Integrated Municipal Application Package ("IMAP")

Respectfully Submitted to
The Idaho Department of Water Resources
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By
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Marden Water Treatment Plant
Boise, Idaho

Submitted to the

Idaho Department of Water Resources

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This submission to the Idaho Department of Water Resources constitutes United Water Idaho's *Integrated Municipal Application Package* ("IMAP"). It seeks to change the Company's portfolio of 93 water rights and 19 permits to bring them within the Municipal Water Rights Act of 1996. It includes the following components:

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A. EXECUTIVE SUMMARY

1. Background

Five years ago, the Idaho Legislature enacted the Municipal Water Rights Act of 1996 ("1996 Act" or the "Act"). This statute codified substantive and procedural law embodying what has come to be known as the "growing communities doctrine." The thrust of the Act is to encourage municipal providers to establish a long term "planning horizon" and to engage in planning for water rights acquisition to ensure that they will be able to satisfy the needs of their customers throughout the planning horizon. Water rights held for this purpose are referred to as the "planning horizon component" ("PHC") of the provider's portfolio of rights.

This *Integrated Municipal Application Package* ("IMAP") is submitted by United Water Idaho Inc. ("United Water," "UWID" or the "Company") to the Idaho Department of Water Resources ("IDWR" or the "Department") as a direct result of the 1996 Act. Its purpose is to bring UWID's portfolio of water rights[1] within the protection and obligations of the 1996 Act.

The core of the IMAP consists of two sets of change applications: First, UWID seeks to change 93 ground water rights (Tab H). Second, UWID seeks to amend 19 water right permits,[2] all but one of which are for ground water[3] (Tab I). These applications are supported by a series of spreadsheets, identifying and describing various aspects of the water rights in UWID's portfolio (Tabs J through N). Finally, the IMAP documents the various planning requirements under the 1996 Act:

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[1]In addition to water rights and permits addressed in this IMAP, the Company owns certain other entitlements to the use of surface water. UWID is not seeking to change the water rights behind these entitlements. They are fully disclosed, taken into account, and discussed in Part E7 at page 38. In addition, UWID owns a contract entitlement to water from Anderson Ranch Reservoir which is used solely for mitigation purposes in connection with Water Right No. 63-02892. Because this right does not supply water to UWID's customers, but instead benefits other water users, it is not deemed part of UWID's portfolio for purposes of quantifying UWID's planning horizon component.

[2]UWID is now in the process of proving up on these permits. If some or all of them are approved as licenses prior to the time the Department completes processing of this IMAP, we request that, in each case, the *Application for Amendment of Permit* be treated as an *Application for Transfer of Water Right*.

[3]The only surface water permit in UWID's portfolio is its Marden Treatment Plant right from the Boise River, No. 63-12055. By including this permit in the IMAP, United Water does not intend to have this permit treated as an alternate point of diversion for any of its ground water rights.

Tab B	⇨	Definitions
Tab C	⇨	The Company's history
Tab D	⇨	Objectives of the IMAP
Tab E	⇨	Quantification of water needs for the planning horizon
Tab F	⇨	Analysis of comprehensive plans in all areas served
Tab G	⇨	Summary

2. Planning Horizon Established

The IMAP establishes a planning horizon of fifty years. If the IMAP is approved by the Department, this will authorize UWID to acquire water rights for its portfolio sufficient to serve reasonably anticipated needs over the next fifty years. Water rights held for this purpose pursuant to a such a documented planning horizon are expressly declared to constitute "beneficial use" of the state's water.

The IMAP then sets about determining the quantity of water which will be necessary to serve UWID's customers in the year 2050.

3. Planning Area Mapped

The first step in determining projected demand is to delineate the area which will be served, termed the "planning area." The planning area is shown graphically on the accompanying map (Appendix B). Many areas which are likely to be served by UWID in the future (and even some areas which are served today) were nevertheless excluded from the planning area.[4]

First, the planning area was limited to Ada County. There are two small, non-contiguous areas in Canyon County served by UWID. They account for such a small fraction of the Company's systemwide demand, however, that we could not justify complicating the population projection analysis by including them within the planning area at this time. It should be noted, however, that the points of diversion associated with

[4]The planning area, as its name implies, is solely a planning device. It does not control or limit the provider's ultimate service area. The effect of exclusions of potential service areas from the planning area is solely to reduce the quantity of water which UWID is entitled to claim as its planning horizon component ("PHC"). On the other hand, the quantity of water actually delivered today to areas outside the planning area is included in the total service projection. (See footnote 18 at 27.) The inclusion or exclusion of an area from the planning area has no legal effect on what areas UWID ultimately may be authorized to serve with its PHC water rights. UWID's actual "certificated area" is determined from time to time by the PUC. Under the 1996 Act, the Company's "service area" for these water rights will follow changes in the certificated area automatically.

these two Canyon County neighborhoods are included in the "alternative points of diversion" change discussed in Part D2 at page 15, even though they are not part of the "planning area."

Second, the planning area excludes communities which have their own water supply system, such as Garden City, Meridian, Kuna, Star and parts of Eagle.

Third, as required by the 1996 Act, the planning area excludes certain areas which are subject to unresolved planning conflicts among competing governmental entities or to competition among potential water providers. For this reason, the planning area does not include growth areas surrounding Kuna and Star, and it excludes the entire Eagle area.

4. Year 2050 Population Projected

Next the IMAP predicts population for the planning area through the year 2050. UWID contracted with John S. Church, President of Idaho Economics, to assist it in making accurate population projections. Mr. Church estimated the planning area's population through the year 2050 using a sophisticated econometric model that predicts population by estimating the natural increase of the existing population and then adjusting for the net migration into the area resulting from the predicted creation of new jobs. The model generates a state-wide population estimate that is then broken down by county. The model predicts an Ada County population of 813,966 in the year 2050.

Since UWID's planning area covers only part of Ada County, it was necessary to further refine the Ada County population estimate to predict which portion of it will reside in the planning area. This was done by utilizing the distribution of the population from the Community Planning Association of Southwest Idaho's ("Compass") population forecast of Ada County by traffic analysis zones ("TAZs"). TAZs are infrastructure and zoning based geographic areas used by government agencies for transportation planning in the Treasure Valley. Compass' existing population forecast is somewhat dated, first published in 1997, and it was necessary to update the projections for the TAZs to reflect Mr. Church's more current population forecast. Using Compass' 1997 distribution as a starting point, and then incorporating Compass' 1999 estimates to further refine the calibration, United Water allocated the population from its fifty-year forecast to the TAZs. United Water then overlayed the TAZs on the planning area map, identified those TAZs within its planning area, and totaled the population estimates for all those TAZs in the planning area. The result is a planning area population of 540,020— roughly 66% of the total predicted 2050 Ada County population.

Comparing the projected population of 540,020 to UWID's current service area population of 192,960 yields an annual rate of growth of 2.08 percent over the fifty year period. Considering that the County has experienced 3.22 percent growth rate for the previous 30 years, and a 3.50 percent growth rate over the past decade, UWID believes that its projection is appropriate and, indeed, quite conservative.

5. Projecting Total Annual Demand

Predicting population is only the first step in calculating anticipated future water demand. The next step is to calculate the quantity of water that the population is expected to consume. Whether that population comes in the form of landscaped suburban homes, high density apartments or commercial uses will substantially affect water demand. Likewise, the price elasticity of water can affect aggregate demand.

To calculate total water demand, United first predicted the number of residential and commercial customers it expected to have in the planning area in 2050 based on the same econometric model used for predicting total population. The model distributed the predicted population into households (residential customers) and predicted the level of commercial development that would serve those households and a commuting population from western Ada and Canyon Counties.

Next, UWID estimated the average demand for residential and commercial customers in the year 2050. UWID began by calculating a bi-monthly average demand for residential and commercial customers using 15 years of historical sales data and collecting monthly precipitation, temperature, and water price data to establish a comprehensive database. Using a regression analysis, these same variables, and an independent variable that accounts for conservation effects, then were used to estimate the bi-monthly and annual future residential and commercial demand each year through 2050.

To the projected annual residential and commercial water demands, UWID added other system demands that tap its water delivery system. These include consumption by (1) public sector customers, (2) a small number of other customers that do not fit in any other category, (3) fire hydrant use, (4) system losses, and (5) UWID's own use. The total predicted demand for each category was estimated using ratios calculated by analyzing the historical relationship between each category to either annual residential and commercial demand or total system water production. UWID then calculated the total estimated demand by summing the totals from each category. The result is a predicted demand of approximately 48 billion gallons annually in the year 2050.

This figure includes a price effect on water demand that equals the rate of inflation, which is expected to average 2.5% over the planning horizon. However, because UWID anticipates the construction of significant infrastructure improvements in the early years of the planning horizon to meet anticipated demand, it adjusted the calculation to predict customers' response to water prices that increase at a rate faster than inflation in the first half of the planning horizon. UWID calculated this price effect by predicting a series of six tiered price increases over the planning horizon's first 20 years in an effort to match historical trends in both the timing and magnitude of rate increases. The result reduced the total predicted demand by over 1 billion gallons to approximately 46.8 billion gallons. This compares to a year 2000 annual demand of approximately 17 billion gallons, equating to a 2.01 annual percentage increase over the 50 year planning horizon.

UWID next assessed whether the availability of non-potable irrigation ("NPI")[5] in the planning area would reduce demand. For this analysis, UWID estimated the potential availability for NPI in the planning area starting with *IDWR Land Use Cover Data* from 1994 which identifies irrigated acres. Using year 2000 areal photography and physical inspections, UWID updated its estimate of the available NPI acreage. In the end, a very limited number of currently irrigated acres are available in the planning area for conversion to NPI. Furthermore, it is expected that the high cost of retrofitting will not make conversion to NPI economical in developed areas where it does not already exist. UWID calculated the effect on total demand if NPI is used on those lands where it would be available. The reduction was so minor that it did not change the estimated demand.

6. Quantification of Peak Demand

Municipal water rights are quantified only in terms of peak flow, not annual volume. Consequently, the final step was to convert the predicted annual consumption to predict peak flow.

Comparing the relationship between peak month production and peak day production over 12 years of available data, UWID determined that the annual daily peak water production represents 3.82 percent of annual peak month production. (In other words, the hottest day demand can be predicted from the hottest month demand, and this relationship has proven stable over the years.)

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[5]By "non-potable irrigation" we refer to separate (also called "dual") domestic lawn irrigation systems which apply non-potable water from non-municipal supplies (such as irrigation canals). These are sometimes referred to as "pressurized" irrigation systems to distinguish them from non-pressurized crop irrigation. We do not use that term, however, because it fails to distinguish pressurized irrigation systems using municipal water.

By breaking annual demand into monthly totals and then applying the daily peaking factor to the predicted peak month production in 2050, UWID predicts peak day demand of 268 million gallons, or a daily flow rate of 416.8 cfs in 2050.[6] Compared to the current peak demand of 147.5 cfs, this reflects an annual increase of 2.10 percent.

The bottom line is reflected in Table 11 at page 50. UWID is entitled to hold a water rights portfolio of up to 416.8 cfs. Its current portfolio measures 313.91, meaning that UWID is entitled to acquire additional water rights totaling 104.70 cfs if this IMAP is approved.

