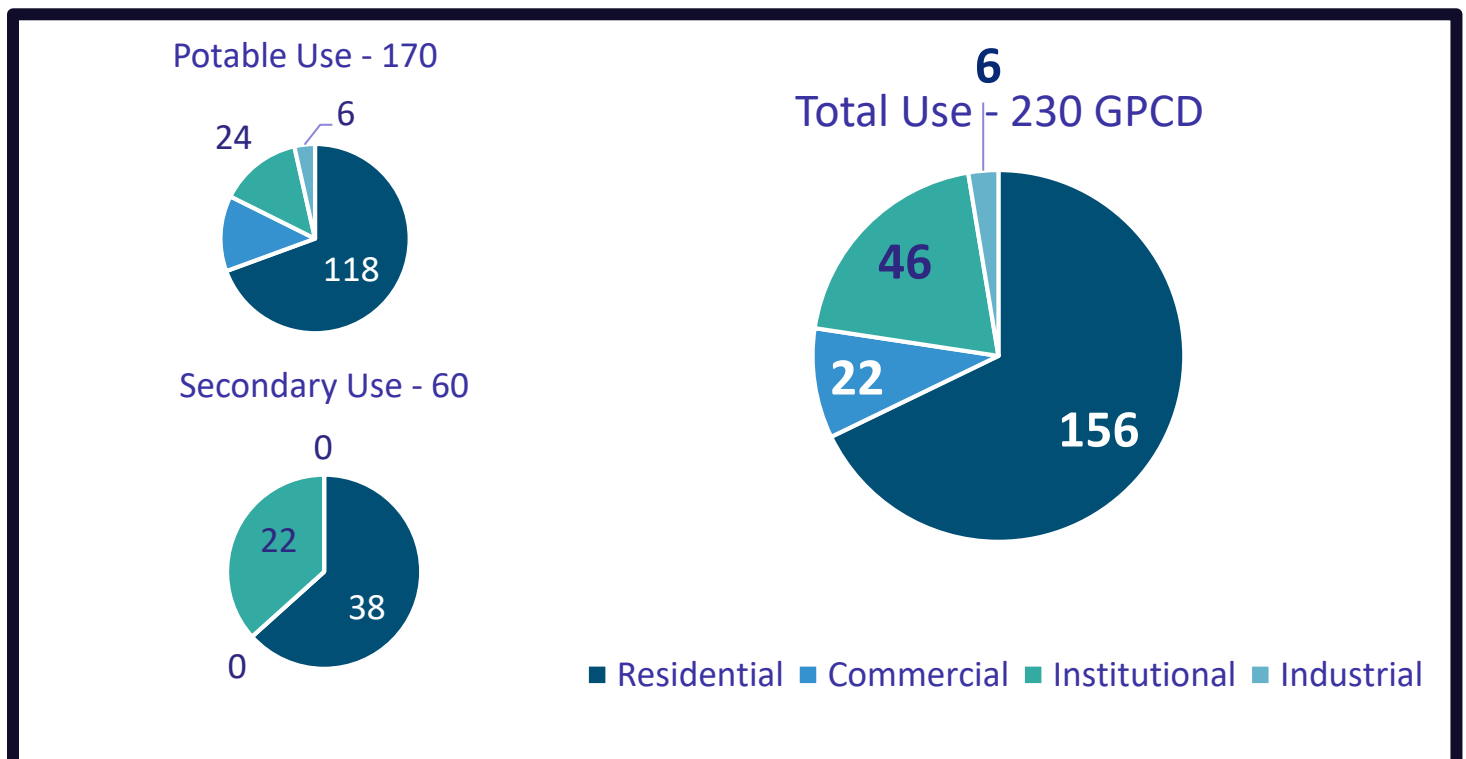


## West Desert/Columbia River Basin

Water System Service Population:	59,790
Area:	18,300 square miles
Basin Location:	Western Utah
Counties:	Most of Box Elder, Tooele and Millard Counties. Also includes small areas in Utah, Davis, Juab, Weber, Salt Lake, Beaver and Iron
Major Cities:	Tooele and Grantsville
Counties with no community water systems	Utah, Beaver, Davis, Iron, Juab, Salt Lake and Weber



## West Desert Basin 2015 Per Capita Water Use by Category (GPCD)

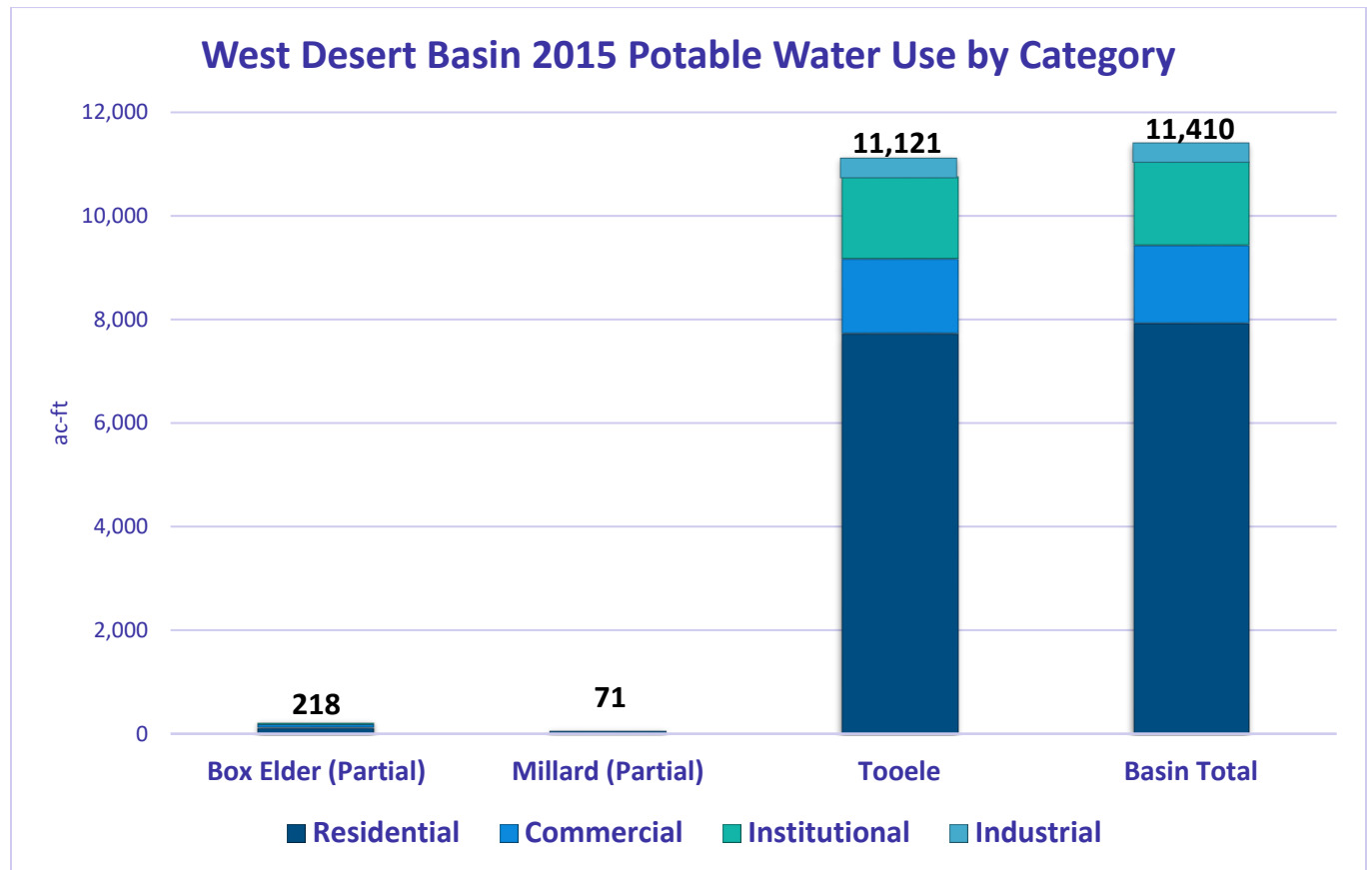


Detailed data found in Appendix L.

## West Desert Basin Community Water Systems Water Use

In 2015, the 19 community water systems in the West Desert Basin, listed in Table 2-12, delivered 11,410 acre-feet of potable water. An estimated additional 3,990 acre-feet of secondary water was supplied to users within their service area boundaries by various irrigation and canal companies. Potable water use in the basin is shown on the chart in Figure 2-32 by county and water category (residential, commercial, institutional and industrial). Figure 2-33 shows per capita water use in the basin by county and type (potable and secondary).

**Figure 2-32 West Desert Basin 2015 Potable Water Use by Category (acre-feet)**

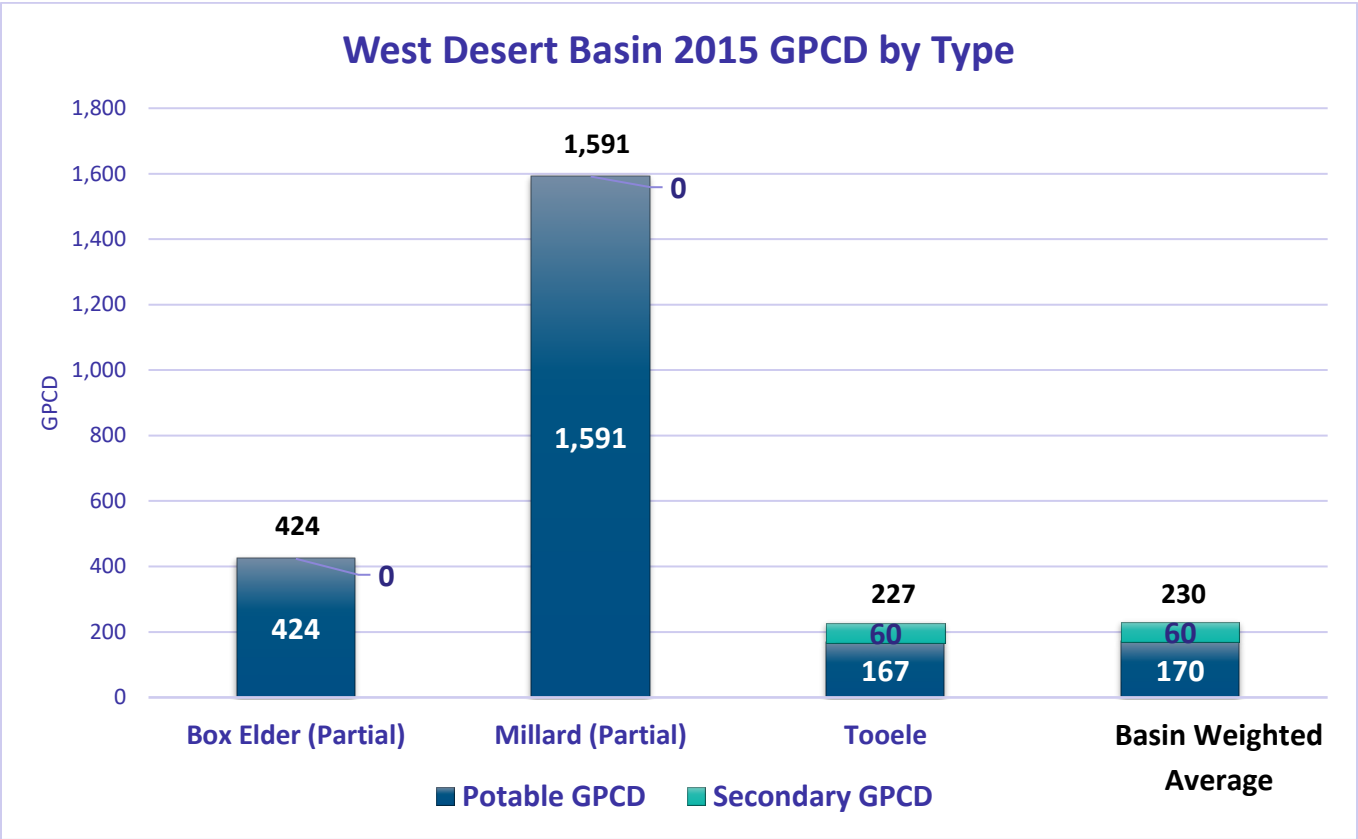


*Detailed data found in Appendix L.*

*Note: Utah, Beaver, Davis, Iron, Juab, Salt Lake and Weber counties are not shown on this chart because there is no community water system water use in the West Desert Basin area.*



Figure 2-33 West Desert Basin 2015 Per Capita Water Use by Type (GPCD)



Detailed data found in Appendix L.

*Note: Utah, Beaver, Davis, Iron, Juab, Salt Lake and Weber counties are not shown on this chart because there is no community water system water use in the West Desert Basin area.*

What is unique about West Desert Basin?

The West Desert Basin is home to the Great Salt Lake, an inland saline water body that benefits Utah’s economy, millions of migratory birds and Utah’s water supply via the “lake effect.” The basin includes the largest land area, yet one of the smallest populations. Tooele County is the only county within the basin with secondary water available to community water system users.

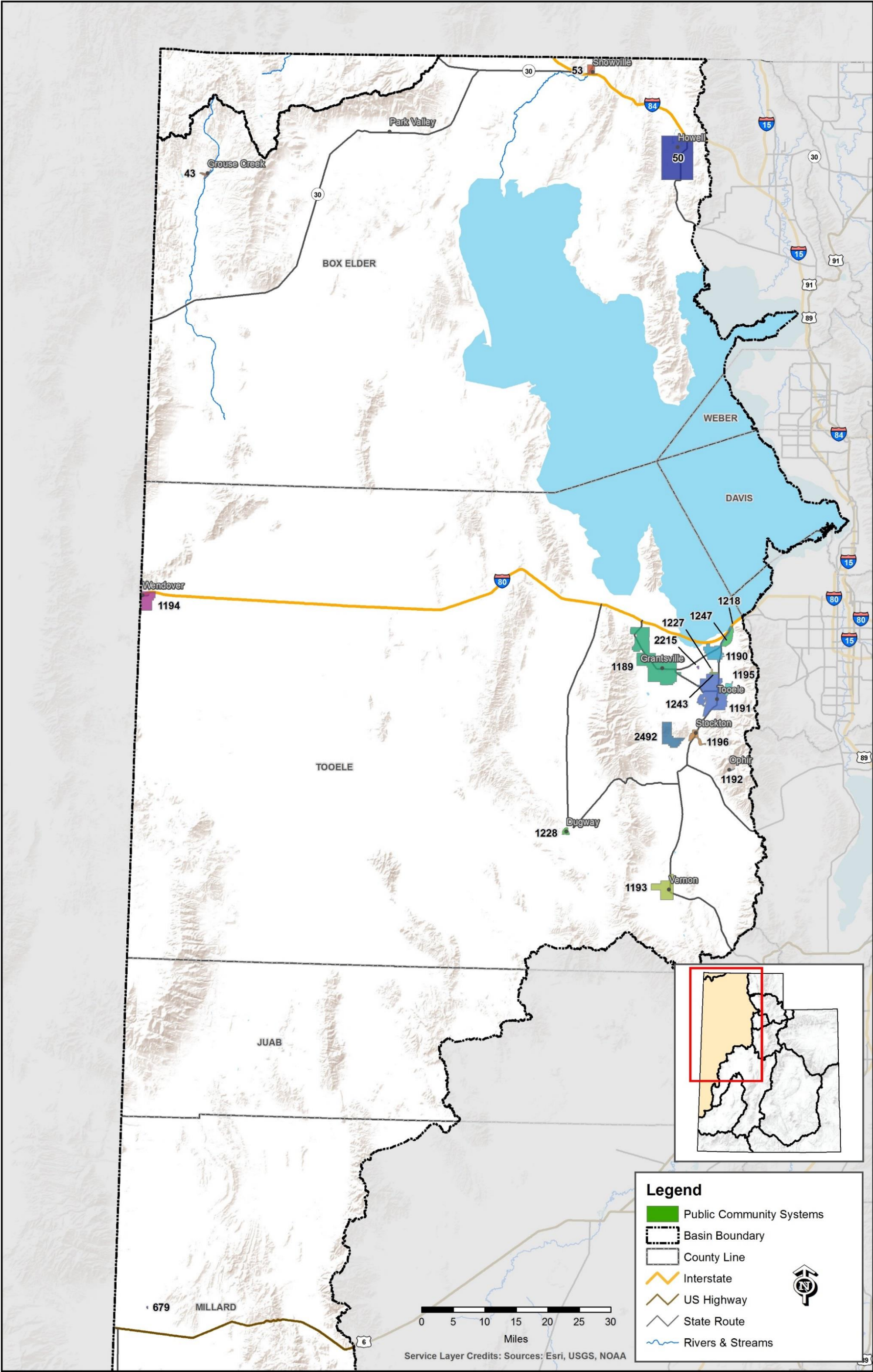
A list of 19 community water systems in the Uinta Basin is shown in Table 2-12, followed by a location map, Figure 2-34.

**Table 2-12 West Desert Basin 2015 Community Water Systems**

<b>ID</b>	<b>System Name</b>	<b>ID</b>	<b>System Name</b>
35	Acme Water Co. (Bear River City)	103	Hyde Park City Water System
36	BRWCD - Beaver Dam	104	Hyrum City
37	Bothwell Town Water System	105	Lewiston City
38	Brigham City Water System	106	Logan City Water System
39	Corinne City	107	Mendon City
40	Deweyville Town	108	Millville City
41	Elwood Town	109	Newton Town Water System
42	Garland City Water System	110	Goaslind Spring Water Works Co.
44	Tremonton City	111	North Logan City
45	Town of Portage	112	Paradise Town Water System
46	Plymouth Town Water System	113	Providence City Water System
47	Ukon Water Co.	114	Richmond City Water System
48	Riverside-North Garland Water Co.	115	River Heights City
49	Honeyville Town Water System	116	Smithfield City
51	Mantua Town Water System	117	Trenton Town Water System
52	Perry City	118	Wellsville City Water System
55	West Corinne Water Co.	152	High Creek Water Co.
58	Thatcher-Penrose Service District	163	Benson Culinary Improvement District
72	Cedar Ridge Distribution Co.	756	Bridgerland Village Water Co.
78	Marble Hills Subdivision	757	Garden City
82	Willow Creek Water Co.	758	Laketown
87	BRWCD- Harper Ward	759	Randolph Town Water System
88	Sunset Park Water Co.	762	Woodruff Town Water System
97	Nibley City Water	772	Mountain Meadow Improvement District
98	Amalga Town Water System	2226	BRWCD - Tremonton
100	Clarkston Town Water System	2518	BRWCD - Collinston Water System
101	Cornish Town Water System	2519	BRWCD - Riverside-North Garland

Table 2-12 West Desert Basin 2015 Community Water Systems			
ID	System Name	ID	System Name
102	Cove Waterworks	2529	Deseret Land and Livestock, Inc.

Figure 2-34 West Desert/Columbia River Basin 2015 Community Water Systems





# **Appendices A – L**

## **M&I Data**

# **Appendix A**

## **State Water Data Tables**

Table A-1 Statewide 2015 Community System Water Data												
Basin	Bear River		Cedar/Beaver		Jordan River		Kanab/Virgin		Sevier River		Southeast Colorado	
Population	164,690		54,050		1,116,060		159,180		60,110		17,050	
Potable Water Use	Ac-Ft/Year	GPCD	Ac-Ft/Year	GPCD	Ac-Ft/Year	GPCD	Ac-Ft/Year	GPCD	Ac-Ft/Year	GPCD	Ac-Ft/Year	GPCD
Residential	26,460.7	140	8,102.8	127	148,863.4	119	31,237.3	140	9,352.4	137	2,663.3	139
Commercial	10,478.4	56	1,979.6	31	43,637.7	35	5,957.9	68	1,751.0	26	1,131.5	59
Institutional	1,720.3	9	1,002.5	16	27,245.9	22	3,312.9	30	3,020.5	44	283.0	15
Industrial	2,834.7	15	315.2	5	6,825.3	5	220.4	1	784.6	12	36.0	2
Total Potable	41,494.1	220	11,400.1	179	226,572.3	184	40,728.5	240	14,908.5	219	4,113.8	215
Secondary Water	Ac-Ft/Year	GPCD	Ac-Ft/Year	GPCD	Ac-Ft/Year	GPCD	Ac-Ft/Year	GPCD	Ac-Ft/Year	GPCD	Ac-Ft/Year	GPCD
Residential	10,211.2	55	3,325.1	55	23,009.3	18	3,296.0	18	9,845.9	146	838.8	44
Commercial	375.6	2	0.0	0	589.4	0	1,265.1	7	11.2	0	0.0	0
Institutional	4,218.9	23	1,147.3	19	7,100.7	6	8,453.8	47	2,064.2	31	617.2	32
Industrial	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0
Total Secondary	14,805.7	80	4,472	74	30,699.4	25	13,014.9	73	11,921.3	177	1,456.0	76
Potable Reliable	Ac-Ft/Year		Ac-Ft/Year		Ac-Ft/Year		Ac-Ft/Year		Ac-Ft/Year		Ac-Ft/Year	
Springs	46,783.4		3,627.1		6,476.6		8,470.6		22,399.4		2,855.8	
Wells	59,192.2		21,126.1		98,996.4		30,185.5		21,137.0		5,889.4	
Surface	34,036.0		0.0		179,356.6		27,420.0		0.0		4,054.2	
Total Reliable	140,011.6		24,753.2		284,829.6		66,076.1		43,536.4		12,799.4	

Table A-1 Statewide 2015 Community System Water Data (continued)											
Uinta		Utah Lake		Weber		West Colorado		West Desert		State Total	
55,840		603,400		623,960		33,950		59,790		2,948,080	
Ac-Ft/Year	GPCD	Ac-Ft/Year	GPCD	Ac-Ft/Year	GPCD	Ac-Ft/Year	GPCD	Ac-Ft/Year	GPCD	Ac-Ft/Year	GPCD
8,725.5	147	63,396.6	93	54,498.2	76	4,934.2	125	7,912.0	111	366,146.4	111
1,692.3	29	20,064.9	29	17,258.3	26	826.1	21	1,504.7	21	106,282.4	32
400.0	7	6,529.3	10	5,671.8	8	670.0	17	1,615.4	23	51,471.6	15
1,419.5	24	2,133.4	3	4,540.2	6	267.2	7	378.0	5	19,754.5	5
12,237.3	206	92,124.2	135	81,968.6	115	6,697.5	169	11,410.1	160	543,655.0	164
Ac-Ft/Year	GPCD	Ac-Ft/Year	GPCD	Ac-Ft/Year	GPCD	Ac-Ft/Year	GPCD	Ac-Ft/Year	GPCD	Ac-Ft/Year	GPCD
3,067.1	49.0	47,206.5	69.8	77,180.3	110.4	6,426.7	169.0	2,524.2	37.7	186,931	57
13.7	0.2	2,352.0	3.5	1,296.8	1.9	329.1	8.7	0.0	0.0	6,233	2
1,551.2	24.8	10,947.2	16.2	14,068.1	20.1	1,647.5	43.3	1,465.4	21.9	53,282	16
0.0	0.0	22.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	22	0
4,632.0	74.1	60,527.7	89.6	92,545.2	132.4	8,403.3	221.0	3,989.6	59.6	246,467.5	75
Ac-Ft/Year		Ac-Ft/Year		Ac-Ft/Year		Ac-Ft/Year		Ac-Ft/Year		Ac-Ft/Year	
9,688.9		57,752.9		9,172.9		9,050.6		5,017.7		181,296	
4,914.9		152,883.3		99,064.0		1,710.2		22,673.0		517,772	
37,496.0		49,001.4		87,508.9		15,595.9		0.0		434,469	
52,099.8		259,637.6		195,745.8		26,356.7		27,690.7		1,133,537	



**Table A-2 Basin 2015 Community Potable Water Use**

Basin	Service Population	Residential Potable Use (Ac-Ft)	Residential Potable GPCD	Commercial Potable Use (Ac-Ft)	Commercial Potable GPCD	Institutional Potable Use (Ac-Ft)	Institutional Potable GPCD	Industrial Potable Use (Ac-Ft)	Industrial Potable GPCD	Total Potable Use (Ac-Ft)	Total Potable GPCD
Bear River	164690	26,460.73	143	10,478.42	57	1,720.30	9	2,834.73	15	41,494.17	225
Cedar/Beaver	54050	8,102.76	134	1,979.58	33	1,002.41	17	315.22	5	11,399.97	188
Jordan River	1116060	148,863.34	119	43,637.72	35	27,245.93	22	6,825.33	5	226,572.33	181
Kanab/Virgin	159180	31,237.26	175	5,957.87	33	3,312.85	19	220.39	1	40,728.37	228
Sevier River	60110	9,352.51	139	1,750.87	26	3,020.58	45	784.64	12	14,908.60	221
Southeast Colorado	17050	2,663.30	139	1,131.44	59	282.98	15	36.01	2	4,113.73	215
Uinta	55840	8,725.50	139	1,692.37	27	400.07	6	1,419.46	23	12,237.40	196
Utah Lake	603400	63,396.61	94	20,064.87	30	6,529.45	10	2,133.41	3	92,124.33	136
Weber	623960	54,498.23	78	17,258.31	25	5,671.78	8	4,540.18	6	81,968.50	117
West Colorado	33950	4,934.18	130	826.12	22	670.09	18	267.17	7	6,697.55	176
West Desert	59790	7,911.97	118	1,504.72	22	1,615.39	24	378.00	6	11,410.08	170

Table A-3 Basin 2015 Community Secondary Water Use											
Basin	Service Population	Secondary Residential Use (Ac-Ft)	Secondary Residential GPCD	Commercial Secondary Use (Ac-Ft)	Commercial Secondary GPCD	Institutional Secondary Use (Ac-Ft)	Institutional Secondary GPCD	Industrial Secondary Use (Ac-Ft)	Industrial Secondary GPCD	Total Secondary Use (Ac-Ft)	Total Secondary GPCD
Bear River	164690	10,211.29	55	375.60	2	4,218.85	23	0	0	14,805.74	80
Cedar/Beaver	54050	3,325.08	55	0.00	0	1,147.30	19	0	0	4,472.38	74
Jordan River	1116060	23,009.31	18	589.40	0	7,100.40	6	0	0	30,699.11	25
Kanab/Virgin	159180	3,295.99	18	1,265.10	7	8,453.77	47	0	0	13,014.86	73
Sevier River	60110	9,846.00	146	11.20	0	2,064.21	31	0	0	11,921.41	177
Southeast Colorado	17050	838.78	44	0.00	0	617.20	32	0	0	1,455.98	76
Uinta	55840	3,067.07	49	13.65	0	1,551.20	25	0	0	4,631.92	74
Utah Lake	603400	47,206.53	70	2,352.00	3	10,947.20	16	22	0	60,527.73	90
Weber	623960	77,180.33	110	1,296.84	2	14,068.11	20	0	0	92,545.27	132
West Colorado	33950	6,426.31	169	329.10	9	1,647.50	43	0	0	8,402.91	221
West Desert	59790	2,524.18	38	0.00	0	1,465.36	22	0	0	3,989.53	60

<b>Table A-4 Basin 2015 Community Water Reliable Supply</b>					
Basin	Service Population	Reliable Wells (Ac-Ft)	Reliable Springs (Ac-Ft)	Reliable Surface (Ac-Ft)	Total Supply (Ac-Ft)
Bear River	164690	59192.2	46783.4	34036	140,011.60
Cedar/Beaver	54050	21126.1	3627.1	0	24,753.20
Jordan River	1116060	98996.4	6476.6	179356.6	284,829.60
Kanab/Virgin	159180	30185.6	8470.6	27420	66,076.20
Sevier River	60110	21137	22399.4	0	43,536.40
Southeast Colorado	17050	5889.4	2855.8	4054.2	12,799.50
Uinta	55840	4914.9	9688.9	37496	52,099.80
Utah Lake	603400	152883.3	57752.9	49001.4	259,637.60
Weber	623960	99064	9172.9	87508.9	195,745.80
West Colorado	33950	1710.2	9050.6	15595.9	26,356.70
West Desert	59790	22673	5017.7	0	27,690.70

**Table A-5 County 2015 Community Water Use**

County	Service Population	Residential Potable Use (Ac-Ft)	Commercial Potable Use (Ac-Ft)	Institutional Potable Use (Ac-Ft)	Industrial Potable Use (Ac-Ft)	Potable GPCD	Secondary Residential Use (Ac-Ft)	Commercial Secondary Use (Ac-Ft)	Institutional Secondary Use (Ac-Ft)	Industrial Secondary Use (Ac-Ft)	Total Secondary Use (Ac-Ft)	Secondary GPCD	Total Use (Ac-Ft)	Total GPCD
Beaver	5,780	892.26	340.92	70.88	198.24	232	1,489.04	0.00	580.90	0.00	2,069.94	320	3,572.23	552
Box Elder	51,000	10,164.62	1,102.00	432.38	1,914.80	238	3,115.54	52.80	1,488.70	0.00	4,657.04	82	18,270.84	320
Cache	115,850	15,299.48	9,301.64	1,287.37	919.93	207	7,256.87	63.80	2,726.05	0.00	10,046.72	77	36,855.15	284
Carbon	20,670	2,951.89	509.57	513.58	201.03	180	1,340.13	0.00	795.54	0.00	2,135.67	92	6,311.74	273
Daggett	650	173.28	79.41	30.02	1.27	390	78.74	13.65	85.00	0.00	177.39	244	461.38	634
Davis	336,100	28,539.28	7,232.75	3,232.47	1,111.09	107	40,450.17	242.82	7,776.97	0.00	48,469.96	129	88,585.55	235
Duchesne	19,500	2,715.70	608.32	101.81	1,057.32	205	1,578.76	0.00	807.50	0.00	2,386.26	109	6,869.41	314
Emery	10,050	1,263.61	159.83	65.03	45.32	136	3,914.65	329.10	718.27	0.00	4,962.02	441	6,495.81	577
Garfield	4,100	766.26	389.76	171.62	11.80	292	1,424.13	0.00	110.30	0.00	1,534.43	334	2,873.87	626
Grand	9,050	1,563.44	772.89	183.39	22.18	251	221.79	0.00	408.90	0.00	630.69	62	3,172.59	313
Iron	46,790	6,588.02	1,639.02	851.85	116.68	175	1,901.31	0.00	566.40	0.00	2,467.71	47	11,663.28	223
Juab	9,950	1,765.93	319.94	383.44	166.64	237	1,131.35	0.00	290.00	0.00	1,421.35	128	4,057.30	364
Kane	8,290	1,321.27	402.29	485.22	14.99	239	479.34	120.60	3.63	0.00	603.57	65	2,827.34	304
Millard	10,160	2,625.44	493.87	532.31	239.31	342	2,055.20	11.20	101.51	0.00	2,167.91	190	6,058.84	532
Morgan	8,500	893.30	72.99	40.53	50.39	111	1,023.61	7.30	211.40	0.00	1,242.31	130	2,299.52	242
Piute	1,410	292.82	68.20	38.01	87.63	308	111.96	0.00	26.00	0.00	137.96	87	624.61	395
Rich	1,640	1,646.77	190.46	51.51	0.00	1028	120.76	259.00	8.60	0.00	388.36	211	2,277.09	1240
Salt Lake	1,113,920	148,515.38	43,637.72	27,245.93	6,825.33	181	23,009.31	589.40	7,100.40	0.00	30,699.11	25	256,923.47	206
San Juan	6,330	798.19	194.75	20.30	0.00	143	241.41	0.00	156.10	0.00	397.51	56	1,410.75	199
Sanpete	25,580	2,689.50	295.97	895.44	139.94	140	5,385.64	0.00	1,038.00	0.00	6,423.64	224	10,444.48	365
Sevier	19,120	3,010.33	573.07	1,385.30	311.86	247	1,596.92	0.00	840.60	0.00	2,437.52	114	7,718.08	360
Summit	36,480	6,227.23	3,695.28	417.27	8.83	253	1,380.31	0.00	2,240.90	0.00	3,621.21	89	13,969.82	342
Tooele	59,290	7,717.85	1,439.18	1,585.48	378.00	167	2,524.18	0.00	1,465.36	0.00	3,989.53	60	15,110.05	228
Uintah	35,690	5,836.52	1,004.64	268.24	360.87	187	1,409.57	0.00	658.70	0.00	2,068.27	52	9,538.54	239
Utah	567,370	57,196.84	18,713.91	5,993.64	1,966.77	132	41,575.82	2,352.00	10,650.10	22.00	54,599.92	86	138,471.08	218
Wasatch	28,310	4,824.70	1,035.80	172.97	0.00	190	4,588.27	0.00	0.00	0.00	4,588.27	145	10,621.74	335
Washington	153,300	30,799.69	5,702.25	2,977.50	219.50	231	2,751.39	1,144.50	8,450.14	0.00	12,346.03	72	52,044.97	303
Wayne	2,110	424.19	96.12	62.04	14.95	253	627.65	0.00	133.69	0.00	761.34	322	1,358.64	575
Weber	241,090	18,642.60	6,209.73	1,976.29	3,369.87	112	34,147.05	1,046.72	3,841.44	0.00	39,035.21	145	69,233.70	256



<b>Table A-6 County 2015 Community Water Supply</b>					
County	Service Population	Reliable Wells (Ac-Ft)	Reliable Springs (Ac-Ft)	Reliable Surface (Ac-Ft)	Total Supply (Ac-Ft)
Beaver	5,780	3,572.28	1,049.53	0.00	4,621.81
Box Elder	51,000	17,776.23	19,446.67	30,980.60	68,203.50
Cache	115,850	42,645.81	26,010.19	3,048.60	71,704.60
Carbon	20,670	499.00	4,269.86	10,702.10	15,470.96
Daggett	650	728.77	39.34	692.20	1,460.31
Davis	336,100	27,763.94	200.35	29,520.80	57,485.09
Duchesne	19,500	4,002.17	724.89	20,249.80	24,976.86
Emery	10,050	0.00	2,818.93	4,893.80	7,712.73
Garfield	4,100	1,765.91	2,941.96	0.00	4,707.87
Grand	9,050	3,462.73	2,239.89	0.00	5,702.62
Iron	46,790	17,104.24	2,377.43	0.00	19,481.67
Juab	9,950	3,863.81	4,180.56	0.00	8,044.37
Kane	8,290	7,075.17	547.41	0.00	7,622.58
Millard	10,160	8,644.44	3,534.27	0.00	12,178.71
Morgan	8,500	1,771.02	772.50	3,000.00	5,543.52
Piute	1,410	368.93	1,033.69	0.00	1,402.62
Rich	1,640	1,260.72	1,725.52	6.80	2,993.04
Salt Lake	1,113,920	98,996.42	6,476.60	179,356.60	284,829.63
San Juan	6,330	698.70	0.00	4,054.20	4,752.90
Sanpete	25,580	4,663.69	10,736.71	0.00	15,400.40
Sevier	19,120	4,912.90	4,636.23	0.00	9,549.13
Summit	36,480	18,926.02	3,782.72	14,893.94	37,602.68
Tooele	59,290	22,262.36	4,927.90	0.00	27,190.26
Uintah	35,690	183.83	8,924.66	16,554.00	25,662.53
Utah	567,370	145,138.15	50,274.87	37,031.00	232,444.02
Wasatch	28,310	4,358.67	3,871.78	11,970.40	20,200.85
Washington	153,300	25,945.98	8,123.35	27,420.01	61,489.34
Wayne	2,110	705.84	1,367.16	0.00	2,073.00
Weber	241,090	48,674.20	4,260.07	40,094.15	93,028.42

# **Appendix B**

## **Bear River Basin Data Tables**

**Table B-1 Bear River Basin 2015 Community Water System Data**

County	Box Elder		Cache		Rich		Basin Total	
Population	47,200		115,850		1,640		164,690	
Potable Water Use	ac-ft/year	GPCD	ac-ft/year	GPCD	ac-ft/year	GPCD	ac-ft/year	GPCD
Residential	9,514.5	180	15,299.5	118	1,646.8	896	26,460.7	143
Commercial	986.3	19	9,301.6	72	190.5	104	10,478.4	57
Institutional	381.4	7	1,287.4	10	51.5	28	1,720.3	9
Industrial	1,914.8	36	919.9	7	0.0	0	2,834.7	15
Total Potable <sup>++</sup>	12,797.0	242	26,808.4	207	1,888.8	1028	41,494.1	225
Secondary Water Use	ac-ft/year	GPCD	ac-ft/year	GPCD	ac-ft/year	GPCD	ac-ft/year	GPCD
Residential	2,833.6	54	7,256.8	56	120.8	66	10,211.2	55
Commercial	52.8	1	63.8	0	259.0	141	375.6	2
Institutional	1,484.2	28	2,726.1	21	8.6	5	4,218.9	23
Industrial	0.0	0	0.0	0	0.0	0	0.0	0
Total Secondary <sup>++</sup>	4,370.6	83	10,046.7	77	388.4	211	14,805.7	80
Potable Reliable Supply	ac-ft/year		ac-ft/year		ac-ft/year		ac-ft/year	
Springs	19,047.7		26,010.2		1,725.5		46,783.4	
Wells	15,285.7		42,645.8		1,260.7		59,192.2	
Surface	30,980.6		3,048.6		6.8		34,036.0	
Total Reliable	65,314.0		71,704.6		2,993.0		140,011.6	

<sup>++</sup>Total GPCDs are county weighted

**Table B-2.1 Box Elder County 2015 Potable Community Water Systems Use**

Water Supplier	Residential Use (ac-ft)	Second Home Use (ac-ft)	Commercial Use (ac-ft)	Institutional Use (ac-ft)	Industrial Use (ac-ft)	Total Potable Use (ac-ft)	Service Population	Gallons Per Capita Per Day
Acme Water Co. (Bear River City)*	142.1	0.0	45.5	3.0	10.0	200.6	880	204
Bear River Water Conservancy District - Beaver Dam	11.3	0.0	0.0	0.0	0.0	11.3	120	84
Bear River Water Conservancy District - Collinston Water System	9.1	0.0	0.0	2.8	0.0	11.9	80	133
Bear River Water Conservancy District - Harper Ward	56.6	0.0	0.4	0.0	0.0	57.0	340	150
Bear River Water Conservancy District - Riverside-North Garland	0.0	0.0	0.0	0.0	0.0	0.0	0	0
Bear River Water Conservancy District - Tremonton (Bothwell Well)	43.9	0.0	0.2	4.0	1.4	49.5	100	442
Bothwell Town Water System*	53.8	0.0	0.0	2.0	5.0	60.8	350	155
Brigham City Water System	4,312.0	0.0	335.0	0.0	1,093.0	5,740.0	18,740	273
Cedar Ridge Distribution Co.*	42.2	0.0	0.4	0.0	0.0	42.6	80	476
Corinne City	110.3	0.0	35.4	19.2	0.0	164.9	750	196
Deweyville Town*	69.5	0.0	36.0	0.1	0.7	106.3	380	250
Elwood Town	148.2	0.0	11.4	23.8	0.8	184.2	1,150	143
Garland City Water System*	451.5	0.0	18.0	95.2	6.2	570.9	2,750	185
Honeyville Town Water System	785.6	0.0	12.9	0.0	5.8	804.4	1,450	495
Mantua Town Water System*	175.0	0.0	3.0	33.1	0.0	211.1	710	265
Marble Hills Subdivision	74.0	0.0	0.0	0.0	0.0	74.0	250	264
Perry City*	476.9	0.0	105.9	9.2	0.0	592.0	5,120	103
Plymouth Town Water System	85.9	0.0	51.6	9.4	0.0	146.9	460	285
Riverside-North Garland Water Co.*	243.6	0.0	15.0	0.5	40.0	299.1	1,210	221
Sunset Park Water Co.*	10.2	0.0	0.0	0.0	0.0	10.2	40	228
Thatcher-Penrose Service District	144.4	0.0	0.0	0.0	0.0	144.4	700	184
Town of Portage*	26.8	0.0	0.0	10.0	0.0	36.8	260	126
Tremonton City	1,299.0	0.0	274.8	167.6	751.9	2,493.4	8,360	266
Ukon Water Co.	182.2	0.0	2.5	1.5	0.0	186.2	1,170	142
West Corinne Water Co.	534.6	0.0	38.2	0.0	0.0	572.8	1,720	297
Willow Creek Water Co.*	25.5	0.0	0.2	0.0	0.0	25.7	30	765
<b>County Totals**</b>	<b>9,514.5</b>	<b>0.0</b>	<b>986.3</b>	<b>381.4</b>	<b>1,914.8</b>	<b>12,797.0</b>	<b>47,200</b>	<b>242</b>
*Estimated data, **County Total GPCD is system weighted								



**Table B-2.2 Box Elder County 2015 Secondary Community Water Systems Use**

Water Supplier	Residential Use (ac-ft)	Commercial Use (ac-ft)	Institutional Use (ac-ft)	Industrial Use (ac-ft)	Total Secondary Use (ac-ft)	Service Population	Gallons Per Capita Per Day
Acme Water Co. (Bear River City)						880	492
<i>Bear River Canal Company*</i>	438.9	0.0	45.8	0.0	484.7		
Bear River Water Conservancy District - Beaver Dam	0.0	0.0	0.0	0.0	0.0	120	0
Bear River Water Conservancy District - Collinston Water System	0.0	0.0	0.0	0.0	0.0	80	0
Bear River Water Conservancy District - Harper Ward						340	155
<i>Bear River Canal Company*</i>	19.3	0.0	0.0	0.0	19.3		
<i>Harper Irrigation Company*</i>	20.6	0.0	0.0	0.0	20.6		
<i>North String Irrigation Company*</i>	19.3	0.0	0.0	0.0	19.3		
Bear River Water Conservancy District - Riverside-North Garland	0.0	0.0	0.0	0.0	0.0	0	0
Bear River Water Conservancy District - Tremonton (Bothwell Well)						100	558
<i>Bear River Canal Company*</i>	62.5	0.0	0.0	0.0	62.5		
Bothwell Town Water System						350	163
<i>Bothwell West Canal*</i>	40.2	0.0	23.9	0.0	64.1		
Brigham City Water System						18,740	99
<i>Box Elder Creek Water Users*</i>	1,440.9	0.0	641.6	0.0	2,082.5		
Cedar Ridge Distribution Co.	0.0	0.0	0.0	0.0	0.0	80	0
Corinne City						750	180
<i>Corinne City Secondary Water*</i>	133.9	0.0	17.4	0.0	151.3		
Deweyville Town						380	265
<i>Bear River Canal Company*</i>	71.0	0.0	42.0	0.0	113.0		
Elwood Town						1,150	16
<i>Bear River Canal Company</i>	20.0	0.0	0.0	0.0	20.0		
Garland City Water System						2,750	15
<i>Garland City Corporation Secondary System*</i>	22.4	0.0	22.7	0.0	45.1		
*Estimated Data					Table Continued next page		

**Table B-2.2 (Continued) Box Elder County 2015 Secondary Community Water Systems Use**

Water Supplier	Residential Use (ac-ft)	Commercial Use (ac-ft)	Institutional Use (ac-ft)	Industrial Use (ac-ft)	Total Secondary Use (ac-ft)	Service Population	Gallons Per Capita Per Day
Honeyville Town Water System						1,450	71
<i>Bear River Canal Company*</i>	50.8	52.8	11.0	0.0	114.6		
Mantua Town Water System						710	95
<i>Mantua Irrigation Company*</i>	50.2	0.0	25.2	0.0	75.4		
Marble Hills Subdivision	0.0	0.0	0.0	0.0	0.0	250	0
Perry City						5,120	34
<i>Perry Irrigation*</i>	10.2	0.0	0.0	0.0	10.2		
<i>Pineview Water Systems*</i>	52.6	0.0	121.2	0.0	173.8		
<i>Three Mile Creek Irrigation Co.*</i>	10.2	0.0	0.0	0.0	10.2		
Plymouth Town Water System						460	369
<i>Plymouth Golf Irrigation*</i>	0.0	0.0	190.1	0.0	190.1		
Riverside-North Garland Water Co.						1,210	84
<i>Bear River Canal Company</i>	100.0	0.0	14.0	0.0	114.0		
Sunset Park Water Co.	0.0	0.0	0.0	0.0	0.0	40	0
Thatcher-Penrose Service District	0.0	0.0	0.0	0.0	0.0	700	0
Town of Portage	0.0	0.0	0.0	0.0	0.0	260	0
Tremonton City						8,360	39
<i>Bear River Canal Company*</i>	0.0	0.0	327.3	0.0	327.3		
<i>Tremonton City Secondary System*</i>	37.5	0.0	0.0	0.0	37.5		
Ukon Water Co.						1,170	159
<i>Bear River Canal Company*</i>	208.2	0.0	0.0	0.0	208.2		
West Corinne Water Co.						1,720	14
<i>Bear River Canal Company</i>	25.0	0.0	2.0	0.0	27.0		
Willow Creek Water Co.	0.0	0.0	0.0	0.0	0.0	30	0
<b>County Totals**</b>	<b>2,833.6</b>	<b>52.8</b>	<b>1,484.2</b>	<b>0.0</b>	<b>4,370.6</b>	<b>47,200</b>	<b>83</b>
*Estimated data, **County Total GPCD is system weighted							

**Table B-2.3 Box Elder County 2015 Reliable Potable Sources for Community Water Systems**

Water Supplier	Reliable Wells (ac-ft)	Reliable Springs (ac-ft)	Reliable Surface (ac-ft)	Total (ac-ft)
Acme Water Co. (Bear River City)	686.0	403.5	0.0	1,089.5
Bear River Water Conservancy District - Beaver Dam	0.0	66.2	96.8	163.0
Bear River Water Conservancy District - Collinston Water System	0.0	0.0	0.0	0.0
Bear River Water Conservancy District - Harper Ward	0.0	0.0	0.0	0.0
Bear River Water Conservancy District - Riverside-North Garland	0.0	0.0	0.0	0.0
Bear River Water Conservancy District - Tremonton (Bothwell Well)	367.2	0.0	0.0	367.2
Bothwell Town Water System	210.0	0.0	0.0	210.0
Brigham City Water System	6,872.1	10,976.0	30,408.7	48,256.8
Cedar Ridge Distribution Co.	20.2	0.0	0.0	20.2
Corinne City	197.7	104.9	0.0	302.7
Deweyville Town	289.7	363.2	0.0	652.9
Elwood Town	560.9	22.0	474.5	1,057.4
Garland City Water System	0.0	2,080.0	0.0	2,080.0
Honeyville Town Water System	887.8	298.6	0.0	1,186.4
Mantua Town Water System	827.2	80.7	0.0	907.9
Marble Hills Subdivision	161.4	0.0	0.0	161.4
Perry City	1,372.0	80.7	0.0	1,452.7
Plymouth Town Water System	343.0	45.2	0.0	388.2
Riverside-North Garland Water Co.	615.0	0.0	0.0	615.0
Sunset Park Water Co.	34.8	0.0	0.0	34.8
Thatcher-Penrose Service District	336.5	0.0	0.0	336.5
Town of Portage	80.7	95.9	0.0	176.6
Tremonton City	807.1	3,994.9	0.0	4,802.0
Ukon Water Co.	24.2	193.7	0.0	217.9
West Corinne Water Co.	538.3	242.1	0.6	781.0
Willow Creek Water Co.	54.1	0.0	0.0	54.1
<b>County Totals</b>	<b>15,285.7</b>	<b>19,047.7</b>	<b>30,980.6</b>	<b>65,314.0</b>

**Table B-2.4 Box Elder County 2015 Wholesale Potable Sources for Community Water Systems**

Water Supplier	Amount Provided (ac-ft)
Bear River Water Conservancy District - Tremonton (Bothwell Well)	
<i>Cedar Ridge Distribution Co.</i>	59.3
<i>Riverside-North Garland Water Co.</i>	35.6
<i>Thatcher-Penrose Service District</i>	10.0
<i>Tremonton City</i>	258.9
<i>Ukon Water Co.</i>	93.4
Brigham City Water System	
<i>Bear River Water Conservancy District - Harper Ward</i>	56.8
<i>West Corinne Water Co.</i>	30.0
Deweyville Town	
<i>Bear River Water Conservancy District - Collinston Water System</i>	110.7
Tremonton City	
<i>Bear River Water Conservancy District - Riverside-North Garland</i>	258.9
<b>County Totals</b>	<b>913.6</b>



**Table B-3.1 Cache County 2015 Potable Community Water Systems Use**

Water Supplier	Residential Use (ac-ft)	Second Home Use (ac-ft)	Commercial Use (ac-ft)	Institutional Use (ac-ft)	Industrial Use (ac-ft)	Total Potable Use (ac-ft)	Service Population	Gallons Per Capita Per Day
Amalga Town Water System	253.4	0.0	0.0	1.4	337.9	592.7	500	1,058
Benson Culinary Improvement District	116.0	0.0	45.0	0.0	0.0	161.0	660	218
Clarkston Town Water System*	132.3	0.0	0.4	44.6	50.0	227.3	710	286
Cornish Town Water System	12.5	0.0	4.2	0.4	60.0	77.1	300	229
Cove Waterworks	15.1	0.0	0.0	0.4	0.0	15.5	50	277
Goasland Spring Water Works Co.*	6.1	0.0	0.0	3.0	0.9	10.0	70	128
High Creek Water Co.	71.8	0.0	3.8	0.0	0.0	75.6	130	519
Hyde Park City Water System*	875.0	0.0	31.3	90.2	14.6	1,011.2	4,240	213
Hyrum City	740.8	0.0	4,940.0	117.1	0.0	5,797.9	8,070	641
Lewiston City	347.5	0.0	407.0	16.4	81.4	852.2	1,710	445
Logan City Water System	5,346.7	0.0	2,978.1	239.9	0.0	8,564.7	50,810	150
Mendon City	140.9	0.0	2.0	1.9	0.2	145.0	1,560	83
Millville City	457.7	0.0	0.7	21.0	17.1	496.5	1,900	233
Newton Town Water System	142.7	0.0	1.5	9.2	0.0	153.4	810	169
Nibley City Water	1,242.4	0.0	36.8	75.8	45.3	1,400.3	6,830	183
North Logan City	1,061.6	0.0	290.4	177.0	95.9	1,625.0	9,600	151
Paradise Town Water System	95.2	0.0	0.0	1.3	2.7	99.2	970	91
Providence City Water System	1,562.4	0.0	103.9	134.1	0.0	1,800.4	7,720	208
Richmond City Water System	181.8	0.0	78.1	205.9	200.8	666.5	2,550	233
River Heights City	368.3	0.0	0.0	73.6	0.0	441.9	2,060	192
Smithfield City	963.9	0.0	178.4	74.0	13.2	1,229.4	10,450	105
Trenton Town Water System	76.4	0.0	66.4	0.4	0.0	143.1	510	250
Wellsville City Water System	1,089.2	0.0	133.5	0.0	0.0	1,222.7	3,640	300
County Totals**	15,299.5	0.0	9,301.6	1,287.4	919.9	26,808.4	115,850	207

\*Estimated data, \*\*County Total GPCD is system weighted

**Table B-3.2 Cache County 2015 Secondary Community Water Systems Use**

Water Supplier	Residential Use (ac-ft)	Commercial Use (ac-ft)	Institutional Use (ac-ft)	Industrial Use (ac-ft)	Total Secondary Use (ac-ft)	Service Population	Gallons Per Capita Per Day
Amalga Town Water System						500	137
West Cache Irrigation Co.*	76.9	0.0	0.0	0.0	76.9		
Benson Culinary Improvement District						660	181
Benson Irrigation Co.*	117.3	0.0	0.0	0.0	117.3		
Benson-Bear Lake Irrigation Co.*	16.8	0.0	0.0	0.0	16.8		
Clarkston Town Water System						710	104
Clarkston Town Irrigation System	82.5	0.0	0.0	0.0	82.5		
Cornish Town Water System						300	315
West Cache Irrigation Co.*	77.8	0.0	28.1	0.0	105.9		
Cove Waterworks						50	1,170
Coveville Irrigation Co.*	17.2	0.0	15.6	0.0	32.8		
Webster Irrigation Co.*	17.2	0.0	15.6	0.0	32.8		
Goaslind Spring Water Works Co.						70	149
Coveville Irrigation Co.*	11.7	0.0	0.0	0.0	11.7		
High Creek Water Co.						130	26
Coveville Irrigation Co.*	3.8	0.0	0.0	0.0	3.8		
Hyde Park City Water System						4,240	146
Hyde Park Irrigation Co.*	323.6	0.0	45.4	0.0	369.0		
Logan & Northern Irrigation Co.*	161.8	0.0	0.0	0.0	161.8		
Logan, Hyde Park, Smithfield Irrigation Co.*	161.8	0.0	0.0	0.0	161.8		
Hyrum City						8,070	156
Hyrum Irrigation Co.*	408.2	0.0	68.7	0.0	476.9		
Hyrum Town Secondary Water System*	393.0	0.0	68.7	0.0	461.7		
Porcupine Reservoir Company*	408.2	0.0	64.6	0.0	472.8		
Lewiston City						1,710	151
Cub River Irrigation Co.*	260.3	0.0	28.3	0.0	288.5		
Logan City Water System						50,810	37
Logan & Northern Irrigation Co.*	78.9	5.8	444.2	0.0	528.9		
Logan Cow Pasture Water*	47.4	5.8	65.9	0.0	119.1		
Logan Hollow Irrigation Company*	50.0	5.8	65.9	0.0	121.7		
Logan Island Irrigation Company*	47.4	5.8	65.9	0.0	119.1		
Logan Northfields Irrigation*	47.4	5.8	65.9	0.0	119.1		
Logan Northwest Fields*	47.4	5.8	65.9	0.0	119.1		
Logan Southwest Field*	47.4	5.8	425.1	0.0	478.3		
Seventh North Irrigation Company*	47.4	5.8	65.9	0.0	119.1		
Sunday Water Users Ditch*	47.4	5.8	65.9	0.0	119.1		
Thatcher Irrigation Company*	47.4	5.8	65.9	0.0	119.1		
Water Street*	47.4	5.8	65.9	0.0	119.1		

\*Estimated data

Table Continued next page

**Table B-3.2 (Continued) Cache County 2015 Secondary Community Water Systems Use**

Water Supplier	Residential Use (ac-ft)	Commercial Use (ac-ft)	Institutional Use (ac-ft)	Industrial Use (ac-ft)	Total Secondary Use (ac-ft)	Service Population	Gallons Per Capita Per Day
Mendon City						1,560	297
Greater Mendon Irrigation Company*	68.4	0.0	0.0	0.0	68.4		
Mendon 2nd North Irrigation Company*	68.4	0.0	0.0	0.0	68.4		
Mendon Central Irrigation Company*	68.4	0.0	0.0	0.0	68.4		
Mendon North Irrigation Company*	68.4	0.0	0.0	0.0	68.4		
Mendon South Canal*	68.4	0.0	0.0	0.0	68.4		
Mendon-Wellsville Canal Company*	68.4	0.0	41.0	0.0	109.4		
Taylor Willie Pipeline*	68.4	0.0	0.0	0.0	68.4		
Millville City						1,900	39
Millville Canyon Irrigation Company*	39.6	0.0	4.0	0.0	43.6		
Millville Irrigation Company*	39.6	0.0	0.0	0.0	39.6		
Newton Town Water System						810	488
Newton Town Sprinkling Company*	430.5	0.0	12.5	0.0	443.0		
Nibley City Water						6,830	74
Hyrum Blacksmith Fork*	284.3	0.0	0.0	0.0	284.3		
Nibley Blacksmith Fork Irrigation Co.*	284.3	0.0	0.0	0.0	284.3		
North Logan City						9,600	83
Logan Northern Canal Co.*	128.0	0.0	125.6	0.0	253.6		
Logan Northwest Fields*	384.0	0.0	0.0	0.0	384.0		
Logan, Hyde Park, Smithfield Irrigation Co.*	128.0	0.0	0.0	0.0	128.0		
Twin Ditches ( Logan North Fields & Hyde Park)*	128.0	0.0	0.0	0.0	128.0		
Paradise Town Water System						970	567
Paradise Irrigation and Reservoir Co.*	565.1	0.0	50.8	0.0	615.9		
Providence City Water System						7,720	19
Blacksmith Fork Irrigation Company*	111.9	0.0	0.0	0.0	111.9		
Spring Creek Water Co.*	50.9	0.0	0.0	0.0	50.9		
Richmond City Water System						2,550	67
Richmond Irrigation Co.*	191.8	0.0	0.0	0.0	191.8		
River Heights City						2,060	48
Providence Logan Irrigation Co.*	105.7	0.0	4.2	0.0	109.9		
Smithfield City						10,450	117
Smithfield City*	347.7	0.0	0.0	0.0	347.7		
Smithfield Irrigation Co.*	347.7	0.0	676.5	0.0	1,024.2		
Trenton Town Water System						510	193
West Cache Irrigation Co.*	98.1	0.0	12.1	0.0	110.2		
Wellsville City Water System						3,640	5
Wellsville City Irrigation Co.	20.0	0.0	2.0	0.0	22.0		
<b>County Totals**</b>	<b>7,256.8</b>	<b>63.8</b>	<b>2,726.1</b>	<b>0.0</b>	<b>10,046.6</b>	<b>115,850</b>	<b>77</b>

\*Estimated data, \*\*County Total GPCD is system weighted

**Table B-3.3 Cache County 2015 Reliable Potable Sources for Community Water Systems**

<b>Water Supplier</b>	<b>Reliable Wells (ac-ft)</b>	<b>Reliable Springs (ac-ft)</b>	<b>Reliable Surface (ac-ft)</b>	<b>Total (ac-ft)</b>
Amalga Town Water System	1,252.6	0.0	0.0	1,252.6
Benson Culinary Improvement District	695.2	0.0	0.0	695.2
Clarkston Town Water System	0.0	1,049.2	0.0	1,049.2
Cornish Town Water System	129.1	99.7	0.0	228.8
Cove Waterworks	3.5	31.7	0.0	35.2
Goaslind Spring Water Works Co.	0.0	80.7	0.0	80.7
High Creek Water Co.	0.0	132.0	0.0	132.0
Hyde Park City Water System	1,170.2	1,259.0	0.0	2,429.2
Hyrum City	5,039.0	2,686.0	0.0	7,725.0
Lewiston City	807.1	826.3	0.0	1,633.4
Logan City Water System	14,365.6	7,810.9	0.0	22,176.5
Mendon City	309.1	161.4	724.5	1,195.0
Millville City	726.4	201.8	82.3	1,010.4
Newton Town Water System	0.0	492.3	0.0	492.3
Nibley City Water	3,066.8	543.4	0.0	3,610.2
North Logan City	4,172.5	1,614.1	2,241.8	8,028.4
Paradise Town Water System	427.7	96.9	0.0	524.6
Providence City Water System	3,811.7	2,019.7	0.0	5,831.5
Richmond City Water System	532.7	968.5	0.0	1,501.1
River Heights City	2,231.5	0.0	0.0	2,231.5
Smithfield City	1,775.5	3,712.9	0.0	5,488.4
Trenton Town Water System	0.0	448.4	0.0	448.4
Wellsville City Water System	2,129.6	1,775.5	0.0	3,905.1
<b>County Totals</b>	<b>42,645.8</b>	<b>26,010.2</b>	<b>3,048.6</b>	<b>71,704.6</b>



**Table B-3.4 Cache County 2015 Wholesale Potable  
Sources for Community Water Systems**

Water Supplier	Amount Provided (ac-ft)
There are no wholesale water sources for this county.	
County Totals	0.0

**Table B-4.1 Rich County 2015 Potable Community Water Systems Use**

Water Supplier	Residential Use (ac-ft)	Second Home Use (ac-ft)	Commercial Use (ac-ft)	Institutional Use (ac-ft)	Industrial Use (ac-ft)	Total Potable Use (ac-ft)	Service Population	Gallons Per Capita Per Day
Bridgerland Village Water Co.	14.8	0.0	0.0	0.0	0.0	14.8	60	221
Deseret Land and Livestock, Inc.*	6.7	0.0	0.1	0.0	0.0	6.8	30	202
Garden City	1,260.0	0.0	44.8	7.7	0.0	1,312.5	540	2,170
Laketown	171.9	0.0	21.5	15.5	0.0	208.9	260	717
Mountain Meadow Improvement District*	14.7	0.0	0.0	1.5	0.0	16.2	70	207
Randolph Town Water System	139.0	0.0	123.1	21.8	0.0	283.9	490	517
Woodruff Town Water System*	39.7	0.0	1.0	5.0	0.0	45.7	190	215
<b>County Totals**</b>	<b>1,646.8</b>	<b>0.0</b>	<b>190.5</b>	<b>51.5</b>	<b>0.0</b>	<b>1,888.7</b>	<b>1,640</b>	<b>1,028</b>
*Estimated data, ** County Total GPCD is system weighted								

**Table B-4.2 Rich County 2015 Secondary Community Water Systems Use**

Water Supplier	Residential Use (ac-ft)	Commercial Use (ac-ft)	Institutional Use (ac-ft)	Industrial Use (ac-ft)	Total Secondary Use (ac-ft)	Service Population	Gallons Per Capita Per Day
Bridgerland Village Water Co.	0.0	0.0	0.0	0.0	0.0	60	0
Deseret Land and Livestock, Inc.	0.0	0.0	0.0	0.0	0.0	30	0
Garden City						540	435
<i>Hodges Irrigation Co. *</i>	3.0	259.0	0.0	0.0	262.0		
<i>Swan Creek Canal Co. *</i>	1.4	0.0	0.0	0.0	1.4		
Laketown						260	254
<i>Laketown Irrigation Co. *</i>	73.9	0.0	0.0	0.0	73.9		
Mountain Meadow Improvement District	0.0	0.0	0.0	0.0	0.0	70	0
Randolph Town Water System						490	33
<i>Randolph Irrigation Co. *</i>	18.2	0.0	0.0	0.0	18.2		
Woodruff Town Water System						190	154
<i>Woodruff Irrigation Co. *</i>	24.2	0.0	8.6	0.0	32.8		
<b>County Totals<sup>++</sup></b>	<b>120.7</b>	<b>259.0</b>	<b>8.6</b>	<b>0.0</b>	<b>388.3</b>	<b>1,640</b>	<b>211</b>

\*Estimated data, \*\*County Total GPCD is system weighted

**Table B-4.3 Rich County 2015 Reliable Potable Sources for Community Water Systems**

<b>Water Supplier</b>	<b>Reliable Wells (ac-ft)</b>	<b>Reliable Springs (ac-ft)</b>	<b>Reliable Surface (ac-ft)</b>	<b>Total (ac-ft)</b>	<b>Potential Irrigation Conversion</b>
Bridgerland Village Water Co.	0.5	14.8	0.0	<b>15.3</b>	0.0
Deseret Land and Livestock, Inc.	39.7	0.0	0.0	<b>39.7</b>	0.0
Garden City	0.0	1,322.5	6.8	<b>1,329.3</b>	0.0
Laketown	0.0	207.1	0.0	<b>207.1</b>	0.0
Mountain Meadow Improvement District	239.1	0.0	0.0	<b>239.1</b>	0.0
Randolph Town Water System	807.1	181.1	0.0	<b>988.2</b>	0.0
Woodruff Town Water System	174.4	0.0	0.0	<b>174.4</b>	0.0
<b>County Totals</b>	<b>1,260.7</b>	<b>1,725.5</b>	<b>6.8</b>	<b>2,993.0</b>	<b>0.0</b>



**Table B-4.4 Rich County 2015  
Wholesale Potable Sources for Community  
Water Systems**

Water Supplier	Amount Provided (ac-ft)
There are no wholesale water sources for this county.	
County Totals	0.0

# **Appendix C**

## **Cedar/Beaver Basin Data Tables**

**Table C-1 Cedar Beaver Basin 2015 Community Water System Data**

County	Beaver		Iron		Washington		Basin Total	
Population	5,780		46,330		1,940		54,050	
Potable Water Use	ac-ft/year	GPCD	ac-ft/year	GPCD	ac-ft/year	GPCD	ac-ft/year	GPCD
Residential	892.3	138	6,460.6	124	749.9	345	8,102.8	134
Commercial	340.9	53	1,633.1	31	5.6	3	1,979.6	33
Institutional	70.9	11	811.9	16	119.7	55	1,002.4	17
Industrial	198.2	31	116.7	2	0.3	0	315.2	5
Total Potable <sup>++</sup>	1,502.3	232	9,022.2	174	875.5	403	11,400.0	188
Secondary Water Use	ac-ft/year	GPCD	ac-ft/year	GPCD	ac-ft/year	GPCD	ac-ft/year	GPCD
Residential	1,489.0	230	1,836.1	35	0.0	0	3,325.1	55
Commercial	0.0	0	0.0	0	0.0	0	0.0	0
Institutional	580.9	90	566.4	11	0.0	0	1,147.3	19
Industrial	0.0	0	0.0	0	0.0	0	0.0	0
Total Secondary <sup>++</sup>	2,069.9	320	2,402.5	46	0.0	0	4,472.4	74
Potable Reliable Supply	ac-ft/year		ac-ft/year		ac-ft/year		ac-ft/year	
Springs	1,049.5		2,312.9		264.7		3,627.1	
Wells	3,572.3		16,836.3		717.5		21,126.0	
Surface	0.0		0.0		0.0		0.0	
Total Reliable	4,621.8		19,149.1		982.2		24,753.1	

<sup>++</sup>Total GPCDs are county weighted

**Table C-2.1 Beaver County 2015 Potable Community Water System Use**

Water Supplier	Residential Use (ac-ft)	Second Home Use (ac-ft)	Commercial Use (ac-ft)	Institutional Use (ac-ft)	Industrial Use (ac-ft)	Total Potable Use (ac-ft)	Service Population	Gallons Per Capita Per Day
Beaver City Water System	398.3	0.0	218.8	13.6	32.6	663.3	3,330	178
Manderfield Culinary Water Co.*	13.5	0.0	0.0	0.0	0.0	13.5	60	201
Milford City Water System	304.2	0.0	119.2	4.9	95.0	523.4	1,460	320
Minersville Water System	176.2	0.0	2.9	52.4	70.6	302.1	930	290
						0.0		
<b>County Totals**</b>	<b>892.3</b>	<b>0.0</b>	<b>340.9</b>	<b>70.9</b>	<b>198.2</b>	<b>1,502.3</b>	<b>5,780</b>	<b>232</b>

\*Estimated data, \*\*County Total GPCD is system weighted

**Table C-2.2 Beaver County 2015 Secondary Community Water System Use**

Water Supplier	Residential Use (ac-ft)	Commercial Use (ac-ft)	Institutional Use (ac-ft)	Industrial Use (ac-ft)	Total Secondary Use (ac-ft)	Service Population	Gallons Per Capita Per Day
Beaver City Water System						3,330	413
<i>City Operated*</i>	1,316.6	0.0	224.3	0.0	1,540.9		
Manderfield Culinary Water Co.	0.0	0.0	0.0	0.0	0.0	60	0
Milford City Water System						1,460	178
<i>City Operated*</i>	0.0	0.0	291.7	0.0	291.7		
Minersville Water System						930	228
<i>Minersville Irrigation*</i>	172.4	0.0	64.9	0.0	237.3		
<b>County Totals**</b>	<b>1,489.0</b>	<b>0.0</b>	<b>580.9</b>	<b>0.0</b>	<b>2,069.9</b>	<b>5,780.0</b>	<b>320</b>

\*Estimated data, \*\*County Total GPCD is system weighted



**Table C-2.3 Beaver County 2015 Reliable Potable Sources for Community Water Systems**

Water Supplier	Reliable Wells (ac-ft)	Reliable Springs (ac-ft)	Reliable Surface (ac-ft)	Total (ac-ft)
Beaver City Water System	1,046.5	646.0	0.0	1,692.5
Manderfield Culinary Water Co.	242.1	0.0	0.0	242.1
Milford City Water System	1,856.2	0.0	0.0	1,856.2
Minersville Water System	427.4	403.5	0.0	831.0
<b>County Totals</b>	<b>3,572.3</b>	<b>1,049.5</b>	<b>0.0</b>	<b>4,621.8</b>

**Table C-2.4 Beaver County 2015 Wholesale Potable Sources for Community Water Systems**

Water Supplier	Amount Provided (ac-ft)
There are no wholesale water sources for this county.	
<b>County Totals</b>	<b>0.0</b>

**Table C-3.1 Iron County 2015 Potable Community Water System Use**

Water Supplier	Residential Use (ac-ft)	Second Home Use (ac-ft)	Commercial Use (ac-ft)	Institutional Use (ac-ft)	Industrial Use (ac-ft)	Total Potable Use (ac-ft)	Service Population	Gallons Per Capita Per Day
Brian Head Water System	69.3	0.0	227.0	0.0	0.0	296.3	90	2,940
Buena Vista Community	112.0	0.0	0.0	0.0	0.0	112.0	440	227
Bumblebee Water System	1.3	0.0	0.0	0.0	0.0	1.3	60	19
Cedar City Waterworks	3,866.0	0.0	1,237.0	683.0	112.0	5,898.0	31,100	169
Central Iron County WCD	275.1	0.0	89.2	25.0	1.6	390.9	1,750	199
Central Iron County WCD - Cedar Highlands Subdivision	7.3	0.0	0.0	0.0	0.0	7.3	50	129
Cross Hollow Hills Subdivision	51.6	0.0	0.0	0.0	0.0	51.6	390	118
Enoch City Water System	1,137.2	0.0	20.5	65.0	0.0	1,222.7	6,280	174
Escalante Valley Housing*	7.8	0.0	0.0	0.0	0.0	7.8	70	99
Flying L Subdivision*	55.0	0.0	0.0	0.0	0.0	55.0	170	289
Irontown	3.8	0.0	0.0	0.0	0.0	3.8	40	85
Meadows Ranch	107.2	0.0	0.0	0.0	0.0	107.2	380	252
Mid Valley Estates	14.0	0.0	0.0	0.0	0.0	14.0	690	18
Monte Vista Community Water Co.*	48.6	0.0	0.0	0.0	0.0	48.6	140	310
Mountain View S.S.D.	53.4	0.0	0.0	0.0	0.0	53.4	220	217
New Castle Water Co.	75.8	0.0	47.9	0.0	3.1	126.9	240	472
Old Meadows Water Co.	15.0	0.0	0.0	0.0	0.0	15.0	60	223
Paragonah Town Water System	95.5	0.0	0.1	29.0	0.0	124.5	550	202
Parowan City Water System	290.7	0.0	11.3	0.0	0.0	302.0	2,990	90
Rainbow Ranchos	42.6	0.0	0.0	0.0	0.0	42.6	220	173
Spring Creek Water Users	41.2	0.0	0.0	0.0	0.0	41.2	240	153
Summit Culinary Water	90.2	0.0	0.0	10.0	0.0	100.2	160	559
<b>County Totals**</b>	<b>6,460.6</b>	<b>0.0</b>	<b>1,633.1</b>	<b>811.9</b>	<b>116.7</b>	<b>9,022.2</b>	<b>46,330</b>	<b>174</b>
*Estimated data, **County Total GPCD is system weighted								

**Table C-3.2 Iron County 2015 Secondary Community Water System Use**

Water Supplier	Residential Use (ac-ft)	Commercial Use (ac-ft)	Institutional Use (ac-ft)	Industrial Use (ac-ft)	Total Secondary Use (ac-ft)	Service Population	Gallons Per Capita Per Day
Brian Head Water System	0.0	0.0	0.0	0.0	0.0	90	0
Buena Vista Community	0.0	0.0	0.0	0.0	0.0	440	0
Bumblebee Water System	0.0	0.0	0.0	0.0	0.0	60	0
Cedar City Waterworks						31,100	28
<i>Cedar City Secondary System*</i>	0.0	0.0	492.9	0.0	492.9		
<i>South &amp; West Field*</i>	475.1	0.0	0.0	0.0	475.1		
Central Iron County WCD	0.0	0.0	0.0	0.0	0.0	1,750	0
Central Iron County WCD - Cedar Highlands Subdivision	0.0	0.0	0.0	0.0	0.0	50	0
Cross Hollow Hills Subdivision	0.0	0.0	0.0	0.0	0.0	390	0
Enoch City Water System						6,280	14
<i>City Operated*</i>	46.0	0.0	55.9	0.0	101.9		
Escalante Valley Housing	0.0	0.0	0.0	0.0	0.0	70	0
Flying L Subdivision	0.0	0.0	0.0	0.0	0.0	170	0
Irontown	0.0	0.0	0.0	0.0	0.0	40	0
Meadows Ranch	0.0	0.0	0.0	0.0	0.0	380	0
Mid Valley Estates	0.0	0.0	0.0	0.0	0.0	690	0
Monte Vista Community Water Co.	0.0	0.0	0.0	0.0	0.0	140	0
Mountain View S.S.D.	0.0	0.0	0.0	0.0	0.0	220	0
New Castle Water Co.						240	196
<i>Newcastle Garden Water*</i>	52.7	0.0	0.0	0.0	52.7		
Old Meadows Water Co.	0.0	0.0	0.0	0.0	0.0	60	0
Paragonah Town Water System						550	196
<i>Paragonah Canal Company*</i>	103.2	0.0	17.6	0.0	120.8		
Parowan City Water System						2,990	346
<i>Parowan City Secondary System*</i>	1,159.0	0.0	0.0	0.0	1,159.0		
Rainbow Ranchos	0.0	0.0	0.0	0.0	0.0	220	0
Spring Creek Water Users	0.0	0.0	0.0	0.0	0.0	240	0
Summit Culinary Water	0.0	0.0	0.0	0.0	0.0	160	0
<b>County Totals**</b>	<b>1,836.1</b>	<b>0.0</b>	<b>566.4</b>	<b>0.0</b>	<b>2,402.5</b>	<b>46,330</b>	<b>46</b>

\*Estimated data, \*\*County Total GPCD is system weighted

**Table C-3.3 Iron County 2015 Reliable Potable Sources for Community Water Systems**

<b>Water Supplier</b>	<b>Reliable Wells (ac-ft)</b>	<b>Reliable Springs (ac-ft)</b>	<b>Reliable Surface (ac-ft)</b>	<b>Total (ac-ft)</b>
Brian Head Water System	791.6	135.6	0.0	<b>927.2</b>
Buena Vista Community	135.0	0.0	0.0	<b>135.0</b>
Bumblebee Water System	73.0	0.0	0.0	<b>73.0</b>
Cedar City Waterworks	9,725.0	1,662.5	0.0	<b>11,387.6</b>
Central Iron County WCD	1,412.2	0.0	0.0	<b>1,412.2</b>
Central Iron County WCD - Cedar Highlands Subdivision	56.5	38.7	0.0	<b>95.2</b>
Cross Hollow Hills Subdivision	111.4	0.0	0.0	<b>111.4</b>
Enoch City Water System	2,413.1	0.0	0.0	<b>2,413.1</b>
Escalante Valley Housing	32.2	0.0	0.0	<b>32.2</b>
Flying L Subdivision	60.0	0.0	0.0	<b>60.0</b>
Irontown	115.8	0.0	0.0	<b>115.8</b>
Meadows Ranch	236.0	0.0	0.0	<b>236.0</b>
Mid Valley Estates	121.1	0.0	0.0	<b>121.1</b>
Monte Vista Community Water Co.	83.2	0.0	0.0	<b>83.2</b>
Mountain View S.S.D.	96.9	0.0	0.0	<b>96.9</b>
New Castle Water Co.	158.7	0.0	0.0	<b>158.7</b>
Old Meadows Water Co.	66.3	0.0	0.0	<b>66.3</b>
Paragonah Town Water System	0.0	177.6	0.0	<b>177.6</b>
Parowan City Water System	887.8	129.0	0.0	<b>1,016.7</b>
Rainbow Ranchos	149.7	0.0	0.0	<b>149.7</b>
Spring Creek Water Users	111.0	0.0	0.0	<b>111.0</b>
Summit Culinary Water	0.0	169.5	0.0	<b>169.5</b>
<b>County Totals</b>	<b>16,836.3</b>	<b>2,312.9</b>	<b>0.0</b>	<b>19,149.1</b>