7. Additional Changes

In addition in determining the size of UWID's planning horizon component, the IMAP seeks a variety of changes in the Company's current portfolio of water rights. The most notable change is to make each point of diversion for every ground water right an alternative point of diversion for every ground water right in UWID's portfolio. UWID will agree to a condition ensuring that this change will not be used to cause well interference to any existing, senior priority well. In other words, any well in existence at the time this IMAP is improved will not be subject to any additional well interference if the request for alternate points of diversion is approved.

UWID also has provided a consistent description of its service areas for all its water rights, as well as a uniform statement of the nature of use and season of use for each right.

Finally, inconsistent methods of quantification are proposed to be eliminated, so that all rights may be expressed and measured in terms of peak flow (cfs). In so doing, appropriate adjustments are made to ensure against any enlargement.

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[6]This is a conservative calculation that likely underestimates the instantaneous peak demand on the system because it averages out fluctuating demand over a 24-hour period. In reality, on the peak day, demand will fluctuate and instantaneous demand (typically highest in the morning) on the system will be higher than 416.8 cfs. However, UWID currently uses small reservoirs to help meet these fluctuating peaks and anticipates that it will continue to do so in the future, making average peak day demand a reasonable estimate of the system's peak.

B. DEFINITIONS

For the convenience of the reader, the following table provides an explanation of commonly used terms, acronyms and shorthand references.

TABLE 1
EXPLANATION OF ACRONYMS AND SHORTHAND REFERENCES

Full name	Shorthand	Explanation
Acre-feet	af	This is a volumetric measure equal to an acre filled to the depth of one foot.
Acre-feet per annum	AFA	This refers to the number of acre-feet which are produced in one year.
Certificated area		The "certificated area" of a municipal water supplier regulated by the PUC is that area which it is authorized and required to serve. Unlike the more loosely defined "service area" under the 1996 Act, the certificated area is precisely defined, and must be amended (with the approval of the PUC) to bring in each new area.
Change / Transfer		The terms "change" and "transfer" are often used interchangeably to describe a change in point of diversion, period of use, nature of use, and/or place of use. The terms can also be used to describe the conveyance of title to a water right - that is, a change or transfer in ownership.
Community Planning Association of Southwest Idaho	COMPASS	This organization is the successor to the Ada Planning Association. It provides detailed population projections for the Treasure Valley.
Cubic feet per second	cfs	This is the standard flow measure for water rights.
Director of IDWR	The Director	The Director of the Idaho Department of Water Resources, Karl J. Dreher
Future needs		The term "future needs" is sometimes employed to describe the water rights that make up the PHC. This term is misleading because the 1996 Act expressly declares these rights to constitute beneficial use of water rights today. See footnote 15 at page 24.
Growing communities doctrine		This is the common law doctrine which recognizes that water rights held by municipal providers for reasonably anticipated needs satisfy the requirement of current beneficial use under Idaho Water Law.
Idaho Department of Water Resources	IDWR or the Department	This is the Idaho state agency which administers water rights.

Integrated Municipal Application Package	IMAP	This is a submission, such as this one, intended to change much or all of a municipal provider's portfolio of water rights to bring them within the 1996 Act. It contains traditional change application materials as well as supporting documentation for the planning horizon component. This IMAP is really a collection of 93 applications for change of water right and 19 applications for amendment of permit.
Million gallons per day	MGD	This is a flow measure commonly employed by municipalities. 1 MGD equates to a continuous flow of 1.547 cfs or 1,120.147 acre-feet/year.
Municipal Water Rights Act of 1996	1966 Act	This is the legislative codification of the growing communities doctrine, which is the foundation of this IMAP. The full citation is Municipal Water Rights Act of 1996, 1996 Idaho Sess. Laws, ch. 297, codified at Idaho Code §§ 42-202, 42-202B, 42-217, 42-219, 42-222.
Non-potable irrigation	NPI	This phrase refers to "non-potable irrigation" systems which deliver *untreated* water for lawn and park irrigation from a non-municipal source, such as an irrigation district. These are sometimes referred to a "pressurized irrigation facilities" or PIF. The term "PIF" is confusing, however, in that most domestic irrigation systems are pressurized, regardless of whether they obtain their water from municipal or untreated non-municipal sources. Consequently, we have employed the term "non-potable irrigation" to describe the systems providing untreated water from non-municipal sources—irrespective of whether it is provided in a pressurized or un-pressurized system.
Planning horizon component	PHC	This refers to the portion of a water right (or of a portfolio of water rights) which is held to meet reasonably anticipated needs within an approved planning horizon, as provided in the 1996 Act. Idaho Code §§ 42-202B(5) and (6).
Planning area		UWID's planning area is depicted on the map attached hereto as Appendix B. The planning area is essentially UWID's prediction as to what its service area will actually be fifty years from now (subject to specified statutory exclusions). See discussion in Part E4 beginning on page 26.
Public Utilities Commission (or Idaho Public Utilities Commission)	PUC (or IPUC)	The PUC has regulatory authority over UWID and all other investor-owned companies providing water and power to the public.

Service area		The term "service area" is a term of art under the 1996 Act. It refers to the evolving geographic area served by a particular municipal provider. Unlike other water users, municipal providers do not have fixed and precise places of use, but broadly defined service areas which grow and evolve over time. The term "service area" should not be confused with "planning area" or "certificated area" (see those definitions).
Traffic Analysis Zones	TAZs	Geographic areas designed by Compass using zoning and infrastructure data to predict traffic patterns.
United Water Idaho Inc.	United Water, UWID or the Company	UWID is the applicant for these change applications.

C. HISTORICAL BACKGROUND

United Water Idaho Inc. and its predecessors have been the principal supplier of municipal water to the City of Boise and surrounding communities for over a century. In 1890—the same year Idaho was granted statehood—the Artesian Water and Land Development Improvement Company began serving downtown Boise City. The entire system consisted of two artesian wells and a single reservoir in Hulls Gulch, with two and a half miles of main running down Eighth Street to the old Eastman Hotel.

In the following year, 1891, Artesian Water merged with Boise Waterworks to form the Artesian Hot and Cold Water Company. The Company provided not only drinking water, but captured thermal water from hot springs to heat buildings, homes, and the historic Natatorium.

In 1913, with the advent of the Idaho Public Utilities Commission, the Company was divided into hot and cold components. Boise Water Company took the drinking water side, while Natatorium Water supplied hot water for heat. Boise Water Company was formally incorporated in 1928, and was acquired by General Waterworks Corporation 18 years later in 1946. In 1994, General Waterworks Corporation merged with United Water Resources, forming the second largest investor-owned water services company in the nation. In 1995, the Boise Water Company changed its name to United Water Idaho Inc. to reflect its relationship to its parent company, United Water Resources, and its similarly named sister corporations across the nation.

United Water Resources is a holding company which provides water and wastewater services in 19 states and Canada. Its stock is traded on the New York Stock Exchange under the symbol UWR. The majority owner is Suez Lyonnaise des Eaux, a world leader in private infrastructure services.

In the 109 years since its inception, the Company's water rights system has expanded to nearly 100 wells, 27 reservoirs, several surface water rights and entitlements, and a raw water treatment plant. The system serves customers throughout the Treasure Valley with 813 miles of water mains, 38 booster stations, and six pressure levels in a service area covering 150 square miles. Today the system serves 67,223 connections (customers).[7] This equates to 214,615 people, including their homes, businesses, industries, parks, open space, and water amenities which are served within UWID's service area today.

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[7]These connections include individual residences, apartment buildings (which typically count as one connection), and commercial/industrial/park and other users.

D. OBJECTIVES OF THIS IMAP

1. Introduction

Following the enactment of the Municipal Water Rights Act of 1996, UWID has undertaken a comprehensive review of its water rights portfolio. As a result, the Company wishes to integrate its entire ground and surface water right portfolio[8]—93 water rights and 19 permits—into the new statutory framework for municipal planning needs and to update the portfolio to reflect the integrated nature of UWID's municipal supply system in Ada County.

The water rights associated with UWID's municipal supply system—as they are currently documented in existing licenses, permits and beneficial use claims—do not adequately reflect the integrated nature of the system or the forward looking vision and service responsibilities of UWID. By this change, UWID seeks to update its water right portfolio to better match the configuration of the supply system and to recognize that a portion of the current portfolio is held to meet demand during the Company's planning horizon.

To accomplish these goals, UWID proposes the following for each of the water rights included in this IMAP:

- ✔ Recognize each well within the interconnected system as an alternate point of diversion for each ground water right.
- ✔ Establish a municipal nature of use for each water right, per the 1996 Act.
- ✔ Establish a consistent place of use description for all its water rights, based on the service area concept in the 1996 Act.
- ✔ Amend the season of use for all ground water rights to consistently reflect full year usage.
- ✔ Adjust diversion quantities for volume limited rights to reflect a continuous flow rate.

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[8] See footnote 1 at page 4 regarding the exclusion of certain surface water entitlements from this IMAP.

✔ Designate a portion of the total diversion rate reflected in the portfolio as the planning horizon component ("PHC") under the 1996 Act.

We discuss each of these components below.

2. Alternate Points of Diversion

One of the goals of the proposed change is to adjust UWID's water rights portfolio to recognize the management efficiencies built into the operation of UWID's municipal water supply system. This goal requires recognition that each well operated by UWID serves as an alternate point of diversion for each of UWID's ground water rights.

UWID currently operates a system of wells that each feed into a pressurized and interconnected supply system.[9] In addition to wells and supply lines, the system contains booster pumps, reservoirs and interties which all act to move water throughout the system to most efficiently meet the current localized demands. The current water right descriptions do not recognize this flexibility—which UWID has built into its system at considerable cost and with considerable benefits to its customers.

For example, UWID uses its best and most efficient wells around the clock to meet the base demand on the system. As demand surges at different locations within the system, additional wells are electronically activated. The sequence in which the various wells are used to meet the increasing demand is a function of each well's quality and its geographic location in relation to the increased demand. The system maximizes efficiency through a complex, integrated management system which automatically responds to fluctuations in demand, maximizes production of the best wells, stores water, utilizes stored water, and transports water to different service levels.

By and large, the best and most efficient wells in the system are the newer wells. Typically, as each new well is drilled, UWID has obtained, with the Department's approval, additional junior priority water rights, without surrendering the older priority rights. In this way, the overall size of the Company's portfolio has increased in proportion to the newest increase in production capacity. As a practical matter, UWID has met municipal demand by using its water rights interchangeably. Thus, the oldest priority water rights have continued to be used to meet base demand, even as new wells

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[9] United Water also has included four permits for systems that presently are not part of the interconnected system (63-12424, 63-12463, 63-12506 and 63-12552). However, United Water anticipates that they may be in future and in any event believes that it should be permitted to manage these rights as part of its overall portfolio of rights, using its planning horizon water rights to meet future demands on these systems. *See* Section E4(a).

are brought on line. Meanwhile, the most junior priority water rights are added to the portfolio and held to meet reasonably anticipated demand over time, as contemplated under the growing communities doctrine.

This process of acquiring new water rights for each new well has created a water right portfolio which superficially ties each of UWID's water rights to a particular well. UWID seeks to amend its portfolio to conform these rights to the actual practice of interchangeable use. Amending UWID's ground water rights to allow each well as an alternate point of diversion will allow UWID to continue to maximize the efficiency of its system by allowing the diversions from the most senior rights to be diverted using the best wells.

By obtaining alternate points of diversion, UWID does not seek to reallocate water rights among its wells to the detriment of other aquifer pumpers. UWID simply seeks authorization to move licensed quantities around to the most efficient well where this can be done without injury. With this in mind, UWID expects that each existing well will retain the priority date associated with the well for purposes of well interference claims. For example, if UWID drilled a well in 1985 and is diverting water from that well pursuant to a 1965 priority water right, the relevant priority for that well in the event of a well interference claim would be 1985 and not 1965. Each right should be conditioned accordingly. On the other hand, in the event of future regulatory action aimed at curtailing uses generally within all or a part of the aquifer system, UWID would be able to respond with maximum flexibility (e.g. based on the 1965 priority in the example above).

Spreadsheet 5 under Tab N of this IMAP sets out the well name and legal description for each of UWID's current points of diversion for ground water rights. UWID proposes to use this list as the current point of diversion description for all of its ground water rights. From time to time, UWID anticipates updating this filing to reflect any old wells which are subsequently abandoned and new wells added to the system.

3. Place of Use

As UWID obtained new water rights over the years, the place of use description evolved so that UWID's water rights contain many different place of use descriptions. Since each right is part of an interconnected system, UWID believes that the place of use for all of its water rights should have a consistent place of use description. Further, the Municipal Water Rights Act of 1996 provides explicit statutory recognition that the place of use description for municipal providers can be described in general terms with an evolving boundary that can change over time without formally seeking departmental

approval of the change. Idaho Code § 42-202B(7).

UWID proposes to conform to the Municipal Water Rights Act of 1996 by using the following place of use description for all of its water rights: "UWID's Service Area."

For most of UWID's rights, amending the place of use description is not a true change in place of use, but is simply a change in terminology. For example, many of UWID's rights have a place of use described as "City of Boise and vicinity" or some similar variation. Others include the phrase "Within Boise Water Corp. service area" which errs only by employing the former company name. Many water rights describe the place of use as "City of Boise" or "within the city limits of Boise" which contemplates an evolving service area as the city grows but does not explicitly recognize that UWID serves customers outside the city limits.

Several rights, however, have a place of use limited to specified legal descriptions or designated subdivisions. The vast majority of these rights were rights originally obtained by smaller water delivery companies for servicing small and discrete areas. Subsequently, UWID acquired the delivery systems and the associated water rights and integrated the systems to UWID's large municipal delivery system. Rights with these limited place of use descriptions need to be changed to the larger service area place of use to reflect that water diverted pursuant to these rights is diverted into an integrated and interconnected delivery system. The following table identifies those rights that need to have the place of use element changed.

TABLE 2
REVISED PLACE OF USE

Right Number	Current Place of Use	Proposed Place of Use
63-02954	T3N, R2E, S17 NWSW, SWSW; S19 NENE	UWID Service Area
63-02956	T3N, R2E, S17 NWSW, SWSW; S19 NENE	UWID Service Area
63-03105	T3N, R2E, S18 NWNE, SWNE	UWID Service Area
63-03112	T3N, R2E, S17 NWSW, SWSW; S18 SW ¼, SE ¼	UWID Service Area
63-03164	T3N, R2E, S27 SWNW, NW ¼, NESW	UWID Service Area
63-03457	T3N, R2E, S24 SWNE 8, SENW 7, NESW 5, NESE 10; 30 acres total, place of use for domestic and fire protection is the same.	UWID Service Area
63-04395	T3N R3E S28 SENE 18, SWNW 02; S29 NESE, 25 acres total; S29 NENE, SENE, NWNW, SWNW, NESE domestic	UWID Service Area
63-07077	T3N, R2E, S27 NWSE	UWID Service Area
63-07641	T2N, R1E, S3 SWSE, SESE	UWID Service Area
63-07896	T3N, R1E, S27, NWSE	UWID Service Area
63-07979	T2N, R01E, S3 SW ¼, SWSE; S3 NENW, SENW, NESW, NWSW, SESW, SE ¼; S10 NENE, SENE; S11 NWNE, NW ¼	UWID Service Area
63-07998	T3N, R1E, S27 SWNE, SENE, NESE, NWSE	UWID Service Area
63-08011	T3N, R1E, S23, NW ¼	UWID Service Area
63-08248	T3N, R1E, S22 SWSE 20, SESE 20; S27 NENE 32, SWNE 32, NESE 32, NWSE 32, 200 acres total	UWID Service Area

63-08265	T3N, R1E, S15, NWNE, SWNE, SENE	UWID Service Area
63-08357	T4N, R1E, S25 SWNW, NWSW; S26 SENE, NESE	UWID Service Area
63-08385	T3N, R3E, S28 SWNW, NWSW; S29 SENE, NESE (152 homes)	UWID Service Area
63-08405	T2N, R1E, S2 42 acres, S3 43 acres, S10 3 acres , S11 12 acres, 100 acres total, place of use same for domestic and fire protection	UWID Service Area
63-08432	T3N, R1E, S31 NE ¼; S35 NW ¼	UWID Service Area
63-08635	T3N, R1E, SEC. 23 SWSE 6, SESE 8, 14 acres total	UWID Service Area
63-09087	T3N, R1E, S23, NW ¼	UWID Service Area
63-09106	T3N, R1E, S15 NESE, NWSE	UWID Service Area
63-09198	T3N, R1E, S22 SWSE, SESE; S27 NENE, SWNE, SENE, NESW, NWSW, NESE, NWSE	UWID Service Area
63-09199	T3N, R1E, S2 NENW, SENW, SW ¼; S3 NENW, SENW, NESW, SE ¼; S34 NESW	UWID Service Area
63-09384	T3N, R1E, S15 NESW 20, SESW 20, 40 acres total, place of use for domestic and fire protection same as for irrigation	UWID Service Area
63-10150	T3N, R3E, S28 NWNW, SWNW; S29 NENE, SENE	UWID Service Area
63-10391	T3N, R1E, S15, SWSW 8 acres total	UWID Service Area
63-11990	T3N, R1E, S15 NW ¼; S16 NE ¼	UWID Service Area

Changing the place of use for each of these right to "UWID's Service Area" properly recognizes the actual place of use for each of UWID's water rights. This change in place of use will not alter the quantity of water associated with any water right, and thus will cause no injury to other water right holders.

4. Nature of Use

The majority of UWID's water rights are licensed for a municipal purpose of use. Several rights in the portfolio, however, are licensed for domestic, fire protection and/or irrigation purposes of use. As with those water rights that need place of use adjustments, the majority of rights needing nature of use changes were originally held by small delivery companies with more distinctly defined service obligations. Consequently, these rights were often licensed with two or three specific purposes of use rather than the general municipal designation. Nothing in the quantity element of the water rights, nor the context of their creation, indicates that any actual limitation was intended by the choice of language for describing nature of use.

UWID seeks to change the nature of use for these water rights into a municipal nature of use. Since water from each well is diverted into a common municipal supply system, it is not practical to designate the water from any one well for a specific purpose. Instead, water from each well is commingled in the system and delivered to municipal customers who use the water for a variety of purposes. Maintaining an accounting of each water right would serve no public purpose, while significantly increasing costs to UWID's customers. To accurately reflect the broad uses made of water from UWID's system, each of UWID's rights should list a municipal nature of use.

TABLE 3 REVISED PURPOSE OF USE		
Right Number	Current Purpose of Use	Proposed Purpose of Use
63-02605	Domestic	Municipal
63-02954	Domestic	Municipal
63-02956	Domestic	Municipal
63-02989	Municipal, Domestic	Municipal
63-03064	Irrigation, Domestic, Fire Protection	Municipal
63-03112	Irrigation, Domestic	Municipal
63-03164	Domestic	Municipal
63-03457	Irrigation, Domestic, Fire Protection	Municipal
63-04015	Domestic, Fire Protection	Municipal
63-04395	Irrigation, Domestic	Municipal
63-07066	Domestic	Municipal
63-07077	Domestic, Fire Protection	Municipal
63-07641	Domestic	Municipal
63-07896	Domestic	Municipal
63-07979	Irrigation, Domestic, Fire Protection	Municipal
63-07998	Irrigation, Domestic, Fire Protection	Municipal
63-08011	Domestic, Fire Protection	Municipal
63-08248	Irrigation, Domestic, Fire Protection	Municipal
63-08265	Domestic	Municipal
63-08357	Domestic	Municipal
63-08385	Domestic	Municipal
63-08405	Irrigation, Domestic, Fire Protection	Municipal
63-08635	Irrigation, Domestic, Fire Protection	Municipal
63-09106	Domestic, Fire Protection	Municipal
63-09198	Municipal, Fire Protection	Municipal
63-09199	Municipal, Fire Protection	Municipal
63-09384	Irrigation, Domestic, Fire Protection	Municipal
63-10150	Irrigation	Municipal
63-10391	Irrigation, Domestic, Fire Protection	Municipal
63-11990	Domestic, Fire Protection	Municipal
63-12424	Domestic, Fire Protection	Municipal

The table above lists those rights for which a change in the nature of use element is sought.

Changing the nature of use of these identified water rights will not change UWID's operation of its system but instead will amend the licenses to reflect the way the system has been operated. The quantity, quality and location of the return flows and will not be changed and this change will not affect any other water users.

5. Season of Use

Ten of UWID's water rights, typically those with an irrigation purpose of use,

contain a season of use that limits use of the right to the irrigation season.[10]

UWID proposes that a year round season of use be added to all these rights for the sake of consistency. UWID seeks to amend these water rights to permit diversion of the right during any day of the year. UWID does not propose to divert additional volumes of water under these rights, but simply desires management discretion to decide when the quantity diverted under the right should be diverted. (The annual volume issue is addressed in Part D6 below.)

TABLE 4
REVISED PERIOD OF USE

Right Number	Current Period of Use	Proposed Period of Use
63-03457	1/1-12/31 & 3/15-11/15	1/1 - 12/ 31
63-04395	4/15-10/10, 1/1-12/30	1/1 - 12/ 31
63-07979	1/1-12/31, 4/1-10/31	1/1 - 12/ 31
63-07998	1/1-12/31, 4/1-10/31	1/1 - 12/ 31
63-08248	1/1-12/31, 4/1-10/31	1/1 - 12/ 31
63-08405	1/1-12/31, 3/1-10/31	1/1 - 12/ 31
63-08635	1/1-12/31, 3/15-11/15	1/1 - 12/ 31
63-09384	1/1-12/31, 4/1-10/31	1/1 - 12/ 31
63-10150	1/1-12/31, 3/15-11/15	1/1 - 12/ 31
63-10391	1/1-12/31, 3/15-11/15	1/1 - 12/ 31

The table above identifies those rights for which a change of the season of use is sought.[11]

6. Volume Limitations

Sixteen of UWID's licenced water rights are limited by an annual diversion volume. Once again, the majority of these rights were obtained by UWID from other municipal providers that obtained domestic and irrigation rather than municipal water rights which typically not are limited by volume. Another was obtained from a private individual through a transfer. In other cases, it is not clear why the volume limitation was originally placed on the right. Table 5 below identifies each of the rights in UWID's portfolio which has a volume limitation. The last column shows the delivery system with which the right originally was associated.

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[10] Any existing limitation (as to period of use, annual volume, or otherwise) associated with those water right interests and entitlements which are excluded from this IMAP (see footnote 1 at page 4) would remain in place.

[11] While most UWID water rights contain a season of use description identifying the entire year (1/1 through 12/31), 22 of UWID's water rights do not contain any season of use description at all. These should also be modified to expressly state a year round season of use.