**Table C-3.4 Iron County 2015 Wholesale Potable Sources for Community Water Systems**

Water Supplier	Amount Provided (ac-ft)
Central Iron County WCD	
<i>Mid Valley Estates</i>	<b>38.5</b>
<i>Spring Creek Water Users</i>	<b>3.2</b>
<b>County Totals</b>	<b>41.7</b>



**Table C-4.1 Washington County 2015 Potable Community Water System Use**

Water Supplier	Residential Use (ac-ft)	Second Home Use (ac-ft)	Commercial Use (ac-ft)	Institutional Use (ac-ft)	Industrial Use (ac-ft)	Total Potable Use (ac-ft)	Service Population	Gallons Per Capita Per Day
Enterprise Town Water System	749.9	0.0	5.6	119.7	0.3	875.5	1,940	403
<b>County Totals<sup>++</sup></b>	<b>749.9</b>	<b>0.0</b>	<b>5.6</b>	<b>119.7</b>	<b>0.3</b>	<b>875.5</b>	<b>1,940</b>	<b>403</b>

<sup>++</sup>County Total GPCD is system weighted

**Table C-4.2 Washington County 2015 Secondary Community Water System Use**

Water Supplier	Residential Use (ac-ft)	Commercial Use (ac-ft)	Institutional Use (ac-ft)	Industrial Use (ac-ft)	Total Secondary Use (ac-ft)	Service Population	Gallons Per Capita Per Day
Enterprise Town Water System	0.0	0.0	0.0	0.0	0.0	1,940.0	0
<b>County Totals<sup>++</sup></b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>1,940.0</b>	<b>0</b>

<sup>++</sup>County Total GPCD is system weighted

**Table C-4.3 Washington County 2015 Reliable Potable Sources for Community Water Systems**

Water Supplier	Reliable Wells (ac-ft)	Reliable Springs (ac-ft)	Reliable Surface (ac-ft)	Total (ac-ft)
Enterprise Town Water System	717.5	264.7	0.0	982.2
<b>County Totals</b>	<b>717.5</b>	<b>264.7</b>	<b>0.0</b>	<b>982.2</b>

**Table C-4.4 Washington County 2015 Wholesale Potable Sources for Community Water Systems**

Water Supplier	Amount Provided (ac-ft)
There are no wholesale water sources for this county.	
<b>County Totals</b>	<b>0.0</b>

# **Appendix D**

## **Jordan River Basin Data Tables**

**Table D-1 Jordan River Basin 2015 Community Water**

County	Salt Lake		Utah		Basin Total	
Population	1,113,920		2,140		1,116,060	
Potable Water Use	ac-ft/year	GPCD	ac-ft/year	GPCD	ac-ft/year	GPCD
Residential	148,515.4	119	348.0	145	148,863.3	119
Commercial	43,637.7	35	0.0	0	43,637.7	35
Institutional	27,245.9	22	0.0	0	27,245.9	22
Industrial	6,825.3	5	0.0	0	6,825.3	5
Total Potable <sup>++</sup>	226,224.4	181	348.0	145	226,572.3	181
Secondary Water Use	ac-ft/year	GPCD	ac-ft/year	GPCD	ac-ft/year	GPCD
Residential	23,009.3	18	0.0	0	23,009.3	18
Commercial	589.4	0	0.0	0	589.4	0
Institutional	7,100.4	6	0.0	0	7,100.4	6
Industrial	0.0	0	0.0	0	0.0	0
Total Secondary <sup>++</sup>	30,699.1	25	0.0	0	30,699.1	25
Potable Reliable Supply	ac-ft/year		ac-ft/year		ac-ft/year	
Springs	6,476.6		0.0		6,476.6	
Wells	98,996.4		0.0		98,996.4	
Surface	179,356.6		0.0		179,356.6	
Total Reliable	284,829.6		0.0		284,829.6	

<sup>++</sup>Total GPCDs are county weighted

**Table D-2.1 Salt Lake County 2015 Potable Community Water System Use**

Water Supplier	Residential Use (ac-ft)	Second Home Use (ac-ft)	Commercial Use (ac-ft)	Institutional Use (ac-ft)	Industrial Use (ac-ft)	Total Potable Use (ac-ft)	Service Population	Gallons Per Capita Per Day
Alta Town Water System	10.2	0.0	53.2	0.2	0.0	63.6	370	153
Bluffdale Water System	1,413.1	0.0	166.4	332.1	0.0	1,911.6	8,620	198
Boundary Spring Water Co.	223.3	0.0	0.0	0.0	0.0	223.3	220	906
Copperton Improvement District	124.4	0.0	15.1	36.8	0.0	176.3	900	175
Cottonwood Coves, Inc.	75.2	0.0	0.0	0.0	0.0	75.2	250	269
Dansie Water Co.	3.7	0.0	0.0	18.4	0.0	22.1	80	247
Draper City Water System*	1,585.2	0.0	1,026.2	296.4	0.0	2,907.8	15,350	169
Emigration Improvement District	108.4	0.0	0.0	0.0	0.0	108.4	820	118
Granger-Hunter Improvement District	15,760.0	0.0	3,472.6	2,051.0	107.4	21,391.0	124,040	154
Herriman City Municipal Water Department	4,230.8	0.0	794.9	953.8	0.0	5,979.6	24,080	222
Hi-Country #2	85.4	0.0	0.0	0.0	0.0	85.4	630	121
Hi-Country Estates #1	54.2	0.0	0.0	0.1	0.0	54.3	430	113
Holliday Water Co.	3,384.5	0.0	577.8	165.1	0.0	4,127.4	11,120	331
Jordan Valley WCD	6,035.6	0.0	1,847.1	424.1	124.6	8,431.3	46,850	161
Kearns Improvement District	5,328.6	0.0	616.8	776.3	575.8	7,297.4	53,890	121
Magna Water District	3,431.9	0.0	722.7	2.5	2.1	4,159.3	34,870	106
Metropolitan Water District of Salt Lake and Sandy	0.0	0.0	0.0	0.0	0.0	0.0	0	0
Midvale City Water System	2,828.9	0.0	1,906.6	312.8	0.0	5,048.3	31,700	142
Mountain Valley Water Co.*	10.3	0.0	0.1	3.6	0.0	14.0	70	179
Murray City Water System	5,220.1	0.0	928.1	2,093.5	15.1	8,256.8	36,330	203
Riverton City Water System	3,159.7	0.0	265.9	321.4	0.0	3,747.1	41,500	81
Salt Lake City Water System	40,702.0	0.0	17,438.4	10,823.0	3,474.0	72,437.4	308,860	209
Salt Lake County Service Area #3 - Snowbird	8.4	0.0	513.9	0.0	0.0	522.3	60	7,771
Sandy City Water System	15,584.0	0.0	2,337.0	4,742.0	0.0	22,663.0	97,810	207
Silver Fork Pipeline Corp.	30.2	0.0	0.5	0.0	0.0	30.6	100	273
Silver Lake Co.	113.4	0.0	7.2	0.0	0.0	120.6	60	1,794
South Jordan City	9,531.2	0.0	2,742.9	1,463.0	0.0	13,737.1	54,510	225
South Salt Lake City Water System	1,028.3	0.0	1,115.2	122.0	0.0	2,265.5	11,780	172
Spring Glen Water Co.	2.8	0.0	0.0	0.0	0.0	2.8	40	63
Taylorsville-Bennion Improvement District	8,890.2	0.0	1,443.2	145.9	1,112.3	11,591.5	69,800	148
VA Medical Center SLC	0.0	0.0	33.6	251.0	0.0	284.6	350	726
Water Pro Inc. (Draper Irrigation Company)	4,171.0	0.0	643.0	452.8	3.1	5,269.9	27,590	171
Webb Well Water Users	43.0	0.0	0.0	0.0	0.0	43.0	170	226
West Jordan City Water System	12,039.0	0.0	4,919.0	1,406.0	1,411.0	19,775.0	97,150	182
White City WID	3,298.8	0.0	50.3	52.0	0.0	3,401.1	13,520	225
<b>County Totals**</b>	<b>148,515.4</b>	<b>0.0</b>	<b>43,637.7</b>	<b>27,245.9</b>	<b>6,825.3</b>	<b>226,224.3</b>	<b>1,113,920</b>	<b>181</b>

\*Estimated data, \*\*County Total GPCD is system weighted



**Table D-2.2 Salt Lake County 2015 Secondary Community Water System Use**

Water Supplier	Residential Use (ac-ft)	Commercial Use (ac-ft)	Institutional Use (ac-ft)	Industrial Use (ac-ft)	Total Secondary Use (ac-ft)	Service Population	Gallons Per Capita Per Day
Alta Town Water System	0.0	0.0	0.0	0.0	0.0	370	0
Bluffdale Water System						8,620	184
<i>Bluffdale City Secondary System</i>	1,528.0	0.0	252.0	0.0	1,780.0		
Boundary Spring Water Co.	0.0	0.0	0.0	0.0	0.0	220	0
Copperton Improvement District	0.0	0.0	0.0	0.0	0.0	900	0
Cottonwood Coves, Inc.	0.0	0.0	0.0	0.0	0.0	250	0
Dansie Water Co.	0.0	0.0	0.0	0.0	0.0	80	0
Draper City Water System*	0.0	0.0	0.0	0.0	0.0	15,350	0
Emigration Improvement District	0.0	0.0	0.0	0.0	0.0	820	0
Granger-Hunter Improvement District						124,040	4
<i>Brighton Canal Company*</i>	89.8	0.0	95.8	0.0	185.6		
<i>North Jordan Canal*</i>	89.8	0.0	95.8	0.0	185.6		
<i>Utah and Salt Lake Canal*</i>	89.8	0.0	95.8	0.0	185.6		
Herriman City Municipal Water Department						24,080	14
<i>Herriman City Secondary System</i>	0.0	0.0	176.9	0.0	176.9		
<i>Herriman Irrigation Co.*</i>	203.2	0.0	0.0	0.0	203.2		
Hi-Country #2	0.0	0.0	0.0	0.0	0.0	630	0
Hi-Country Estates #1	0.0	0.0	0.0	0.0	0.0	430	0
Holliday Water Co.						11,120	8
<i>Holliday Water Company Secondary System*</i>	34.2	0.0	48.6	0.0	82.8		
<i>Upper Canal Co. *</i>	22.8	0.0	0.0	0.0	22.8		
Jordan Valley WCD						46,850	5
<i>Richards Irrigation Company*</i>	270.8	0.0	0.0	0.0	270.8		
Kearns Improvement District						53,890	11
<i>Ridge Golf Course Secondary Water*</i>	0.0	0.0	636.0	0.0	636.0		
Magna Water District						34,870	16
<i>Magna Water Improvement District Secondary System*</i>	0.0	293.8	0.0	0.0	293.8		
<i>Magna Water Improvement District Secondary System</i>	312.0	0.0	0.0	0.0	312.0		
Metropolitan Water District of Salt Lake and Sandy	0.0	0.0	0.0	0.0	0.0	0	0
Midvale City Water System						31,700	0
<i>East Jordan Canal*</i>	4.3	0.0	0.0	0.0	4.3		
Mountain Valley Water Co.	0.0	0.0	0.0	0.0	0.0	70	0
Murray City Water System						36,330	40
<i>North Jordan Canal*</i>	210.6	0.0	1,222.9	0.0	1,433.5		
<i>Utah and Salt Lake Canal*</i>	210.6	0.0	0.0	0.0	210.6		
Riverton City Water System						38,660	298
<i>Collard</i>	86.9	0.0	0.0	0.0	86.9		
<i>Gedge</i>	670.8	0.0	0.0	0.0	670.8		
<i>Morning Glory Assoc.*</i>	322.8	0.0	0.0	0.0	322.8		
<i>Riverton Water Company Secondary System*</i>	5,164.0	0.0	562.3	0.0	5,726.3		
<i>South Jordan Canal</i>	684.3	0.0	0.0	0.0	684.3		
<i>Timpview Water Assoc. *</i>	322.7	0.0	0.0	0.0	322.7		
<i>Utah Lake Canal</i>	2,152.7	0.0	0.0	0.0	2,152.7		
<i>Welby Jacob Canal</i>	2,937.5	139.0	0.0	0.0	2,937.5		
*Estimated Data							

Table continued next page

**Table D-2.2 (Continued) Salt Lake County 2015 Secondary Community Water System Use**

Water Supplier	Residential Use (ac-ft)	Commercial Use (ac-ft)	Institutional Use (ac-ft)	Industrial Use (ac-ft)	Total Secondary Use (ac-ft)	Service Population	Gallons Per Capita Per Day
Salt Lake City Water System						308,860	4
<i>Jordan River Individual Secondary Water Rights*</i>	100.1	0.0	0.0	0.0	100.1		
<i>Old Mill Golf Course Secondary Water*</i>	0.0	0.0	434.7	0.0	434.7		
<i>Salt Lake City Various Ditches*</i>	869.9	0.0	0.0	0.0	869.9		
Salt Lake County Service Area #3 - Snowbird	755.2	0.0	0.0	0.0	755.2	60	11,237
Sandy City Water System						97,810	8
<i>East Jordan Canal*</i>	107.4	0.0	0.0	0.0	107.4		
<i>Salt Lake County Parks &amp; Rec Secondary Water*</i>	0.0	0.0	101.1	0.0	101.1		
<i>Sandy Irrigation Company*</i>	644.3	0.0	0.0	0.0	644.3		
Silver Fork Pipeline Corp.	0.0	0.0	0.0	0.0	0.0	100	0
Silver Lake Co.	0.0	0.0	0.0	0.0	0.0	60	0
South Jordan City						54,510	88
<i>Beckstead Canal</i>	60.1	295.6	0.0	0.0	355.7		
<i>South Jordan Canal</i>	827.3	0.0	275.8	0.0	1,103.1		
<i>Utah and Salt Lake Canal</i>	421.1	0.0	140.4	0.0	561.5		
<i>Utah Lake Canal</i>	1,400.0	0.0	466.6	0.0	1,866.6		
<i>Welby Jacob Canal</i>	1,108.7	0.0	369.6	0.0	1,478.3		
South Salt Lake City Water System						11,780	19
<i>South Salt Lake Various Ditches*</i>	0.0	0.0	253.4	0.0	253.4		
Spring Glen Water Co.	0.0	0.0	0.0	0.0	0.0	40	0
Taylorsville-Bennion Improvement District						69,800	7
<i>Salt Lake County Parks &amp; Rec Secondary Water*</i>	0.0	0.0	571.7	0.0	571.7		
VA Medical Center SLC	0.0	0.0	0.0	0.0	0.0	350	0
Water Pro Inc. (Draper Irrigation Company)						27,590	53
<i>Water Pro (Draper Irrigation Co.) Secondary System*</i>	1,222.6	0.0	406.5	0.0	1,629.1		
Webb Well Water Users						170	161
<i>Rock Hollow Irrigation Co.*</i>	12.6	0.0	0.0	0.0	12.6		
<i>Utah and Salt Lake Canal*</i>	9.0	0.0	0.0	0.0	9.0		
<i>Welby Jacob Canal*</i>	9.0	0.0	0.0	0.0	9.0		
West Jordan City Water System						97,150	16
<i>North Jordan Canal*</i>	10.9	0.0	0.0	0.0	10.9		
<i>Salt Lake County Parks &amp; Rec Secondary Water</i>	0.0	0.0	567.7	0.0	567.7		
<i>South Jordan Canal*</i>	10.9	0.0	0.0	0.0	10.9		
<i>Utah and Salt Lake Canal*</i>	10.9	0.0	0.0	0.0	10.9		
<i>Utah Lake Canal*</i>	10.9	0.0	0.0	0.0	10.9		
<i>Welby Jacob Canal*</i>	10.9	0.0	0.0	0.0	10.9		
<i>West Jordan City Secondary System*</i>	0.0	0.0	326.8	0.0	326.8		
White City WID	0.0	0.0	0.0	0.0	0.0	13,520	0
<b>County Totals**</b>	<b>23,009.3</b>	<b>589.4</b>	<b>7,100.4</b>	<b>0.0</b>	<b>30,699.1</b>	<b>1,111,080</b>	<b>25</b>

\*Estimated data, \*\*County Total GPCD is system weighted

**Table D-2.3 Salt Lake County 2015 Reliable Potable Sources for Community Water Systems**

Water Supplier	Reliable Wells (ac-ft)	Reliable Springs (ac-ft)	Reliable Surface (ac-ft)	Total (ac-ft)
Alta Town Water System	238.2	0.0	0.0	238.2
Bluffdale Water System	0.0	0.0	0.0	0.0
Boundary Spring Water Co.	0.0	1,137.4	0.0	1,137.4
Copperton Improvement District	624.5	0.0	0.0	624.5
Cottonwood Coves, Inc.	0.0	0.0	0.0	0.0
Dansie Water Co.	262.5	0.0	0.0	262.5
Draper City Water System	0.0	0.0	0.0	0.0
Emigration Improvement District	291.0	0.0	0.0	291.0
Granger-Hunter Improvement District	9,393.0	0.0	0.0	9,393.0
Herriman City Municipal Water Department	383.0	51.0	2,667.0	3,101.0
Hi-Country #2	53.0	0.0	0.0	53.0
Hi-Country Estates #1	81.0	0.0	0.0	81.0
Holliday Water Co.	2,840.0	1,840.0	1,099.0	5,779.0
Jordan Valley WCD	18,000.0	0.0	67,660.0	85,660.0
Kearns Improvement District	1,816.0	0.0	0.0	1,816.0
Magna Water District	4,308.0	0.0	0.6	4,308.6
Metropolitan Water District of Salt Lake and Sandy	0.0	0.0	78,532.0	78,532.0
Midvale City Water System	2,800.0	0.0	0.0	2,800.0
Mountain Valley Water Co.	14.0	0.0	0.0	14.0
Murray City Water System	12,823.0	1,135.0	0.0	13,958.0
Riverton City Water System	1,122.2	0.0	0.0	1,122.2
Salt Lake City Water System	15,700.0	2,200.0	25,702.0	43,602.0
Salt Lake County Service Area #3 - Snowbird	0.0	560.0	0.0	560.0
Sandy City Water System	14,400.0	0.0	0.0	14,400.0
Silver Fork Pipeline Corp.	62.0	0.0	0.0	62.0
Silver Lake Co.	0.0	81.0	0.0	81.0
South Jordan City	0.0	0.0	0.0	0.0
South Salt Lake City Water System	3,157.0	0.0	0.0	3,157.0
Spring Glen Water Co.	28.3	0.0	0.0	28.3
Taylorsville-Bennion Improvement District	1,080.0	609.6	0.0	1,689.6
VA Medical Center SLC	0.0	0.0	0.0	0.0
Water Pro Inc. (Draper Irrigation Company)	2,570.0	0.0	3,696.0	6,266.0
Webb Well Water Users	136.5	0.0	0.0	136.5
West Jordan City Water System	3,000.0	0.0	0.0	3,000.0
White City WID	4,051.5	0.0	0.0	4,051.5
<b>County Totals</b>	<b>99,234.6</b>	<b>7,614.0</b>	<b>179,356.6</b>	<b>286,205.2</b>

**Table D-2.4 Salt Lake County 2015  
Wholesale Potable Sources for Community  
Water Systems**

<b>Wholesaler/Retailer</b>	<b>Amount Provided (ac-ft)</b>
Herriman City Municipal Water Department	
<i>Hi-Country #2</i>	43.7
<i>Hi-Country Estates #1</i>	0.8
Jordan Valley WCD	
<i>Bluffdale Water System</i>	2,073.5
<i>Copperton Improvement District</i>	0.5
<i>Draper City Water System</i>	3,685.8
<i>Herriman City Municipal Water Department</i>	2,735.9
<i>Kearns Improvement District</i>	7,567.9
<i>Magna Water District</i>	793.5
<i>Midvale City Water System</i>	180.5
<i>Riverton City Water System</i>	3,158.7
<i>South Jordan City</i>	14,116.0
<i>Taylorsville-Bennion Improvement District</i>	4,700.1
<i>Water Pro Inc. (Draper Irrigation Company)</i>	990.1
<i>West Jordan City Water System</i>	18,983.0
Murray City Water System	
<i>Cottonwood Coves, Inc.</i>	72.5
Salt Lake City Water System	
<i>Salt Lake County Service Area #3 - Snowbird</i>	523.2
<i>VA Medical Center SLC</i>	284.6
<b>County Totals</b>	<b>59,910.4</b>

**Table D-3.1 Utah County 2015 Potable Community Water System Use**

Water Supplier	Residential Use (ac-ft)	Second Home Use (ac-ft)	Commercial Use (ac-ft)	Institutional Use (ac-ft)	Industrial Use (ac-ft)	Total Potable Use (ac-ft)	Service Population	Gallons Per Capita Per Day
Draper City Water System (Utah Co.)*	348.0	0.0	0.0	0.0	0.0	348.0	2,140	145
<b>County Totals**</b>	<b>348.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>348.0</b>	<b>2,140</b>	<b>145</b>

\*Estimated data, \*\*County Total GPCD is system weighted

**Table D-3.2 Utah County 2015 Secondary Community Water System Use**

Water Supplier	Residential Use (ac-ft)	Commercial Use (ac-ft)	Institutional Use (ac-ft)	Industrial Use (ac-ft)	Total Secondary Use (ac-ft)	Service Population	Gallons Per Capita Per Day
Draper City Water System (Utah Co.)	0.0	0.0	0.0	0.0	0.0	2,140	0
<b>County Totals**</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>2,140</b>	<b>0</b>

\*\*County Total GPCD is system weighted



**Table D-3.3 Utah County 2015 Reliable Potable Sources for Community Water Systems**

Water Supplier	Reliable Wells (ac-ft)	Reliable Springs (ac-ft)	Reliable Surface (ac-ft)	Total (ac-ft)
Draper City Water System (Utah Co.)	0.0	0.0	0.0	0.0
<b>County Totals</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>

**Table D-3.4 Utah County 2015 Wholesale Potable Sources for Community Water Systems**

Water Supplier	Amount Provided (ac-ft)
Jordan Valley WCD	
Draper City Water System (Utah Co.)	350.0
<b>County Totals</b>	<b>350.0</b>

# **Appendix E**

## **Kanab Creek/Virgin River Basin Data Tables**

**Table E-1 Kanab Virgin Basin 2015 Community Water System Data**

County	Iron		Kane		Washington		Basin Total	
Population	460		7,360		151,360		159,180	
Potable Water Use	ac-ft/year	GPCD	ac-ft/year	GPCD	ac-ft/year	GPCD	ac-ft/year	GPCD
Residential	127.4	247	1,060.1	129	30,049.8	177	31,237.3	175
Commercial	6.0	12	255.3	31	5,696.6	34	5,957.9	33
Institutional	40.0	78	415.0	50	2,857.8	17	3,312.9	19
Industrial	0.0	0	1.2	0	219.2	1	220.4	1
Total Potable <sup>++</sup>	173.4	336	1,731.5	210	38,823.5	229	40,728.4	228
Secondary Water Use	ac-ft/year	GPCD	ac-ft/year	GPCD	ac-ft/year	GPCD	ac-ft/year	GPCD
Residential	65.3	127	479.3	58	2,751.4	16	3,296.0	18
Commercial	0.0	0	120.6	15	1,144.5	7	1,265.1	7
Institutional	0.0	0	3.6	0	8,450.1	50	8,453.8	47
Industrial	0.0	0	0.0	0	0.0	0	0.0	0
Total Secondary <sup>++</sup>	65.3	127	603.6	73	12,346.1	73	13,014.9	73
Potable Reliable Supply	ac-ft/year		ac-ft/year		ac-ft/year		ac-ft/year	
Springs	64.6		547.4		7,858.6		8,470.6	
Wells	268.0		4,689.0		25,228.5		30,185.6	
Surface	0.0		0.0		27,420.0		27,420.0	
Total Reliable	332.6		5,236.4		60,507.2		66,076.2	

<sup>++</sup>Total GPCDs are county weighted

**Table E-2.1 Iron County 2015 Potable Community Water System Use**

Water Supplier	Residential Use (ac-ft)	Second Home Use (ac-ft)	Commercial Use (ac-ft)	Institutional Use (ac-ft)	Industrial Use (ac-ft)	Total Potable Use (ac-ft)	Service Population	Gallons Per Capita Per Day
Central Iron County WCD (Checksani Cliffs HOA)	21.2	0.0	0.0	0.0	0.0	21.2	70	270
Kanarraville Town Water System	106.2	0.0	6.0	40.0	0.0	152.2	390	348
<b>County Totals<sup>++</sup></b>	<b>127.4</b>	<b>0.0</b>	<b>6.0</b>	<b>40.0</b>	<b>0.0</b>	<b>173.4</b>	<b>460</b>	<b>336</b>
<sup>++</sup> County Total GPCD is system weighted								

**Table E-2.2 Iron County 2015 Secondary Community Water System Use**

Water Supplier	Residential Use (ac-ft)	Commercial Use (ac-ft)	Institutional Use (ac-ft)	Industrial Use (ac-ft)	Total Secondary Use (ac-ft)	Service Population	Gallons Per Capita Per Day
Central Iron County WCD (Checksani Cliffs HOA)	0.0	0.0	0.0	0.0	0.0	0	0
Kanarraville Town Water System							
<i>Kanarra Field Reservoir and Irrigation Co. *</i>	65.3	0.0	0.0	0.0	65.3	390	149
<b>County Totals<sup>++</sup></b>	<b>65.3</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>65.3</b>	<b>390</b>	<b>149</b>
<sup>*</sup> Estimated data, <sup>++</sup> County Total GPCD is system weighted							

**Table E-2.3 Iron County 2015 Reliable Potable Sources for Community Water Systems**

Water Supplier	Reliable Wells (ac-ft)	Reliable Springs (ac-ft)	Reliable Surface (ac-ft)	Total (ac-ft)
Central Iron County WCD (Checksani Cliffs HOA)	67.0	0.0	0.0	67.0
Kanarraville Town Water System	201.0	64.6	0.0	265.6
<b>County Totals</b>	<b>268.0</b>	<b>64.6</b>	<b>0.0</b>	<b>332.6</b>

**Table E-2.4 Iron County 2015 Wholesale Potable Sources for Community Water**

Water Supplier	Amount Provided (ac-ft)
There are no wholesale water sources for this county.	
<b>County Totals</b>	<b>0.0</b>



**Table E-3.1 Kane County 2015 Potable Community Water System Use**

Water Supplier	Residential Use (ac-ft)	Second Home Use (ac-ft)	Commercial Use (ac-ft)	Institutional Use (ac-ft)	Industrial Use (ac-ft)	Total Potable Use (ac-ft)	Service Population	Gallons Per Capita Per Day
Alton Town Water System	17.9	0.0	0.0	0.0	0.0	17.9	120	133
Best Friends Animal Society	1.7	0.0	0.0	40.4	0.0	42.1	30	1,253
Fredonia, Arizona	203.5	0.0	20.3	64.0	0.0	287.7	1,390	185
Glendale Town Water System	32.8	7.0	2.0	5.3	0.0	47.1	390	108
Kanab City	581.4	70.0	196.2	263.1	0.6	1,111.2	4,420	224
Kane County WCD - Johnson Canyon	78.5	0.0	1.0	0.0	0.0	79.5	420	169
Orderville Town Water System	57.3	10.0	35.8	42.3	0.6	146.0	590	221
<b>County Totals**</b>	<b>973.1</b>	<b>87.0</b>	<b>255.3</b>	<b>415.0</b>	<b>1.2</b>	<b>1,731.5</b>	<b>7,360</b>	<b>210</b>

\*\*County Total GPCD is system weighted

**Table E-3.2 Kane County 2015 Secondary Community Water System Use**

Water Supplier	Residential Use (ac-ft)	Commercial Use (ac-ft)	Institutional Use (ac-ft)	Industrial Use (ac-ft)	Total Secondary Use (ac-ft)	Service Population	Gallons Per Capita Per Day
Alton Town Water System						120	217
<i>Alton Farmers Association*</i>	25.6	0.0	3.6	0.0	29.2		
Best Friends Animal Society	0.0	0.0	0.0	0.0	0.0	30	0
Fredonia, Arizona	0.0	0.0	0.0	0.0	0.0	1390	0
Glendale Town Water System						390	238
<i>Glendale Irrigation Company*</i>	104.1	0.0	0.0	0.0	104.1		
Kanab City						4420	42
<i>Kanab Irrigation Company*</i>	206.7	0.0	0.0	0.0	206.7		
Kane County WCD - Johnson Canyon	0.0	0.0	0.0	0.0	0.0	420	0
Orderville Town Water System						590	399
<i>Mt. Carmel Irrigation Co. *</i>	35.8	120.6	0.0	0.0	156.4		
<i>Orderville Irrigation Co. *</i>	107.3	0.0	0.0	0.0	107.3		
<b>County Totals**</b>	<b>479.3</b>	<b>120.6</b>	<b>3.6</b>	<b>0.0</b>	<b>603.6</b>	<b>7360</b>	<b>73</b>

\*Estimated data, \*\*County Total GPCD is system weighted

**Table E-3.3 Kane County 2015 Reliable Potable Sources for Community Water Systems**

Water Supplier	Reliable Wells (ac-ft)	Reliable Springs (ac-ft)	Reliable Surface (ac-ft)	Total (ac-ft)
Alton Town Water System	0.0	24.2	0.0	24.2
Best Friends Animal Society	28.6	0.0	0.0	28.6
Fredonia, Arizona	278.4	363.2	0.0	641.6
Glendale Town Water System	108.6	25.8	0.0	134.4
Kanab City	2,982.1	113.0	0.0	3,095.1
Kane County WCD - Johnson Canyon	847.4	0.0	0.0	847.4
Orderville Town Water System	443.9	21.2	0.0	465.1
<b>County Totals</b>	<b>4,689.0</b>	<b>547.4</b>	<b>0.0</b>	<b>5,236.4</b>

**Table E-3.4 Kane County 2015 Wholesale Potable Sources for Community Water Systems**

Water Supplier	Amount Provided (ac-ft)
Alton Town Water System	
<i>Alton Town Water System</i>	2.6
<b>County Totals</b>	<b>2.6</b>

**Table E-4.1 Washington County 2015 Potable Community Water System Use**

Water Supplier	Residential Use (ac-ft)	Second Home Use (ac-ft)	Commercial Use (ac-ft)	Institutional Use (ac-ft)	Industrial Use (ac-ft)	Total Potable Use (ac-ft)	Service Population	Gallons Per Capita Per Day
Angell Springs S.S.D.	29.0	0.5	0.0	0.0	0.0	29.5	210	125
Big Plains Water and Sewer S.S.D. - Apple Valley	143.0	28.9	0.0	3.4	0.0	175.3	580	270
Big Plains Water and Sewer S.S.D. - Cedar Point	20.0	3.7	0.0	0.0	0.0	23.7	210	101
Central Culinary Water Co.	27.6	0.0	0.0	0.0	0.0	27.6	110	224
Dammeron Valley Water Works LLC	220.0	55.7	0.0	0.0	0.0	275.7	880	280
Diamond Valley Acres	196.0	49.5	0.0	34.9	0.0	280.4	1,210	207
Dixie Deer S.S.D.	50.0	20.3	0.0	0.0	0.0	70.3	560	112
Gunlock S.S.D.*	9.5	0.0	0.0	5.8	0.0	15.3	130	105
Harmony Farms Water Users	78.0	15.0	3.0	0.0	0.0	96.0	340	252
Harmony Heights HOA*	21.0	4.1	0.0	0.0	0.0	25.1	140	160
Hildale - Colorado City	745.4	0.0	37.0	7.5	9.5	799.4	3,060	233
Hurricane City	2,313.0	285.8	295.5	333.3	42.4	3,270.0	15,380	190
Ivins	1,120.0	195.0	143.8	119.2	0.0	1,578.0	7,070	199
Kayenta Water Users Inc.	76.0	18.9	3.7	0.0	0.0	98.6	560	157
La Verkin City Water System	378.0	29.5	21.5	36.7	3.0	468.7	4,550	92
Leeds Domestic Water Users Assn.	141.0	18.0	23.9	0.0	0.0	182.9	880	186
Mountain Springs Water Co.	132.0	25.9	0.0	0.0	0.0	157.9	280	503
New Harmony Water System	59.0	11.0	0.0	20.2	0.0	90.2	240	336
North Valley Ranches Subdivision	3.6	0.7	0.0	0.0	0.0	4.3	30	128
Olympus Academy	0.0	0.0	0.0	0.2	0.0	0.2	30	6
Pine Valley Irrigation Co.	30.0	127.6	3.2	7.1	0.0	167.9	200	750
Pine Valley Mt. Farms	17.0	55.7	0.0	0.0	0.0	72.7	190	342
Rockville Pipeline Co.	26.0	8.2	0.0	0.0	0.0	34.2	280	109
Santa Clara City	1,269.0	110.4	23.8	151.4	1.4	1,556.0	6,710	207
Springdale Town Water System	31.0	15.9	160.0	16.2	0.0	223.1	590	338
St. George City Water System	13,935.5	2,617.5	3,823.0	1,875.0	153.0	22,404.0	81,670	245
Toquerville Town Water System	169.0	1.6	0.0	1.1	0.0	171.7	1,500	102
Veyo Culinary Water Assn.	360.0	0.0	10.0	30.1	6.0	406.1	620	585
Virgin	66.0	7.0	2.3	17.5	0.0	92.8	670	124
Washington City	3,595.0	723.3	1,047.8	155.5	3.9	5,525.5	21,000	235
Washington County WCD - Kayenta Water (Wholesaler)	0.0	0.0	0.0	0.0	0.0	0.0	0	0
Washington County WCD - Quail Lake (Wholesaler)	0.0	0.0	0.0	0.0	0.0	0.0	0	0
Washington County WCD - Sand Hollow (Hurricane Valley Retail plus Wholesale)	45.0	0.8	0.0	5.9	0.0	51.7	190	243
Washington County WCD - Cottam (Casa De Oro Water Co. Retail plus Wholesale)	8.0	1.1	0.0	0.0	0.0	9.1	60	135
Winchester Hills Water Co.	219.0	54.9	0.0	0.0	0.0	273.9	1,080	226
Zion Canyon Water System	30.7	0.0	98.2	36.8	0.0	165.7	150	986
<b>County Totals**</b>	<b>25,563.3</b>	<b>4,486.5</b>	<b>5,696.6</b>	<b>2,857.8</b>	<b>219.2</b>	<b>38,823.5</b>	<b>151,360</b>	<b>229</b>

\*Estimated data, \*\*County Total GPCD is system weighted

**Table E-4.2 Washington County 2015 Secondary Community Water System Use**

Water Supplier	Residential Use (ac-ft)	Commercial Use (ac-ft)	Institutional Use (ac-ft)	Industrial Use (ac-ft)	Total Secondary Use (ac-ft)	Service Population	Gallons Per Capita Per Day
Angell Springs S.S.D.	0.0	0.0	0.0	0.0	0.0	210	0
Big Plains Water and Sewer S.S.D. - Apple Valley	0.0	0.0	0.0	0.0	0.0	580	0
Big Plains Water and Sewer S.S.D. - Cedar Point	0.0	0.0	0.0	0.0	0.0	210	0
Central Culinary Water Co.						110	151
<i>Central Canal &amp; Irrigation Co.*</i>	18.6	0.0	0.0	0.0	18.6		
Dammeron Valley Water Works LLC	0.0	0.0	0.0	0.0	0.0	880	0
Diamond Valley Acres	0.0	0.0	0.0	0.0	0.0	1210	0
Dixie Deer S.S.D.	0.0	0.0	0.0	0.0	0.0	560	0
Gunlock S.S.D.						130	47
<i>Gunlock Irrigation Co.*</i>	6.8	0.0	0.0	0.0	6.8		
Harmony Farms Water Users	0.0	0.0	0.0	0.0	0.0	340	0
Harmony Heights HOA						140	346
<i>Harmony Heights Secondary Water Assc.*</i>	54.3	0.0	0.0	0.0	54.3		
Hildale - Colorado City	0.0	0.0	0.0	0.0	0.0	3060	0
Hurricane City						15380	157
<i>Hurricane City Pressurized Irrigation System</i>	950.0	50.0	176.0	0.0	1,176.0		
<i>WCWCD (secondary)</i>	0.0	1,084.0	445.0	0.0	1,529.0		
Ivins						7070	11
<i>Ivins Irrigation*</i>	84.2	0.0	0.0	0.0	84.2		
Kayenta Water Users Inc.	0.0	0.0	0.0	0.0	0.0	560	0
La Verkin City Water System						4550	107
<i>La Verkin City Secondary Water System*</i>	543.3	0.0	0.0	0.0	543.3		
Leeds Domestic Water Users Assn.						880	95
<i>Leeds Irrigation Water Company*</i>	93.7	0.0	0.0	0.0	93.7		
Mountain Springs Water Co.	0.0	0.0	0.0	0.0	0.0	280	0
New Harmony Water System						240	176
<i>New Harmony Irrigation and Reservoir Co.*</i>	42.6	0.0	0.0	0.0	42.6		
<i>New Harmony Irrigation and Reservoir Co.*</i>	4.8	0.0	0.0	0.0	4.8		
North Valley Ranches Subdivision	0.0	0.0	0.0	0.0	0.0	30	0
Olympus Academy						30	193
<i>Olympus Academy Secondary System*</i>	0.0	6.5	0.0	0.0	6.5		
Pine Valley Irrigation Co.						200	44
<i>Pine Valley Irrigation Co.*</i>	9.8	0.0	0.0	0.0	9.8		
Pine Valley Mt. Farms	0.0	0.0	0.0	0.0	0.0	190	0
Rockville Pipeline Co.						280	390
<i>Rockville Ditch Co.*</i>	119.5	0.0	2.7	0.0	122.2		