The few diversion volume limitations in UWID's portfolio add an unnecessary layer of complexity to the administration of UWID's system. If this IMAP is approved, and UWID is permitted to move water rights around freely among its various points of diversion (subject to the well interference conditions), the volume limitation would be nearly impossible to track.

As a result, UWID proposes to eliminate the volume limitation from the 16 licensed rights and 3 permits listed in the following two tables.[12] To prevent enlargement, UWID proposes to adjust the authorized diversion rates on each license downward to reflect the rate required to produce the licensed volume based on a year-round continuous flow. Table 5 below shows this conversion. In making this conversion, UWID will lose 9.24 cfs from its portfolio of water rights. However, UWID believes this concession is worth the added flexibility the Company and its customers will be afforded by removal of the volume limitations.

TABLE 5
ELIMINATION OF VOLUME LIMITATION (LICENSES)

Right Number	Priority Date	Licensed Quantity (cfs)	Licensed Volume (AFA)	Adjusted Quantity (cfs)	Reduction In Quantity (cfs)	Original Water System
63-03411	6/17/64	1.50	178.00	0.25	1.25	UWID
63-03448	4/27/65	4.90	3540.00	4.89	0.01	UWID
63-03457	7/14/65	1.67	1209.00	1.67	0.00	UWID
63-07896	11/13/73	0.25	181.00	0.25	0.00	South County
63-07979	5/13/74	2.00	1268.00	1.75	0.25	South County
63-07998	6/25/74	1.27	658.00	0.91	0.36	South County
63-08011	7/18/74	3.00	276.00	0.38	2.62	South County
63-08248	½/76	1.57	843.00	1.16	0.41	South County
63-08385	11/6/77	0.49	182.40	0.25	0.24	Barber
63-08405	1/12/77	2.00	1320.00	1.82	0.18	South County
63-08635	8/17/83	0.89	106.20	0.15	0.74	South County
63-09384	5/27/80	1.00	420.00	0.58	0.42	South County
63-10150	7/1/83	0.48	56.10	0.08	0.40	Barber
63-10391	11/14/86	0.30	62.40	0.09	0.21	South County
63-11090A	1/21/90	1.73	376.40	0.52	1.21	private
63-11990	1/27/93	1.80	624.00	0.86	0.94	South County
				Total Reduced Flow	9.24	

[12]Elsewhere in this IMAP, UWID has requested the conversion of several rights into year-round municipal rights. In the event that this conversion requires the addition of a diversion volume to prevent enlargement, UWID proposes to use the same conversion formula to eliminate the volume limitation as is employed here.

In addition to the licensed rights listed above, three of UWID's permits contain volume limitations. As part of the permit amendments, UWID seeks elimination of the volume component from these three permits along with the corresponding reduction in quantity. Table 6 below identifies the permits and the requested changes.

TABLE 6
ELIMINATION OF VOLUME LIMITATION (PERMITS)

Right Number	Priority Date	Permitted Quantity (cfs)	Permitted Volume (AFA)	Adjusted Quantity (cfs)	Reduction in Quantity (cfs)
63-11467	2/21/91	2.27	520.00	0.72	1.55
63-11878	6/15/92	0.99	190.50	0.26	0.73
63-12334	3/8/95	0.38	42.00	0.06	0.32
				Total Reduced Flow	2.60

7. Quantification of PHC

The final step was to establish a planning horizon and to determine the quantity of water required to meet needs over that period. The complex process discussed fully in Part E beginning on page 23. The end result is a prediction of peak flow requirements for the year 2050.

It was then possible to determine which part of UWID's portfolio is held to meet immediate demand, and which portion is held to serve the planning horizon component ("PHC"). This is illustrated in Table 7 below. (Table 11 on page 50 is a reproduction of Table 7 with each component quantified.)

TABLE 7
DIAGRAM BREAKING DOWN UWID'S WATER RIGHTS PORTFOLIO

Planning horizon needs plus immediate demand needs	Additional water rights which UWID may acquire during the planning horizon	
	Current portfolio	Rights in current portfolio held to serve planning horizon needs
		Rights in current portfolio used to support immediate demand

As illustrated in Table 7 above (and quantified in Table 11 on page 50), UWID's planning horizon needs exceed its current portfolio. Consequently, after approval of the analysis contained in this IMAP, UWID may acquire additional water rights for its portfolio, and hold them for planning horizon purposes.

E. QUANTIFICATION OF PLANNING HORIZON COMPONENT

1. Introduction

Idaho, like every western state, has long recognized the needs of municipal suppliers to acquire water supplies to support long term growth. This recognition is reflected in case law which has come to be known as the "growing communities doctrine."[13]

Thus, while other water users ordinarily cannot prove up beneficial use without demonstrating actual use, municipal providers holding water supplies to meet reasonably anticipated needs are deemed to satisfy the beneficial use requirement. This reflects the fundamental distinction that non-municipal water users generally control their own growth and expansion, and are expected to acquire water rights roughly in accordance therewith. Municipal providers, in sharp contrast, cannot set production limits. Instead, as public utilities, they are required by law to serve any and all customers in a market which they cannot control and can only roughly predict.

The central purpose of the 1996 Act is codification of the growing communities doctrine. The 1996 Act expressly recognizes that water rights acquired and held by a municipal provider to meet needs within an approved planning horizon constitute beneficial use today even if they are not being fully diverted and physically applied at present.[14] We have employed the term "planning horizon component" (or PHC) to

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[13] Janis E. Carpenter, *Water for Growing Communities: Refining Tradition in the Pacific Northwest*, 27 Envtl. L. 127 (1997); Wells A. Hutchins, *The Idaho Law of Water Rights*, 5 Idaho L. Rev. 1, 44 n.211 (1968); A. Lynne Krogh-Hampe, *Injury and Enlargement in Idaho Water Right Transfers*, 27 Idaho L. Rev. 249, 294-95 (1990); Frank J. Trelease, *Preferences to the Use of Water*, 27 Rocky Mtn. L. Rev. 133, 138 (1955); *State of Washington, Dept. of Ecology v. Theodoratus*, 135 Wash.2d 582, 957 P.2d 1241 (1998); *City and County of Denver v. Sheriff*, 96 P.2d 836, 841 (Colo. 1939); *City of Pocatello v. Murray*, 206 F. 72, 80 (D. Idaho 1913), *aff'd*, 214 F. 214 (9th Cir. 1914); *Village of Peck v. Denison*, 92 Idaho 747, 450 P.2d 310 (1969); *Beus v. Soda Springs*, 62 Idaho 1, 107 P.2d 151 (1940).

[14] "A water right held by a municipal provider to meet reasonably anticipated future needs shall be deemed to constitute a beneficial use, and such rights shall not be lost or forfeited for nonuse unless the planning horizon specified in the license has expired and the quantity of water authorized for use under the license is no longer needed to meet reasonably anticipated future needs." Idaho Code § 42-222. "[T]he new use [must be] a beneficial use, which in the case of a municipal provider shall be satisfied if the water right is necessary to serve reasonably anticipated future needs as provided in this chapter." Idaho Code § 42-222.

describe these rights.[15]

UWID currently serves approximately 193,000 people (see calculation on page 13) through an interconnected municipal water system supplied by roughly 100 wells, a small portfolio of surface rights and other entitlements, and a water treatment plant. The system is fully integrated within the greater Boise area. In 1999, customer demand reached the highest levels ever, peaking at 147.5 cfs. We conservatively expect to reach 416.8 cfs by the year 2050 as the population in UWID's service area grows to over 540,000 people. The process used to derive these figures is explained in detail below.

Unlike other public utilities which may add increments of additional capacity as demand increases, municipal water suppliers are obligated to secure water rights far in advance. The simple, physical reason for this is that the supply of water in the Treasure Valley is constrained. Consequently, it is essential that UWID undertake substantial investments in water right planning and acquisition today in order to assure that its water right portfolio is able to meet demand throughout the planning horizon. This is the central concept embodied in the 1996 Act. As a result, the Idaho Water Code now expressly provides standards and procedures applicable to municipal providers seeking to hold water rights to meet reasonably foreseeable needs over the long term.

With the advent of the Municipal Water Rights Act of 1996, UWID has undertaken a comprehensive review of its water right portfolio. UWID seeks, by this application, to integrate its entire portfolio into the new statutory framework for municipal water supply needs. Although this entails considerable effort and expense on behalf of UWID, and although the Act imposes some new restrictions on the Company, UWID believes that it is in its customers' best interest to bring to its water rights portfolio the stability and assurances which accompany the codification of the growing communities doctrine reflected in the 1996 Act.

To meet the requirements of the Municipal Water Rights Act of 1996, UWID undertook an extensive project to calculate the quantity of water it would be expected to supply customers throughout a fifty year planning horizon. UWID worked closely with

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[15]The term "future needs" is sometimes employed to describe the water rights which make up the PHC of a municipal provider's water rights portfolio. We have not employed that term because it carries the misleading connotation that the water rights are not needed today. Even if they are not being pumped at present, they serve a present need by providing ongoing assurance to citizens, businesses and organizations that the community will be able to satisfy projected demand during the planning horizon—despite the physical constraints on the water supply. Absent such assurance, today's new business and community opportunities would be forfeited and the current economic vitality of the service area would be threatened. Thus, water rights held for this purpose serve current needs, even if they are not pumped until the end of the planning horizon.

the Department throughout this project to ensure smooth implementation in this first major use of the 1996 Act.

2. Service Area

The term "service area" is a term of art under the 1996 Act. It refers to the area served by a particular municipal provider. Unlike other water users, municipal providers do not have fixed or precisely described places of use. Instead, they serve broadly defined service areas which grow and evolve over time.

The 1996 Act requires a municipal provider to file with the Department a general, conceptual description of its service area. Idaho Code §§ 42-202B(7), 222(1). UWID has done so, and files updates of its description from time to time. The most recent description is available to the public at the Department (and at the PUC).

3. Planning Horizon

The 1996 Act authorizes the establishment of planning horizon for each municipal provider. Idaho Code § 42-202B(5). There is no upper limit on the duration.

UWID has selected a fifty year planning period, and seeks departmental approval of a corresponding planning horizon under the Act. This fifty year period corresponds to the Company's long term planning needs and is consistent with other rapidly growing major urban centers in the West. For example, the City of Denver uses a fifty year planning horizon as does the City of Portland. The City of Tucson uses a one-hundred year planning horizon.

There are other reasons for choosing a 50-year planning horizon. First, as described in Part E4 on page 26, UWID deliberately chose a planning area which is smaller than the one it is likely to be serving fifty years from now. UWID excluded substantial areas it may eventually serve which are subject to current disputes over (1) area of impact boundaries, (2) competing municipal providers and/or (3) conflicting comprehensive plans.

Second, population forecasts are inherently uncertain. The aim of the 1996 Act is not to require precision which is impossible to obtain. Rather, the goal is to require a reasonable, realistic and competent projection of demand, and to encourage municipal providers to plan today to meet that demand. If economic or other factors shift downward substantially, then a municipal provider might end up holding more water rights than required, in which case it would be subject to forfeiture and reallocation. In such an event, however, there would be lower than expected demand in all sectors, and

consequently less strain throughout the water allocation system.