\*Estimated Data

Table continued next page

**Table E-4.2 (Continued) Washington County 2015 Secondary Community Water System Use**

Water Supplier	Residential Use (ac-ft)	Commercial Use (ac-ft)	Institutional Use (ac-ft)	Industrial Use (ac-ft)	Total Secondary Use (ac-ft)	Service Population	Gallons Per Capita Per Day
Santa Clara City						6710	35
<i>New Santa Clara Field Canal Co. (Ditch)*</i>	14.8	0.0	0.0	0.0	14.8		
<i>Santa Clara Irrigation Co.*</i>	14.8	0.0	233.2	0.0	248.0		
Springdale Town Water System						590	194
<i>Springdale Consolidated Irrigation Co.*</i>	51.5	0.0	0.0	0.0	51.5		
<i>Springdale Town Secondary System*</i>	51.5	0.0	25.2	0.0	76.7		
St. George City Water System						81670	73
<i>Bloomington Water Co.</i>	0.0	0.0	794.8	0.0	794.8		
<i>Bloomington Irrigation Co.*</i>	29.3		814.5	0.0	843.8		
<i>East City and Cottonwood Ditch Users*</i>	29.3	0.0	0.0	0.0	29.3		
<i>Hidden Valley Irrigation Users*</i>	58.7	0.0		0.0	58.7		
<i>Millcreek Irrigation Co.</i>	0.0	0.0	160.9	0.0	160.9		
<i>St. George City Secondary System</i>	0.0	4.0	3,896.1	0.0	3,900.1		
<i>St. George Clara Fields Canal Co.</i>	0.0	0.0	267.0	0.0	267.0		
<i>St. George Valley Irrigation Co.</i>	0.0	0.0	267.0	0.0	267.0		
<i>St. George Washington Fields Canal Co.</i>	0.0	0.0	375.0	0.0	375.0		
Toquerville Town Water System						1500	220
<i>WCWCD (secondary)*</i>	298.9	0.0	70.4	0.0	369.3		
Veyo Culinary Water Assn.						620	233
<i>Veyo Irrigation Company*</i>	162.0	0.0	0.0	0.0	162.0		
Virgin						670	101
<i>Virgin Canal Company*</i>	51.6	0.0	13.7	0.0	65.3		
<i>Virgin Ditch Co. (Ditch)*</i>	10.3	0.0	0.0	0.0	10.3		
Washington City						21000	41
<i>Washington City Secondary System*</i>	51.0	0.0	520.0	0.0	571.0		
<i>WCWCD (Secondary - Coral Canyon GC)</i>	0.0	0.0	387.7	0.0	387.7		
Washington County WCD - Kayenta Water (Wholesaler)	0.0	0.0	0.0	0.0	0.0	0	0
Washington County WCD - Quail Lake (Wholesaler)	0.0	0.0	0.0	0.0	0.0	0	0
Washington County WCD - Sand Hollow (Hurricane Valley Retail plus Wholesale)	0.0	0.0	0.0	0.0	0.0	190	0
Washington County WCD- Cottam (Casa De Oro Water Co. Retail plus Wholesale)	0.0	0.0	0.0	0.0	0.0	60	0
Winchester Hills Water Co.	0.0	0.0	0.0	0.0	0.0	1080	0
Zion Canyon Water System						150	6
<i>Zion Canyon Water System*</i>	0.0	0.0	1.0	0.0	1.0		
<b>County Totals**</b>	<b>2,751.4</b>	<b>1,144.5</b>	<b>8,450.1</b>	<b>0.0</b>	<b>12,346.1</b>	<b>151360</b>	<b>73</b>
*Estimated data, **County Total GPCD is system weighted							



**Table E-4.3 Washington County 2015 Reliable Potable Sources for Community Water Systems**

Water Supplier	Reliable Wells (ac-ft)	Reliable Springs (ac-ft)	Reliable Surface (ac-ft)	Total (ac-ft)
Angell Springs S.S.D.	90.8	38.6	0.0	129.4
Big Plains Water and Sewer S.S.D. - Apple Valley	544.8	0.0	0.0	544.8
Big Plains Water and Sewer S.S.D. - Cedar Point	75.9	0.0	0.0	75.9
Central Culinary Water Co.	25.8	9.7	0.0	35.5
Dammeron Valley Water Works LLC	363.8	0.0	0.0	363.8
Diamond Valley Acres	581.1	0.0	0.0	581.1
Dixie Deer S.S.D.	219.3	0.0	0.0	219.3
Gunlock S.S.D.	72.6	31.2	0.0	103.9
Harmony Farms Water Users	144.4	0.0	0.0	144.4
Harmony Heights HOA	84.5	0.0	0.0	84.5
Hildale - Colorado City	883.7	44.0	0.0	927.7
Hurricane City	2,205.7	2,276.0	0.0	4,481.7
Ivins	393.0	0.0	0.0	393.0
Kayenta Water Users Inc.	0.0	0.0	0.0	0.0
La Verkin City Water System	0.0	714.3	0.0	714.3
Leeds Domestic Water Users Assn.	339.0	142.2	0.0	481.1
Mountain Springs Water Co.	390.0	0.0	0.0	390.0
New Harmony Water System	807.1	27.9	0.0	835.0
North Valley Ranches Subdivision	16.1	0.0	0.0	16.1
Olympus Academy	27.5	0.0	0.0	27.5
Pine Valley Irrigation Co.	28.3	815.1	0.0	843.4
Pine Valley Mt. Farms	185.2	0.0	0.0	185.2
Rockville Pipeline Co.	82.7	30.7	0.0	113.4
Santa Clara City	2,045.9	96.9	0.0	2,142.7
Springdale Town Water System	0.0	92.7	498.0	590.7
St. George City Water System	8,618.5	2,471.0	0.0	11,089.5
Toquerville Town Water System	0.0	363.2	0.0	363.2
Veyo Culinary Water Assn.	78.4	197.6	0.0	276.0
Virgin	0.0	0.0	0.0	0.0
Washington City	1,525.4	0.0	0.0	1,525.4
Washington County WCD - Kayenta Water (Wholesaler)	250.0	0.0	0.0	250.0
Washington County WCD - Quail Lake (Wholesaler)	0.0	0.0	26,922.0	26,922.0
Washington County WCD - Sand Hollow (Hurricane Valley Retail plus Wholesale )	4,000.0	0.0	0.0	4,000.0
Washington County WCD- Cottam (Casa De Oro Water Co. Retail plus Wholesale)	875.0	0.0	0.0	875.0
Winchester Hills Water Co.	274.2	0.0	0.0	274.2
Zion Canyon Water System	0.0	507.6	0.0	507.6
<b>County Totals</b>	<b>25,228.5</b>	<b>7,858.6</b>	<b>27,420.0</b>	<b>60,507.2</b>

**Table E-4.4 Washington County 2015 Wholesale Potable Sources for Community Water Systems**

Water Supplier	Amount Provided (ac-ft)
Ivins	
<i>Ivins</i>	204.8
Washington County WCD - Kayenta Water (Wholesaler)	
<i>Ivins</i>	189.4
<i>Kayenta Water Users Inc.</i>	98.6
Washington County WCD - Quail Lake (Wholesaler)	
<i>Ivins</i>	0.0
<i>St. George City Water System</i>	15,025.3
Washington County WCD - Sand Hollow (Hurricane Valley Retail plus Wholesale )	
<i>St. George City Water System</i>	2,928.6
Washington County WCD- Cottam (Casa De Oro Water Co. Retail plus Wholesale)	
<i>La Verkin City Water System</i>	606.8
<i>Virgin</i>	92.8
<b>County Totals</b>	<b>19,146.2</b>

# **Appendix F**

## **Sevier River Basin Data Tables**

**Table F-1 Sevier River Basin 2015 Community System Water Data**

County	Garfield		Juab		Kane		Millard		Piute		Sanpete		Sevier		Basin Total	
Population	2,080		1,640		160		10,120		1,410		25,580		19,120		60,110	
Potable Water Use	ac-ft/year	GPCD	ac-ft/year	GPCD	ac-ft/year	GPCD	ac-ft/year	GPCD	ac-ft/year	GPCD	ac-ft/year	GPCD	ac-ft/year	GPCD	ac-ft/year	GPCD
Residential	352.7	151	374.4	204	78.6	439	2,554.1	225	292.8	185	2,689.5	94	3,010.3	141	9,352.5	139
Commercial	307.8	132	7.4	4	4.6	26	493.9	44	68.2	43	296.0	10	573.1	27	1,750.9	26
Institutional	133.1	57	36.4	20	0.0	0	532.3	47	38.0	24	895.4	31	1,385.3	65	3,020.6	45
Industrial	5.9	3	0.0	0	0.0	0	239.3	21	87.6	55	139.9	5	311.9	15	784.6	12
Total Potable**	799.5	343	418.2	228	83.2	464	3,819.6	337	486.7	308	4,020.8	140	5,280.6	247	14,908.6	221
Secondary Water Use	ac-ft/year	GPCD	ac-ft/year	GPCD	ac-ft/year	GPCD	ac-ft/year	GPCD	ac-ft/year	GPCD	ac-ft/year	GPCD	ac-ft/year	GPCD	ac-ft/year	GPCD
Residential	504.7	217	191.6	104	0.0	0	2,055.2	181	111.9	71	5,385.6	188	1,596.9	75	9,846.0	146
Commercial	0.0	0	0.0	0	0.0	0	11.2	1	0.0	0	0.0	0	0.0	0	11.2	0
Institutional	58.1	25	0.0	0	0.0	0	101.5	9	26.0	16	1,038.0	36	840.6	39	2,064.2	31
Industrial	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0
Total Secondary**	562.8	242	191.6	104	0.0	0	2,167.9	191	137.9	87	6,423.6	224	2,437.5	114	11,921.4	177
Potable Reliable Supply	ac-ft/year		ac-ft/year		ac-ft/year		ac-ft/year		ac-ft/year		ac-ft/year		ac-ft/year		ac-ft/year	
Springs	1,732.1		726.4		0.0		3,534.3		1,033.7		10,736.7		4,636.2		22,399.3	
Wells	960.3		711.6		958.3		8,561.3		368.9		4,663.7		4,912.9		21,137.0	
Surface	0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0	
Total Reliable	2,692.4		1,437.9		958.3		12,095.6		1,402.6		15,400.4		9,549.1		43,536.3	

\*\*Total GPCDs are county weighted

**Table F-2.1 Garfield County 2015 Potable Community Water System Use**

Water Supplier	Residential Use (ac-ft)	Second Home Use (ac-ft)	Commercial Use (ac-ft)	Institutional Use (ac-ft)	Industrial Use (ac-ft)	Total Potable Use (ac-ft)	Service Population	Gallons Per Capita Per Day
Antimony Town Water System	68.1	0.0	14.5	10.2	0.0	92.8	140	592
Bryce Canyon Nat'l Park	6.9	0.0	18.0	18.0	0.0	42.8	30	1,273
Hatch Town Water System	21.8	0.0	5.4	0.0	0.0	27.2	130	187
Panguitch City Water System	240.2	0.0	63.4	104.9	5.9	414.4	1,530	242
Paunsagunt Cliffs S.S.D.	15.8	0.0	0.0	0.0	0.0	15.8	40	352
Ruby's Inn	0.0	0.0	206.5	0.0	0.0	206.5	210	878
County Totals**	352.7	0.0	307.8	133.1	5.9	799.5	2,080	343

\*\*County Total GPCD is system weighted

**Table F-2.2 Garfield County 2015 Secondary Community Water System Use**

Water Supplier	Residential Use (ac-ft)	Commercial Use (ac-ft)	Institutional Use (ac-ft)	Industrial Use (ac-ft)	Total Secondary Use (ac-ft)	Service Population	Gallons Per Capita Per Day
Antimony Town Water System	0.0	0.0	0.0	0.0	0.0	140	0
Bryce Canyon Nat'l Park	0.0	0.0	0.0	0.0	0.0	30	0
Hatch Town Water System						130	511
<i>Hatch Irrigation Company*</i>	74.4	0.0	0.0	0.0	74.4		
Panguitch City Water System						1,530	281
<i>West Panguitch Irrigation Co. *</i>	430.3	0.0	51.5	0.0	481.8		
Paunsagunt Cliffs S.S.D.	0.0	0.0	0.0	0.0	0.0	40	0
Ruby's Inn						210	28
<i>Tropic &amp; East Fork Irr. Co. *</i>	0.0	0.0	6.6	0.0	6.6		
<b>County Totals**</b>	<b>504.7</b>	<b>0.0</b>	<b>58.1</b>	<b>0.0</b>	<b>562.8</b>	<b>2,080</b>	<b>242</b>

\*Estimated data, \*\*County Total GPCD is system weighted



**Table F-2.3 Garfield County 2015 Reliable Potable Sources for Community Water Systems**

<b>Water Supplier</b>	<b>Reliable Wells (ac-ft)</b>	<b>Reliable Springs (ac-ft)</b>	<b>Reliable Surface (ac-ft)</b>	<b>Total (ac-ft)</b>
Antimony Town Water System	0.0	279.4	0.0	<b>279.4</b>
Bryce Canyon Nat'l Park	161.4	0.0	0.0	<b>161.4</b>
Hatch Town Water System	144.8	0.0	0.0	<b>144.8</b>
Panguitch City Water System	201.8	1,452.7	0.0	<b>1,654.5</b>
Paunsagunt Cliffs S.S.D.	48.8	0.0	0.0	<b>48.8</b>
Ruby's Inn	403.5	0.0	0.0	<b>403.5</b>
<b>County Totals</b>	<b>960.3</b>	<b>1,732.1</b>	<b>0.0</b>	<b>2,692.4</b>

**Table F-2.4 Garfield County 2015  
Wholesale Potable Sources for Community  
Water Systems**

Water Supplier	Amount Provided (ac-ft)
There are no wholesale water sources for this county.	
<b>County Totals</b>	<b>0.0</b>

**Table F-3.1 Juab County 2015 Potable Community Water System Use**

Water Supplier	Residential Use (ac-ft)	Second Home Use (ac-ft)	Commercial Use (ac-ft)	Institutional Use (ac-ft)	Industrial Use (ac-ft)	Total Potable Use (ac-ft)	Service Population	Gallons Per Capita Per Day
Eureka Town	221.0	0.0	7.4	15.0	0.0	243.3	720	302
Levan Town Water System	153.4	0.0	0.0	21.5	0.0	174.9	920	170
<b>County Totals**</b>	<b>374.4</b>	<b>0.0</b>	<b>7.4</b>	<b>36.4</b>	<b>0.0</b>	<b>418.2</b>	<b>1,640</b>	<b>228</b>
**County Total GPCD is system weighted								

**Table F-3.2 Juab County 2015 Secondary Community Water System Use**

Water Supplier	Residential Use (ac-ft)	Commercial Use (ac-ft)	Institutional Use (ac-ft)	Industrial Use (ac-ft)	Total Secondary Use (ac-ft)	Service Population	Gallons Per Capita Per Day
Eureka Town	0.0	0.0	0.0	0.0	0.0	720	0
Levan Town Water System						920	186
<i>Levan Irrigation Company*</i>	191.6	0.0	0.0	0.0	191.6		
<b>County Totals**</b>	<b>191.6</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>191.6</b>	<b>1,640</b>	<b>104</b>

\*Estimated data, \*\*County Total GPCD is system weighted

**Table F-3.3 Juab County 2015 Reliable Potable Sources for Community Water Systems**

Water Supplier	Reliable Wells (ac-ft)	Reliable Springs (ac-ft)	Reliable Surface (ac-ft)	Total (ac-ft)
Eureka Town	469.4	0.0	0.0	469.4
Levan Town Water System	242.1	726.4	0.0	968.5
<b>County Totals</b>	<b>711.6</b>	<b>726.4</b>	<b>0.0</b>	<b>1,437.9</b>

**Table F-3.4 Juab County  
2015 Wholesale Potable Sources for  
Community Water Systems**

Water Supplier	Amount Provided (ac-ft)
There are no wholesale water sources for this county.	
<b>County Totals</b>	<b>0.0</b>

**Table F-4.1 Kane County 2015 Potable Community Water System Use**

Water Supplier	Residential Use (ac-ft)	Second Home Use (ac-ft)	Commercial Use (ac-ft)	Institutional Use (ac-ft)	Industrial Use (ac-ft)	Total Potable Use (ac-ft)	Service Population	Gallons Per Capita Per Day
Kane County WCD - Duck Creek Village	69.7	0.0	4.6	0.0	0.0	74.3	130	510
Kane County WCD - Long Valley Estates	8.9	0.0	0.0	0.0	0.0	8.9	30	265
<b>County Totals**</b>	<b>78.6</b>	<b>0.0</b>	<b>4.6</b>	<b>0.0</b>	<b>0.0</b>	<b>83.2</b>	<b>160</b>	<b>464</b>
**County Total GPCD is system weighted								

**Table F-4.2 Kane County 2015 Secondary Community Water System Use**

Water Supplier	Residential Use (ac-ft)	Commercial Use (ac-ft)	Institutional Use (ac-ft)	Industrial Use (ac-ft)	Total Secondary Use (ac-ft)	Service Population	Gallons Per Capita Per Day
Kane County WCD - Duck Creek Village	0.0	0.0	0.0	0.0	0.0	130	0
Kane County WCD - Long Valley Estates	0.0	0.0	0.0	0.0	0.0	30	0
<b>County Totals**</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>160</b>	<b>0</b>

\*\*County Total GPCD is system weighted

**Table F-4.3 Kane County 2015 Reliable Potable Sources for Community Water Systems**

Water Supplier	Reliable Wells (ac-ft)	Reliable Springs (ac-ft)	Reliable Surface (ac-ft)	Total (ac-ft)
Kane County WCD - Duck Creek Village	877.6	0.0	0.0	<b>877.6</b>
Kane County WCD - Long Valley Estates	80.7	0.0	0.0	<b>80.7</b>
<b>County Totals</b>	<b>958.3</b>	<b>0.0</b>	<b>0.0</b>	<b>958.3</b>



**Table F-4.4 Kane County 2015 Wholesale Potable Sources for Community Water Systems**

Water Supplier	Amount Provided (ac-ft)
There are no wholesale water sources for this county.	
County Totals	0.0

**Table F-5.1 Millard County 2015 Potable Community Water System Use**

Water Supplier	Residential Use (ac-ft)	Second Home Use (ac-ft)	Commercial Use (ac-ft)	Institutional Use (ac-ft)	Industrial Use (ac-ft)	Total Potable Use (ac-ft)	Service Population	Gallons Per Capita Per Day
Country Estates HOA	20.0	0.0	0.0	0.0	0.0	20.0	80	223
Delta City	812.7	0.0	114.8	184.9	0.0	1,112.4	3,620	274
Deseret-Oasis S.S.D.	97.5	0.0	0.0	19.3	0.0	116.8	460	227
Fillmore City	329.2	0.0	343.6	247.1	196.0	1,115.9	2,560	389
Hinckley Town Water System	145.8	0.0	1.4	0.0	0.0	147.2	730	180
Holden Town Water System	255.2	0.0	0.0	2.4	0.0	257.5	400	575
Kanosh Town Water System	149.8	0.0	20.1	41.7	0.0	211.6	500	378
Leamington Town Water System	57.8	0.0	1.0	0.5	8.3	67.6	240	251
Lynndyl Town Water System	68.6	0.0	0.0	3.8	0.2	72.6	110	589
Meadow Town Water System	145.2	0.0	5.3	23.8	13.8	188.1	340	494
Oak City Water System	353.9	0.0	0.7	4.4	0.0	359.0	620	517
Oak Meadows Subdivision*	25.0	0.0	0.0	0.0	0.0	25.0	70	319
Scipio Town	77.0	0.0	7.0	0.0	21.1	105.0	360	260
Sunset View Estates Water Co.	16.4	0.0	0.0	4.5	0.0	20.9	30	621
<b>County Totals**</b>	<b>2,554.1</b>	<b>0.0</b>	<b>493.9</b>	<b>532.3</b>	<b>239.3</b>	<b>3,819.6</b>	<b>10,120</b>	<b>337</b>
*Estimated data, **County Total GPCD is system weighted								

**Table F-5.2 Millard County 2015 Secondary Community Water System Use**

Water Supplier	Residential Use (ac-ft)	Commercial Use (ac-ft)	Institutional Use (ac-ft)	Industrial Use (ac-ft)	Total Secondary Use (ac-ft)	Service Population	Gallons Per Capita Per Day
Country Estates HOA	0.0	0.0	0.0	0.0	0.0	80	0
Delta City						3,620	21
<i>Delta Canal Company*</i>	22.9	0.0	60.5	0.0	83.4		
Deseret-Oasis S.S.D.	0.0	0.0	0.0	0.0	0.0	460	0
Fillmore City						2,560	335
<i>Fillmore Water Users Association*</i>	961.1	0.0	0.0	0.0	961.1		
Hinckley Town Water System						730	70
<i>Hinckley Irrigation Board*</i>	57.1	0.0	0.0	0.0	57.1		
Holden Town Water System						400	231
<i>Holden Irrigation Company*</i>	103.6	0.0	0.0	0.0	103.6		
Kanosh Town Water System						500	1,151
<i>Corn Creek Irrigation Co. *</i>	630.0	0.0	0.0	0.0	630.0		
<i>Corn Creek Irrigation/Ditch*</i>	14.8	0.0	0.0	0.0	14.8		
Leamington Town Water System						240	157
<i>Leamington Irrigation Co. Ditch*</i>	36.4	0.0	5.9	0.0	42.3		
Lynndyl Town Water System	0.0	0.0	0.0	0.0	0.0	110	0
Meadow Town Water System	0.0	0.0	0.0	0.0	0.0	340	0
Oak City Water System	0.0	0.0	0.0	0.0	0.0	620	0
Oak Meadows Subdivision	0.0	0.0	0.0	0.0	0.0	70	0
Scipio Town						360	676
<i>Scipio Irrigation Co. *</i>	229.3	11.2	32.1	0.0	272.6		
Sunset View Estates Water Co.						30	89
<i>Sunset View Estates Common Area Secondary Well*</i>	0.0	0.0	3.0	0.0	3.0		
<b>County Totals<sup>++</sup></b>	<b>2,055.2</b>	<b>11.2</b>	<b>101.5</b>	<b>0.0</b>	<b>2,167.9</b>	<b>10,120</b>	<b>191</b>

\*Estimated data, \*\*County Total GPCD is system weighted

**Table F-5.3 Millard County 2015 Reliable Potable Sources for Community Water Systems**

<b>Water Supplier</b>	<b>Reliable Wells (ac-ft)</b>	<b>Reliable Springs (ac-ft)</b>	<b>Reliable Surface (ac-ft)</b>	<b>Total (ac-ft)</b>
Country Estates HOA	38.0	0.0	0.0	<b>38.0</b>
Delta City	2,921.6	0.0	0.0	<b>2,921.6</b>
Deseret-Oasis S.S.D.	630.1	0.0	0.0	<b>630.1</b>
Fillmore City	2,905.4	621.4	0.0	<b>3,526.8</b>
Hinckley Town Water System	573.3	0.0	0.0	<b>573.3</b>
Holden Town Water System	0.0	481.5	0.0	<b>481.5</b>
Kanosh Town Water System	0.0	564.9	0.0	<b>564.9</b>
Leamington Town Water System	161.4	140.0	0.0	<b>301.4</b>
Lynndyl Town Water System	403.5	0.0	0.0	<b>403.5</b>
Meadow Town Water System	161.4	402.8	0.0	<b>564.2</b>
Oak City Water System	161.4	1,129.9	0.0	<b>1,291.3</b>
Oak Meadows Subdivision	40.4	0.0	0.0	<b>40.4</b>
Scipio Town	242.1	193.7	0.0	<b>435.8</b>
Sunset View Estates Water Co.	322.8	0.0	0.0	<b>322.8</b>
<b>County Totals</b>	<b>8,561.3</b>	<b>3,534.3</b>	<b>0.0</b>	<b>12,095.6</b>

**Table F-5.4 Millard County 2015 Wholesale Potable Sources for Community Water Systems**

Water Supplier	Amount Provided (ac-ft)
There are no wholesale water sources for this county.	
<b>County Totals</b>	<b>0.0</b>

**Table F-6.1 Piute County 2015 Potable Community Water System Use**

Water Supplier	Residential Use (ac-ft)	Second Home Use (ac-ft)	Commercial Use (ac-ft)	Institutional Use (ac-ft)	Industrial Use (ac-ft)	Total Potable Use (ac-ft)	Service Population	Gallons Per Capita Per Day
Circleville Town Water System	135.0	0.0	48.0	0.0	45.7	228.7	570	358
Greenwich Water Assn.*	2.9	0.0	6.0	3.0	0.0	11.9	30	354
Junction Town	23.6	0.0	5.7	0.0	33.7	63.0	200	281
Kingston Town Water System	42.2	0.0	0.0	7.3	5.2	54.7	180	271
Marysvale Town Water System	89.2	0.0	8.5	27.7	3.0	128.4	430	267
<b>County Totals**</b>	<b>292.8</b>	<b>0.0</b>	<b>68.2</b>	<b>38.0</b>	<b>87.6</b>	<b>486.7</b>	<b>1,410</b>	<b>308</b>

\*Estimated data, \*\*County Total GPCD is system weighted



**Table F-6.2 Piute County 2015 Secondary Community Water System Use**

Water Supplier	Residential Use (ac-ft)	Commercial Use (ac-ft)	Institutional Use (ac-ft)	Industrial Use (ac-ft)	Total Secondary Use (ac-ft)	Service Population	Gallons Per Capita Per Day
Circleville Town Water System						570	34
<i>Lost Creek Irrigation Co.*</i>	0.0	0.0	21.7	0.0	21.7		
Greenwich Water Assn.	0.0	0.0	0.0	0.0	0.0	30	0
Junction Town						200	405
<i>City Creek Reservoir &amp; Irrig.Co.*</i>	60.5	0.0	0.0	0.0	60.5		
<i>Junction Canal Co.*</i>	30.3	0.0	0.0	0.0	30.3		
Kingston Town Water System						180	126
<i>Kingston Irrigation Co.*</i>	21.2	0.0	4.3	0.0	25.5		
Marysvale Town Water System	0.0	0.0	0.0	0.0	0.0	430	0
<b>County Totals**</b>	<b>111.9</b>	<b>0.0</b>	<b>26.0</b>	<b>0.0</b>	<b>137.9</b>	<b>1,410</b>	<b>87</b>

\*Estimated data, \*\*County Total GPCD is system weighted

**Table F-6.3 Piute County 2015 Reliable Potable Sources for Community Water Systems**

<b>Water Supplier</b>	<b>Reliable Wells (ac-ft)</b>	<b>Reliable Springs (ac-ft)</b>	<b>Reliable Surface (ac-ft)</b>	<b>Total (ac-ft)</b>
Circleville Town Water System	181.6	43.5	0.0	<b>225.1</b>
Greenwich Water Assn.	0.0	29.8	0.0	<b>29.8</b>
Junction Town	73.6	121.1	0.0	<b>194.6</b>
Kingston Town Water System	80.7	32.3	0.0	<b>113.0</b>
Marysvale Town Water System	33.1	807.1	0.0	<b>840.1</b>
<b>County Totals</b>	<b>368.9</b>	<b>1,033.7</b>	<b>0.0</b>	<b>1,402.6</b>

**Table F-6.4 Piute County 2015 Wholesale Potable Sources for Community Water Systems**

Water Supplier	Amount Provided (ac-ft)
There are no wholesale water sources for this county.	
County Totals	0.0

**Table F-7.1 Sanpete County 2015 Potable Community Water System Use**

Water Supplier	Residential Use (ac-ft)	Second Home Use (ac-ft)	Commercial Use (ac-ft)	Institutional Use (ac-ft)	Industrial Use (ac-ft)	Total Potable Use (ac-ft)	Service Population	Gallons Per Capita Per Day
Axtell Community Service Distribution	92.0	0.0	0.0	0.3	10.7	103.0	230	400
Centerfield Town Water System	175.4	0.0	10.4	80.6	51.6	318.0	1,460	194
Chester Park Water System	9.4	0.0	10.5	0.0	0.0	19.9	180	99
Ephraim City	907.8	0.0	80.1	191.1	3.9	1,182.9	6,470	163
Fairview City Water System	111.3	0.0	9.8	27.9	13.2	162.3	1,310	111
Fayette Town	55.6	0.0	0.0	6.7	1.4	63.7	250	227
Fountain Green	160.8	0.0	2.7	74.9	47.3	285.6	1,140	224
Gunnison City	161.8	0.0	43.0	269.4	0.0	474.1	3,440	123
Manti City	454.2	0.0	55.2	83.1	9.2	601.8	3,430	157
Mayfield Town Water System	43.1	0.0	0.0	0.0	0.0	43.1	520	74
Moroni City	108.4	0.0	2.9	7.2	2.7	121.2	1,480	73
Mount Pleasant City	268.2	0.0	31.6	114.9	0.0	414.7	3,470	107
Palisades Water Co.	12.9	0.0	0.0	0.0	0.0	12.9	30	383
Skyline Mtn. S.S.D.	22.6	0.0	41.6	0.0	0.0	64.2	390	147
Spring City	27.2	0.0	6.6	32.0	0.0	65.7	1,040	56
Sterling Town Water System	26.2	0.0	0.9	0.0	0.0	27.1	280	86
Twin Oaks Local District	9.1	0.0	0.7	4.5	0.0	14.3	70	182
Wales Town Water System	36.4	0.0	0.0	2.8	0.0	39.2	320	109
Whispering Pines Water Co.	7.2	0.0	0.0	0.0	0.0	7.2	70	91
<b>County Totals**</b>	<b>2,689.5</b>	<b>0.0</b>	<b>296.0</b>	<b>895.4</b>	<b>139.9</b>	<b>4,020.8</b>	<b>25,580</b>	<b>140</b>
**County Total GPCD is system weighted								

**Table F-7.2 Sanpete County 2015 Secondary Community Water System Use**

Water Supplier	Residential Use (ac-ft)	Commercial Use (ac-ft)	Institutional Use (ac-ft)	Industrial Use (ac-ft)	Total Secondary Use (ac-ft)	Service Population	Gallons Per Capita Per Day
Axtell Community Service Distribution						230	222
<i>Axtell Irrigation *</i>	57.3	0.0	0.0	0.0	57.3		
Centerfield Town Water System						1,460	407
<i>Gunnison Irrigation Co. *</i>	528.0	0.0	136.9	0.0	664.9		
Chester Park Water System	0.0	0.0	0.0	0.0	0.0	180	0
Ephraim City						6,470	7
<i>Ephraim Irrigation Co. *</i>	53.9	0.0	0.0	0.0	53.9		
Fairview City Water System						1,310	344
<i>City Creek Reservoir &amp; Irrig. Co. *</i>	85.1	0.0	0.0	0.0	85.1		
<i>Cottonwood-Gooseberry Irr. Co. *</i>	308.9	0.0	111.3	0.0	420.2		
Fayette Town						250	77
<i>New Fayette Irrigation Company *</i>	21.6	0.0	0.0	0.0	21.6		
Fountain Green						1,140	363
<i>Fountain Green Irrigation Co. *</i>	408.2	0.0	54.9	0.0	463.1		
Gunnison City						3,440	176
<i>Gunnison Irrigation Co. *</i>	495.9	0.0	181.8	0.0	677.7		
Manti City						3,430	287
<i>Manti Irrigation Co. *</i>	899.2	0.0	203.5	0.0	1,102.7		
Mayfield Town Water System						520	431
<i>Mayfield Irrigation Co. *</i>	205.4	0.0	45.5	0.0	250.9		
Moroni City						1,480	429
<i>Moroni City Presurized Irrigation System *</i>	711.0	0.0	0.0	0.0	711.0		
Mount Pleasant City						3,470	244
<i>Mt. Pleasant City *</i>	816.7	0.0	133.4	0.0	950.1		
Palisades Water Co.	0.0	0.0	0.0	0.0	0.0	30	0
Skyline Mtn. S.S.D.						390	252
<i>Skyline Mtn. Golf Course *</i>	0.0	0.0	109.9	0.0	109.9		
Spring City						1,040	612
<i>Horseshoe Irrigation Co. *</i>	696.1	0.0	16.4	0.0	712.5		
Sterling Town Water System						280	342
<i>North Six Mile Irrigation Co. *</i>	33.9	0.0	14.8	0.0	48.7		
<i>Sterling Irrigation Co. *</i>	33.9	0.0	24.7	0.0	58.6		
Twin Oaks Local District						70	100
<i>Twin Creek Irrigation Co. *</i>	7.8	0.0	0.0	0.0	7.8		
Wales Town Water System						320	77
<i>Wales Irrigation Co. *</i>	22.8	0.0	4.9	0.0	27.7		
Whispering Pines Water Co.	0.0	0.0	0.0	0.0	0.0	70	0
<b>County Totals**</b>	<b>5,385.6</b>	<b>0.0</b>	<b>1,038.0</b>	<b>0.0</b>	<b>6,423.6</b>	<b>25,580</b>	<b>224</b>

\*Estimated data, \*\*County Total GPCD is system weighted

**Table F-7.3 Sanpete County 2015 Reliable Potable Sources for Community Water Systems**

<b>Water Supplier</b>	<b>Reliable Wells (ac-ft)</b>	<b>Reliable Springs (ac-ft)</b>	<b>Reliable Surface (ac-ft)</b>	<b>Total (ac-ft)</b>
Axtell Community Service Distribution	0.0	242.1	0.0	<b>242.1</b>
Centerfield Town Water System	0.0	724.5	0.0	<b>724.5</b>
Chester Park Water System	21.6	0.0	0.0	<b>21.6</b>
Ephraim City	186.3	5,030.5	0.0	<b>5,216.8</b>
Fairview City Water System	427.7	104.9	0.0	<b>532.7</b>
Fayette Town	282.5	0.0	0.0	<b>282.5</b>
Fountain Green	30.0	724.5	0.0	<b>754.5</b>
Gunnison City	801.4	363.2	0.0	<b>1,164.6</b>
Manti City	777.0	2,176.0	0.0	<b>2,953.0</b>
Mayfield Town Water System	153.6	80.0	0.0	<b>233.6</b>
Moroni City	560.9	0.0	0.0	<b>560.9</b>
Mount Pleasant City	842.6	574.6	0.0	<b>1,417.2</b>
Palisades Water Co.	0.0	23.4	0.0	<b>23.4</b>
Skyline Mtn. S.S.D.	175.1	30.0	0.0	<b>205.1</b>
Spring City	193.7	443.9	0.0	<b>637.6</b>
Sterling Town Water System	78.4	88.8	0.0	<b>167.2</b>
Twin Oaks Local District	62.1	0.0	0.0	<b>62.1</b>
Wales Town Water System	0.0	130.4	0.0	<b>130.4</b>
Whispering Pines Water Co.	70.8	0.0	0.0	<b>70.8</b>
<b>County Totals</b>	<b>4,663.7</b>	<b>10,736.7</b>	<b>0.0</b>	<b>15,400.4</b>



**Table F-7.4 Sanpete County 2015 Wholesale Potable Sources for Community Water Systems**

Water Supplier	Amount Provided (ac-ft)
There are no wholesale water sources for this county.	
<b>County Totals</b>	<b>0.0</b>

**Table F-8.1 Sevier County 2015 Potable Community Water System Use**

Water Supplier	Residential Use (ac-ft)	Second Home Use (ac-ft)	Commercial Use (ac-ft)	Institutional Use (ac-ft)	Industrial Use (ac-ft)	Total Potable Use (ac-ft)	Service Population	Gallons Per Capita Per Day
Annabella Town Water System	113.3	0.0	0.0	41.0	0.0	154.4	870	158
Aurora City	95.9	0.0	32.2	61.3	0.0	189.4	1,090	155
Austin S.S.D.	26.0	0.0	2.2	0.0	0.0	28.2	110	229
Brooklyn Tapline Co.,Inc.	44.1	0.0	0.0	0.0	0.0	44.1	120	328
Central Valley Town	164.3	0.0	0.0	47.4	7.6	219.3	560	350
Cove S.S.D.	61.9	0.0	0.0	0.0	42.5	104.4	100	932
Elsinore Town Water System	186.0	0.0	13.1	17.5	0.0	216.6	1,120	173
Glenwood Town Water System	53.4	0.0	0.0	6.5	0.0	59.9	470	114
Joseph Town	99.6	0.0	1.9	3.6	3.9	109.0	400	243
Koosharem	51.7	0.0	5.7	19.2	0.0	76.6	350	195
Lizard Bench Water Assn.	12.5	0.0	0.0	0.0	0.0	12.5	40	278
Monroe City	184.1	0.0	28.4	18.2	2.4	233.2	2,350	89
Redmond Town Water System	130.2	0.0	8.5	112.3	0.0	251.1	760	295
Richfield City	1,361.5	0.0	371.9	902.0	0.0	2,635.4	7,730	304
Salina City Water System	350.5	0.0	108.2	155.0	208.1	821.8	2,580	284
Sigurd Town Water System	62.6	0.0	0.9	1.3	12.0	76.8	450	152
South Monroe Culinary Water Co.	12.8	0.0	0.0	0.0	35.3	48.1	20	2,145
<b>County Totals**</b>	<b>3,010.3</b>	<b>0.0</b>	<b>573.1</b>	<b>1,385.3</b>	<b>311.9</b>	<b>5,280.6</b>	<b>19,120</b>	<b>247</b>
**County Total GPCD is system weighted								