If, on the other hand, UWID failed to acquire water rights to support continued growth trends, and found itself unable to adequately supply municipal water to Boise and the surrounding area, the entire valley would face a dilemma with potentially catastrophic consequences. In short, the growing communities doctrine and the 1996 Act recognize that the damage to the community which comes from underestimating future demand is greater than the risk of overestimating.

4. Planning Area

(a) Planning Area Delineated

As noted above, the 1996 Act clearly provides that a municipal provider is not required to precisely delineate its service area, and that it may serve any expansion area to which it later becomes entitled to serve.[16] It is nonetheless necessary for such a provider to define with some precision the extent and location of its anticipated service area in order to project population and water demand. UWID has undertaken such a delineation, based on its best estimate of those areas within Ada County which it is reasonable to assume will be served by the Company fifty years from now.

UWID wishes to underscore the limited purpose of this delineation. All changes in UWID's actual service area are subject to regulatory approval by the PUC. UWID's decision to include or exclude areas from its planning area has no regulatory effect whatsoever on whether the Company actually will service those areas in the future. In particular, UWID's decision not to include an area in its planning area in no way precludes UWID from seeking to serve that area in the future.[17] Moreover, no amendment of its water rights would be required to serve such areas (so long as they are consistent with the general description of UWID's service area). Likewise, UWID is authorized to use its water rights to serve whatever areas the PUC may so authorize. It is for this reason that we have sought to employ the distinct terminology of "planning area," to avoid confusion with (1) UWID's evolving "service area" and (2) whatever may

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[16]As noted in footnote 3 at page 4, this IMAP excludes four permits that cover three independent systems in Canyon and southwest Ada Counties. These remote systems are not served by UWID's otherwise integrated delivery system, and consequently are not included within the planning area. Nor are they considered for purposes quantifying the PHC.

[17]For instance, UWID is precluded from including areas in its planning area for purposes of securing PHC water rights which are subject to conflicting comprehensive plans. See discussion in Part F1 ("Statutory Requirements for Plan Analysis") beginning on page 39. However, UWID is not precluded from using whatever water rights it obtains to serve these areas.

turn out to be UWID's actual "certificated area" over time.

UWID's planning area is depicted on the large map labeled Appendix B which accompanies this IMAP. The entire planning area lies within Ada County. The map also includes the TAZs created by Compass, which United Water used to refine its county-wide population forecast into smaller geographical areas.

For illustrative purposes, areas owned by government entities are shown in grey on the map. At present, private construction is not permitted in these areas (which are largely BLM lands). In the long run, however, some construction is likely to be enabled through land swaps and the like.

(b) Areas Excluded from UWID's Planning Area

UWID's planning area does not include the cities, impact areas or development proposal referral areas of Star, Meridian, Kuna, or Garden City. Each of these cities provides municipal water to its own citizens. This is discussed more fully in Part F2(b) beginning on page 41.

The foothills bordering Boise to the north and east were excluded from the UWID's planning area to the extent that these areas are not already included in either Boise City's current area of impact or UWID's certificated service area. Although some development will occur in these areas within the 50-year planning horizon, UWID determined that the extent of future development in these areas was too unpredictable for planning purposes.

UWID also excluded the entire Eagle area from its planning area, due to uncertainties about which water provider will serve the community as it grows.[18] This is discussed in detail in Part F2(b)(iii) at page 42.

Finally, the two non-Ada County neighborhoods served by the Company were excluded for purposes of simplicity. See discussion in Executive Summary at page 5.

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[18] Although the Eagle area was excluded from the planning area, UWID currently serves 450 residential customers in this area whose share of the current system-wide peak equals 1.11 cfs. Since these customers will continue to be served by UWID regardless of which entity serves future growth in the area, it is therefore appropriate to add the 1.11 cfs consumed by these existing customers on to quantity ultimately calculated to meet the water needs of the projected population in the planning area. This addition is reflected in Part ? on page ?.

5. Fifty-Year Population Projection

(a) Introduction

Of all factors affecting a community's water demand, population is by far the most significant. Consequently, the first step in projecting demand over the fifty year planning horizon is to project population within UWID's planning area over this time period. (See Part E4 immediately above for a discussion of what areas are included within UWID's planning area.)

Unfortunately, no published population projections exist for Idaho or Ada County fifty years in the future. UWID therefore had to generate its own planning area population projections. United Water contracted with John Church of Idaho Economics to develop its population projection.

We conservatively project a planning area population of 540,020 by the year 2050. Since UWID's planning area lies entirely within Ada County, UWID first projected population in Ada County and then allocated a portion of Ada County's population to the planning area. Underlying all of UWID's calculations is the assumption that population growth in the Treasure Valley will continue to increase, although as a slower rate than recent experience.

This well documented trend is well captured in the following excerpt from Dr. Pamela Chase and Greg Alward's 1997 publication *Patterns of Demographic, Economic and Value Change (Implications for water use and management)*. The following extract from that report explains the unusual demographics of the Western United States, including Ada County, Idaho:

> The US population as a whole is projected to increase by 275 million people by the year 2000, reach 300 million shortly after 2010, 350 million around 2030 and then achieve 392 million people by 2050.[19] Only during the 1930s has the Nation's population ever grown more slowly than this.
>
> But the future is very different for the Western US than it is for the nation as a whole. The South and the West combined are projected to account for slightly more than 84 percent of the growth over the next thirty years. Nine of the ten fastest growing states are expected to be in the West.

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[19] The US Census Bureau has since revised its population projections upward to approximately 402 million people.

> It appears that the Western landscape is coming to be dominated by about thirteen major metropolitan areas. Some of these are old settlements (such as Los Angeles and San Francisco) given a new, booming vitality. Some, such as Boise, Salt Lake City, Albuquerque and Spokane are places no one, twenty years ago, would have imagined could become large cities. The core cities of these thirteen metropolitan areas are growing at a significant rate. The towns and small cities at some remove from these archipelago cities are growing a little in some areas, but generally fading in other areas. The reefs of suburban growth around the core cities are booming.
>
> The Denver metropolitan area presents a typical example. About 80 percent of all the people in Colorado have lived in the Front Range cities of Denver, Fort Collins and Colorado Springs throughout the later part of this Century. Colorado's population in the last twenty-five years, like those of the other interior Western states has grown by 30 to 35 percent. But almost 88 percent of the people moving into the State during this period of accelerated growth have settled, and are continuing to settle into this single Front Range metropolitan complex.
>
> The *economic* 'data' show a picture of the economy based on services, and increasingly on advanced computer technology.
>
> Economic activity, and economic diversity are distributed in a pattern much like that of the population. That is, the greatest amount of economic diversity, and the greatest wealth-producing activities occur in the centers of population (those 13-15 urban archipelagos), which are not coincidentally located at the nodes of the transportation system.

Indeed, the population projections used by UWID as the foundation for the estimate of planning area population all suggest rapid growth will continue.

(b) Methodology for projecting planning area population through 2050.

UWID found no published projections for Ada County's population beyond the year 2020. The Census Bureau projects the United States' population out 100 years, and projects state population out 25 years, but does not project at all on the county level.

Idaho Power produces annually a State and County Economic Forecast (the "Idaho Power Forecast"). The Idaho Power Forecast includes detailed projections for Idaho's counties, but it only projects population through 2020.

Likewise, there are no published projections for the City of Boise or the surrounding area through 2050. COMPASS projects population for Treasure Valley communities utilizing Census Bureau figures and the Idaho Power Forecast as base documents; however, COMPASS prepares forecasts for only twenty-five years.

Since no published sources project population on a county or even a statewide basis out to 2050, UWID therefore had to formulate an independent population forecast for the planning area. Mr. Church did this by projecting Ada County's overall population and then fine tuning the distribution of that population geographically across the county to determine the future population in the planning area.

(i) Step One: Determine the Year 2050 Population of Ada County.

To predict Ada County's 2050 population, United Water used an econometric model originally developed by John Church to predict power demand in all of Idaho's counties. Mr. Church updated the model and expanded it to predict Ada County's population through the year 2050. The result is a predicted county population of 813,970.

The model uses a cohort-component method, which projects the fertility, mortality and migration components of population change for five year age groupings (the cohorts). The model is driven by an economic forecast that predicts the labor force necessary to meet future employment requirements. The model projects the net migration from the difference between the labor force supplied by natural increases to the existing population and the required labor force projected by the economic forecast.

The economic forecast at the heart of population projection is a simultaneous equation model, which uses forecasts of national and local inputs and demands on particular sectors of the Idaho economy, personal income and population to predict employment demand.[20] The forecasted employment level is adjusted for an unemployment factor, the result is the total projected population. The results generated by the model showing the annual Ada County population projections are located on

[20]The details and inputs behind the economic forecast are not discussed here. Persons interested in a detailed explanation are referred to the 2000 Idaho Power Forecast. This document provides a comprehensive explanation of the economic forecast.

pages 90-93 of Appendix A. A more detailed description of the model can be found on pages 94-99 of Appendix A.

(ii) Step Two: Allocate a Portion of Ada County's Year 2050 Population into UWID's Planning Area.

Having calculated the projected year 2050 population for Ada County (813,970) the task was to determine what portion of the expected county population would reside in UWID's planning area. While COMPASS provides city-by-city population projections in Ada County, the data only extends through the year 2025. Consequently, UWID had to come up with an alternative method of allocating Ada County's population.

United Water chose to use the TAZs created by Compass as the tool for geographically allocating the county's population. TAZs are geographic areas used to predict traffic flow patterns in Ada and Canyon Counties. They divide Ada and Canyon counties based on zoning densities and existing and predicted infrastructure. Compass uses these TAZs to predict where increasing population is likely to reside.

Compass first predicted population allocation by TAZs in 1997 and then updated its predictions in 1999. Using the Compass predictions as a starting point, United Water used the TAZ allocation model to distribute the Mr. Church's population projection across the county's TAZs. Tables showing the annual allocation across the TAZs can be found in pages 100 through 127 of Appendix A.

Once allocated to the TAZs, United Water simply summed the populations for those TAZs that lie within its service area to come up with the projected service area population of 540,020, which is 66.3% of the total projected Ada County population. This compares with a current county to service area allocation of 73.3% allocation, showing that United Water has conservatively allocated a substantial portion of the projected county population to western portions of the county that it has chosen not to include in its planning area. The projected annual distribution of population into United Water's service area is documented on pages 124 through 127 of Appendix A.

6. Fifty-Year Demand Analysis

(a) Introduction

Projecting UWID's planning area population for the next fifty years is only the first step toward calculating water demand at the end of the planning horizon. The next step is to determine how much water that population will demand. United Water, once

again employing John Church, engaged in a complex statistical modeling process to forecast demand for several classes of customers. This section explains the methodology.

(b) Forecasting the Number of Future Customers

The model used to forecast future water demand predicts the total quantity of water that will be consumed by all users of UWID's system. The bulk of UWID's demand comes from residential and commercial customers—they accounted for over 90 percent of total demand in 2000. Consequently, the demand forecast is based on the number of residential and commercial customers and their future per capita demand. Using the econometric model, UWID predicted the number of residential and commercial customers that would require service by UWID in 2050. The model predicts that residential customers will increase from the current number of 59,601 to 151,269 in 2050.[21] Commercial customers will increase from the current 7,572 to 26,977. Page 6 of Appendix A summarizes the annual expected increases in the number of residential and commercial customers.

The next step was to estimate the per capita use per residential and commercial customer in 2050. This began with an analysis of historical demand for both classes of customer. This included the effects of temperature, precipitation and conservation efforts on the historical demand. The result is an average annual per capita use of 461 gallons per day for residential customers and 1,727 gallons per day for commercial customers. This average incorporates the conservation effects from tiered summer rates, UWID's ongoing conservation education program and significant use of NPI in the current customer base. Data on pages 177-199 in Appendix A summarize the inputs for the calculation of historical demand.

With these baselines, UWID then used a regression analysis to predict average demand for residential and commercial customers in the future. The regression incorporated predicted weather trends and the continued effect of ongoing conservation efforts. The analysis assumes that usage of NPI would grow at the same rate as total water use, which translates into a substantial increase in the number of NPI users in the planning area. The result is a forecasted total annual demand for residential customers of 25 billion gallons, or a per capita demand of 459 gallons per day for each residential

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[21] This translates into an average of 3.5 persons per household in the planning area, which is substantially higher than the 2.3 person per household average expected for Ada County overall. The difference reflects that population density in the planning area is and will likely continue to be much higher than for the county as a whole due to high density residential situations such as the prison and Boise State University and high percentage of apartment complexes that are treated as one customer.

customer. For commercial customers, the forecast predicts a total annual demand of 20 billion gallons, or 1200 gallons per customer per day. Readers interested in the statistical calculation behind the forecasts can consult pages 130 to 172 of Appendix A.

(c) Forecasting Demand for Other Classes of Customers.

Although residential and commercial customers comprise the bulk of UWID's demand, it also provides water to other classes of customers. To accurately predict total future demand, UWID also projected the quantity of water it expects to provide to these water users.[22]

The first category is sales to public sector customers. This includes water use in government buildings, parks and other public facilities. Water sales to public customers are expected to increase at a rate equal to residential and commercial sales because additional public facilities will be built to serve the growing population. To project future demand by public customers, UWID determined the historical relationship between sales to public customers and the total sales to residential and commercial customers. UWID determined that public water sales historically have equaled 0.46 percent of total annual residential and commercial water sales. Applying this percentage to the total forecasted residential and commercial demand of 44 billion gallons equals approximately 204 million gallons.

The second category of additional users is termed "other water sales." Water sold in this category goes to temporary customers, typically construction contractors, that use water from fire hydrants. United Water accounts for this category of water use by providing the user with a hydrant meter. United Water determined that other water sales historically accounts for 0.25 percent of the total annual water sales to residential, commercial and public customers. This adds an additional 112 million gallons to the annual total demand in 2050.

UWID also produces water that it does not sale to any customers. This includes water for fire fighting and street cleaning (termed "hydrant water use"), water for the company's own use, and system losses. United Water calculated that these three categories represent 0.34, 1.31 and 5.4 percent of total water production respectively. Taken together, they add a total of 3.3 billion gallon to the total forecasted annual demand in 2050. Data inputs for all these categories is found on pages 178-179 of Appendix A.

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[22] A summary of the calculations for the other classes of users is on page 7 of Appendix A.

Summing the total expected demands for all categories of water use gives the total expected annual water demand in 2050 of 48,192,085,000 gallons. Annualized totals through the planning period are detailed on page 5 of Appendix A. The following table is a summary of the 2050 totals.

TABLE 8
SUMMARY OF ANNUAL WATER DEMAND IN 2050
(Gallons x 1,000)

Residential	Commercial	Public	Other Sales	Hydrant Use	System Losses	Company Use	Tota,
25,363,621	19,166,402	204,838	111,837	163,635	2,553,576	628,177	48,192,085

(d) Adjustment for the Effect of Price of Demand.

The regression analysis and total demand calculations above reflect a price effect on water consumption that assumes prices will increase at the predicted average rate of inflation of 2.5 percent over the planning horizon. That is, the analysis assumes that water prices will increase over the planning horizon, but that the increases will track inflation so that the relative price of water to other services and commodities will remain the same. However, UWID predicts that it will incur significant capital costs in the first twenty years of the planning horizon to build and upgrade infrastructure to handle the predicted growth. These outlays may cause prices to rise faster than inflation. To account for this, UWID studied the price effect on demand if water prices do outpace the rate of inflation.

United Water conducted two analyses of the price effect. First, it predicted the effect of a 3.8 percent annual rate increase over the first twenty years of the planning horizon.[23] This number is 1.3% per year over the average rate of inflation, which UWID derived by looking at average annual price increases during time periods where rate increases were granted to pay for large capital improvements. The result of 3.8 percent per year price increase for twenty years is a total demand reduction from approximately 48 billion gallons to 45 billion gallons. The results are summarized on page 3 of Appendix A and broken down in greater detail on pages 30-46.

[23]United Water strives to keep water costs at or below the rate of inflation and believes that it will be able to do this after the capital improvements it expects to build over the next twenty years. Therefore, the price of water was adjusted to keep pace with inflation over the last twenty years of the planning horizon.

United Water also altered the demand model to reflect what it believes is a more realistic price increase scenario. United Water does not approach the PUC each year to request rate increases, not even to keep pace with inflation. Instead, every few years UWID requests rate increases that account for past inflation and the cost of recent capital improvements. To reflect this reality, UWID altered the demand forecast to predict the price effect for six rate increases that are tiered every few years, including a relatively large increase in 2005 to account for a new water treatment plant, and that average 3.8 percent over the first twenty years. This results in a decrease in total demand from 48 billion gallons to 46.8 billion gallons. The results are summarized on page 4 of Appendix A and broken down in greater detail on pages 10-27 and pages 70-87. UWID chose this tiered price increase approach for its final demand forecast since it best tracks the historical trend in rates and represents a good prediction of future rate increases. Table 9 below shows the adjusted future demand totals with the effects of the tiered price increases.

TABLE 9
SUMMARY OF ANNUAL WATER DEMAND IN 2050 ADJUSTED FOR PRICE INCREASES
(Gallons x 1,000)

Residential	Commercial	Public	Other Sales	Hydrant Use	System Losses	Company Use	Tota,
24,385,189	18,862,346	198,939	108,616	159,319	2,486,231	611,611	48,192,085

(e) Calculating the Effect of NPI.

Next, UWID attempted to predict the effects of NPI on its future demand. The trend in some areas in the Treasure Valley to use NPI in new subdivision developments replacing formerly irrigated ground has the potential, at least in theory, to reduce UWID's total water demand because the Company would no longer have to supply water to meet summer irrigation demands for lawn watering. To a more limited extent, NPI could reduce demand if widespread retrofitting in existing subdivisions took place to install new NPI systems. To predict the potential effect of NPI on total demand, UWID studied the effect of NPI on per capita residential demand and the likelihood of NPI's use in the planning area.

By comparing subdivisions in the current service area that use NPI with subdivisions nearby that do not, UWID calculated an estimated average per capita reduction in residential demand where NPI is used. The result is an average annual demand reduction of 31.76 percent. The numbers behind this calculation are on page 202 of Appendix A.

With information in hand on per capita reduction in demand for NPI customers, UWID set out to determine how much land in the planning area was susceptible to NPI. To determine where suitable water rights exist to enable NPI, UWID used the *IDWR Land Use Cover Data* from 1994 to identify irrigated areas within the planning area that could be converted to NPI. Then, using year 2000 aerial photography and site visits, UWID updated the assessment of available NPI acres. Based on this analysis, UWID determined that recent development within the planning area has swallowed nearly all the irrigated land, leaving very few acres susceptible to NPI. Applying the 31.76 percent reduction in demand to these acres did not measurably change the total annual demand number (only a 0.015 percent decrease). *See* pages 203-204 of Appendix A.

UWID further determined that retrofit of existing neighborhoods to utilize NPI is only realistic in very limited areas. Economics and water right availability make retrofitting highly unlikely in most developed areas that do not already have NPI. Moreover, the current regression analysis for predicting demand assumes a certain level of NPI growth in the planning area even though UWID's analysis suggests that very few new subdivisions in the planning area will have NPI. To the extent that retrofitting does occur the reduction in demand is already accounted for in the current demand forecast. In the end, UWID did not further reduce its total demand forecast of 46.8 billion gallons in 2050 based on NPI use.

(f) Peak Day Demand Calculation

Unlike other water rights, municipal water rights are quantified only on the basis of peak flow, without an annual volume component. Consequently, the next step is to develop a peak demand projection from the projected total annual volume.

(i) Determine Peak Day Flow

Largely due to the summer landscape irrigation requirements of the region, UWID experiences peak production during the summer months with water usage falling off during cooler months. This fact requires reservation of water rights and construction of system production capacities substantially in excess of the average daily production requirements.

In order to calculate the expected peak day demand, UWID need to establish a relationship that it could use to convert an annual or monthly demand (UWID's annual demand totals are summations of bimonthly demand) into peak day demand. UWID tried several relationships, factoring in historic temperature and precipitation data, to find the most accurate prediction. UWID determined that the relationship between the year's peak month production and the peak day was an extremely accurate predictor of peak day

demand.

The relationship between the peak daily volume and peak monthly volume is stable—very stable—over time. In contrast, for instance, the relationship between annual volume and peak daily volume was not constant over time, but has been declining. That is, the size of the daily peak compared to the annual volume has been gradually declining. In other words, the daily peak has been less pronounced in recent years, compared to total annual volume.

In contrast, the size of the daily peak compared to the peak month as been stable over time. In other words, if one knows the volume of water demanded on the hottest and driest month of the year, one can predict demand on the hottest individual day. This relationship has not changed over time.

Specifically, using 12 years of historic data, we found that the peak day demand equated to 3.82 percent of the peak monthly demand, which historically has been the month of August.[24] (This is about what one would expect. If 100 units of volume were spread evenly over a thirty day month, each day would have 3.33—or 3.33 percent. In reality, the data show that the peak day volume—3.82 percent—is a bit more than the average daily volume during the peak month.) *See* page 176 of Appendix A.

Thanks to the way the econometric model is constructed, we have not only annual volumes, but peak month predictions. Consequently, it is a simple task to get from peak month to peak day—simply take 3.82 percent of the monthly number (or multiply by 0.0382). The peak month production in August in 2050 is predicted to be 7.03 billion gallons. Peak day volume is therefore predicted to be approximately 269 million gallons

This peak day volume translates to a continuous instantaneous flow over that 24 hour period of 415.7 cfs.[25] (See summary in Table 11 below at page 50.) This number increases to 416.8 cfs when the current 1.11 cfs consumed by current customers in the City of Eagle is added back in to the projection. It is appropriate to add the peak consumption of UWID's Eagle customers because the entire Eagle area was excluded from the planning area even though UWID currently serves customers in this area (see footnote 18 on page 27).

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[24]The analyses of demand behind Tabs 1-4 in Appendix A state that September is the peak month. This represents the fact that billings for August are accounted for and sent to customers in September, so the data for August production is reflected in accounting records listed as September.

[25]This flow number for "peak day demand" assumes that the volume corresponding to the peak day is spread evenly throughout the twenty-four hour period. Although circumstances affecting individual wells will tend to cancel themselves out, thus evening out the daily systemwide hydrograph to some extent, the hydrograph is not likely to be a flat line. Thus, actual systemwide instantaneous demand may fluctuate up and down around this number during the course of the day.

This projected demand compares to current peak demand of 147.5 cfs, an average annual increase of 2.10 percent. This increase corresponds with an expected 2.08 percent increase in population in the planning area. The slight difference reflecting that the planning area will have a higher percentage of larger per capita commercial users than the current service area.