**Table F-8.2 Sevier County 2015 Secondary Community Water System Use**

Water Supplier	Residential Use (ac-ft)	Commercial Use (ac-ft)	Institutional Use (ac-ft)	Industrial Use (ac-ft)	Total Secondary Use (ac-ft)	Service Population	Gallons Per Capita Per Day
Annabella Town Water System						870	166
<i>Annabella Municipal Secondary*</i>	135.6	0.0	26.6	0.0	162.2		
Aurora City						1,090	160
<i>Piute Reservoir &amp; Irrigation Co.*</i>	194.8	0.0	0.0	0.0	194.8		
Austin S.S.D.	0.0	0.0	0.0	0.0	0.0	110	0
Brooklyn Tapline Co.,Inc.	0.0	0.0	0.0	0.0	0.0	120	0
Central Valley Town						560	61
<i>Joseph-Cove Highline Irrigation Co.*</i>	38.5	0.0	0.0	0.0	38.5		
Cove S.S.D.						100	64
<i>Joseph-Cove Highline Irrigation Co.*</i>	7.2	0.0	0.0	0.0	7.2		
Elsinore Town Water System						1,120	18
<i>Elsinore Bench Irrigation Co.*</i>	2.5	0.0	0.0	0.0	2.5		
<i>Elsinore Canal Irrigation Co.*</i>	7.5	0.0	0.0	0.0	7.5		
<i>Richfield Canal Co.*</i>	5.0	0.0	0.0	0.0	5.0		
<i>Sevier Valley Canal Co.*</i>	7.5	0.0	0.0	0.0	7.5		
Glenwood Town Water System						470	254
<i>Glenwood Irrigation Co.*</i>	108.0	0.0	25.5	0.0	133.5		
Joseph Town						400	92
<i>Richfield Irrigation Canal Co.*</i>	30.5	0.0	10.7	0.0	41.2		
Koosharem						350	55
<i>Koosharem Irrigation Co.*</i>	6.5	0.0	0.0	0.0	6.5		
<i>Rosebud Irrigation Co.*</i>	10.8	0.0	4.2	0.0	15.0		
Lizard Bench Water Assn.	0.0	0.0	0.0	0.0	0.0	40	0
Monroe City						2,350	181
<i>Monroe Creek Irrigation Co.*</i>	475.7	0.0	0.0	0.0	475.7		
Redmond Town Water System						760	60
<i>Redmond Lake Irrigation Co.*</i>	25.7	0.0	0.0	0.0	25.7		
<i>Rocky Ford Irrigation Co.*</i>	25.7	0.0	0.0	0.0	25.7		
Richfield City						7,730	85
<i>Sevier Valley Canal Co.*</i>	84.0	0.0	649.3	0.0	733.3		
Salina City Water System						2,580	192
<i>Salina Creek Irrigation Co.*</i>	431.4	0.0	124.3	0.0	555.7		
Sigurd Town Water System	0.0	0.0	0.0	0.0	0.0	450	0
South Monroe Culinary Water Co.	0.0	0.0	0.0	0.0	0.0	20	0
<b>County Totals<sup>++</sup></b>	<b>1,596.9</b>	<b>0.0</b>	<b>840.6</b>	<b>0.0</b>	<b>2,437.5</b>	<b>19,120</b>	<b>114</b>

\*Estimated data, \*\*County Total GPCD is system weighted

**Table F-8.3 Sevier County 2015 Reliable Potable Sources for Community Water Systems**

<b>Water Supplier</b>	<b>Reliable Wells (ac-ft)</b>	<b>Reliable Springs (ac-ft)</b>	<b>Reliable Surface (ac-ft)</b>	<b>Total (ac-ft)</b>
Annabella Town Water System	428.7	353.5	0.0	<b>782.2</b>
Aurora City	343.8	145.3	0.0	<b>489.1</b>
Austin S.S.D.	43.7	72.6	0.0	<b>116.4</b>
Brooklyn Tapline Co., Inc.	0.0	0.0	0.0	<b>0.0</b>
Central Valley Town	157.7	137.2	0.0	<b>294.9</b>
Cove S.S.D.	129.1	0.0	0.0	<b>129.1</b>
Elsinore Town Water System	553.5	129.7	0.0	<b>683.2</b>
Glenwood Town Water System	0.0	181.1	0.0	<b>181.1</b>
Joseph Town	311.2	96.9	0.0	<b>408.0</b>
Koosharem	121.1	113.0	0.0	<b>234.1</b>
Lizard Bench Water Assn.	15.8	0.0	0.0	<b>15.8</b>
Monroe City	724.5	565.1	0.0	<b>1,289.6</b>
Redmond Town Water System	542.6	0.0	0.0	<b>542.6</b>
Richfield City	1,158.4	1,448.9	0.0	<b>2,607.3</b>
Salina City Water System	181.1	1,129.9	0.0	<b>1,311.0</b>
Sigurd Town Water System	201.8	263.1	0.0	<b>464.9</b>
South Monroe Culinary Water Co.	0.0	0.0	0.0	<b>0.0</b>
<b>County Totals</b>	<b>4,912.9</b>	<b>4,636.2</b>	<b>0.0</b>	<b>9,549.1</b>

**Table F-7.4 Sevier County 2015 Wholesale Potable Sources for Community Water Systems**

Water Supplier	Amount Provided (ac-ft)
Elsinore Town Water System	
<i>Brooklyn Tapline Co., Inc.</i>	44.1
Monroe City	
<i>South Monroe Culinary Water Co.</i>	48.1
<b>County Totals</b>	<b>92.2</b>

# **Appendix G**

## **Southeast Colorado River Basin Data Tables**



**Table G-1 Southeast Colorado Basin 2015 Community System Water Data**

County	Garfield		Grand		Kane		San Juan		Basin Total	
Population	930		9,020		770		6,330		17,050	
Potable Water Use	ac-ft/year	GPCD	ac-ft/year	GPCD	ac-ft/year	GPCD	ac-ft/year	GPCD	ac-ft/year	GPCD
Residential	128.5	123	1,554.0	154	182.6	212	798.2	113	2,663.3	139
Commercial	32.6	31	761.7	75	142.4	165	194.8	27	1,131.4	59
Institutional	22.2	21	170.3	17	70.2	81	20.3	3	283.0	15
Industrial	5.8	6	16.4	2	13.8	16	0.0	0	36.0	2
Total Potable <sup>++</sup>	189.1	181	2,502.4	248	409.0	474	1,013.2	143	4,113.7	215
Secondary Water Use	ac-ft/year	GPCD	ac-ft/year	GPCD	ac-ft/year	GPCD	ac-ft/year	GPCD	ac-ft/year	GPCD
Residential	375.6	361	221.8	22	0.0	0	241.4	34	838.8	44
Commercial	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0
Institutional	52.2	50	408.9	40	0.0	0	156.1	22	617.2	32
Industrial	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0
Total Secondary <sup>++</sup>	427.8	411	630.7	62	0.0	0	397.5	56	1,456.0	76
Potable Reliable Supply	ac-ft/year		ac-ft/year		ac-ft/year		ac-ft/year		ac-ft/year	
Springs	777.3		2,078.5		0.0		0.0		2,855.8	
Wells	300.2		3,462.7		1,427.8		698.7		5,889.5	
Surface	0.0		0.0		0.0		4,054.2		4,054.2	
Total Reliable	1,077.6		5,541.2		1,427.8		4,752.9		12,799.5	

<sup>++</sup>Total GPCDs are county weighted

**Table G-2.1 Garfield County 2015 Potable Community Water System Use**

Water Supplier	Residential Use (ac-ft)	Second Home Use (ac-ft)	Commercial Use (ac-ft)	Institutional Use (ac-ft)	Industrial Use (ac-ft)	Total Potable Use (ac-ft)	Service Population	Gallons Per Capita Per Day
Cannonville Town Water System	47.3	0.0	7.7	0.0	5.8	60.8	170	319
Henrieville Town Water System	18.7	0.0	0.0	0.0	0.0	18.7	230	73
Tropic Town Water System	62.5	0.0	24.9	22.2	0.0	109.6	530	185
<b>County Totals**</b>	<b>128.5</b>	<b>0.0</b>	<b>32.6</b>	<b>22.2</b>	<b>5.8</b>	<b>189.1</b>	<b>930</b>	<b>181</b>

\*\*County Total GPCD is system weighted

**Table G-2.2 Garfield County 2015 Secondary Community Water System Use**

Water Supplier	Residential Use (ac-ft)	Commercial Use (ac-ft)	Institutional Use (ac-ft)	Industrial Use (ac-ft)	Total Secondary Use (ac-ft)	Service Population	Gallons Per Capita Per Day
Cannonville Town Water System						170	284
<i>Cannonville Irrigation Company*</i>	54.1	0.0	0.0	0.0	54.1		
Henrieville Town Water System						230	330
<i>Henrieville Irrigation Co.*</i>	85.1	0.0	0.0	0.0	85.1		
Tropic Town Water System						530	486
<i>East Fork Irrigation Co.*</i>	236.4	0.0	52.2	0.0	288.6		
<b>County Totals**</b>	<b>375.6</b>	<b>0.0</b>	<b>52.2</b>	<b>0.0</b>	<b>427.8</b>	<b>930</b>	<b>411</b>

\*Estimated data, \*\*County Total GPCD is system weighted

**Table G-2.3 Garfield County 2015 Reliable Potable Sources for Community Water Systems**

<b>Water Supplier</b>	<b>Reliable Wells (ac-ft)</b>	<b>Reliable Springs (ac-ft)</b>	<b>Reliable Surface (ac-ft)</b>	<b>Total (ac-ft)</b>
Cannonville Town Water System	242.1	161.4	0.0	<b>403.5</b>
Henrieville Town Water System	58.1	16.1	0.0	<b>74.3</b>
Tropic Town Water System	0.0	599.8	0.0	<b>599.8</b>
<b>County Totals</b>	<b>300.2</b>	<b>777.3</b>	<b>0.0</b>	<b>1,077.6</b>

**Table G-2.4 Garfield County 2015 Wholesale Potable Sources for Community Water Systems**

Water Supplier	Amount Provided (ac-ft)
There are no wholesale water sources for this county.	
<b>County Totals</b>	<b>0.0</b>

**Table G-3.1 Grand County 2015 Potable Community Water System Use**

Water Supplier	Residential Use (ac-ft)	Second Home Use (ac-ft)	Commercial Use (ac-ft)	Institutional Use (ac-ft)	Industrial Use (ac-ft)	Total Potable Use (ac-ft)	Service Population	Gallons Per Capita Per Day
Day Star Adventist Academy*	3.5	0.0	0.0	3.0	1.0	7.5	30	223
Grand Water and Sewer Agency	693.6	0.0	92.5	35.5	15.4	837.0	3,560	210
Moab City	857.0	0.0	669.2	131.8	0.0	1,658.0	5,430	273
<b>County Totals**</b>	<b>1,554.0</b>	<b>0.0</b>	<b>761.7</b>	<b>170.3</b>	<b>16.4</b>	<b>2,502.4</b>	<b>9,020</b>	<b>248</b>

\*Estimated data, \*\*County Total GPCD is system weighted

**Table G-3.2 Grand County 2015 Secondary Community Water System Use**

Water Supplier	Residential Use (ac-ft)	Commercial Use (ac-ft)	Institutional Use (ac-ft)	Industrial Use (ac-ft)	Total Secondary Use (ac-ft)	Service Population	Gallons Per Capita Per Day
Day Star Adventist Academy	0.0	0.0	0.0	0.0	0.0	30	0
Grand Water and Sewer Agency						3,560	147
Grand County WCD*	176.3	0.0	408.9	0.0	585.2		
Moab City						5,430	7
Moab Irrigation Co. *	45.5	0.0	0.0	0.0	45.5		
<b>County Totals**</b>	<b>221.8</b>	<b>0.0</b>	<b>408.9</b>	<b>0.0</b>	<b>630.7</b>	<b>9,020</b>	<b>62</b>

\*Estimated data, \*\*County Total GPCD is system weighted

**Table G-3.3 Grand County 2015 Reliable Potable Sources for Community Water Systems**

Water Supplier	Reliable Wells (ac-ft)	Reliable Springs (ac-ft)	Reliable Surface (ac-ft)	Total (ac-ft)
Day Star Adventist Academy	24.2	0.0	0.0	24.2
Grand Water and Sewer Agency	1,671.9	0.0	0.0	1,671.9
Moab City	1,766.7	2,078.5	0.0	3,845.1
<b>County Totals</b>	<b>3,462.7</b>	<b>2,078.5</b>	<b>0.0</b>	<b>5,541.2</b>

**Table G-3.4 Grand County 2015 Wholesale Potable Sources for Community Water Systems**

Water Supplier	Amount Provided (ac-ft)
There are no wholesale water sources for this county.	
<b>County Totals</b>	<b>0.0</b>



**Table G-4.1 Kane County 2015 Potable Community Water System Use**

Water Supplier	Residential Use (ac-ft)	Second Home Use (ac-ft)	Commercial Use (ac-ft)	Institutional Use (ac-ft)	Industrial Use (ac-ft)	Total Potable Use (ac-ft)	Service Population	Gallons Per Capita Per Day
Church Wells S.S.D.	28.0	0.0	3.0	0.0	0.0	31.0	90	307
Glen Canyon NRA - Bullfrog	55.2	0.0	130.3	51.5	0.0	237.0	150	1,411
Glen Canyon S.S.D. #1	89.9	0.0	7.6	18.7	13.8	130.0	500	232
New Paria Subdivision	9.5	0.0	1.6	0.0	0.0	11.1	30	330
<b>County Totals**</b>	<b>182.6</b>	<b>0.0</b>	<b>142.4</b>	<b>70.2</b>	<b>13.8</b>	<b>409.0</b>	<b>770</b>	<b>474</b>
**County Total GPCD is system weighted								

**Table G-4.2 Kane County 2015 Secondary Community Water System Use**

Water Supplier	Residential Use (ac-ft)	Commercial Use (ac-ft)	Institutional Use (ac-ft)	Industrial Use (ac-ft)	Total Secondary Use (ac-ft)	Service Population	Gallons Per Capita Per Day
Church Wells S.S.D.	0.0	0.0	0.0	0.0	0.0	90	0
Glen Canyon NRA - Bullfrog	0.0	0.0	0.0	0.0	0.0	150	0
Glen Canyon S.S.D. #1	0.0	0.0	0.0	0.0	0.0	500	0
New Paria Subdivision	0.0	0.0	0.0	0.0	0.0	30	0
<b>County Totals**</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>770</b>	<b>0</b>
**County Total GPCD is system weighted							

**Table G-4.3 Kane County 2015 Reliable Potable Sources for Community Water Systems**

Water Supplier	Reliable Wells (ac-ft)	Reliable Springs (ac-ft)	Reliable Surface (ac-ft)	Total (ac-ft)
Church Wells S.S.D.	221.9	0.0	0.0	221.9
Glen Canyon NRA - Bullfrog	468.1	0.0	0.0	468.1
Glen Canyon S.S.D. #1	686.0	0.0	0.0	686.0
New Paria Subdivision	51.8	0.0	0.0	51.8
<b>County Totals</b>	<b>1,427.8</b>	<b>0.0</b>	<b>0.0</b>	<b>1,427.8</b>

**Table G-4.4 Kane County 2015 Wholesale Potable Sources for Community Water Systems**

Water Supplier	Amount Provided (ac-ft)
There are no wholesale water sources for this county.	
<b>County Totals</b>	<b>0.0</b>

**Table G-5.1 San Juan County 2015 Potable Community Water System Use**

Water Supplier	Residential Use (ac-ft)	Second Home Use (ac-ft)	Commercial Use (ac-ft)	Institutional Use (ac-ft)	Industrial Use (ac-ft)	Total Potable Use (ac-ft)	Service Population	Gallons Per Capita Per Day
Blanding City	610.5	0.0	54.9	12.2	0.0	677.6	3,680	164
Bluff Water Works Service District*	29.8	0.0	32.9	1.8	0.0	64.5	260	221
Eastland S.S.D.	13.5	0.0	0.2	0.0	0.0	13.8	60	205
Glen Canyon NRA - Halls Crossing	8.6	0.0	16.9	5.6	0.0	31.1	30	925
Mexican Hat S.S.D. (San Juan County Service Area #1)*	1.3	0.0	15.2	0.7	0.0	17.2	30	512
Monticello City	114.2	0.0	74.6	0.0	0.0	188.8	2,140	79
Pack Creek Water Co.	7.3	0.0	0.0	0.0	0.0	7.3	20	326
Rockland Ranch	13.0	0.0	0.0	0.0	0.0	13.0	110	106
<b>County Totals**</b>	<b>798.2</b>	<b>0.0</b>	<b>194.8</b>	<b>20.3</b>	<b>0.0</b>	<b>1,013.2</b>	<b>6,330</b>	<b>143</b>

\*Estimated data, \*\*County Total GPCD is system weighted

**Table G-5.2 San Juan County 2015 Secondary Community Water System Use**

Water Supplier	Residential Use (ac-ft)	Commercial Use (ac-ft)	Institutional Use (ac-ft)	Industrial Use (ac-ft)	Total Secondary Use (ac-ft)	Service Population	Gallons Per Capita Per Day
Blanding City						3,680	67
<i>Blanding City</i>	0.0	0.0	104.5	0.0	104.5		
<i>Blanding Individual Irrigation Wells*</i>	169.8	0.0	0.0	0.0	169.8		
Bluff Water Works Service District						260	48
<i>Bluff Individual Irrigation Wells*</i>	14.1	0.0	0.0	0.0	14.1		
Eastland S.S.D.	0.0	0.0	0.0	0.0	0.0	60	0
Glen Canyon NRA - Halls Crossing	0.0	0.0	0.0	0.0	0.0	30	0
Mexican Hat S.S.D. (San Juan County Service Area #1)	0.0	0.0	0.0	0.0	0.0	30	0
Monticello City						2,140	46
<i>Monticello City Secondary System</i>	57.5	0.0	51.6	0.0	109.1		
Pack Creek Water Co.	0.0	0.0	0.0	0.0	0.0	20	0
Rockland Ranch	0.0	0.0	0.0	0.0	0.0	110	0
<b>County Totals**</b>	<b>241.4</b>	<b>0.0</b>	<b>156.1</b>	<b>0.0</b>	<b>397.5</b>	<b>6,330</b>	<b>56</b>

\*Estimated data, \*\*County Total GPCD is system weighted

**Table G-5.3 San Juan County 2015 Reliable Potable Sources for Community Water Systems**

<b>Water Supplier</b>	<b>Reliable Wells (ac-ft)</b>	<b>Reliable Springs (ac-ft)</b>	<b>Reliable Surface (ac-ft)</b>	<b>Total (ac-ft)</b>
Blanding City	201.8	0.0	2,534.2	<b>2,736.0</b>
Bluff Water Works Service District	164.6	0.0	0.0	<b>164.6</b>
Eastland S.S.D.	32.3	0.0	0.0	<b>32.3</b>
Glen Canyon NRA - Halls Crossing	211.5	0.0	0.0	<b>211.5</b>
Mexican Hat S.S.D. (San Juan County Service Area #1)	40.4	0.0	0.0	<b>40.4</b>
Monticello City	0.0	0.0	1,520.0	<b>1,520.0</b>
Pack Creek Water Co.	22.2	0.0	0.0	<b>22.2</b>
Rockland Ranch	25.9	0.0	0.0	<b>25.9</b>
<b>County Totals</b>	<b>698.7</b>	<b>0.0</b>	<b>4,054.2</b>	<b>4,752.9</b>

**Table G-5.4 San Juan County 2015  
Wholesale Potable Sources for Community  
Water Systems**

Water Supplier	Amount Provided (ac-ft)
There are no wholesale water sources for this	
county.	
<b>County Totals</b>	<b>0.0</b>

# **Appendix H**

## **Uintah Basin Data Tables**



**Table H-1 Uintah Basin 2015 Community System Water Data**

County	Daggett		Duchesne		Uintah		Basin Total	
Population	650		19,500		35,690		55,840	
Potable Water Use	ac-ft/year	GPCD	ac-ft/year	GPCD	ac-ft/year	GPCD	ac-ft/year	GPCD
Residential	173.3	238	2,715.7	124	5,836.5	146	8,725.5	139
Commercial	79.4	109	608.3	28	1,004.6	25	1,692.4	27
Institutional	30.0	41	101.8	5	268.2	7	400.1	6
Industrial	1.3	2	1,057.3	48	360.9	9	1,419.5	23
Total Potable <sup>++</sup>	284.0	390	4,483.1	205	7,470.3	187	12,237.4	196
Secondary Water Use	ac-ft/year	GPCD	ac-ft/year	GPCD	ac-ft/year	GPCD	ac-ft/year	GPCD
Residential	78.7	108	1,578.8	72	1,409.6	35	3,067.1	49
Commercial	13.7	19	0.0	0	0.0	0	13.7	0
Institutional	85.0	117	807.5	37	658.7	16	1,551.2	25
Industrial	0.0	0	0.0	0	0.0	0	0.0	0
Total Secondary <sup>++</sup>	177.4	244	2,386.3	109	2,068.3	52	4,631.9	74
Potable Reliable Supply	ac-ft/year		ac-ft/year		ac-ft/year		ac-ft/year	
Springs	39.3		724.9		8,924.7		9,688.9	
Wells	728.8		4,002.2		183.9		4,914.8	
Surface	692.2		20,249.8		16,554.0		37,496.0	
Total Reliable	1,460.3		24,976.9		25,662.5		52,099.7	

<sup>++</sup>Total GPCDs are county weighted

**Table H-2.1 Daggett County 2015 Potable Community Water System Use**

Water Supplier	Residential Use (ac-ft)	Second Home Use (ac-ft)	Commercial Use (ac-ft)	Institutional Use (ac-ft)	Industrial Use (ac-ft)	Total Potable Use (ac-ft)	Service Population	Gallons Per Capita Per Day
Dutch John Town Water System*	26.3	0.0	14.0	8.4	0.0	48.7	150	290
Greendale Water Co.	12.7	0.0	11.5	0.0	0.0	24.1	100	215
Manila Town Water System	130.7	0.0	53.9	21.6	0.0	206.3	380	485
Questar - Clay Basin Camp	3.7	0.0	0.0	0.0	1.3	5.0	20	221
<b>County Totals**</b>	<b>173.3</b>	<b>0.0</b>	<b>79.4</b>	<b>30.0</b>	<b>1.3</b>	<b>284.0</b>	<b>650</b>	<b>390</b>

\*Estimated data, \*\*County Total GPCD is system weighted

**Table H-2.2 Daggett County 2015 Secondary Community Water System Use**

Water Supplier	Residential Use (ac-ft)	Commercial Use (ac-ft)	Institutional Use (ac-ft)	Industrial Use (ac-ft)	Total Secondary Use (ac-ft)	Service Population	Gallons Per Capita Per Day
Dutch John Town Water System	0.0	0.0	0.0	0.0	0.0	150	0
Greendale Water Co.						100	476
<i>Greendale Canal Company*</i>	20.6	13.7	19.1	0.0	53.3		
Manila Town Water System						380	288
<i>Manila Irrigation*</i>	56.9	0.0	65.9	0.0	122.8		
Questar - Clay Basin Camp						20	56
<i>Clay Basin Irrigation*</i>	1.3	0.0	0.0	0.0	1.3		
<b>County Totals**</b>	<b>78.7</b>	<b>13.7</b>	<b>85.0</b>	<b>0.0</b>	<b>177.4</b>	<b>650</b>	<b>244</b>

\*Estimated data, \*\*County Total GPCD is system weighted

**Table H-2.3 Daggett County 2015 Reliable Potable Sources for Community Water Systems**

Water Supplier	Reliable Wells (ac-ft)	Reliable Springs (ac-ft)	Reliable Surface (ac-ft)	Total (ac-ft)
Dutch John Town Water System	0.0	0.0	645.0	645.0
Greendale Water Co.	0.0	24.1	47.2	71.3
Manila Town Water System	717.5	0.0	0.0	717.5
Questar - Clay Basin Camp	11.3	15.2	0.0	26.5
County Totals	728.8	39.3	692.2	1,460.3

**Table H-2.4 Daggett County 2015 Wholesale Potable Sources for Community Water Systems**

Water Supplier	Amount Provided (ac-ft)
There are no wholesale water sources for this county.	
County Totals	0.0

**Table H-3.1 Duchesne County 2015 Potable Community Water System Use**

Water Supplier	Residential Use (ac-ft)	Second Home Use (ac-ft)	Commercial Use (ac-ft)	Institutional Use (ac-ft)	Industrial Use (ac-ft)	Total Potable Use (ac-ft)	Service Population	Gallons Per Capita Per Day
Cedarview Montwell S.S.D.	6.9	0.0	4.6	0.0	0.0	11.5	1,000	10
Central Utah WCD - Duchesne Valley	0.0	0.0	0.0	0.0	0.0	0.0	0	0
Duchesne County Upper Country W.I.D.	313.6	0.0	43.2	8.1	82.7	447.6	2,370	169
Duchesne County WCD	0.0	0.0	0.0	0.0	0.0	0.0	0	0
Duchesne Water System	221.2	0.0	366.5	80.0	0.0	667.7	2,430	245
East Duchesne Culinary W.I.D.*	162.8	0.0	98.2	0.1	182.8	443.9	1,030	385
Fruitland Water S.S.D.*	153.6	0.0	1.7	2.7	0.0	158.0	360	392
Hanna Water & Sewer Improvement District*	26.5	0.0	0.7	0.0	27.7	54.8	330	148
Johnson Water District	589.0	0.0	57.6	0.1	761.7	1,408.4	1,940	648
Myton City	130.0	0.0	22.5	0.0	2.5	155.0	670	207
Neola Water and Sewer District	92.1	0.0	0.0	9.8	0.0	101.9	920	99
Roosevelt City Water System	950.5	0.0	4.0	0.0	0.0	954.5	8,070	106
South Duchesne Culinary Water*	8.9	0.0	0.0	0.0	0.0	8.9	80	99
Tabiona Town Water System	60.7	0.0	9.3	1.0	0.0	71.0	300	211
<b>County Totals**</b>	<b>2,715.7</b>	<b>0.0</b>	<b>608.3</b>	<b>101.8</b>	<b>1,057.3</b>	<b>4,483.1</b>	<b>19,500</b>	<b>205</b>
*Estimated data, **County Total GPCD is system weighted								

**Table H-3.2 Duchesne County 2015 Secondary Community Water System Use**

Water Supplier	Residential Use (ac-ft)	Commercial Use (ac-ft)	Institutional Use (ac-ft)	Industrial Use (ac-ft)	Total Secondary Use (ac-ft)	Service Population	Gallons Per Capita Per Day
Cedarview Montwell S.S.D.	0.0	0.0	0.0	0.0	0.0	1,000	0
Central Utah WCD - Duchesne Valley	0.0	0.0	0.0	0.0	0.0	0	0
Duchesne County Upper Country W.I.D.						2,370	130
<i>Altamont*</i>	106.1	0.0	0.0	0.0	106.1		
<i>Moon Lake Water Users*</i>	106.1	0.0	0.0	0.0	106.1		
<i>Ute Tribe Secondary Water*</i>	0.0	0.0	133.2	0.0	133.2		
Duchesne County WCD	0.0	0.0	0.0	0.0	0.0	0	0
Duchesne Water System						2,430	143
<i>North Side Irrigation*</i>	187.9	0.0	6.3	0.0	194.2		
<i>South Side Irrigation*</i>	187.9	0.0	6.3	0.0	194.2		
East Duchesne Culinary W.I.D.	0.0	0.0	0.0	0.0	0.0	1,030	0
Fruitland Water S.S.D.	0.0	0.0	0.0	0.0	0.0	360	0
Hanna Water & Sewer Improvement District						330	74
<i>Tabiona Secondary Water System</i>	27.5	0.0	0.0	0.0	27.5		
Johnson Water District						1,940	67
<i>Johnsnon Water District - Various Suppliers*</i>	144.7	0.0	0.0	0.0	144.7		
Myton City						670	99
<i>Ute Tribe Secondary Water*</i>	74.2	0.0	0.0	0.0	74.2		
Neola Water and Sewer District	0.0	0.0	0.0	0.0	0.0	920	0
Roosevelt City Water System						8,070	143
<i>Roosevelt City*</i>	643.4	0.0	649.2	0.0	1,292.6		
South Duchesne Culinary Water						80	185
<i>East Grouse Creek*</i>	16.6	0.0	0.0	0.0	16.6		
Tabiona Town Water System						300	288
<i>Tabiona Secondary Water System*</i>	84.4	0.0	12.5	0.0	96.9		
<b>County Totals<sup>++</sup></b>	<b>1,578.8</b>	<b>0.0</b>	<b>807.5</b>	<b>0.0</b>	<b>2,386.3</b>	<b>19,500</b>	<b>109</b>

\*Estimated data, \*\*County Total GPCD is system weighted

**Table H-3.3 Duchesne County 2015 Reliable Potable Sources for Community Water Systems**

<b>Water Supplier</b>	<b>Reliable Wells (ac-ft)</b>	<b>Reliable Springs (ac-ft)</b>	<b>Reliable Surface (ac-ft)</b>	<b>Total (ac-ft)</b>
Cedarview Montwell S.S.D.	0.0	0.0	0.0	<b>0.0</b>
Central Utah WCD - Duchesne Valley	0.0	0.0	8,967.3	<b>8,967.3</b>
Duchesne County Upper Country W.I.D.	0.0	315.0	1,098.3	<b>1,413.3</b>
Duchesne County WCD	0.0	0.0	2.0	<b>2.0</b>
Duchesne Water System	0.0	0.0	7,801.5	<b>7,801.5</b>
East Duchesne Culinary W.I.D.	0.0	0.0	346.4	<b>346.4</b>
Fruitland Water S.S.D.	0.0	150.0	75.0	<b>225.0</b>
Hanna Water & Sewer Improvement District	11.3	32.4	0.0	<b>43.6</b>
Johnson Water District	113.0	36.5	0.6	<b>150.1</b>
Myton City	0.0	0.0	0.6	<b>0.6</b>
Neola Water and Sewer District	0.0	120.0	0.1	<b>120.1</b>
Roosevelt City Water System	3,877.9	0.0	1,231.6	<b>5,109.5</b>
South Duchesne Culinary Water	0.0	0.0	726.4	<b>726.4</b>
Tabiona Town Water System	0.0	71.0	0.0	<b>71.0</b>
<b>County Totals</b>	<b>4,002.2</b>	<b>724.9</b>	<b>20,249.8</b>	<b>24,976.9</b>



**Table H-3.4 Duchesne County 2015  
Wholesale Potable Sources for Community  
Water Systems**

<b>Water Supplier</b>	<b>Amount Provided (ac-ft)</b>
Central Utah WCD - Duchesne Valley	
<i>Duchesne Water System</i>	60,682.1
<i>East Duchesne Culinary W.I.D.</i>	97.6
<i>Johnson Water District</i>	1,304.9
<i>Myton City</i>	155.0
Duchesne Water System	
<i>South Duchesne Culinary Water</i>	726.4
East Duchesne Culinary W.I.D.	
<i>Johnson Water District</i>	88.3
Roosevelt City Water System	
<i>Cedarview Montwell S.S.D.</i>	11.5
Uriah Heaps Springs Water System (Ute Tribal System)	
<i>Johnson Water District</i>	19.0
<b>County Totals</b>	<b>63,084.7</b>

**Table H-4.1 Uintah County 2015 Potable Community Water System Use**

Water Supplier	Residential Use (ac-ft)	Second Home Use (ac-ft)	Commercial Use (ac-ft)	Institutional Use (ac-ft)	Industrial Use (ac-ft)	Total Potable Use (ac-ft)	Service Population	Gallons Per Capita Per Day
Ashley Valley Water & Sewer Improvement District	2,992.0	0.0	0.3	2.2	0.0	2,994.4	13,130	204
Ballard Water Improvement District	173.8	0.0	78.0	6.8	10.4	268.9	1,090	220
Central Utah WCD - Ashley Valley	0.0	0.0	0.0	0.0	0.0	0.0	0	0
Jensen Water Improvement District	230.2	0.0	33.8	30.7	46.0	340.7	1,460	208
Johnson Water District - Independence*	39.2	0.0	0.6	0.0	298.0	337.7	140	2,154
Maeser Improvement District	585.1	0.0	61.8	31.4	3.3	681.7	4,160	146
Ouray Park Water Improvement District	91.8	0.0	0.5	0.0	0.0	92.2	260	317
Tridell Lapoint Water Improvement District	187.2	0.0	43.3	81.2	0.0	311.7	1,600	174
Uriah Heaps Springs Water System (Ute Tribal System)*	245.3	0.0	14.0	116.0	3.2	378.5	3,420	99
Vernal City Water System	1,292.2	0.0	772.4	0.0	0.0	2,064.6	10,430	177
<b>County Totals**</b>	<b>5,836.5</b>	<b>0.0</b>	<b>1,004.6</b>	<b>268.2</b>	<b>360.9</b>	<b>7,470.3</b>	<b>35,690</b>	<b>187</b>

\*Estimated data, \*\* County Total GPCD is system weighted

**Table H-4.2 Uintah County 2015 Secondary Community Water System Use**

Water Supplier	Residential Use (ac-ft)	Commercial Use (ac-ft)	Institutional Use (ac-ft)	Industrial Use (ac-ft)	Total Secondary Use (ac-ft)	Service Population	Gallons Per Capita Per Day
Ashley Valley Water & Sewer Improvement District						13,130	53
<i>Ashley Water Users*</i>	778.5	0.0	0.0	0.0	778.5		
Ballard Water Improvement District						1,090	50
<i>Dry Gulch Irrigation*</i>	61.2	0.0	0.0	0.0	61.2		
Central Utah WCD - Ashley Valley	0.0	0.0	0.0	0.0	0.0	0	0
Jensen Water Improvement District	0.0	0.0	0.0	0.0	0.0	1,460	0
Johnson Water District - Independence	0.0	0.0	0.0	0.0	0.0	140	0
Maeser Improvement District						4,160	85
<i>Ashley Water Users*</i>	396.3	0.0	0.0	0.0	396.3		
Ouray Park Water Improvement District	0.0	0.0	0.0	0.0	0.0	260	0
Tridell Lapoint Water Improvement District						1,600	97
<i>Tridell-LaPoint Irrigation Companies*</i>	173.6	0.0	0.0	0.0	173.6		
Uriah Heeps Springs Water System (Ute Tribal System)	0.0	0.0	0.0	0.0	0.0	3,420	0
Vernal City Water System							
<i>Ashley Water Users*</i>	0.0	0.0	658.7	0.0	658.7	10,430	56
<b>County Totals**</b>	<b>1,409.6</b>	<b>0.0</b>	<b>658.7</b>	<b>0.0</b>	<b>2,068.3</b>	<b>35,690</b>	<b>52</b>
*Estimated data, **County Total GPCD is system weighted							

**Table H-4.3 Uintah County 2015 Reliable Potable Sources for Community Water Systems**

<b>Water Supplier</b>	<b>Reliable Wells (ac-ft)</b>	<b>Reliable Springs (ac-ft)</b>	<b>Reliable Surface (ac-ft)</b>	<b>Total (ac-ft)</b>
Ashley Valley Water & Sewer Improvement District	0.0	3,499.2	2,000.0	<b>5,499.2</b>
Ballard Water Improvement District	0.0	0.0	0.0	<b>0.0</b>
Central Utah WCD - Ashley Valley	0.0	2,322.4	6,725.5	<b>9,047.9</b>
Jensen Water Improvement District	0.0	0.0	0.0	<b>0.0</b>
Johnson Water District - Independence	0.0	0.0	0.0	<b>0.0</b>
Maeser Improvement District	163.8	684.2	0.0	<b>848.0</b>
Ouray Park Water Improvement District	0.0	0.0	0.0	<b>0.0</b>
Tridell Lapoint Water Improvement District	0.0	0.0	724.5	<b>724.5</b>
Uriah Heeps Springs Water System (Ute Tribal System)	20.0	2,419.0	378.5	<b>2,817.5</b>
Vernal City Water System	0.0	0.0	6,725.5	<b>6,725.5</b>
<b>County Totals</b>	<b>183.9</b>	<b>8,924.7</b>	<b>16,554.0</b>	<b>25,662.5</b>

**Table H-4.4 Uintah County 2015 Wholesale Potable Sources for Community Water Systems**

<b>Water Supplier</b>	<b>Amount Provided (ac-ft)</b>
Ashley Valley Water & Sewer Improvement District	
<i>Jensen Water Improvement District</i>	338.2
<i>Vernal City Water System</i>	2,834.6
Uriah Heeps Springs Water System (Ute Tribal System)	
<i>Ballard Water Improvement District</i>	295.9
<i>Johnson Water District - Independence</i>	355.0
<i>Ouray Park Water Improvement District</i>	92.2
<b>County Totals</b>	<b>3,916.0</b>