7. Adjustment to PHC for Other Entitlements to Surface Water

In addition to the ground water rights addressed in this IMAP, UWID's portfolio includes a handful of contract entitlements, exchanges and other interests in surface water. In order to avoid potentially distracting side issues over which entity has the right to change these water rights and other complexities unique to these interests, UWID intends to exclude them from this IMAP.[26] In other words, these interests in water should not be viewed as subject to the protections and obligations of the 1996 Act.

The Department nevertheless may be authorized to take these water interests into account in quantifying UWID's PHC. That is, the quantity of water available to UWID pursuant to these interests may serve as an offset, correspondingly reducing the size of the Company's PHC.

As of this time, this issue is academic, because UWID has not yet come close to obtaining water rights equal to its full PHC. However, we think it incumbent to fully disclose the size of this component of UWID's portfolio at this time.

UWID's contract entitlements are described in the Table 10 below.

TABLE 10
CONTRACT ENTITLEMENTS TO USE OF SURFACE WATER (INCLUDING EXCHANGES)

Name/Description	Water right number	Quantity (cfs)
Boise City Canal Company	63-00165L	0.68
Thurman Mill Ditch Company	63-00169F	0.81
South Boise Mutual Canal Company	63-00243E	3.30
South Boise Mutual Canal Company	63-00243H	0.93
Snake River water right	02-02339	11.00
TOTAL		16.72

[26]UWID has also excluded one contract entitlement held solely for mitigation purposes. See footnote 1 at page 4.

F. COMPREHENSIVE PLAN ANALYSIS

1. Statutory Requirements for Plan Analysis

The Municipal Water Rights Act of 1996 specifically requires that the water rights which make up the planning horizon component ("PHC") must be

> reasonably expected to be required within the planning horizon of each municipality[27] within the service area not inconsistent with comprehensive land use plans approved by each municipality. [The PHC] shall not include uses of water within areas overlapped by conflicting comprehensive land use plans."

Idaho Code § 42-202B(6) (emphasis supplied).

In other words, taking these issues in reverse order, the statutory test is that the IMAP (1) may not include areas "overlapped by conflicting comprehensive ... plans" and (2) must be "not inconsistent" with the applicable comprehensive plans in the area to be served.

The six cities in Ada County, plus the county itself, have adopted comprehensive plans. The six cities are Boise, Garden City, Meridian, Eagle, Star, and Kuna.

The sections below discuss (1) whether any of these plans create areas of overlap constituting a conflict under the statutory test, and (2) whether the IMAP is otherwise inconsistent with the applicable comprehensive plans.

2. Overlapping Impact Areas and Related Concerns

(a) The Law Governing Impact Area Disputes

The main opportunity for overlap and conflict between comprehensive plans in Idaho involves the creation of "area of impact" boundaries. An area of impact is an area

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[27]This phrase ("planning horizon of each municipality") is a *non sequitur* inadvertently inserted during the enactment process. The original version of the bill refers to the "planning horizon of each municipal provider," which makes sense. It is the provider which has the planning horizon, not the municipality. In any event, the thrust of the meaning is clear. The planning projections of the municipal provider (which form the basis for the PHC claim) must not be contradicted by inconsistent comprehensive plans of communities to be served.

within which an adjacent city is deemed to have a significant impact in the form of providing services, spurring development or otherwise causing the creation of an urbanized environment. If two cities both plan to grow into the same area (i.e., their areas of impact overlap), the Department is prohibited from including water needs for that overlapped area within the PHC.

Adoption of an area of impact is a precondition for a city to annex adjacent territory. Idaho Code § 67-6526(a). In addition (with the exception of property owner requests for annexation adjacent to city boundaries), property must be located within the area of impact boundary to be annexed into a city. Idaho Code § 50-222(1).

The opportunities for overlapping and conflicting comprehensive plans in Idaho are limited to some extent because of Idaho Code § 67-6526. This section in essence creates a mechanism to resolve overlapping area of impact issues. At the outset, it requires cities and counties to adopt a map "identifying an area of city impact within the unincorporated area of the county." Idaho Code § 67-6526(a).

If the adopted areas of impact overlap, Idaho Code Section 67-6526(c) provides a specific procedure for resolving the dispute. The act states:

> If areas of city impact overlap, the cities involved shall negotiate boundary adjustments to be recommended to the respective city councils. If the cities cannot reach agreement, the board of county commissioners shall, upon a request from either city, within thirty (30) days, recommend adjustments to the areas of city impact which shall be adopted by ordinance by the cities following the notice and hearing procedures provided in section 67-6509, Idaho Code. If any city objects to the recommendation of the board of county commissioners, the county shall conduct an election, subject to the provisions of section 34-106, Idaho Code, and establish polling places for the purpose of submitting to the qualified electors residing in the overlapping impact area, the question of which area of city impact the electors wish to reside. The results of the election shall be conclusive and binding, and no further proceedings shall be entertained by the board of county commissioners ....

Idaho Code § 67-6526(c).

In summary, this procedure requires the competing cities to attempt to negotiate a

resolution of any area of impact boundary dispute. If they are unable to do so, the county commissioners step in to propose a resolution upon request by one of the affected cities. If any involved city objects to the county proposal, the statute requires the county to conduct an election among the residents in the overlapping impact area, as to which city's area of impact they prefer to reside in. The results of the election are binding and conclusive.

Further, the Idaho Attorney General has opined that a city cannot adopt an area of impact ordinance unilaterally unless the affected county also adopts the ordinance. O.A.G. 95-1. The Ada County Code follows this procedure. Ada County Code, Title 9. Therefore, the only way an overlapping area of impact boundary could be created is if the affected county adopted inconsistent ordinances. Such an action would be subject to challenge under Idaho Code section 67-6526(c) and other authorities as an arbitrary and capricious or unlawful act. For these reasons, it is unlikely if not impossible for city area of impact boundaries to overlap in Idaho.

The statutory procedure has worked well in Ada County. As depicted on the area of impact map attached as Appendix B, no formally adopted areas of impact overlap or conflict in Ada County.

(b) Specific Instances of Dispute

Despite Idaho's strong statutory conflict resolution mechanisms for area of impact disputes, our review revealed two potential growth boundary conflicts in Ada County. A third area, Eagle, is subject to a different type of dispute.

(i) Kuna Growth Plans

The first is in the Kuna Comprehensive Plan. Kuna has an "ultimate intent" statement in Section 4.3 to expand its area of impact to encompass the area bounded by Barker Road, Black Cat Road, Five Mile Road, and Hubbard Road. Both the area map in the current plan and the ultimate intent area are greater than that authorized by Ada County and could, potentially, cause a conflict if another city requested the same area of impact. As Kuna is near both Boise and Meridian, the potential for conflict in the future is real. Kuna views this expanded area of impact as an "Immediate" priority in the prioritized list of policies in the plan. Despite this, we are advised that Ada County is not inclined, at this time, to grant any expanded area of impact to Kuna.

(ii) Star Growth Plans

The second potential conflict or overlap is in the Star comprehensive plan. Star's proposed comprehensive plan map (presumably what Star wants as an Area of Impact) encompasses an area that is greater than the area that Ada County is currently inclined to grant. This could cause a conflict with both Meridian and Eagle at some time in the future.

(iii) Eagle Service Competition

Eagle's area of impact does not overlap with any other city's. However, Eagle is subject to a different type of dispute.

Because different parts of the City of Eagle are served by UWID, Eagle Water Company and the city itself, it is difficult to predict which entity will serve future growth surrounding currently developed parts of the city. UWID does not read the 1996 Act's restriction with respect to overlapping, inconsistent comprehensive plans as applying to conflicts among private providers (because private providers do not publish comprehensive plans).[28]

Nevertheless, the Director has made it clear that he views these conflicts as making the Eagle area entirely off limits for PHC water rights, at least until relevant governmental entities (the city and/or the PUC) issue definitive statements about which entity they expect to serve each new area. The same applies not just to UWID, but to any water provider.

Consequently, UWID has determined not to challenge this reading of the statute, so long as it is applied consistently with respect to all municipal providers. Consequently, UWID has not included any part of the City of Eagle or the surrounding area in its planning area.

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[28]The Act's prohibition on conflicting plans is directed at comprehensive plans adopted by cities and counties. The Act simply does not address the plans of private water companies which meet the definition of municipal providers. Thus two competing water companies could have conflicting plans in the sense that each hoped in the future to serve a particular area, reflected in overlapping future "service area" descriptions. This, in itself, however, would not prohibit either of them from obtaining a PHC water right to serve the disputed area—so long as the cities and counties in the area did not have conflicting comprehensive plans describing their plans for growth. On the other hand, while the prohibition against overlapping comprehensive plans does serve as a *per se* barrier, the Department of Water Resources would have discretion to take such conflicts into account in making its determination of whether the entity did indeed have a "reasonably anticipated future need" for the water.

In sum, as a result of the potential conflicts identified above, the potentially disputed areas in Kuna, Star and Eagle each have been excluded from UWID's planning area.[29]

3. The IMAP Is Otherwise "Not Inconsistent" with the Applicable Comprehensive Plans.

As noted above, the 1996 Act prohibits not only "overlaps" but "inconsistencies" with comprehensive plans. For this reason, UWID undertook a review of each of the comprehensive plans in Ada County, looking for provisions that might be at odds in any way with this IMAP.

UWID's review of the applicable comprehensive plans showed no inconsistencies with the IMAP. The following pages discuss the provisions in each of the comprehensive plans that are pertinent to the municipal water rights planning.

(a) Ada County 1996 Comprehensive Plan

- ✔ The Ada County Comprehensive Plan (the "Ada Plan") describes in a general way the County's expectations for development over the next 15 to 20 years.

- ✔ Nothing in the Ada Plan is inconsistent with the IMAP.

- ✔ The Ada Plan includes discussion of the various city comprehensive plans and specifically covers all of the land outside the municipal boundaries in Ada County, but incorporates the various city areas of impact to avoid duplication.

- ✔ The Ada Plan is silent on the provision of water facilities.

- ✔ Section 5.4-2 encourages the use of pressure irrigation systems or other efficient irrigations systems for lands that are converted from agricultural to non-agricultural use.

- ✔ Ada County commits to negotiating "area of city impact" agreements for each incorporated city and to codifying each area of impact in the Ada

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[29] As noted above in Part ? beginning on page 15, this does not mean that UWID cannot use its PHC water rights to serve these areas in the future. It simply means that the Company may not base any part of its PHC claim on the need to serve them.

County Code, Title 9 (Section 5.10-2).

✔ Title 9 of the Ada County Code adopts the city area of impact maps and incorporates them into the Ada County Code by reference to the official city area of impact map. Each city has negotiated special procedures for dealing with development applications outside the city limits but within that city's area of impact. Those procedures are included in the Ada County Code section for that city and the procedures vary from city to city. Following are some items that may impact water providers:

⇨ The Kuna comprehensive plan applies to development applications in the Kuna area of city impact.

⇨ The Boise comprehensive plan applies to the Boise area of city impact. In the Boise area of impact, dry line water lines are required in all platted subdivisions regardless of the ability of the city to provide service.

⇨ The Meridian comprehensive plan applies to the Meridian area of city impact. In the Meridian area of impact, dry line water lines are required in all subdivision plats regardless of the ability of the city to provide service.

⇨ The Garden City comprehensive plan applies to the Garden City area of city impact.