# **Appendix I**

## **Utah Lake Basin Data Tables**



**Table I-1 Utah Lake Basin 2015 Community System Water Data**

County	Juab		Summit		Utah		Wasatch		Basin Total	
Population	8,310		1,550		565,230		28,310		603,400	
Potable Water Use	ac-ft/year	GPCD	ac-ft/year	GPCD	ac-ft/year	GPCD	ac-ft/year	GPCD	ac-ft/year	GPCD
Residential	1,391.5	149	331.5	191	56,848.9	90	4,824.7	152	63,396.6	94
Commercial	312.6	34	2.6	1	18,713.9	30	1,035.8	33	20,064.9	30
Institutional	347.0	37	15.8	9	5,993.6	9	173.0	5	6,529.4	10
Industrial	166.6	18	0.0	0	1,966.8	3	0.0	0	2,133.4	3
Total Potable <sup>++</sup>	2,217.7	238	349.9	202	83,523.2	132	6,033.5	190	92,124.3	136
Secondary Water Use	ac-ft/year	GPCD	ac-ft/year	GPCD	ac-ft/year	GPCD	ac-ft/year	GPCD	ac-ft/year	GPCD
Residential	939.7	101	102.7	59	41,575.8	66	4,588.3	145	47,206.5	70
Commercial	0.0	0	0.0	0	2,352.0	4	0.0	0	2,352.0	3
Institutional	290.0	31	7.1	4	10,650.1	17	0.0	0	10,947.2	16
Industrial	0.0	0	0.0	0	22.0	0	0.0	0	22.0	0
Total Secondary <sup>++</sup>	1,229.7	132	109.7	63	54,599.9	86	4,588.3	145	60,527.7	90
Potable Reliable Supply	ac-ft/year		ac-ft/year		ac-ft/year		ac-ft/year		ac-ft/year	
Springs	3,454.2		152.0		50,274.9		3,871.8		57,752.9	
Wells	3,152.3		234.1		145,138.2		4,358.7		152,883.2	
Surface	0.0		0.0		37,031.0		11,970.4		49,001.4	
Total Reliable	6,606.5		386.2		232,444.0		20,200.9		259,637.5	

<sup>++</sup>Total GPCDs are county weighted

**Table I-2.1 Juab County 2015 Potable Community Water System Use**

Water Supplier	Residential Use (ac-ft)	Second Home Use (ac-ft)	Commercial Use (ac-ft)	Institutional Use (ac-ft)	Industrial Use (ac-ft)	Total Potable Use (ac-ft)	Service Population	Gallons Per Capita Per Day
Mona Town Water System	176.7	0.0	2.2	36.8	0.0	215.7	1,690	114
Nephi City	1,154.8	0.0	309.0	306.6	166.6	1,937.1	5,830	297
Rocky Ridge Town Water System	60.0	0.0	1.3	3.6	0.0	64.9	790	73
<b>County Totals<sup>++</sup></b>	<b>1,391.5</b>	<b>0.0</b>	<b>312.6</b>	<b>347.0</b>	<b>166.6</b>	<b>2,217.7</b>	<b>8,310</b>	<b>238</b>
<sup>++</sup> County Total GPCD is system weighted								

**Table I-2.2 Juab County 2015 Secondary Community Water System Use**

Water Supplier	Residential Use (ac-ft)	Commercial Use (ac-ft)	Institutional Use (ac-ft)	Industrial Use (ac-ft)	Total Secondary Use (ac-ft)	Service Population	Gallons Per Capita Per Day
Mona Town Water System						1,690	254
<i>Mona Irrigation Co.*</i>	480.7	0.0	0.0	0.0	480.7		
Nephi City						5,830	115
<i>Nephi Irrigation Co.*</i>	459.0	0.0	290.0	0.0	749.0		
Rocky Ridge Town Water System	0.0	0.0	0.0	0.0	0.0	790	0
County Totals**	939.7	0.0	290.0	0.0	1,229.7	8,310	132
*Estimated data, **County Total GPCD is system weighted							

**Table I-2.3 Juab County 2015 Reliable Potable Sources for Community Water Systems**

Water Supplier	Reliable Wells (ac-ft)	Reliable Springs (ac-ft)	Reliable Surface (ac-ft)	Total (ac-ft)
Mona Town Water System	203.6	387.4	0.0	591.0
Nephi City	2,824.7	3,066.8	0.0	5,891.5
Rocky Ridge Town Water System	124.0	0.0	0.0	124.0
<b>County Totals</b>	<b>3,152.3</b>	<b>3,454.2</b>	<b>0.0</b>	<b>6,606.5</b>

**Table I-2.4 Juab County 2015 Wholesale Potable Sources for Community Water Systems**

Water Supplier	Amount Provided (ac-ft)
There are no wholesale water sources for this county.	
<b>County Totals</b>	<b>0.0</b>

**Table I-3.1 Summit County 2015 Potable Community Water System Use**

Water Supplier	Residential Use (ac-ft)	Second Home Use (ac-ft)	Commercial Use (ac-ft)	Institutional Use (ac-ft)	Industrial Use (ac-ft)	Total Potable Use (ac-ft)	Service Population	Gallons Per Capita Per Day
Francis Town Water System	262.9	13.4	2.6	14.5	0.0	293.3	1,280	205
Woodland Mutual Water Co.	55.2	0.0	0.0	1.3	0.0	56.6	270	187
<b>County Totals**</b>	<b>318.1</b>	<b>13.4</b>	<b>2.6</b>	<b>15.8</b>	<b>0.0</b>	<b>349.9</b>	<b>1,550</b>	<b>202</b>

\*\*County Total GPCD is system weighted

**Table I-3.2 Summit County 2015 Secondary Community Water System Use**

Water Supplier	Residential Use (ac-ft)	Commercial Use (ac-ft)	Institutional Use (ac-ft)	Industrial Use (ac-ft)	Total Secondary Use (ac-ft)	Service Population	Gallons Per Capita Per Day
Francis Town Water System						1,280	77
<i>Beaver-Shingle Creek Irrig. Co. *</i>	25.7	0.0	0.0	0.0	25.7		
<i>South Kamas Irrigation Co. *</i>	25.7	0.0	0.0	0.0	25.7		
<i>Washington Irrigation Co. *</i>	51.3	0.0	7.1	0.0	58.4		
Woodland Mutual Water Co.	0.0	0.0	0.0	0.0	0.0	270	0
<b>County Totals**</b>	<b>102.7</b>	<b>0.0</b>	<b>7.1</b>	<b>0.0</b>	<b>109.7</b>	<b>1,550</b>	<b>63</b>

\*Estimated data, \*\*County Total GPCD is system weighted

**Table I-3.3 Summit County 2015 Reliable Potable Sources for Community Water Systems**

Water Supplier	Reliable Wells (ac-ft)	Reliable Springs (ac-ft)	Reliable Surface (ac-ft)	Total (ac-ft)
Francis Town Water System	185.6	103.5	0.0	289.2
Woodland Mutual Water Co.	48.5	48.5	0.0	97.0
<b>County Totals</b>	<b>234.1</b>	<b>152.0</b>	<b>0.0</b>	<b>386.2</b>

**Table I-3.4 Summit County 2015 Wholesale Potable Sources for Community Water Systems**

Water Supplier	Amount Provided (ac-ft)
There are no wholesale water sources for this county.	
<b>County Totals</b>	<b>0.0</b>

**Table I-4.1 Utah County 2015 Potable Community Water System Use**

Water Supplier	Residential Use (ac-ft)	Second Home Use (ac-ft)	Commercial Use (ac-ft)	Institutional Use (ac-ft)	Industrial Use (ac-ft)	Total Potable Use (ac-ft)	Service Population	Gallons Per Capita Per Day
Alpine City	745.3	0.0	10.0	0.0	0.0	755.3	10,100	67
Alpine Cove Water S.S.D.	81.8	0.0	0.0	0.0	0.0	81.8	340	215
American Fork City	1,750.5	0.0	1,548.3	155.4	1.1	3,455.3	29,390	105
Bradford Acres Water Assn.	8.3	0.0	0.0	0.0	0.0	8.3	70	105
Cedar Fort Water System	156.8	0.0	0.7	10.2	0.5	168.2	660	228
Cedar Hills Town Water System	522.2	0.0	51.1	4.9	0.0	578.3	9,930	52
Central Utah WCD - Utah Valley	0.0	0.0	0.0	0.0	0.0	0.0	0	89
Covered Bridge Canyon HOA	38.9	0.0	0.0	0.0	0.0	38.9	370	94
Deseret Feedlot*	0.0	0.0	0.0	0.0	150.0	150.0	30	4,464
Eagle Mountain City	3,809.0	0.0	228.4	416.0	30.8	4,484.2	26,840	149
Eagle's Landing	8.8	0.0	0.0	0.0	0.0	8.8	40	197
Elberta	67.9	0.0	0.0	15.7	0.0	83.6	400	186
Elk Ridge Town	787.2	0.0	0.0	239.2	0.0	1,026.3	3,090	297
Fairfield Culinary Water System	4.2	0.0	0.2	0.3	0.0	4.7	340	12
Genola City	199.5	0.0	0.0	32.6	56.7	288.9	2,550	101
Goosenest Water Co.	39.0	0.0	0.0	24.2	0.0	63.2	60	940
Goshen Town Water System	215.8	0.0	0.0	19.0	0.0	234.8	1,020	206
Hidden Creek Water Co.	19.5	0.0	0.0	0.0	0.0	19.5	180	96
Highland City	1,061.0	0.0	51.4	15.2	3.3	1,130.9	16,570	61
Lehi City	2,880.2	0.0	721.1	55.7	65.7	3,722.6	55,090	60
Lindon City	745.2	0.0	180.9	12.9	125.7	1,064.7	10,800	88
Maple Lake Academy	0.0	0.0	0.0	0.8	0.0	0.8	20	36
Mapleton City	1,638.7	0.0	4.1	102.4	0.0	1,745.2	9,280	168
North Fork S.S.D.	184.6	0.0	121.5	0.0	0.0	306.1	220	1,242
Orem City Water System	14,797.2	0.0	4,745.4	2,487.8	0.0	22,030.4	92,640	212
Payson City Water System	1,198.5	0.0	298.1	421.4	868.2	2,786.1	20,320	122
Pleasant Grove City	2,166.9	0.0	398.5	57.5	0.0	2,622.9	30,510	77
Provo City	13,342.4	0.0	8,216.2	491.4	78.2	22,128.2	117,540	168
Salem City	503.4	0.0	93.4	0.0	0.0	596.8	8,800	61
Santaquin City	621.1	0.0	53.2	26.0	37.4	737.7	13,240	50
Saratoga Springs City	1,174.4	0.0	38.4	22.7	0.4	1,235.9	25,240	44
Spanish Fork City	2,085.9	0.0	247.7	430.7	148.7	2,912.9	39,090	67
Spring Lake	65.4	0.0	3.0	3.0	7.0	78.4	680	103
Springdell Plat A and B*	16.4	0.0	0.0	1.5	0.0	17.9	140	114
Springville City	5,079.8	0.0	1,702.3	884.6	393.0	8,059.7	32,950	218
Utah State Hospital	0.0	0.0	0.0	51.6	0.0	51.6	560	82
Vineyard City	478.9	0.0	0.0	0.0	0.0	478.9	3,500	122
Vivian Park Homeowners	24.6	0.0	0.0	0.0	0.0	24.6	370	59
White Hills Subdivision	54.2	0.0	0.0	8.0	0.0	62.2	640	87
Woodland Hills City	275.9	0.0	0.0	3.1	0.0	279.0	1,620	154
<b>County Totals**</b>	<b>56,848.9</b>	<b>0.0</b>	<b>18,713.9</b>	<b>5,993.6</b>	<b>1,966.8</b>	<b>83,523.2</b>	<b>565,230</b>	<b>132</b>

\*Estimated data, \*\*County Total GPCD is system weighted



**Table I-4.2 Utah County 2015 Secondary Community Water System Use**

Water Supplier	Residential Use (ac-ft)	Commercial Use (ac-ft)	Institutional Use (ac-ft)	Industrial Use (ac-ft)	Total Secondary Use (ac-ft)	Service Population	Gallons Per Capita Per Day
Alpine City						10,100	131
<i>Alpine City</i>	1,231.0	29.0	220.0	0.0	1,480.0		
Alpine Cove Water S.S.D.	0.0	0.0	0.0	0.0	0.0	340	0
American Fork City						29,390	204
<i>American Fork Secondary System*</i>	5,664.6	0.0	1,043.4	0.0	6,708.0		
Bradford Acres Water Assn.	0.0	0.0	0.0	0.0	0.0	70	0
Cedar Fort Water System						660	122
<i>Cedar Fort Irrigation Co</i>	90.0	0.0	0.0	0.0	90.0		
Cedar Hills Town Water System						9,930	155
<i>Cedar Hills Secondary System*</i>	1,389.1	0.0	333.7	0.0	1,722.8		
Central Utah WCD - Utah Valley	0.0	0.0	0.0	0.0	0.0	0	0
Covered Bridge Canyon HOA	0.0	0.0	0.0	0.0	0.0	370	0
Deseret Feedlot	0.0	0.0	0.0	0.0	0.0	30	0
Eagle Mountain City						26,840	19
<i>Ranches Golf Course System*</i>	0.0	0.0	583.4	0.0	583.4		
Eagle's Landing	0.0	0.0	0.0	0.0	0.0	40	0
Elberta						400	56
<i>Current Creek Irrigation Company</i>	20.0	0.0	5.0	0.0	25.0		
Elk Ridge Town	0.0	0.0	0.0	0.0	0.0	3,090	0
Fairfield Culinary Water System						340	1
<i>Fairfield Irrigation Co. (Secondary System)</i>	0.2	0.0	0.1	0.0	0.3		
Genola City						2,550	133
<i>Strawberry Highline Canal</i>	300.0	0.0	80.0	0.0	380.0		
Goosenest Water Co.	0.0	0.0	0.0	0.0	0.0	60	0
Goshen Town Water System						1,020	73
<i>Goshen Irrigation Co*</i>	83.1	0.0	0.0	0.0	83.1		
Hidden Creek Water Co.	0.0	0.0	0.0	0.0	0.0	180	0
Highland City						16,570	233
<i>Alpine Country Club*</i>	0.0	0.0	596.2	0.0	596.2		
<i>Highland City Secondary System*</i>	3,302.2	0.0	432.7	0.0	3,734.9		
Lehi City						55,090	178
<i>Lehi City Secondary System</i>	7,342.0	986.0	2,630.0	22.0	10,980.0		
Lindon City						10,800	308
<i>Lindon Secondary System</i>	2,798.0	373.0	560.0	0.0	3,731.0		
Maple Lake Academy	0.0	0.0	0.0	0.0	0.0	20	0
Mapleton City						9,280	78
<i>Mapleton Secondary Water System</i>	813.3	0.0	0.0	0.0	813.3		
North Fork S.S.D.	0.0	0.0	0.0	0.0	0.0	220	0
Orem City Water System						92,640	4
<i>Orem City Secondary Water</i>	262.0	188.0	0.0	0.0	450.0		

\*Estimated Data

Table continued on next page

**Table I-4.2 (Continued) Utah County 2015 Secondary Community Water System Use**

Water Supplier	Residential Use (ac-ft)	Commercial Use (ac-ft)	Institutional Use (ac-ft)	Industrial Use (ac-ft)	Total Secondary Use (ac-ft)	Service Population	Gallons Per Capita Per Day
Payson City Water System						20,320	184
<i>Payson City Secondary System *</i>	3,382.0	0.0	811.1	0.0	4,193.1		
Pleasant Grove City						30,510	155
<i>Pleasant Grove Individual Secondary Wells *</i>	57.4	0.0	0.0	0.0	57.4		
<i>Pleasant Grove Irrigation Co *</i>	344.4	0.0	0.0	0.0	344.4		
<i>Pleasant Grove Secondary System *</i>	4,880.1	0.0	0.0	0.0	4,880.1		
Provo City						117,540	9
<i>Brown Ditch *</i>	8.7	0.0	0.0	0.0	8.7		
<i>Provo Bench Canal *</i>	8.7	0.0	0.0	0.0	8.7		
<i>Timpanogos Canal *</i>	8.7	0.0	0.0	0.0	8.7		
<i>East Bay Golf Course System *</i>	0.0	0.0	505.0	0.0	505.0		
<i>East River Bottom *</i>	8.7	0.0	0.0	0.0	8.7		
<i>Grandview West Union *</i>	8.7	0.0	0.0	0.0	8.7		
<i>Lake Bottom *</i>	8.7	0.0	0.0	0.0	8.7		
<i>Little Dry Creek *</i>	8.7	0.0	0.0	0.0	8.7		
<i>Riverside Golf Course System *</i>	0.0	0.0	555.9	0.0	555.9		
<i>Smith Ditch *</i>	8.7	0.0	0.0	0.0	8.7		
<i>Upper East Union *</i>	8.7	0.0	0.0	0.0	8.7		
<i>West Smith Ditch *</i>	8.7	0.0	0.0	0.0	8.7		
Salem City						8,800	178
<i>Salem *</i>	1,756.3	0.0	0.0	0.0	1,756.3		
Santaquin City						13,240	109
<i>Santaquin City Pressurized Irrigation System</i>	1,315.0	0.0	215.0	0.0	1,530.0		
<i>Summit Creek Irrigation and Canal Co *</i>	92.6	0.0	0.0	0.0	92.6		
Saratoga Springs City						25,240	91
<i>Saratoga Springs Secondary System</i>	1,683.1	372.0	520.0	0.0	2,575.1		
Spanish Fork City						39,090	114
<i>Spanish Fork Pressurized Irrigation System</i>	3,449.2	404.0	1,150.6	0.0	5,003.8		
Spring Lake						680	329
<i>Highline Canal Company (ditch) *</i>	139.0	0.0	0.0	0.0	139.0		
<i>Various Spring Lake Systems *</i>	111.4	0.0	0.0	0.0	111.4		
Springdell Plat A and B	0.0	0.0	0.0	0.0	0.0	140	0
Springville City						32,950	31
<i>Springville Irrigation Company</i>	983.0	0.0	148.0	0.0	1,131.0		
Utah State Hospital						560	414
<i>Utah State Hospital Secondary Water</i>	0.0	0.0	260.0	0.0	260.0		
Vineyard City	0.0	0.0	0.0	0.0	0.0	3,500	0
Vivian Park Homeowners	0.0	0.0	0.0	0.0	0.0	370	0
White Hills Subdivision	0.0	0.0	0.0	0.0	0.0	640	0
Woodland Hills City	0.0	0.0	0.0	0.0	0.0	1,620	0
<b>County Totals<sup>++</sup></b>	<b>41,575.8</b>	<b>2,352.0</b>	<b>10,650.1</b>	<b>22.0</b>	<b>54,599.9</b>	<b>565,230</b>	<b>86</b>

\*Estimated data, \*\*County Total GPCD is system weighted

**Table I-4.3 Utah County 2015 Reliable Potable Sources for Community Water Systems**

Water Supplier	Reliable Wells (ac-ft)	Reliable Springs (ac-ft)	Reliable Surface (ac-ft)	Total (ac-ft)
Alpine City	928.1	4,839.4	0.0	5,767.5
Alpine Cove Water S.S.D.	114.6	0.0	0.0	114.6
American Fork City	11,641.8	5,342.9	0.0	16,984.7
Bradford Acres Water Assn.	53.1	0.0	0.0	53.1
Cedar Fort Water System	17.3	362.2	0.0	379.5
Cedar Hills Town Water System	118.7	0.0	0.0	118.7
Central Utah WCD - Utah Valley	42,200.0	0.0	20,476.0	62,676.0
Covered Bridge Canyon HOA	62.0	0.0	0.0	62.0
Eagle Mountain City	4,099.5	0.0	0.0	4,099.5
Eagle's Landing	14.0	0.0	0.0	14.0
Elberta	50.9	0.0	0.0	50.9
Elk Ridge Town	915.0	0.0	0.0	915.0
Fairfield Culinary Water System	0.0	13.5	0.0	13.5
Genola City	435.8	0.0	0.0	435.8
Goosenest Water Co.	48.4	92.0	0.0	140.4
Goshen Town Water System	169.2	520.0	0.0	689.2
Hidden Creek Water Co.	484.2	0.0	0.0	484.2
Highland City	3,631.8	0.0	0.0	3,631.8
Lehi City	3,023.2	610.7	0.0	3,633.9
Lindon City	3,098.7	592.5	0.0	3,691.2
Maple Lake Academy	0.8	0.0	0.0	0.8
Mapleton City	4,055.5	2,182.0	0.0	6,237.5
North Fork S.S.D.	0.0	434.0	0.0	434.0
Orem City Water System	14,914.4	3,454.2	0.0	18,368.6
Payson City Water System	3,954.6	900.0	0.0	4,854.6
Pleasant Grove City	10,569.2	1,528.2	0.0	12,097.4
Provo City	22,510.0	10,070.0	16,555.0	49,135.0
Salem City	3,510.7	915.0	0.0	4,425.7
Santaquin City	2,452.0	1,448.0	0.0	3,900.0
Saratoga Springs City	2,935.0	0.0	0.0	2,935.0
Spanish Fork City	331.9	9,782.6	0.0	10,114.5
Spring Lake	181.6	75.2	0.0	256.8
Springdell Plat A and B	0.0	123.9	0.0	123.9
Springville City	5,710.0	6,063.6	0.0	11,773.6
Utah State Hospital	363.2	890.5	0.0	1,253.7
Vineyard City	0.0	0.0	0.0	0.0
Vivian Park Homeowners	0.0	34.6	0.0	34.6
White Hills Subdivision	2,171.9	0.0	0.0	2,171.9
Woodland Hills City	371.1	0.0	0.0	371.1
<b>County Totals</b>	<b>145,138.2</b>	<b>50,274.9</b>	<b>37,031.0</b>	<b>232,444.0</b>

**Table I-4.4 Utah County 2015 Wholesale Potable Sources for Community Water Systems**

<b>Water Supplier</b>	<b>Amount Provided (ac-ft)</b>
American Fork City	
<i>Cedar Hills Town Water System</i>	792.4
Central Utah WCD - Utah Valley	
<i>Eagle Mountain City</i>	746.6
<i>Lehi City</i>	1,652.0
<i>Lindon City</i>	884.0
<i>Orem City Water System</i>	6,885.0
<i>Vineyard City</i>	94.2
Orem City Water System	
<i>Vineyard City</i>	384.7
Santaquin City	
<i>Genola City</i>	161.3
<b>County Totals</b>	<b>11,600.2</b>

**Table I-5.1 Wasatch County 2015 Potable Community Water System Use**

Water Supplier	Residential Use (ac-ft)	Second Home Use (ac-ft)	Commercial Use (ac-ft)	Institutional Use (ac-ft)	Industrial Use (ac-ft)	Total Potable Use (ac-ft)	Service Population	Gallons Per Capita Per Day
Billy Bethers Water Supply	6.9	0.0	0.0	0.0	0.0	6.9	40	154
Canyon Meadows Mutual Water Co.	10.0	0.0	0.0	6.3	0.0	16.3	110	132
Center Creek Water System	28.3	0.0	0.0	0.0	0.0	28.3	320	79
Charleston WCD	73.2	0.0	62.2	1.0	0.0	136.4	480	254
Country Estates Mobile Home Park	75.2	0.0	0.0	0.0	0.0	75.2	220	305
Daniel Municipal Water	63.0	0.0	0.0	36.9	0.0	99.9	870	102
Heber City Water System	1,486.5	0.0	375.9	67.1	0.0	1,929.5	13,600	127
Hideout Town Water System	45.7	0.0	0.0	0.0	0.0	45.7	650	63
Interlaken Mutual Water Co.	32.3	0.0	0.0	0.0	0.0	32.3	240	120
Jordanelle S.S.D.	1,282.8	0.0	456.9	0.0	0.0	1,739.7	1,710	908
Midway City Water System	920.6	0.0	126.0	39.2	0.0	1,085.7	5,250	185
North Village S.S.D.	42.9	0.0	0.0	0.7	0.0	43.6	400	97
Storm Haven Residents	25.0	0.0	0.0	21.8	0.0	46.8	150	279
Swiss Alpine Water Co.	39.1	0.0	0.0	0.0	0.0	39.1	80	436
Timber Lakes Water S.S.D.	52.4	0.0	0.0	0.0	0.0	52.4	780	60
Twin Creeks S.S.D.	457.1	0.0	8.0	0.0	0.0	465.1	2,980	139
Wallsburg Town Water System	42.1	0.0	6.8	0.0	0.0	48.9	290	151
Wolf Creek Ranch	134.6	0.0	0.0	0.0	0.0	134.6	50	2,403
Woodland South Hills Irrigation	6.9	0.0	0.0	0.0	0.0	6.9	90	68
<b>County Totals**</b>	<b>4,824.7</b>	<b>0.0</b>	<b>1,035.8</b>	<b>173.0</b>	<b>0.0</b>	<b>6,033.4</b>	<b>28,310</b>	<b>190</b>
**County Total GPCD is system weighted								

**Table I-5.2 Wasatch County 2015 Secondary Community Water System Use**

Water Supplier	Residential Use (ac-ft)	Commercial Use (ac-ft)	Institutional Use (ac-ft)	Industrial Use (ac-ft)	Total Secondary Use (ac-ft)	Service Population	Gallons Per Capita Per Day
Billy Bethers Water Supply	14.8	0.0	0.0	0.0	14.8	40	330
Canyon Meadows Mutual Water Co.	0.0	0.0	0.0	0.0	0.0	110	0
Center Creek Water System						320	167
Midway Irrigation Co	60.0	0.0	0.0	0.0	60.0		
Charleston WCD	0.0	0.0	0.0	0.0	0.0	480	0
Country Estates Mobile Home Park	0.0	0.0	0.0	0.0	0.0	220	0
Daniel Municipal Water						870	108
Daniels Irrigation Co*	105.7	0.0	0.0	0.0	105.7		
Heber City Water System						13,600	130
Utah Water Conservancy Project: WET inc. *	1,827.5	0.0	0.0	0.0	1,827.5		
Utah Water Conservancy Project: WET Inc (Ditch)*	156.6	0.0	0.0	0.0	156.6		
Hideout Town Water System	0.0	0.0	0.0	0.0	0.0	650	0
Interlaken Mutual Water Co.	0.0	0.0	0.0	0.0	0.0	240	0
Jordanelle S.S.D.	0.0	0.0	0.0	0.0	0.0	1,710	0
Midway City Water System						5,250	233
Midway Irrigation Co*	1,372.5	0.0	0.0	0.0	1,372.5		
North Village S.S.D.	0.0	0.0	0.0	0.0	0.0	400	0
Storm Haven Residents						150	74
Daniels Irrigation Co*	12.4	0.0	0.0	0.0	12.4		
Swiss Alpine Water Co.	0.0	0.0	0.0	0.0	0.0	80	0
Timber Lakes Water S.S.D.	0.0	0.0	0.0	0.0	0.0	780	0
Twin Creeks S.S.D.						2,980	278
Twin Creeks SSD*	928.5	0.0	0.0	0.0	928.5		
Wallsburg Town Water System						290	302
North Ditch*	14.0	0.0	0.0	0.0	14.0		
Town Ditch*	84.0	0.0	0.0	0.0	84.0		
Wolf Creek Ranch	0.0	0.0	0.0	0.0	0.0	50	0
Woodland South Hills Irrigation						90	122
Woodland South Hills Irrigation Co. ( Secondary System	12.3	0.0	0.0	0.0	12.3		
<b>County Totals**</b>	<b>4,588.3</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>4,588.3</b>	<b>28,310</b>	<b>145</b>

\*Estimated data, \*\*County Total GPCD is system weighted

**Table I-5.3 Wasatch County 2015 Reliable Potable Sources for Community Water Systems**

<b>Water Supplier</b>	<b>Reliable Wells (ac-ft)</b>	<b>Reliable Springs (ac-ft)</b>	<b>Reliable Surface (ac-ft)</b>	<b>Total (ac-ft)</b>
Billy Bethers Water Supply	0.0	38.4	0.0	<b>38.4</b>
Canyon Meadows Mutual Water Co.	0.0	0.0	160.0	<b>160.0</b>
Center Creek Water System	0.0	185.1	0.0	<b>185.1</b>
Charleston WCD	90.5	90.5	0.0	<b>181.0</b>
Country Estates Mobile Home Park	32.3	0.0	0.0	<b>32.3</b>
Daniel Municipal Water	105.2	105.2	0.0	<b>210.3</b>
Heber City Water System	2,541.0	807.1	0.0	<b>3,348.1</b>
Hideout Town Water System	0.0	0.0	0.0	<b>0.0</b>
Interlaken Mutual Water Co.	201.8	0.0	0.0	<b>201.8</b>
Jordanelle S.S.D.	1,003.2	0.0	11,562.7	<b>12,565.9</b>
Midway City Water System	121.1	2,335.6	0.0	<b>2,456.7</b>
North Village S.S.D.	0.0	0.0	0.0	<b>0.0</b>
Storm Haven Residents	44.4	0.0	0.0	<b>44.4</b>
Swiss Alpine Water Co.	0.0	31.2	0.0	<b>31.2</b>
Timber Lakes Water S.S.D.	0.0	192.0	0.0	<b>192.0</b>
Twin Creeks S.S.D.	0.0	0.0	247.7	<b>247.7</b>
Wallsburg Town Water System	29.7	86.8	0.0	<b>116.5</b>
Wolf Creek Ranch	161.4	0.0	0.0	<b>161.4</b>
Woodland South Hills Irrigation	28.3	0.0	0.0	<b>28.3</b>
<b>County Totals</b>	<b>4,358.7</b>	<b>3,871.8</b>	<b>11,970.4</b>	<b>20,200.9</b>



**Table I-5.4 Wasatch County 2015 Wholesale Potable Sources for Community Water Systems**

<b>Water Supplier</b>	<b>Amount Provided (ac-ft)</b>
Jordanelle S.S.D.	
<i>Hideout Town Water System</i>	45.7
<i>North Village S.S.D.</i>	43.6
<i>Twin Creeks S.S.D.</i>	217.4
<b>County Totals</b>	<b>306.8</b>

# **Appendix J**

## **Weber River Basin Data Tables**

**Table J-1 Weber Basin 2015 Community System Water Data**

County	Box Elder		Davis		Morgan		Summit		Weber		Basin Total	
Population	3,340		336,100		8,500		34,930		241,090		623,960	
Potable Water Use	ac-ft/year	GPCD	ac-ft/year	GPCD	ac-ft/year	GPCD	ac-ft/year	GPCD	ac-ft/year	GPCD	ac-ft/year	GPCD
Residential	527.3	141	28,539.3	76	893.3	94	5,895.7	151	18,642.6	69	54,498.2	78
Commercial	50.2	13	7,232.8	19	73.0	8	3,692.7	94	6,209.7	23	17,258.3	25
Institutional	21.1	6	3,232.5	9	40.5	4	401.4	10	1,976.3	7	5,671.8	8
Industrial	0.0	0	1,111.1	3	50.4	5	8.8	0	3,369.9	12	4,540.2	6
Total Potable <sup>++</sup>	598.5	160	40,115.6	107	1,057.2	111	9,998.7	256	30,198.5	112	81,968.5	117
Secondary Water Use	ac-ft/year	GPCD	ac-ft/year	GPCD	ac-ft/year	GPCD	ac-ft/year	GPCD	ac-ft/year	GPCD	ac-ft/year	GPCD
Residential	281.9	75	40,450.2	107	1,023.6	108	1,277.6	33	34,147.0	126	77,180.2	110
Commercial	0.0	0	242.8	1	7.3	1	0.0	0	1,046.7	4	1,296.9	2
Institutional	4.5	1	7,777.0	21	211.4	22	2,233.8	57	3,841.4	14	14,068.1	20
Industrial	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0
Total Secondary <sup>++</sup>	286.4	77	48,470.0	129	1,242.3	130	3,511.4	90	39,035.1	145	92,545.2	132
Potable Reliable Supply	ac-ft/year		ac-ft/year		ac-ft/year		ac-ft/year		ac-ft/year		ac-ft/year	
Springs	309.2		200.4		772.5		3,630.7		4,260.1		9,172.8	
Wells	2,163.0		27,763.9		1,771.0		18,691.9		48,674.2		99,064.1	
Surface	0.0		29,520.8		3,000.0		14,893.9		40,094.2		87,508.9	
Total Reliable	2,472.2		57,485.1		5,543.5		37,216.5		93,028.4		195,745.8	

<sup>++</sup>Total GPCDs are county weighted

**Table J-2.1 Box Elder County 2015 Potable Community Water System Use**

Water Supplier	Residential Use (ac-ft)	Second Home Use (ac-ft)	Commercial Use (ac-ft)	Institutional Use (ac-ft)	Industrial Use (ac-ft)	Total Potable Use (ac-ft)	Service Population	Gallons Per Capita Per Day
Coleman Mobile Home Park	3.7	0.0	0.0	0.0	0.0	3.7	20	163
Five C Mobile Home Park	13.6	0.0	0.0	0.0	0.0	13.6	50	243
Hot Springs Trailer Court	15.4	0.0	0.0	0.0	0.0	15.4	100	137
South Willard (Bear River WCD)	129.1	0.0	31.4	0.0	0.0	160.4	1,300	110
Willard City Water System	365.6	0.0	18.8	21.1	0.0	405.5	1,870	194
<b>County Totals<sup>**</sup></b>	<b>527.3</b>	<b>0.0</b>	<b>50.2</b>	<b>21.1</b>	<b>0.0</b>	<b>598.5</b>	<b>3,340</b>	<b>160</b>

<sup>\*\*</sup>County Total GPCD is system weighted

**Table J-2.2 Box Elder County 2015 Secondary Community Water System Use**

Water Supplier	Residential Use (ac-ft)	Commercial Use (ac-ft)	Institutional Use (ac-ft)	Industrial Use (ac-ft)	Total Secondary Use (ac-ft)	Service Population	Gallons Per Capita Per Day
Coleman Mobile Home Park	0.0	0.0	0.0	0.0	0.0	20	0
Five C Mobile Home Park	0.0	0.0	0.0	0.0	0.0	50	0
Hot Springs Trailer Court	0.0	0.0	0.0	0.0	0.0	100	0
South Willard (Bear River WCD)						1,300	58
<i>Pineview Irrigation Co.*</i>	84.8	0.0	0.0	0.0	84.8		
Willard City Water System						1,870	96
<i>Willard Irrigation Co. (Ditch)*</i>	197.1	0.0	4.5	0.0	201.6		
<b>County Totals<sup>**</sup></b>	<b>281.9</b>	<b>0.0</b>	<b>4.5</b>	<b>0.0</b>	<b>286.4</b>	<b>3,340</b>	<b>77</b>

\*Estimated data, <sup>\*\*</sup>County Total GPCD is system weighted

**Table J-2.3 Box Elder County 2015 Reliable Potable Sources for Community Water Systems**

<b>Water Supplier</b>	<b>Reliable Wells (ac-ft)</b>	<b>Reliable Springs (ac-ft)</b>	<b>Reliable Surface (ac-ft)</b>	<b>Total (ac-ft)</b>
<b>Coleman Mobile Home Park</b>	<b>16.0</b>	<b>0.0</b>	<b>0.0</b>	<b>16.0</b>
<b>Five C Mobile Home Park</b>	<b>18.0</b>	<b>0.0</b>	<b>0.0</b>	<b>18.0</b>
<b>Hot Springs Trailer Court</b>	<b>24.2</b>	<b>0.0</b>	<b>0.0</b>	<b>24.2</b>
<b>South Willard (Bear River WCD)</b>	<b>490.7</b>	<b>147.8</b>	<b>0.0</b>	<b>638.5</b>
<b>Willard City Water System</b>	<b>1,614.1</b>	<b>161.4</b>	<b>0.0</b>	<b>1,775.5</b>
<b>County Totals</b>	<b>2,163.0</b>	<b>309.2</b>	<b>0.0</b>	<b>2,472.2</b>

**Table J-2.4 Box Elder County 2015 Wholesale Potable Sources for Community Water Systems**

Water Supplier	Amount Provided (ac-ft)
South Willard (Bear River WCD)	
<i>Coleman Mobile Home Park</i>	<b>3.7</b>
<i>Hot Springs Trailer Court</i>	<b>15.4</b>
<b>County Totals</b>	<b>19.1</b>

**Table J-3.1 Davis County 2015 Potable Community Water System Use**

Water Supplier	Residential Use (ac-ft)	Second Home Use (ac-ft)	Commercial Use (ac-ft)	Institutional Use (ac-ft)	Industrial Use (ac-ft)	Total Potable Use (ac-ft)	Service Population	Gallons Per Capita Per Day
Bountiful City Water System	3,793.2	0.0	317.1	300.3	82.4	4,493.0	39,300	102
Centerville City Water System	981.5	0.0	291.9	4.8	1.9	1,280.0	17,200	66
Clearfield City Water System	3,180.3	0.0	1,530.7	343.6	0.0	5,054.5	30,570	148
Clinton City Water System	1,227.3	0.0	95.8	191.6	0.0	1,514.7	22,600	60
Farmington City Water System	1,102.3	0.0	280.3	17.9	0.0	1,400.5	20,660	61
Fruit Heights City Water System	418.5	0.0	5.8	0.0	0.0	424.3	5,540	68
Hill Air Force Base	797.5	0.0	0.0	1,481.1	0.0	2,278.7	1,690	1,204
Hooper Water Improvement District (West Point, Davis Co.)	202.0	0.0	0.0	0.0	0.0	202.0	2,890	62
Kaysville City	1,944.0	0.0	297.6	62.4	0.0	2,303.9	30,100	68
Layton Water System	7,847.5	0.0	2,655.3	351.4	0.0	10,854.2	74,910	129
Mutton Hollow Improvement District	136.7	0.0	0.0	0.5	0.0	137.2	890	138
North Salt Lake	2,014.6	0.0	958.2	74.0	938.8	3,985.5	15,550	229
South Davis Water Improvement District	517.0	0.0	86.0	7.0	0.0	610.0	9,000	61
South Weber Water System	527.1	0.0	58.6	0.0	0.0	585.7	6,950	75
Sunset City Water System	617.6	0.0	48.7	94.7	0.0	761.0	5,330	127
Syracuse Water System	1,555.2	0.0	139.3	14.4	1.3	1,710.2	27,480	56
Weber Basin Job Corps*	0.0	0.0	0.0	30.0	0.0	30.0	300	89
Weber Basin WCD -South (Wholesaler)	0.0	0.0	0.0	0.0	0.0	0.0	0	0
West Bountiful Water System	540.1	0.0	205.6	46.0	27.6	819.4	5,920	124
West Point Water System	503.3	0.0	32.5	0.0	0.0	535.8	8,340	57
Woods Cross Water System	633.6	0.0	229.4	212.8	59.2	1,134.9	10,880	93
<b>County Totals**</b>	<b>28,539.3</b>	<b>0.0</b>	<b>7,232.8</b>	<b>3,232.5</b>	<b>1,111.1</b>	<b>40,115.6</b>	<b>336,100</b>	<b>107</b>

\*Estimated data, \*\*County Total GPCD is system weighted



**Table J-3.2 Davis County 2015 Secondary Community Water System Use**

Water Supplier	Residential Use (ac-ft)	Commercial Use (ac-ft)	Institutional Use (ac-ft)	Industrial Use (ac-ft)	Total Secondary Use (ac-ft)	Service Population	Gallons Per Capita Per Day
Bountiful City Water System						39,300	125
<i>Bountiful Water Subconservancy Dist. *</i>	4,121.6	37.1	653.4	0.0	4,812.1		
<i>Deuel Creek Irrigation*</i>	294.4	0.0	0.0	0.0	294.4		
<i>South Davis Water Improvement District*</i>	294.4	0.0	92.8	0.0	387.2		
Centerville City Water System						17,200	151
<i>Deuel Creek Irrigation*</i>	2,216.6	20.5	102.2	0.0	2,339.3		
<i>WBWCD - Centerville Service Area*</i>	443.3	20.5	102.2	0.0	566.0		
Clearfield City Water System						30,570	10
<i>Central Clearfield Irrigation Co. *</i>	25.6	0.0	0.0	0.0	25.6		
<i>Central Clearfield Irrigation Co. *</i>	25.6	0.0	0.0	0.0	25.6		
<i>Clearfield Irrigation Co (Ditch).*</i>	51.2	0.0	0.0	0.0	51.2		
<i>Home and Garden Irrigation *</i>	25.6	0.0	0.0	0.0	25.6		
<i>Layton Ditch (Ditch)*</i>	51.2	0.0	0.0	0.0	51.2		
<i>South Clearfield Pipeline (Ditch)*</i>	51.2	0.0	0.0	0.0	51.2		
<i>Terrace Irrigation Co.*</i>	25.6	0.0	0.0	0.0	25.6		
<i>West Branch Irrigation Co. (Ditch)*</i>	51.2	0.0	0.0	0.0	51.2		
<i>West Layton Irrigation Co. (Ditch)*</i>	51.2	0.0	0.0	0.0	51.2		
Clinton City Water System						22,600	169
<i>Davis and Weber Canal Co. *</i>	3,692.0	0.0	597.6	0.0	4,289.6		
Farmington City Water System						20,660	188
<i>Benchland Water District*</i>	3,775.6	0.0	584.1	0.0	4,359.7		
Fruit Heights City Water System						5,540	330
<i>Benchland Water District*</i>	173.4	0.0	0.0	0.0	173.4		
<i>Fruit Heights City System*</i>	43.4	0.0	0.0	0.0	43.4		
<i>Hights Creek Irrigation Co. *</i>	1,228.8	11.0	594.0	0.0	1,833.8		
Hill Air Force Base						1,690	200
<i>WBWCD - Hill Air Force Base</i>	58.6	0.0	320.1	0.0	378.7		
Hooper Water Improvement District (West Point, Davis Co.)						2,890	300
<i>Davis and Weber Canal Co. *</i>	970.4	0.0	0.0	0.0	970.4		
Kaysville City						30,100	196
<i>Benchland Water District*</i>	852.8	0.0	0.0	0.0	852.8		
<i>Davis and Weber Canal Co. *</i>	4,263.9	11.9	458.1	0.0	4,733.9		
<i>Hights Creek Irrigation Co. *</i>	913.7	11.9	15.9	0.0	941.6		
<i>Kaysville Irrigation Co. *</i>	60.9	11.9	19.9	0.0	92.7		
Layton Water System						74,910	64
<i>Davis and Weber Canal Co. *</i>	1,909.5	38.5	0.0	0.0	1,948.0		
<i>Holmes Creek Irrigation Co. *</i>	100.5	0.0	0.0	0.0	100.5		
<i>Kays Creek Irrigation Co. *</i>	1,005.0	0.0	500.0	0.0	1,505.0		
<i>WBWCD - Layton Canal*</i>	1,005.0	38.5	789.3	0.0	1,832.7		
*Estimated Data					Table continued on the next page		

**Table J-3.2 (Continued) Davis County 2015 Secondary Community Water System Use**

Water Supplier	Residential Use (ac-ft)	Commercial Use (ac-ft)	Institutional Use (ac-ft)	Industrial Use (ac-ft)	Total Secondary Use (ac-ft)	Service Population	Gallons Per Capita Per Day
Mutton Hollow Improvement District						890	208
<i>Kaysville Irrigation Co.*</i>	60.6	0.0	0.0	0.0	60.6		
<i>WBWCD*</i>	136.3	0.0	10.6	0.0	146.9		
North Salt Lake						15,550	50
<i>North Salt Lake - Foxboro System</i>	384.1	0.0	96.0	0.0	480.1		
<i>North Salt Lake City Secondary System - Hatch Park*</i>	0.0	0.0	45.9	0.0	45.9		
<i>South Davis Water Improvement District</i>	103.7	0.0	237.9	0.0	341.6		
South Davis Water Improvement District						9,000	146
<i>Bountiful Irrigation Co.*</i>	157.3	0.0	0.0	0.0	157.3		
<i>South Davis Water Improvement District</i>	1,273.0	4.0	40.0	0.0	1,317.0		
South Weber Water System						6,950	132
<i>Davis and Weber Canal Co.*</i>	83.2	0.0	0.0	0.0	83.2		
<i>South Weber Irrigation Co.*</i>	20.8	0.0	0.0	0.0	20.8		
<i>South Weber Water Imp. Dist.*</i>	260.0	0.0	0.0	0.0	260.0		
<i>WBWCD - South Weber Service Area*</i>	624.1	0.0	35.7	0.0	659.8		
Sunset City Water System						5,330	0
<i>Davis and Weber Canal Co. (Ditch)*</i>	2.8	0.0	0.0	0.0	2.8		
Syracuse Water System						27,480	205
<i>Layton Canal &amp; Irrig. Co.*</i>	0.0	0.0	803.3	0.0	803.3		
<i>Syracuse City Secondary System*</i>	4,727.3	24.0	759.7	0.0	5,511.0		
Weber Basin Job Corps	0.0	0.0	0.0	0.0	0.0	300	0
Weber Basin WCD -South (Wholesaler)	0.0	0.0	0.0	0.0	0.0	0	0
West Bountiful Water System						5,920	242
<i>Bountiful Water Subconservancy Dist.*</i>	15.3	0.0	0.0	0.0	15.3		
<i>WBWCD - West Bountiful Service Area*</i>	1,374.8	0.0	43.2	0.0	1,418.0		
<i>WBWCD - West Bountiful Service Area</i>	0.0	0.0	171.6	0.0	171.6		
West Point Water System						8,340	253
<i>Clearfield Irrigation Co (Ditch).*</i>	17.5	0.0	0.0	0.0	17.5		
<i>WBWCD*</i>	1,688.6	0.0	660.3	0.0	2,348.9		
Woods Cross Water System						10,880	147
<i>Bountiful Water Subconservancy Dist.*</i>	18.1	0.0	0.0	0.0	18.1		
<i>WBWCD - Woods Cross Service Area*</i>	1,720.5	12.9	43.2	0.0	1,776.6		
<b>County Totals**</b>	<b>40,450.2</b>	<b>242.8</b>	<b>7,777.0</b>	<b>0.0</b>	<b>48,470.0</b>	<b>336,100</b>	<b>129</b>

\*Estimated data, \*\*County Total GPCD is system weighted

**Table J-3.3 Davis County 2015 Reliable Potable Sources for Community Water Systems**

<b>Water Supplier</b>	<b>Reliable Wells (ac-ft)</b>	<b>Reliable Springs (ac-ft)</b>	<b>Reliable Surface (ac-ft)</b>	<b>Total (ac-ft)</b>
Bountiful City Water System	1,908.2	0.0	2,241.8	<b>4,150.0</b>
Centerville City Water System	1,748.0	0.0	0.0	<b>1,748.0</b>
Clearfield City Water System	1,424.0	0.0	0.0	<b>1,424.0</b>
Clinton City Water System	415.0	0.0	0.0	<b>415.0</b>
Farmington City Water System	3,743.0	0.0	0.0	<b>3,743.0</b>
Fruit Heights City Water System	541.0	0.0	0.0	<b>541.0</b>
Hill Air Force Base	1,475.0	0.0	0.0	<b>1,475.0</b>
Hooper Water Improvement District (West Point, Davis Co.)	413.4	0.0	0.0	<b>413.4</b>
Kaysville City	0.0	0.0	0.0	<b>0.0</b>
Layton Water System	7,557.0	0.0	0.0	<b>7,557.0</b>
Mutton Hollow Improvement District	0.0	0.0	0.0	<b>0.0</b>
North Salt Lake	2,398.7	40.4	0.0	<b>2,439.0</b>
South Davis Water Improvement District	468.0	160.0	0.0	<b>628.0</b>
South Weber Water System	180.8	0.0	0.0	<b>180.8</b>
Sunset City Water System	0.0	0.0	0.0	<b>0.0</b>
Syracuse Water System	1,947.0	0.0	0.0	<b>1,947.0</b>
Weber Basin Job Corps	0.0	0.0	0.0	<b>0.0</b>
Weber Basin WCD -South (Wholesaler)	0.0	0.0	27,279.0	<b>27,279.0</b>
West Bountiful Water System	514.0	0.0	0.0	<b>514.0</b>
West Point Water System	1,501.9	0.0	0.0	<b>1,501.9</b>
Woods Cross Water System	1,529.0	0.0	0.0	<b>1,529.0</b>
<b>County Totals</b>	<b>27,763.9</b>	<b>200.4</b>	<b>29,520.8</b>	<b>57,485.1</b>

**Table J-3.4 Davis County 2015 Wholesale Potable Sources for Community Water Systems**

<b>Water Supplier</b>	<b>Amount Provided (ac-ft)</b>
Bountiful City Water System	
<i>West Bountiful Water System</i>	0.0
South Davis Water Improvement District	
<i>Bountiful City Water System</i>	60.2
Weber Basin WCD - Central (Wholesaler)	
<i>Clearfield City Water System</i>	5,452.7
<i>Clinton City Water System</i>	1,518.0
<i>Farmington City Water System</i>	290.7
<i>Fruit Heights City Water System</i>	394.1
<i>Hill Air Force Base</i>	1,013.3
<i>Hooper Water Improvement District (West Point, Davis Co.)</i>	0.1
<i>Kaysville City</i>	2,488.4
<i>Layton Water System</i>	6,712.1
<i>Mutton Hollow Improvement District</i>	151.1
<i>South Weber Water System</i>	585.7
<i>Sunset City Water System</i>	732.6
<i>Syracuse Water System</i>	1,879.6
<i>Weber Basin Job Corps</i>	30.0
<i>West Point Water System</i>	535.8
Weber Basin WCD -South (Wholesaler)	
<i>Bountiful City Water System</i>	321.9
<i>North Salt Lake</i>	2,006.0
<i>South Davis Water Improvement District</i>	360.0
<i>West Bountiful Water System</i>	594.5
<i>Woods Cross Water System</i>	100.1
<b>County Totals</b>	<b>25,226.9</b>

**Table J-4.1 Morgan County 2015 Potable Community Water System Use**

Water Supplier	Residential Use (ac-ft)	Second Home Use (ac-ft)	Commercial Use (ac-ft)	Institutional Use (ac-ft)	Industrial Use (ac-ft)	Total Potable Use (ac-ft)	Service Population	Gallons Per Capita Per Day
Central Enterprise Water Co.	73.7	0.0	0.0	4.2	0.0	77.9	550	127
Cottonwood Mutual (Wilkinson)	205.6	0.0	2.2	6.9	0.0	214.7	1,380	139
Croydon Pipeline Co.	5.0	0.0	0.0	0.0	0.0	5.0	90	50
Hidden Hollow Water Co.	1.4	0.0	0.0	0.0	0.0	1.4	30	42
Highland Subdivision (Morgan)	169.3	0.0	15.1	7.8	0.0	192.2	1,210	142
Monte Verde	24.7	0.0	0.0	0.0	0.0	24.7	100	221
Morgan City Water System	295.8	0.0	52.2	20.6	50.4	419.0	4,460	84
Mountain Green Water Assn.	13.8	0.0	0.0	0.0	0.0	13.8	50	246
Peterson Pipeline Assn.	77.8	0.0	1.0	1.0	0.0	79.8	430	166
Richville	16.6	0.0	2.5	0.0	0.0	19.0	150	113
South Robinson Springs Water Users	9.7	0.0	0.0	0.0	0.0	9.7	50	173
Weber Basin WCD (Morgan County Wholesale)	0.0	0.0	0.0	0.0	0.0	0.0	0	893
<b>County Totals**</b>	<b>893.3</b>	<b>0.0</b>	<b>73.0</b>	<b>40.5</b>	<b>50.4</b>	<b>1,057.2</b>	<b>8,500</b>	<b>111</b>
**County Total GPCD is system weighted								

**Table J-4.2 Morgan County 2015 Secondary Community Water System Use**

Water Supplier	Residential Use (ac-ft)	Commercial Use (ac-ft)	Institutional Use (ac-ft)	Industrial Use (ac-ft)	Total Secondary Use (ac-ft)	Service Population	Gallons Per Capita Per Day
Central Enterprise Water Co.						550	60
<i>Enterprise Irrigation Co.*</i>	37.1	0.0	0.0	0.0	37.1		
Cottonwood Mutual (Wilkinson)						1,380	132
<i>Mountain Green Secondary Water System*</i>	203.8	0.0	0.0	0.0	203.8		
Croydon Pipeline Co.						90	369
<i>Croydon Irrigation Company*</i>	37.3	0.0	0.0	0.0	37.3		
Hidden Hollow Water Co.	0.0	0.0	0.0	0.0	0.0	30	0
Highland Subdivision (Morgan)						1,210	2
<i>Individual Sprinkler Wells*</i>	2.8	0.0	0.0	0.0	2.8		
Monte Verde	0.0	0.0	0.0	0.0	0.0	100	0
Morgan City Water System						4,460	162
<i>Morgan City Secondary Water Assoc.*</i>	446.7	7.3	201.1	0.0	655.1		
<i>Morgan Secondary Water Co. (Ditch)*</i>	156.4	0.0	0.0	0.0	156.4		
Mountain Green Water Assn.	0.0	0.0	0.0	0.0	0.0	50	0
Peterson Pipeline Assn.						430	168
<i>Peterson Irrigation Company*</i>	77.5	0.0	3.2	0.0	80.7		
Richville						150	411
<i>Richville Irrigation Co.*</i>	20.1	0.0	0.0	0.0	20.1		
<i>West Porterville Irrigation Co.*</i>	41.9	0.0	7.1	0.0	49.0		
South Robinson Springs Water Users	0.0	0.0	0.0	0.0	0.0	50	0
Weber Basin WCD (Morgan County Wholesale)	0.0	0.0	0.0	0.0	0.0	0	0
<b>County Totals**</b>	<b>1,023.6</b>	<b>7.3</b>	<b>211.4</b>	<b>0.0</b>	<b>1,242.3</b>	<b>8,500</b>	<b>130</b>

\*Estimated data, \*\*County Total GPCD is system weighted

**Table J-4.3 Morgan County 2015 Reliable Potable Sources for Community Water Systems**

<b>Water Supplier</b>	<b>Reliable Wells (ac-ft)</b>	<b>Reliable Springs (ac-ft)</b>	<b>Reliable Surface (ac-ft)</b>	<b>Total (ac-ft)</b>
Central Enterprise Water Co.	83.0	0.0	0.0	<b>83.0</b>
Cottonwood Mutual (Wilkinson)	569.0	0.0	0.0	<b>569.0</b>
Croydon Pipeline Co.	8.1	54.9	0.0	<b>63.0</b>
Hidden Hollow Water Co.	13.0	0.0	0.0	<b>13.0</b>
Highland Subdivision (Morgan)	0.0	287.0	0.0	<b>287.0</b>
Monte Verde	82.0	0.0	0.0	<b>82.0</b>
Morgan City Water System	852.0	339.1	0.0	<b>1,191.0</b>
Mountain Green Water Assn.	20.0	0.0	0.0	<b>20.0</b>
Peterson Pipeline Assn.	144.0	0.0	0.0	<b>144.0</b>
Richville	0.0	64.6	0.0	<b>64.6</b>
South Robinson Springs Water Users	0.0	27.0	0.0	<b>27.0</b>
Weber Basin WCD (Morgan County Wholesale)	0.0	0.0	3,000.0	<b>3,000.0</b>
<b>County Totals</b>	<b>1,771.0</b>	<b>772.5</b>	<b>3,000.0</b>	<b>5,543.5</b>



**Table J-4.4 Morgan County 2015 Wholesale Potable Sources for Community Water Systems**

Water Supplier	Amount Provided (ac-ft)
There are no wholesale water sources for this county.	
<b>County Totals</b>	<b>0.0</b>

**Table J-5.1 Summit County 2015 Potable Community Water System Use**

Water Supplier	Residential Use (ac-ft)	Second Home Use (ac-ft)	Commercial Use (ac-ft)	Institutional Use (ac-ft)	Industrial Use (ac-ft)	Total Potable Use (ac-ft)	Service Population	Gallons Per Capita Per Day
Bridge Hollow Water Assn.	10.7	0.0	0.0	0.0	0.0	10.7	60	158
Cluff Ward Pipeline Co.	52.8	0.0	0.0	0.0	0.0	52.8	150	314
Coalville City Water Sys	139.9	31.6	15.0	13.0	0.0	199.5	1,340	133
Community Water Co.	112.1	2.6	8.9	1.5	0.0	125.0	490	228
Deep Springs Water Co.	6.0	0.0	0.0	0.0	0.0	6.0	50	107
Echo Mutual Water System	4.9	0.0	0.9	0.0	0.0	5.8	70	74
Gorgoza Mutual Water Co.	416.4	44.7	12.7	41.1	0.0	514.9	3,570	129
Henefer Town	126.7	12.3	3.0	14.6	0.0	156.6	850	164
High Valley Water Co.	83.8	6.0	0.0	0.0	0.0	89.8	720	111
Hoytsville Pipeline Co.	80.0	0.0	10.0	5.0	0.0	95.0	400	212
Kamas City Water System	271.6	41.2	52.4	71.8	0.0	437.0	1,950	200
Lake Rockport Estates	7.8	0.0	0.0	0.0	0.0	7.8	200	35
Marion Waterworks Co.	82.0	8.0	0.2	1.4	6.8	98.4	500	176
Mt. Regional Water S.S.D.	657.7	352.2	205.1	0.0	0.0	1,215.0	6,830	159
Oakley Town Water System	321.8	54.6	0.0	7.8	0.0	384.2	1,770	194
Park City Culinary Water	889.3	692.8	1,945.8	149.4	0.0	3,677.3	8,100	405
Peoa Pipeline Co.*	20.0	0.0	0.0	0.0	2.0	22.0	210	94
Pine Meadow Mutual Water	16.5	0.0	0.0	0.0	0.0	16.5	60	245
Summit Co Service #3	47.4	16.5	4.1	2.8	0.0	70.8	910	69
Summit Water Distribution	1,187.9	64.6	1,434.4	92.6	0.0	2,779.5	6,190	401
Wanship Cottage Sites	1.3	0.0	0.0	0.0	0.0	1.3	60	19
Wanship Mutual Water Co.	21.1	0.0	0.3	0.5	0.0	21.9	370	53
Weber Basin WCD (Summit Co Wholesale)	0.0	0.0	0.0	0.0	0.0	0.0	0	893
Wooden Shoe Water Company	11.0	0.0	0.0	0.0	0.0	11.0	80	123
<b>County Totals**</b>	<b>4,568.6</b>	<b>1,327.1</b>	<b>3,692.7</b>	<b>401.4</b>	<b>8.8</b>	<b>9,998.7</b>	<b>34,930</b>	<b>256</b>

\*Estimated data, \*\*County Total GPCD is system weighted

**Table J-5.2 Summit County 2015 Secondary Community Water System Use**

Water Supplier	Residential Use (ac-ft)	Commercial Use (ac-ft)	Institutional Use (ac-ft)	Industrial Use (ac-ft)	Total Secondary Use (ac-ft)	Service Population	Gallons Per Capita Per Day
Bridge Hollow Water Assn.	0.0	0.0	0.0	0.0	0.0	60	0
Cluff Ward Pipeline Co.						150	582
<i>North Narrows Irrigation Co.*</i>	97.8	0.0	0.0	0.0	97.8		
Coalville City Water Sys						1,340	225
<i>Various Coalville Irrigation Co. and Ditch Co.*</i>	338.1	0.0	0.0	0.0	338.1		
Community Water Co.	286.1	0.0	0.0	0.0	286.1	490	521
Deep Springs Water Co.	0.0	0.0	0.0	0.0	0.0	50	0
Echo Mutual Water System						70	158
<i>Echo Ditch Company*</i>	12.4	0.0	0.0	0.0	12.4		
Gorgoza Mutual Water Co.	0.0	0.0	0.0	0.0	0.0	3,570	0
Henefer Town						850	53
<i>Henefer Irrigation Company*</i>	50.8	0.0	0.0	0.0	50.8		
High Valley Water Co.	0.0	0.0	0.0	0.0	0.0	720	0
Hoytsville Pipeline Co.						400	365
<i>Hoytsville Ditch Company*</i>	163.4	0.0	0.0	0.0	163.4		
Kamas City Water System						1,950	9
<i>Beaver Shingle Creek Irrigation Co. (Ditch)*</i>	19.8	0.0	0.0	0.0	19.8		
Lake Rockport Estates	0.0	0.0	0.0	0.0	0.0	200	0
Marion Waterworks Co.						500	66
<i>Ditch Sprinkler Group*</i>	16.7	0.0	0.0	0.0	16.7		
<i>Ditch Sprinkler Group (Ditch)*</i>	20.0	0.0	0.0	0.0	20.0		
Mt. Regional Water S.S.D.						6,830	129
<i>Glenwilde GC*</i>	0.0	0.0	255.0	0.0	255.0		
<i>Promontory Mtn GC's (Canyon Pete Dye and Painted V</i>	0.0	0.0	719.7	0.0	719.7		
<i>Quarry Mountain Estates Secondary System (Ditch)*</i>	9.4	0.0	0.0	0.0	9.4		

\*Estimated Data

Table continued on the next page

**Table J-5.2 Summit County 2015 Secondary Community Water System Use**

Water Supplier	Residential Use (ac-ft)	Commercial Use (ac-ft)	Institutional Use (ac-ft)	Industrial Use (ac-ft)	Total Secondary Use (ac-ft)	Service Population	Gallons Per Capita Per Day
Oakley Town Water System						1,770	66
<i>New Field &amp; N. Bench Irr. Co. *</i>	68.5	0.0	15.8	0.0	84.3		
<i>North Bench Canal Co. *</i>	22.9	0.0	0.0	0.0	22.9		
<i>Smith &amp; Morehouse Res. Co. *</i>	22.9	0.0	0.0	0.0	22.9		
Park City Culinary Water						8,100	81
<i>Holiday Ranchettes Secondary System (Ditch) *</i>	25.8	0.0	0.0	0.0	25.8		
<i>Park City GC *</i>	0.0	0.0	291.3	0.0	291.3		
<i>Park City Secondary Water to North40?highSchool, Pro</i>	0.0	0.0	26.3	0.0	26.3		
<i>Park Meadows GC*</i>	0.0	0.0	391.9	0.0	391.9		
Peoa Pipeline Co.						210	128
<i>Peoa South Bench Canal and Irrigation Co. *</i>	30.1	0.0	0.0	0.0	30.1		
Pine Meadow Mutual Water	0.0	0.0	0.0	0.0	0.0	60	0
Summit Co Service #3	0.0	0.0	0.0	0.0	0.0	910	0
Summit Water Distribution						6,190	77
<i>Community Water System (TCFC) Canyons GC</i>	0.0	0.0	163.3	0.0	163.3		
<i>Jeremy Ranch GC*</i>	0.0	0.0	370.5	0.0	370.5		
Wanship Cottage Sites						60	128
<i>East Wanship Irrigation Co. (Ditch) *</i>	4.3	0.0	0.0	0.0	4.3		
<i>Weber River Shareholders (Wanship Cottage Sites) *</i>	4.3	0.0	0.0	0.0	4.3		
Wanship Mutual Water Co.						370	178
<i>Wanship Ditch Co. *</i>	73.9	0.0	0.0	0.0	73.9		
Weber Basin WCD (Summit Co Wholesale)	0.0	0.0	0.0	0.0	0.0	0	0
Wooden Shoe Water Company							
<i>Sage Bottom Ditch Co. *</i>	10.6	0.0	0.0	0.0	10.6	80	118
<b>County Totals<sup>++</sup></b>	<b>1,277.6</b>	<b>0.0</b>	<b>2,233.8</b>	<b>0.0</b>	<b>3,511.4</b>	<b>34,930</b>	<b>90</b>

\*Estimated data, ++County Total GPCD is system weighted

**Table J-5.3 Summit County 2015 Reliable Potable Sources for Community Water Systems**

<b>Water Supplier</b>	<b>Reliable Wells (ac-ft)</b>	<b>Reliable Springs (ac-ft)</b>	<b>Reliable Surface (ac-ft)</b>	<b>Total (ac-ft)</b>
Bridge Hollow Water Assn.	42.0	0.0	0.0	<b>42.0</b>
Cluff Ward Pipeline Co.	0.0	129.0	0.0	<b>129.0</b>
Coalville City Water Sys	179.2	322.8	0.0	<b>502.0</b>
Community Water Co.	265.5	0.0	290.5	<b>556.0</b>
Deep Springs Water Co.	14.6	0.0	0.0	<b>14.6</b>
Echo Mutual Water System	0.0	29.1	0.0	<b>29.1</b>
Gorgoza Mutual Water Co.	2,243.6	161.4	0.0	<b>2,405.0</b>
Henefer Town	0.0	220.0	0.0	<b>220.0</b>
High Valley Water Co.	453.0	0.0	0.0	<b>453.0</b>
Hoytsville Pipeline Co.	198.3	80.7	0.0	<b>279.0</b>
Kamas City Water System	167.2	632.9	0.0	<b>800.0</b>
Lake Rockport Estates	48.4	0.0	0.0	<b>48.4</b>
Marion Waterworks Co.	80.7	47.1	0.0	<b>127.8</b>
Mt. Regional Water S.S.D.	8,611.2	201.8	0.0	<b>8,813.0</b>
Oakley Town Water System	424.0	539.0	0.0	<b>963.0</b>
Park City Culinary Water	3,867.0	76.0	3,070.0	<b>7,013.0</b>
Peoa Pipeline Co.	0.0	353.0	0.0	<b>353.0</b>
Pine Meadow Mutual Water	59.7	0.0	0.0	<b>59.7</b>
Summit Co Service #3	285.0	0.0	0.0	<b>285.0</b>
Summit Water Distribution	1,696.5	807.1	1,511.4	<b>4,015.0</b>
Wanship Cottage Sites	10.0	0.0	0.0	<b>10.0</b>
Wanship Mutual Water Co.	46.0	21.0	0.0	<b>67.0</b>
Weber Basin WCD (Summit Co Wholesale)	0.0	0.0	10,022.0	<b>10,022.0</b>
Wooden Shoe Water Company	0.0	10.0	0.0	<b>10.0</b>
<b>County Totals</b>	<b>18,691.9</b>	<b>3,630.7</b>	<b>14,893.9</b>	<b>37,216.5</b>

**Table J-5.4 Summit County 2015 Wholesale Potable Sources for Community Water Systems**

<b>Water Supplier</b>	<b>Amount Provided (ac-ft)</b>
Mt. Regional Water S.S.D.	
<i>High Valley Water Co.</i>	75.2
Summit Water Distribution	
<i>High Valley Water Co.</i>	10.3
Weber Basin WCD (Summit Co Wholesale)	
<i>Summit Water Distribution</i>	409.6
<b>County Totals</b>	<b>495.1</b>

**Table J-6.1 Weber County 2015 Potable Community Water System Use**

Water Supplier	Residential Use (ac-ft)	Second Home Use (ac-ft)	Commercial Use (ac-ft)	Institutional Use (ac-ft)	Industrial Use (ac-ft)	Total Potable Use (ac-ft)	Service Population	Gallons Per Capita Per Day
Bona Vista Water District	1,606.1	0.0	1,380.0	116.7	591.3	3,694.0	24,160	136
Casey Acres Water Co.*	1.3	0.0	0.0	0.0	0.0	1.3	60	20
Cole Canyon Water Co.	17.1	0.0	0.0	6.2	0.0	23.3	90	231
Eden Waterworks System	112.9	0.0	13.9	1.3	0.0	128.2	1,060	108
Green Hills Country Estates	29.1	0.0	0.0	0.0	0.0	29.1	420	62
Hooper Water Improvement District	1,146.6	0.0	14.5	33.2	0.0	1,194.3	14,270	75
Huntsville Town Water System	96.2	0.0	4.6	1.0	0.7	102.5	670	137
Lakeview Water Co.	49.5	0.0	0.0	0.0	0.0	49.5	150	294
Liberty Pipeline Co.	159.0	0.0	0.0	0.4	0.0	159.4	1,190	120
Nordic Mtn Water Co.	42.7	0.0	0.2	0.0	0.0	43.0	690	56
North Ogden City	1,138.9	0.0	107.4	21.6	0.0	1,267.9	18,690	61
Ogden City	6,155.0	0.0	3,571.0	1,493.8	2,642.0	13,861.8	86,290	143
Pineview West Water Co.	10.1	0.0	0.6	0.0	0.0	10.7	100	96
Pleasant View City Corp.	514.7	0.0	0.0	0.0	0.0	514.7	7,130	64
Pole Patch Water System	37.7	0.0	0.0	0.0	0.0	37.7	80	421
Riverdale	1,432.0	0.0	435.7	121.4	4.7	1,993.7	8,690	205
Roy	2,609.2	0.0	274.3	27.8	0.0	2,911.3	37,700	69
South Ogden City	991.3	0.0	238.0	31.1	0.0	1,260.4	17,130	66
Spring Mountain Mutual Water Co.*	14.0	0.0	0.0	0.0	0.0	14.0	60	208
Taylor West Weber Water Improvement District	807.8	0.0	5.5	19.7	79.8	912.8	6,150	133
The City of Washington Terrace	471.0	0.0	64.2	97.6	0.0	632.7	9,460	60
The Town of Uintah	368.0	0.0	10.0	0.0	0.0	378.0	1,300	260
Uintah Highlands Improvement District	194.7	0.0	74.5	4.1	0.0	273.3	2,440	100
Weber Basin WCD - Central (Wholesaler)	0.0	0.0	0.0	0.0	0.0	0.0	0	0
Weber Basin WCD - North (Wholesaler)	0.0	0.0	0.0	0.0	0.0	0.0	0	0
West Haven SSD	80.4	0.0	0.2	0.0	0.1	80.7	1,080	67
West Warren Improvement District	276.4	0.0	0.0	0.5	51.3	328.2	1,020	287
Wolf Creek Water and Sewer Imp. District	281.0	0.0	15.0	0.0	0.0	296.0	1,010	262
<b>County Totals**</b>	<b>18,642.6</b>	<b>0.0</b>	<b>6,209.7</b>	<b>1,976.3</b>	<b>3,369.9</b>	<b>30,198.5</b>	<b>241,090</b>	<b>112</b>

\*Estimated data, \*\*County Total GPCD is system weighted



**Table J-6.2 Weber County 2015 Secondary Community Water System Use**

Water Supplier	Residential Use (ac-ft)	Commercial Use (ac-ft)	Institutional Use (ac-ft)	Industrial Use (ac-ft)	Total Secondary Use (ac-ft)	Service Population	Gallons Per Capita Per Day
Bona Vista Water District						24,160	246
Ben Lomond GC (Weber Co.)*	0.0	0.0	543.8	0.0	543.8		
Four Mile Irrigation Co. (Mariott/Slaterville City System)	73.3	0.0	0.0	0.0	73.3		
Mountain View Irrigation (Marriott Irrigation Co (Marriott))	73.3	0.0	594.1	0.0	667.4		
Mulligans GC (Weber Co.)*	0.0	0.0	228.4	0.0	228.4		
Weber Box Elder Water Conservancy Dist. (Pineview water)	4,910.8	13.7	137.1	0.0	5,061.6		
Western Irrigation Co. and Various Other Ditch Co. (Ditch)	73.3	0.0	0.0	0.0	73.3		
Casey Acres Water Co.						60	205
Mountain Canal Irrigation*	13.8	0.0	0.0	0.0	13.8		
Cole Canyon Water Co.						90	424
Cole Canyon Secondary Water System*	42.8	0.0	0.0	0.0	42.8		
Eden Waterworks System						1,060	321
Eden Irrigation Co. (Ditch)*	63.5	0.0	0.0	0.0	63.5		
Wolf Creek Irrigation Co.*	317.3	0.0	0.0	0.0	317.3		
Green Hills Country Estates						420	19
Green Hills Country Estates Secondary System*	9.1	0.0	0.0	0.0	9.1		
Hooper Water Improvement District						14,270	314
Hooper Irrigation Co.*	3,833.0	9.9	39.4	0.0	3,882.3		
Roy Water Conservancy Dist.*	273.8	9.9	9.9	0.0	293.6		
WBWCD - West Haven Service Area*	821.4	9.9	9.9	0.0	841.2		
Huntsville Town Water System						670	626
Huntsville Waterworks Corp.*	364.9	0.0	104.6	0.0	469.5		
Lakeview Water Co.						150	104
South Bench Canal Co.*	17.4	0.0	0.0	0.0	17.4		
Liberty Pipeline Co.						1,190	108
Liberty Bell Subdivision Secondary System*	16.0	0.0	0.0	0.0	16.0		
Liberty Irrigation Co.*	117.2	0.0	11.2	0.0	128.4		
Nordic Mtn Water Co.	0.0	0.0	0.0	0.0	0.0	690	0
North Ogden City						18,690	197
Ben Lomond Irrigation Co.*	1,891.4	0.0	0.0	0.0	1,891.4		
North Ogden Irrigation Co.*	38.6	0.0	0.0	0.0	38.6		
Pineview Irrigation Co.*	1,977.1	20.4	204.1	0.0	2,201.6		
Ogden City						86,290	50
Pineview Irrigation Co.*	3,039.5	11.9	591.9	0.0	3,643.3		
Various Ogden City Ditch Companies*	272.1	0.0	0.0	0.0	272.1		
WBWCD - Uintah Bench Service Area*	907.1	7.9	15.9	0.0	930.9		
Pineview West Water Co.						100	96
Pineview West Secondary System	10.7	0.0	0.0	0.0	10.7		

\*Estimated Data

Table continued on the next page

**Table J-6.2 (Continued) Weber County 2015 Secondary Community Water System Use**

Water Supplier	Residential Use (ac-ft)	Commercial Use (ac-ft)	Institutional Use (ac-ft)	Industrial Use (ac-ft)	Total Secondary Use (ac-ft)	Service Population	Gallons Per Capita Per Day
Pleasant View City Corp.						7,130	320
<i>Pineview Water Systems*</i>	2,108.3	429.4	21.7	0.0	2,559.4		
Pole Patch Water System	0.0	0.0	0.0	0.0	0.0	80	0
Riverdale						8,690	54
<i>Davis and Weber Canal Co. *</i>	12.8	0.0	0.0	0.0	12.8		
<i>Pineview Irrigation Co. *</i>	55.5	0.0	0.0	0.0	55.5		
<i>WBWCD*</i>	55.5	405.8	0.0	0.0	461.3		
Roy						37,700	109
<i>Roy Water Conservancy Dist. *</i>	4,163.0	17.8	417.5	0.0	4,598.3		
South Ogden City						17,130	145
<i>Pineview Water Systems*</i>	1,085.8	0.0	447.7	0.0	1,533.5		
<i>WBWCD - Uintah Bench Service Area*</i>	1,180.2	0.0	74.0	0.0	1,254.2		
Spring Mountain Mutual Water Co.	0.0	0.0	0.0	0.0	0.0	60	0
Taylor West Weber Water Improvement District						6,150	423
<i>Hooper Irrigation Co. *</i>	864.2	4.8	14.2	0.0	883.1		
<i>Hooper Irrigation Co. (Ditch)*</i>	576.1	0.0	0.0	0.0	576.1		
<i>WBWCD - West Haven Service Area*</i>	864.2	0.0	14.2	0.0	878.4		
<i>Wilson Irrigation Co. *</i>	576.1	0.0	0.0	0.0	576.1		
The City of Washington Terrace						9,460	99
<i>Pineview Water Systems*</i>	614.7	7.7	11.5	0.0	633.9		
<i>WBWCD - Uintah Bench Service Area*</i>	409.8	0.0	7.7	0.0	417.5		
The Town of Uintah						1,300	261
<i>Mountain Stream Irrigation Co. *</i>	224.0	0.0	3.7	0.0	227.7		
<i>Pioneer Irrigation Co. *</i>	74.7	0.0	0.0	0.0	74.7		
<i>Weber Central Irrigation Co. *</i>	74.7	0.0	3.7	0.0	78.4		
Uintah Highlands Improvement District						2,440	404
<i>WBWCD - Uintah Bench Service Area*</i>	993.8	6.9	103.5	0.0	1,104.2		
Weber Basin WCD - Central (Wholesaler)	0.0	0.0	0.0	0.0	0.0	0	0
Weber Basin WCD - North (Wholesaler)	0.0	0.0	0.0	0.0	0.0	0	0
West Haven SSD						1,080	245
<i>Roy Water Conservancy Dist*</i>	296.7	0.0	0.0	0.0	296.7		
West Warren Improvement District						1,020	183
<i>Individual Sprinkler Wells*</i>	121.5	0.0	7.1	0.0	128.6		
<i>Warren Irrigation Co. (Ditch)*</i>	80.0	0.0	0.0	0.0	80.0		
Wolf Creek Water and Sewer Imp. District						1,010	772
<i>Wolf Creek Water Conservancy Dist.</i>	558.4	90.8	224.6	0.0	873.8		
<b>County Totals**</b>	<b>34,147.0</b>	<b>1,046.7</b>	<b>3,841.4</b>	<b>0.0</b>	<b>39,035.1</b>	<b>241,090</b>	<b>145</b>

\*Estimated data, \*\*County Total GPCD is system weighted

**Table J-6.3 Weber County 2015 Reliable Potable Sources for Community Water Systems**

Water Supplier	Reliable Wells (ac-ft)	Reliable Springs (ac-ft)	Reliable Surface (ac-ft)	Total (ac-ft)
Bona Vista Water District	558.9	970.1	0.0	1,529.0
Casey Acres Water Co.	13.0	0.0	0.0	13.0
Cole Canyon Water Co.	0.0	116.2	0.0	116.2
Eden Waterworks System	184.7	217.3	0.0	402.0
Green Hills Country Estates	110.0	0.0	0.0	110.0
Hooper Water Improvement District	2,342.6	0.0	0.0	2,342.6
Huntsville Town Water System	0.0	200.0	0.0	200.0
Lakeview Water Co.	303.0	0.0	0.0	303.0
Liberty Pipeline Co.	326.6	161.4	0.0	488.0
Nordic Mtn Water Co.	217.0	0.0	0.0	217.0
North Ogden City	1,573.8	2,106.2	0.0	3,680.0
Ogden City	9,157.9	0.0	7,556.2	16,714.0
Pineview West Water Co.	90.0	0.0	0.0	90.0
Pleasant View City Corp.	1,191.2	318.8	0.0	1,510.0
Pole Patch Water System	0.0	0.0	0.0	0.0
Riverdale	1,333.0	0.0	0.0	1,333.0
Roy	1,804.0	0.0	0.0	1,804.0
South Ogden City	339.0	0.0	788.0	1,127.0
Spring Mountain Mutual Water Co.	0.0	32.6	0.0	32.6
Taylor West Weber Water Improvement District	2,313.0	0.0	0.0	2,313.0
The City of Washington Terrace	0.0	0.0	0.0	0.0
The Town of Uintah	0.0	0.0	0.0	0.0
Uintah Highlands Improvement District	0.0	89.0	0.0	89.0
Weber Basin WCD - Central (Wholesaler)	24,118.0	0.0	31,750.0	55,868.0
Weber Basin WCD - North (Wholesaler)	1,875.0	0.0	0.0	1,875.0
West Haven SSD	0.0	0.0	0.0	0.0
West Warren Improvement District	0.0	0.0	0.0	0.0
Wolf Creek Water and Sewer Imp. District	823.6	48.4	0.0	872.0
<b>County Totals</b>	<b>48,674.2</b>	<b>4,260.1</b>	<b>40,094.2</b>	<b>93,028.4</b>

**Table J-6.4 Weber County 2015 Wholesale Potable Sources for Community Water Systems**

<b>Water Supplier</b>	<b>Amount Provided (ac-ft)</b>
Ogden City	
<i>Bona Vista Water District</i>	1,161.0
Pleasant View City Corp.	
<i>Pole Patch Water System</i>	37.7
Roy	
<i>West Haven</i>	80.7
Weber Basin WCD - Central (Wholesaler)	
<i>Bona Vista Water District</i>	2,885.6
<i>Ogden City</i>	4,223.3
<i>Riverdale</i>	902.9
<i>Roy</i>	2,413.1
<i>South Ogden City</i>	791.9
<i>Taylor West Weber Water Improvement District</i>	428.0
<i>The City of Washington Terrace</i>	713.5
<i>The Town of Uintah</i>	378.0
<i>Uintah Highlands Improvement District</i>	287.6
<i>West Warren Improvement District</i>	328.2
Weber Basin WCD - North (Wholesaler)	
<i>Bona Vista Water District</i>	45.4
<b>County Totals</b>	<b>14,676.9</b>

# **Appendix K**

## **West Colorado River Basin Data Tables**

**Table K-1 West Colorado Basin 2015 Community System Water Data**

County	Carbon		Emery		Garfield		Grand		Wayne		Basin Total	
Population	20,670		10,050		1,090		30		2,110		33,950	
Potable Water Use	ac-ft/year	GPCD	ac-ft/year	GPCD	ac-ft/year	GPCD	ac-ft/year	GPCD	ac-ft/year	GPCD	ac-ft/year	GPCD
Residential	2,951.9	127	1,263.6	112	285.1	233	9.4	280	424.2	179	4,934.2	130
Commercial	509.6	22	159.8	14	49.4	40	11.2	333	96.1	41	826.1	22
Institutional	513.6	22	65.0	6	16.3	13	13.1	390	62.0	26	670.1	18
Industrial	201.0	9	45.3	4	0.1	0	5.8	173	15.0	6	267.2	7
Total Potable <sup>++</sup>	4,176.1	180	1,533.8	136	350.9	287	39.5	1175	597.3	253	6,697.6	176
Secondary Water Use	ac-ft/year	GPCD	ac-ft/year	GPCD	ac-ft/year	GPCD	ac-ft/year	GPCD	ac-ft/year	GPCD	ac-ft/year	GPCD
Residential	1,340.1	58	3,914.7	348	543.9	445	0.0	0	628.0	266	6,426.6	169
Commercial	0.0	0	329.1	29	0.0	0	0.0	0	0.0	0	329.1	9
Institutional	795.5	34	718.3	64	0.0	0	0.0	0	133.7	57	1,647.5	43
Industrial	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0
Total Secondary <sup>++</sup>	2,135.7	92	4,962.0	441	543.9	445	0.0	0	761.7	322	8,403.2	221
Potable Reliable Supply	ac-ft/year		ac-ft/year		ac-ft/year		ac-ft/year		ac-ft/year		ac-ft/year	
Springs	4,269.9		2,818.9		432.6		161.4		1,367.2		9,050.0	
Wells	499.0		0.0		505.4		0.0		705.8		1,710.2	
Surface	10,702.1		4,893.8		0.0		0.0		0.0		15,595.9	
Total Reliable	15,471.0		7,712.7		938.0		161.4		2,073.0		26,356.1	

<sup>++</sup>Total GPCDs are county weighted

**Table K-2.1 Carbon County 2015 Potable Community Water System Use**

Water Supplier	Residential Use (ac-ft)	Second Home Use (ac-ft)	Commercial Use (ac-ft)	Institutional Use (ac-ft)	Industrial Use (ac-ft)	Total Potable Use (ac-ft)	Service Population	Gallons Per Capita Per Day
East Carbon City	29.0	0.0	14.2	42.0	182.9	268.0	1,320	181
Helper Municipal Water System	194.6	0.0	36.2	33.3	3.0	267.1	2,180	109
Price City	1,409.7	0.0	218.9	414.0	10.4	2,053.0	8,620	213
Price River Water Improvement District	1,205.6	0.0	220.6	0.0	0.0	1,426.2	6,890	185
Wellington City	113.0	0.0	19.7	24.3	4.8	161.8	1,660	87
<b>County Totals<sup>**</sup></b>	<b>2,951.9</b>	<b>0.0</b>	<b>509.6</b>	<b>513.6</b>	<b>201.0</b>	<b>4,176.1</b>	<b>20,670</b>	<b>180</b>
<sup>**</sup> County Total GPCD is system weighted								



**Table K-2.2 Carbon County 2015 Secondary Community Water System Use**

Water Supplier	Residential Use (ac-ft)	Commercial Use (ac-ft)	Institutional Use (ac-ft)	Industrial Use (ac-ft)	Total Secondary Use (ac-ft)	Service Population	Gallons Per Capita Per Day
East Carbon City	0.0	0.0	0.0	0.0	0.0	1,320	0
Helper Municipal Water System						2,180	70
<i>Bryner-Hanson Ditch *</i>	25.3	0.0	0.0	0.0	25.3		
<i>Bryner-Ploutz Ditch *</i>	25.3	0.0	0.0	0.0	25.3		
<i>Spring Glen Canal Co. *</i>	25.3	0.0	95.7	0.0	121.0		
Price City						8,620	5
<i>Price Wellington Control Board *</i>	44.1	0.0	0.0	0.0	44.1		
Price River Water Improvement District						6,890	191
<i>Carbon Canal *</i>	84.5	0.0	0.0	0.0	84.5		
<i>North Carbon Group *</i>	169.0	0.0	0.0	0.0	169.0		
<i>Price/Wellington Canal *</i>	84.5	0.0	0.0	0.0	84.5		
<i>Spring Glen Canal Co. *</i>	169.0	0.0	629.4	0.0	798.4		
<i>Wellington Canal Co. *</i>	169.0	0.0	0.0	0.0	169.0		
<i>Wellington Secondary Water System *</i>	169.0	0.0	0.0	0.0	169.0		
Wellington City						1,660	240
<i>Wellington Secondary Water System *</i>	375.0	0.0	70.5	0.0	445.5		
<b>County Totals<sup>++</sup></b>	<b>1,340.1</b>	<b>0.0</b>	<b>795.5</b>	<b>0.0</b>	<b>2,135.7</b>	<b>20,670</b>	<b>92</b>
*Estimated data, ++County Total GPCD is system weighted							

**Table K-2.3 Carbon County 2015 Reliable Potable Sources for Community Water Systems**

<b>Water Supplier</b>	<b>Reliable Wells (ac-ft)</b>	<b>Reliable Springs (ac-ft)</b>	<b>Reliable Surface (ac-ft)</b>	<b>Total (ac-ft)</b>
East Carbon City	0.0	0.0	2,744.0	<b>2,744.0</b>
Helper Municipal Water System	499.0	1,372.0	0.0	<b>1,871.0</b>
Price City	0.0	2,897.9	1,630.0	<b>4,527.9</b>
Price River Water Improvement District	0.0	0.0	6,328.1	<b>6,328.1</b>
Wellington City	0.0	0.0	0.0	<b>0.0</b>
<b>County Totals</b>	<b>499.0</b>	<b>4,269.9</b>	<b>10,702.1</b>	<b>15,471.0</b>

**Table K-2.4 Carbon County 2015 Wholesale Potable Sources for Community Water Systems**

Water Supplier	Amount Provided (ac-ft)
Price City	
<i>Price River Water Improvement District</i>	78.1
Price River Water Improvement District	
<i>Price City</i>	251.8
<i>Wellington City</i>	161.8
<b>County Totals</b>	<b>491.7</b>

**Table K-3.1 Emery County 2015 Potable Community Water System Use**

Water Supplier	Residential Use (ac-ft)	Second Home Use (ac-ft)	Commercial Use (ac-ft)	Institutional Use (ac-ft)	Industrial Use (ac-ft)	Total Potable Use (ac-ft)	Service Population	Gallons Per Capita Per Day
Castle Valley Special Service District - Castledale	281.0	0.0	2.2	6.0	37.9	327.1	1,590	184
Castle Valley Special Service District - Clawson	19.0	0.0	0.0	0.4	0.0	19.4	160	108
Castle Valley Special Service District - Cleveland	68.5	0.0	0.0	1.4	0.0	69.9	450	139
Castle Valley Special Service District - Elmo	49.7	0.0	0.0	1.0	0.0	50.7	410	110
Castle Valley Special Service District - Emery	47.4	0.0	0.0	1.0	0.0	48.4	280	154
Castle Valley Special Service District - Ferron	212.2	0.0	0.0	9.2	0.0	221.4	1,580	125
Castle Valley Special Service District - Huntington	248.0	0.0	35.4	11.7	3.0	298.1	2,070	129
Castle Valley Special Service District - Orangeville	127.6	0.0	1.0	2.7	4.2	135.5	1,430	85
Green River City	64.8	0.0	117.7	30.9	0.0	213.4	950	201
North Emery Water Users	140.5	0.0	3.6	0.7	0.2	145.0	1,070	121
Trail Canyon Residential System	4.9	0.0	0.0	0.0	0.0	4.9	60	72
<b>County Totals**</b>	<b>1,263.6</b>	<b>0.0</b>	<b>159.8</b>	<b>65.0</b>	<b>45.3</b>	<b>1,533.8</b>	<b>10,050</b>	<b>136</b>

\*\*County Total GPCD is system weighted

**Table K-3.2 Emery County 2015 Secondary Community Water System Use**

Water Supplier	Residential Use (ac-ft)	Commercial Use (ac-ft)	Institutional Use (ac-ft)	Industrial Use (ac-ft)	Total Secondary Use (ac-ft)	Service Population	Gallons Per Capita Per Day
Castle Valley Special Service District - Castledale						1,590	389
<i>Castle Valley SSD</i>	567.3	0.0	126.3	0.0	693.6		
Castle Valley Special Service District - Clawson						160	686
<i>Castle Valley SSD</i>	111.0	0.0	12.0	0.0	123.0		
Castle Valley Special Service District - Cleveland						450	715
<i>Castle Valley SSD</i>	315.9	0.0	44.6	0.0	360.5		
Castle Valley Special Service District - Elmo						410	669
<i>Castle Valley SSD</i>	295.4	0.0	11.8	0.0	307.2		
Castle Valley Special Service District - Emery						280	806
<i>Castle Valley SSD</i>	227.0	0.0	25.9	0.0	252.9		
Castle Valley Special Service District - Ferron						1,580	736
<i>Castle Valley SSD</i>	974.0	329.1	0.0	0.0	1,303.1		
Castle Valley Special Service District - Huntington						2,070	304
<i>Castle Valley SSD</i>	623.6	0.0	82.0	0.0	705.6		
Castle Valley Special Service District - Orangeville						1,430	407
<i>Castle Valley SSD</i>	599.3	0.0	53.3	0.0	652.6		
Green River City						950	530
<i>Green River Canal Company*</i>	201.2	0.0	362.4	0.0	563.5		
North Emery Water Users	0.0	0.0	0.0	0.0	0.0	1,070	0
Trail Canyon Residential System	0.0	0.0	0.0	0.0	0.0	60	0
<b>County Totals**</b>	<b>3,914.7</b>	<b>329.1</b>	<b>718.3</b>	<b>0.0</b>	<b>4,962.0</b>	<b>10,050</b>	<b>441</b>

\*Estimated data, \*\*County Total GPCD is system weighted

**Table K-3.3 Emery County 2015 Reliable Potable Sources for Community Water Systems**

<b>Water Supplier</b>	<b>Reliable Wells (ac-ft)</b>	<b>Reliable Springs (ac-ft)</b>	<b>Reliable Surface (ac-ft)</b>	<b>Total (ac-ft)</b>
Castle Valley Special Service District - Castledale	0.0	0.0	613.4	<b>613.4</b>
Castle Valley Special Service District - Clawson	0.0	0.0	403.5	<b>403.5</b>
Castle Valley Special Service District - Cleveland	0.0	484.2	0.0	<b>484.2</b>
Castle Valley Special Service District - Elmo	0.0	484.2	0.0	<b>484.2</b>
Castle Valley Special Service District - Emery	0.0	0.0	564.9	<b>564.9</b>
Castle Valley Special Service District - Ferron	0.0	0.0	403.5	<b>403.5</b>
Castle Valley Special Service District - Huntington	0.0	968.5	681.0	<b>1,649.5</b>
Castle Valley Special Service District - Orangeville	0.0	0.0	613.4	<b>613.4</b>
Green River City	0.0	0.0	1,614.1	<b>1,614.1</b>
North Emery Water Users	0.0	867.0	0.0	<b>867.0</b>
Trail Canyon Residential System	0.0	15.0	0.0	<b>15.0</b>
<b>County Totals</b>	<b>0.0</b>	<b>2,818.9</b>	<b>4,893.8</b>	<b>7,712.7</b>

**Table K-3.4 Emery County 2015 Wholesale Potable Sources for Community Water Systems**

Water Supplier	Amount Provided (ac-ft)
There are no wholesale water sources for this county.	
<b>County Totals</b>	<b>0.0</b>



**Table K-4.1 Garfield County 2015 Potable Community Water System Use**

Water Supplier	Residential Use (ac-ft)	Second Home Use (ac-ft)	Commercial Use (ac-ft)	Institutional Use (ac-ft)	Industrial Use (ac-ft)	Total Potable Use (ac-ft)	Service Population	Gallons Per Capita Per Day
Boulder Farmstead Water Co.	44.5	0.0	4.5	10.0	0.1	59.0	230	229
Escalante Town Water System	231.9	0.0	33.1	5.6	0.0	270.6	800	302
Ticaboo Utility Improvement District	8.7	0.0	11.8	0.7	0.0	21.3	60	316
<b>County Totals**</b>	<b>285.1</b>	<b>0.0</b>	<b>49.4</b>	<b>16.3</b>	<b>0.1</b>	<b>350.9</b>	<b>1,090</b>	<b>287</b>

\*\*County Total GPCD is system weighted

**Table K-4.2 Garfield County 2015 Secondary Community Water System Use**

Water Supplier	Residential Use (ac-ft)	Commercial Use (ac-ft)	Institutional Use (ac-ft)	Industrial Use (ac-ft)	Total Secondary Use (ac-ft)	Service Population	Gallons Per Capita Per Day
Boulder Farmstead Water Co.						230	19
<i>Boulder Irrigation Company*</i>	18.6	0.0	0.0	0.0	18.6		
Escalante Town Water System						800	6
<i>Escalante Irrigation Company*</i>	525.3	0.0	0.0	0.0	525.3		
Ticaboo Utility Improvement District	0.0	0.0	0.0	0.0	0.0	60	0
<b>County Totals**</b>	<b>543.9</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>543.9</b>	<b>1,090.0</b>	<b>445</b>

\*Estimated data, \*\*County Total GPCD is system weighted

**Table K-4.3 Garfield County 2015 Reliable Potable Sources for Community Water Systems**

Water Supplier	Reliable Wells (ac-ft)	Reliable Springs (ac-ft)	Reliable Surface (ac-ft)	Total (ac-ft)
Boulder Farmstead Water Co.	144.6	56.5	0.0	201.1
Escalante Town Water System	201.8	376.1	0.0	577.9
Ticaboo Utility Improvement District	159.0	0.0	0.0	159.0
<b>County Totals</b>	<b>505.4</b>	<b>432.6</b>	<b>0.0</b>	<b>938.0</b>

**Table K-4.4 Garfield County 2015 Wholesale Potable Sources for Community Water Systems**

Water Supplier	Amount Provided (ac-ft)
There are no wholesale water sources for this county.	
<b>County Totals</b>	<b>0.0</b>

**Table K-5.1 Grand County 2015 Potable Community Water System Use**

Water Supplier	Residential Use (ac-ft)	Second Home Use (ac-ft)	Commercial Use (ac-ft)	Institutional Use (ac-ft)	Industrial Use (ac-ft)	Total Potable Use (ac-ft)	Service Population	Gallons Per Capita Per Day
Thompson Special Service District	9.4	0.0	11.2	13.1	5.8	39.5	30	1,175
<b>County Totals**</b>	<b>9.4</b>	<b>0.0</b>	<b>11.2</b>	<b>13.1</b>	<b>5.8</b>	<b>39.5</b>	<b>30</b>	<b>1,175</b>

\*\*County Total GPCD is system weighted

**Table K-5.2 Grand County 2015 Secondary Community Water System Use**

Water Supplier	Residential Use (ac-ft)	Commercial Use (ac-ft)	Institutional Use (ac-ft)	Industrial Use (ac-ft)	Total Secondary Use (ac-ft)	Service Population	Gallons Per Capita Per Day
Thompson Special Service District	0.0	0.0	0.0	0.0	0.0	30.0	0
<b>County Totals**</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>30.0</b>	<b>0</b>

\*\*County Total GPCD is system weighted

**Table K-5.3 Grand County 2015 Reliable Potable Sources for Community Water Systems**

Water Supplier	Reliable Wells (ac-ft)	Reliable Springs (ac-ft)	Reliable Surface (ac-ft)	Total (ac-ft)
Thompson Special Service District	0.0	161.4	0.0	161.4
<b>County Totals</b>	<b>0.0</b>	<b>161.4</b>	<b>0.0</b>	<b>161.4</b>

**Table K-5.4 Grand County 2015 Wholesale Potable Sources for Community Water Systems**

Water Supplier	Amount Provided (ac-ft)
There are no wholesale water sources for this county.	
<b>County Totals</b>	<b>0.0</b>

**Table K-6.1 Wayne County 2015 Potable Community Water System Use**

Water Supplier	Residential Use (ac-ft)	Second Home Use (ac-ft)	Commercial Use (ac-ft)	Institutional Use (ac-ft)	Industrial Use (ac-ft)	Total Potable Use (ac-ft)	Service Population	Gallons Per Capita Per Day
Bicknell Bottoms	1.8	0.0	1.6	0.0	0.0	3.4	40	76
Bicknell Town	27.6	0.0	13.1	4.9	7.5	53.0	320	148
Capitol Reef Nat'l Park	5.5	0.0	0.0	0.0	0.0	5.5	20	245
Fremont Waterworks Co.	34.4	0.0	0.0	2.3	7.5	44.2	240	164
Hanksville Culinary Water System	24.1	0.0	21.6	0.0	0.0	45.7	210	194
Loa Town Water System	94.9	0.0	39.0	15.2	0.0	149.1	550	242
Lyman Town Water System	26.4	0.0	2.5	0.1	0.0	29.0	260	100
Teasdale S.S.D.	89.9	0.0	5.2	1.1	0.0	96.1	180	477
Torrey Town Water System	119.6	0.0	13.2	38.4	0.0	171.3	290	527
<b>County Totals**</b>	<b>424.2</b>	<b>0.0</b>	<b>96.1</b>	<b>62.0</b>	<b>15.0</b>	<b>597.3</b>	<b>2,110</b>	<b>253</b>
**County Total GPCD is system weighted								

**Table K-6.2 Wayne County 2015 Secondary Community Water System Use**

Water Supplier	Residential Use (ac-ft)	Commercial Use (ac-ft)	Institutional Use (ac-ft)	Industrial Use (ac-ft)	Total Secondary Use (ac-ft)	Service Population	Gallons Per Capita Per Day
Bicknell Bottoms	0.0	0.0	0.0	0.0	0.0	40	0
Bicknell Town						320	429
<i>Fremont Irrigation Company*</i>	153.8	0.0	0.0	0.0	153.8		
Capitol Reef Nat'l Park						20	2,120
<i>Capitol Reef NP Secondary System*</i>	0.0	0.0	47.5	0.0	47.5		
Fremont Waterworks Co.						240	322
<i>Fremont Irrigation Company*</i>	79.9	0.0	6.8	0.0	86.7		
Hanksville Culinary Water System						210	278
<i>Hanksville Canal Company*</i>	42.8	0.0	22.5	0.0	65.3		
Loa Town Water System						550	187
<i>Fremont Irrigation Company*</i>	93.9	0.0	21.3	0.0	115.1		
Lyman Town Water System						260	356
<i>Fremont Irrigation Company*</i>	79.1	0.0	24.6	0.0	103.7		
Teasdale S.S.D.						180	356
<i>Dionkey Irrigation Co.*</i>	5.5	0.0	0.0	0.0	5.5		
<i>Bullberry Irrigation Company*</i>	66.3	0.0	0.0	0.0	66.3		
Torrey Town Water System						290	362
<i>Sand Creek Irrigation Company*</i>	53.4	0.0	0.0	0.0	53.4		
<i>Torrey Canal Company*</i>	53.4	0.0	11.0	0.0	64.4		
<b>County Totals**</b>	<b>628.0</b>	<b>0.0</b>	<b>133.7</b>	<b>0.0</b>	<b>761.7</b>	<b>2,110</b>	<b>322</b>

\*Estimated data, \*\*County Total GPCD is system weighted

**Table K-6.3 Wayne County 2015 Reliable Potable Sources for Community Water Systems**

<b>Water Supplier</b>	<b>Reliable Wells (ac-ft)</b>	<b>Reliable Springs (ac-ft)</b>	<b>Reliable Surface (ac-ft)</b>	<b>Total (ac-ft)</b>
Bicknell Bottoms	0.0	0.0	0.0	<b>0.0</b>
Bicknell Town	0.0	161.4	0.0	<b>161.4</b>
Capitol Reef Nat'l Park	15.0	0.0	0.0	<b>15.0</b>
Fremont Waterworks Co.	0.0	398.7	0.0	<b>398.7</b>
Hanksville Culinary Water System	201.8	0.0	0.0	<b>201.8</b>
Loa Town Water System	408.4	129.1	0.0	<b>537.5</b>
Lyman Town Water System	0.0	96.9	0.0	<b>96.9</b>
Teasdale S.S.D.	80.7	129.1	0.0	<b>209.8</b>
Torrey Town Water System	0.0	452.0	0.0	<b>452.0</b>
<b>County Totals</b>	<b>705.8</b>	<b>1,367.2</b>	<b>0.0</b>	<b>2,073.0</b>



**Table K-6.4 Wayne County 2015  
Wholesale Potable Sources for Community  
Water Systems**

Water Supplier	Amount Provided (ac-ft)
Bicknell Town	
<i>Bicknell Bottoms</i>	3.4
<b>County Totals</b>	<b>3.4</b>

# **Appendix L**

## **West Desert Basin Data Tables**

**Table L-1 West Desert Basin 2015 Community System Water Data**

County	Box Elder		Millard		Tooele		Basin Total	
Population	460		40		59,290		59,790	
Potable Water Use	ac-ft/year	GPCD	ac-ft/year	GPCD	ac-ft/year	GPCD	ac-ft/year	GPCD
Residential	122.8	238	71.3	1591	7,717.9	116	7,912.0	118
Commercial	65.5	127	0.0	0	1,439.2	22	1,504.7	22
Institutional	29.9	58	0.0	0	1,585.5	24	1,615.4	24
Industrial	0.0	0	0.0	0	378.0	6	378.0	6
Total Potable <sup>++</sup>	218.3	424	71.3	1591	11,120.5	167	11,410.1	170
Secondary Water Use	ac-ft/year	GPCD	ac-ft/year	GPCD	ac-ft/year	GPCD	ac-ft/year	GPCD
Residential	0.0	0	0.0	0	2,524.2	38	2,524.2	38
Commercial	0.0	0	0.0	0	0.0	0	0.0	0
Institutional	0.0	0	0.0	0	1,465.4	22	1,465.4	22
Industrial	0.0	0	0.0	0	0.0	0	0.0	0
Total Secondary <sup>++</sup>	0.0	0	0.0	0	3,989.6	60	3,989.6	60
Potable Reliable Supply	ac-ft/year		ac-ft/year		ac-ft/year		ac-ft/year	
Springs	89.8		0.0		4,927.9		5,017.7	
Wells	327.5		83.1		22,262.4		22,673.0	
Surface	0.0		0.0		0.0		0.0	
Total Reliable	417.3		83.1		27,190.3		27,690.7	

<sup>++</sup>Total GPCDs are county weighted

**Table L-2.1 Box Elder County 2015 Potable Community Water System Use**

Water Supplier	Residential Use (ac-ft)	Second Home Use (ac-ft)	Commercial Use (ac-ft)	Institutional Use (ac-ft)	Industrial Use (ac-ft)	Total Potable Use (ac-ft)	Service Population	Gallons Per Capita Per Day
East Grouse Creek Pipeline Co.*	22.0	0.0	1.0	3.0	0.0	26.0	30	774
Howell Town Water System	51.8	0.0	34.5	14.9	0.0	101.2	260	347
Snowville Town*	49.0	0.0	30.0	12.0	0.0	91.0	170	478
<b>County Totals**</b>	<b>122.8</b>	<b>0.0</b>	<b>65.5</b>	<b>29.9</b>	<b>0.0</b>	<b>218.2</b>	<b>460</b>	<b>423</b>

\*Estimated data, \*\*County Total GPCD is system weighted

**Table L-2.2 Box Elder County 2015 Secondary Community Water System Use**

Water Supplier	Residential Use (ac-ft)	Commercial Use (ac-ft)	Institutional Use (ac-ft)	Industrial Use (ac-ft)	Total Secondary Use (ac-ft)	Service Population	Gallons Per Capita Per Day
East Grouse Creek Pipeline Co.	0.0	0.0	0.0	0.0	0.0	30	0
Howell Town Water System	0.0	0.0	0.0	0.0	0.0	260	0
Snowville Town	0.0	0.0	0.0	0.0	0.0	170	0
<b>County Totals**</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>460</b>	<b>0</b>

\*\*County Total GPCD is system weighted

**Table L-2.3 Box Elder County 2015 Reliable Potable Sources for Community Water Systems**

Water Supplier	Reliable Wells (ac-ft)	Reliable Springs (ac-ft)	Reliable Surface (ac-ft)	Total (ac-ft)
East Grouse Creek Pipeline Co.	24.5	67.8	0.0	92.3
Howell Town Water System	173.9	22.0	0.0	195.9
Snowville Town	129.1	0.0	0.0	129.1
<b>County Totals</b>	<b>327.5</b>	<b>89.8</b>	<b>0.0</b>	<b>417.3</b>

**Table L-2.4 Box Elder County 2015 Wholesale Potable Sources for Community Water Systems**

Water Supplier	Amount Provided (ac-ft)
There are no wholesale water sources for this county.	
<b>County Totals</b>	<b>0.0</b>

**Table L-3.1 Millard County 2015 Potable Community Water System Use**

Water Supplier	Residential Use (ac-ft)	Second Home Use (ac-ft)	Commercial Use (ac-ft)	Institutional Use (ac-ft)	Industrial Use (ac-ft)	Total Potable Use (ac-ft)	Service Population	Gallons Per Capita Per Day
Shiloah Wells Water Co. (Eskdale)	71.3	0.0	0.0	0.0	0.0	71.3	40	1,591
<b>County Totals**</b>	<b>71.3</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>71.3</b>	<b>40</b>	<b>1,591</b>
**County Total GPCD is system weighted								

**Table L-3.2 Millard County 2015 Secondary Community Water System Use**

Water Supplier	Residential Use (ac-ft)	Commercial Use (ac-ft)	Institutional Use (ac-ft)	Industrial Use (ac-ft)	Total Secondary Use (ac-ft)	Service Population	Gallons Per Capita Per Day
Shiloah Wells Water Co. (Eskdale)	0.0	0.0	0.0	0.0	0.0	40.0	0
<b>County Totals**</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>40.0</b>	<b>0</b>
**County Total GPCD is system weighted							

**Table L-3.3 Millard County 2015 Reliable Potable Sources for Community Water Systems**

Water Supplier	Reliable Wells (ac-ft)	Reliable Springs (ac-ft)	Reliable Surface (ac-ft)	Total (ac-ft)
Shiloah Wells Water Co. (Eskdale)	83.1	0.0	0.0	83.1
<b>County Totals</b>	<b>83.1</b>	<b>0.0</b>	<b>0.0</b>	<b>83.1</b>

**Table L-3.4 Millard County 2015 Wholesale Potable Sources for Community Water Systems**

Water Supplier	Amount Provided (ac-ft)
There are no wholesale water sources for this county.	
<b>County Totals</b>	<b>0.0</b>



**Table L-4.1 Tooele County 2015 Potable Community Water System Use**

Water Supplier	Residential Use (ac-ft)	Second Home Use (ac-ft)	Commercial Use (ac-ft)	Institutional Use (ac-ft)	Industrial Use (ac-ft)	Total Potable Use (ac-ft)	Service Population	Gallons Per Capita Per Day
Dugway - English Village	128.1	0.0	209.2	209.2	209.2	755.7	890	758
Erda Acres Water Co.	145.5	0.0	0.0	1.2	0.0	146.8	300	437
Grantsville City	951.9	0.0	408.7	241.6	0.0	1,602.2	9,860	145
Lincoln Culinary Water Assn.	64.1	0.0	0.0	3.2	0.0	67.3	520	115
Ophir Canyon Water Assn.	16.8	0.0	0.0	2.8	0.0	19.6	50	350
Oquirrh Mountain Water Co.	43.4	0.0	60.3	1.0	0.0	104.7	420	223
S and W Trailer Park*	5.8	0.0	0.3	0.0	0.2	6.3	30	187
Silver Spur Ranchos	47.3	0.0	0.0	0.0	0.0	47.3	220	192
South Rim Water System	134.2	0.0	0.0	0.0	0.0	134.2	350	342
Stansbury Park Improvement District	1,761.8	0.0	72.6	470.4	15.7	2,320.4	10,520	197
Stockton Town Water System	230.9	0.0	1.5	5.5	0.0	237.8	710	299
Tooele City Water System	4,044.7	0.0	562.0	582.6	103.9	5,293.2	33,990	139
Vernon Waterworks S.S.D.	22.0	0.0	0.0	0.0	0.0	22.0	240	82
Wendover City Water System	100.0	0.0	124.7	65.0	47.6	337.2	1,040	289
West Erda Improvement District (Golden Gardens)*	21.4	0.0	0.0	3.0	1.5	25.9	150	154
<b>County Totals**</b>	<b>7,717.9</b>	<b>0.0</b>	<b>1,439.2</b>	<b>1,585.5</b>	<b>378.0</b>	<b>11,120.5</b>	<b>59,290</b>	<b>167</b>
*Estimated data, **County Total GPCD is system weighted								

**Table L-4.2 Tooele County 2015 Secondary Community Water System Use**

Water Supplier	Residential Use (ac-ft)	Commercial Use (ac-ft)	Institutional Use (ac-ft)	Industrial Use (ac-ft)	Total Secondary Use (ac-ft)	Service Population	Gallons Per Capita Per Day
Dugway - English Village						890	241
<i>English Village Common Area and GC Secondary System</i>	0.0	0.0	240.0	0.0	240.0		
Erda Acres Water Co.	0.0	0.0	0.0	0.0	0.0	300	0
Grantsville City						9,860	215
<i>Grantsville Irrigation*</i>	2,370.4	0.0	0.0	0.0	2,370.4		
Lincoln Culinary Water Assn.						520	29
<i>Middle Canyon Irrigation*</i>	17.1	0.0	0.0	0.0	17.1		
Ophir Canyon Water Assn.	0.0	0.0	0.0	0.0	0.0	50	0
Oquirrh Mountain Water Co.	0.0	0.0	0.0	0.0	0.0	420	0
S and W Trailer Park	0.0	0.0	0.0	0.0	0.0	30	0
Silver Spur Ranchos	0.0	0.0	0.0	0.0	0.0	220	0
South Rim Water System	0.0	0.0	0.0	0.0	0.0	350	0
Stansbury Park Improvement District						10,520	104
<i>Stansbury Park Secondary System</i>	0.0	0.0	1,220.4	0.0	1,220.4		
Stockton Town Water System						710	6
<i>Soldier Canyon*</i>	0.0	0.0	5.0	0.0	5.0		
Tooele City Water System						33,990	3
<i>Middle Canyon Irrigation*</i>	76.2	0.0	0.0	0.0	76.2		
<i>Settlement Canyon Irrigation*</i>	38.0	0.0	0.0	0.0	38.0		
Vernon Waterworks S.S.D.						240	84
<i>Vernon Irrigation*</i>	22.5	0.0	0.0	0.0	22.5		
Wendover City Water System	0.0	0.0	0.0	0.0	0.0	1,040	0
West Erda Improvement District (Golden Gardens)	0.0	0.0	0.0	0.0	0.0	150	0
<b>County Totals**</b>	<b>2,524.2</b>	<b>0.0</b>	<b>1,465.4</b>	<b>0.0</b>	<b>3,989.5</b>	<b>59,290</b>	<b>60</b>

\*Estimated data, \*\*County Total GPCD is system weighted

**Table L-4.3 Tooele County 2015 Reliable Potable Sources for Community Water Systems**

<b>Water Supplier</b>	<b>Reliable Wells (ac-ft)</b>	<b>Reliable Springs (ac-ft)</b>	<b>Reliable Surface (ac-ft)</b>	<b>Total (ac-ft)</b>
Dugway - English Village	2,058.0	0.0	0.0	<b>2,058.0</b>
Erda Acres Water Co.	500.2	0.0	0.0	<b>500.2</b>
Grantsville City	3,393.7	0.0	0.0	<b>3,393.7</b>
Lincoln Culinary Water Assn.	44.4	81.8	0.0	<b>126.1</b>
Ophir Canyon Water Assn.	41.7	16.1	0.0	<b>57.8</b>
Oquirrh Mountain Water Co.	1,443.8	0.0	0.0	<b>1,443.8</b>
S and W Trailer Park	20.2	0.0	0.0	<b>20.2</b>
Silver Spur Ranchos	25.0	0.0	0.0	<b>25.0</b>
South Rim Water System	471.0	0.0	0.0	<b>471.0</b>
Stansbury Park Improvement District	4,802.0	0.0	0.0	<b>4,802.0</b>
Stockton Town Water System	484.2	645.7	0.0	<b>1,129.9</b>
Tooele City Water System	8,893.8	0.0	0.0	<b>8,893.8</b>
Vernon Waterworks S.S.D.	44.4	0.0	0.0	<b>44.4</b>
Wendover City Water System	0.0	4,184.4	0.0	<b>4,184.4</b>
West Erda Improvement District (Golden Gardens)	40.1	0.0	0.0	<b>40.1</b>
<b>County Totals</b>	<b>22,262.4</b>	<b>4,927.9</b>	<b>0.0</b>	<b>27,190.3</b>

**Table L-4.4 Tooele County 2015 Wholesale Potable Sources for Community Water Systems**

Water Supplier	Amount Provided (ac-ft)
There are no wholesale water sources for this county.	
<b>County Totals</b>	<b>0.0</b>

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