⇨ The Eagle comprehensive plan applies to the Eagle area of city impact.

⇨ The Ada County Code contains no provisions pertinent to Star as Star has only recently incorporated.

✔ None of these provisions constitute a potential inconsistency with other comprehensive plans in the area.

(b) Boise City 1997 Comprehensive Plan

The Boise City Comprehensive Plan has two provisions relating to water use. The first discusses the provision of domestic water (Section 2.4) and the second discusses the use of irrigation water (Section 2.5). Neither of these provisions is inconsistent with the IMAP.

- ✔ The domestic water provision adopts an objective for Boise to "ensure that new growth does not exceed adequate water supply and appropriate infrastructure levels." Boise has adopted the following policies in this regard:

  - ⇨ Coordinate with other entities to conduct studies to evaluate the aquifer and its long-term capabilities.

  - ⇨ Coordinate land-use planning and development with the standards and procedures of the Southeast Boise Groundwater Management Plan as appropriate when developed.

  - ⇨ Coordinate with private water providers and appropriate governmental agencies prior to approval of new development entitlements.

- ✔ The second objective of the domestic water provision addresses water conservation. Boise adopts several priorities in this regard:

  - ⇨ Require incorporation of water conservation features such as low-flush toilets, in the design of all new construction and site development.

  - ⇨ Require a separate system for use of irrigation water, where available and feasible, for landscape irrigation.

  - ⇨ Promote drought-tolerant landscaping through landscape standards and guidelines.

  - ⇨ Encourage industrial and commercial water users to incorporate appropriate water conservation measures such as recycling into their operations.

- ✔ The irrigation water provision adopts objectives and policies relevant to use of irrigation water for landscape irrigation in new developments.

- ✔ None of these provisions create a potential overlap or conflict with other comprehensive plans in the area.

(c) City of Meridian 1994 Comprehensive Plan

The Meridian Comprehensive Plan (the "Meridian Plan") discusses the provision of water in a number of places, discussed in the paragraphs below. However, none of these provisions is inconsistent with the IMAP. The plan was adopted in 1994 for a 10-year planning horizon.

(i) Land Use Chapter

- ✔ Section 1.11U guides Meridian to "[p]rotect citizen investments in existing public facilities [including water] by encouraging controlled growth through city planning reviews and development agreements."

- ✔ Section 3.10 recommends that the City locate industrial uses "where adequate water supply and water pressure are available for fire protection."

(ii) Natural Resources and Hazardous Areas Chapter

- ✔ Section 2.2U asks the City to "[p]romote safe city drinking water."

- ✔ Section 2.4U advises Meridian to "[p]romote water-saving devices and techniques through education to all segments of the community."

- ✔ Section 2.5U instructs the city to "[i]nitiate new design elements that limit water-use requirements, including the use of native and low-water species in the landscape."

(iii) Public Services, Utilities and Energy Resources Chapter

- ✔ Section 1.5U authorizes Meridian to contract for the provision of municipal services (including the provision of water) if an outside provider can do so at lower cost than the city.

- ✔ Section 5.1 exhorts Meridian to monitor and review the Meridian municipal water system "because of the potential for growth and development within the Urban Service Planning Area."

- ✔ Section 5.7 recommends that Meridian develop a progressive water conservation program and to monitor it for effectiveness.

- ✔ Section 5.8U directs Meridian to "[p]rocure and develop additional water sources to ensure sufficient water supply for future residential and industrial demands."

- ✔ In Section 5.12U, Meridian adopts "[t]he standard of one gallon per minute (1 gpm) average daily use per household [as] the water planning standard use [sic] in Meridian to evaluate new growth and water service demand/capacity." UWID's projection of residential and commercial consumption is substantially more conservative than this. See footnote ? at page ?.

(d) City of Eagle 1997 Comprehensive Plan

Eagle adopted its current comprehensive plan in 1997 (the "Eagle 1997 Plan") but is in the process of revising it. The sections below discuss the 1997 plan as well as the currently available 1999 draft (the "Eagle 1999 Draft Plan"). Neither of these documents are inconsistent with the IMAP.

(i) Eagle 1997 Plan

- ✔ The Eagle 1997 Plan says little about the provision of water.

- ✔ The Eagle 1997 Plan does not delineate a specific planning horizon.

- ✔ The Fire Protection section of the Public Services, Facilities and Utilities chapter states that "[new developments shall be required to provide adequate fire protection" (p. 29).

- ✔ The Water Supply section of the Public Services, Facilities and Utilities chapter (pp. 30-31) contains several policies and goals pertinent to water supply. These are:

  - ⇨ "To encourage dedication of water systems to the City in order to maintain a municipal water system owned and operated by the City." [This policy is changed in the new draft.]

  - ⇨ "To prescribe a plan for the acquisition of water treatment plants, water supply systems, and methods for water storage, to ensure an adequate supply of water for the service area of the City."

- ⇨ "To ensure that the City water facilities shall conform to all applicable State, Federal and local environmental regulations."

- ⇨ "To take advantage of the availability of financial assistance and grants from Federal and other sources to acquire, to continue to build and operate a municipal water system to meet the needs of City water users."

- ⇨ The Eagle 1997 Plan permits the installation of individual wells on certain grandfathered lots under limited circumstances.

(ii) Eagle 1999 Draft Plan

- ✔ The Eagle 1999 Draft Plan also includes little about the provision of water.

- ✔ The Eagle 1999 Draft Plan envisions a 20-year planning horizon.

- ✔ Section 4.2.5 describes the existing contract with UWID and the current arrangements with other water providers.

- ✔ Section 4.5 exhorts Eagle to "periodically review the costs and benefits of the City water system."

- ✔ Section 6.7 encourages Eagle to "[e]stablish land use patterns and zoning districts that do not exhaust available services such as . . . water . . ."

(e) Garden City 1996 Comprehensive Plan

- ✔ The 1996 Garden City Comprehensive Plan (the "Garden City Plan") is not inconsistent with the IMAP. The Garden City Plan does not have any elements within it that impact water providers directly other than to indicate that the City provides water and to indicate a need for fire flow backup.

- ✔ The planning window in the plan is 20 years. The Garden City Plan contemplates total build-out at a level of 12,000 residents. Unlike many cities, Garden City is surrounded by other cities and can focus on build-out instead of expansion possibilities.

- ✔ Although Garden City has, in the past, disputed the Boise City area of impact, all issues have either been negotiated or mandated by the court and there are no disputed areas currently.

- ✔ None of these provisions are inconsistent with the IMAP.

(f) City of Kuna 1998 Comprehensive Plan

- ✔ The Kuna Comprehensive Plan (the "Kuna Plan") has population forecasts out to 2020. Kuna used a private consultant (Civil Survey Consultants, Inc.) instead of APA in making its population forecasts.

- ✔ The Kuna Plan does not directly address the provision of water.

- ✔ Nothing in the Kuna Plan is inconsistent with the IMAP.

(g) City of Star 1999 Draft Comprehensive Plan

- ✔ The Star 1999 Draft Comprehensive Plan does not directly address the provision of water.

- ✔ The planning window in this plan is 10 years.

- ✔ Nothing in the Star 1999 Draft Plan is inconsistent with the IMAP.

In conclusion, nothing in the comprehensive plans of Ada County or its six cities conflicts with UWID's IMAP.

H. APPLICATION FOR CHANGE OF 93 WATER RIGHTS

The following *Application for Transfer of Water Right* is really a collection of 93 separate applications. For the convenience of the Department and the reader, we have submitted a single form, modeled on the Department's standard form, with corresponding spreadsheets containing information respecting each of the 93 water rights to be changed.

Transfer No. _____

STATE OF IDAHO

DEPARTMENT OF WATER RESOURCES

APPLICATION FOR TRANSFER OF WATER RIGHT

PART 1

Name of applicant United Water Idaho Inc. ("UWID" or the "Company") Phone 208-362-1704

Post Office Address 8248 W. Victory Road, P.O. Box 7488, Boise, Idaho 83709-4165

Contact/Counsel: Christopher H. Meyer, Givens Pursley LLP, P.O. Box 2720, Boise, ID 83701-2720

A. PURPOSE OF TRANSFER

1. ⊠ Change point of diversion ⊠ Add diversion point(s) ⊠ Change place of use
   ⊠ Change nature of use ⊠ Change period of use ⊠ Other Bring within 1996 Act
2. Describe the reason for the proposed changes:

   UWID SEEKS TO BRING ITS PORTFOLIO OF GROUND WATER RIGHTS INTO THE 1996 MUNICIPAL WATER RIGHTS ACT FRAMEWORK FOR EFFICIENT AND INTEGRATED MANAGEMENT OF WATER RIGHTS HELD WITHIN ITS PLANNING HORIZON. THIS IS MORE FULLY DESCRIBED ELSEWHERE IN THIS COMPREHENSIVE MUNICIPAL APPLICATION PACKAGE.

B. DESCRIPTION OF RIGHT(S) OR PORTION THEREOF, AFTER THE REQUESTED CHANGE

1. Right Number, Priority, Amount, Nature of Use, Period of Use:

   SEE SPREADSHEET 3 AT TAB "L"

2. Total amount of water being transferred SEE SPREADSHEET 3 AT TAB "L"

3. Source of water SEE SPREADSHEET 3 AT TAB "L" tributary to SEE SPREADSHEET 3 AT TAB "L"

4. Point(s) of Diversion SEE SPREADSHEET 5 AT TAB "N"

5. Lands irrigated or place of use UWID'S SERVICE AREA

6. General Information

   a. Description of diversion system:

   AN INTEGRATED AND INTERCONNECTED MUNICIPAL WATER SUPPLY SYSTEM

This page void - Replaced by Pgs. 52-56 Received 5/11/2001 -SL

RECEIVED

MAY 1 1 2001

WATER RESOURCES
WESTERN REGION

Transfer No. _____

STATE OF IDAHO

DEPARTMENT OF WATER RESOURCES

APPLICATION FOR TRANSFER OF WATER RIGHT

PART 1

Name of applicant United Water Idaho Inc. ("UWID" or the "Company") Phone 208-362-1704

Post Office Address 8248 W. Victory Road, P.O. Box 7488, Boise, Idaho 83709-4165

Contact/Counsel: Christopher H. Meyer, Givens Pursley LLP, P.O. Box 2720, Boise, ID 83701-2720

A. PURPOSE OF TRANSFER

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   ⊗ Change nature of use ⊗ Change period of use ⊗ Other Bring within 1996 Act
2. Describe the reason for the proposed changes:

   UWID SEEKS TO BRING ITS PORTFOLIO OF GROUND WATER RIGHTS INTO THE 1996 MUNICIPAL WATER RIGHTS ACT FRAMEWORK FOR EFFICIENT AND INTEGRATED MANAGEMENT OF WATER RIGHTS HELD WITHIN ITS PLANNING HORIZON. THIS IS MORE FULLY DESCRIBED ELSEWHERE IN THIS COMPREHENSIVE MUNICIPAL APPLICATION PACKAGE.

B. DESCRIPTION OF RIGHT(S) OR PORTION THEREOF, AFTER THE REQUESTED CHANGE

1. Right Number, Priority, Amount, Nature of Use, Period of Use:

   SEE SPREADSHEET 3 AT TAB "L"

2. Total amount of water being transferred SEE SPREADSHEET 3 AT TAB "L" .
3. Source of water SEE SPREADSHEET 3 AT TAB "L" tributary to SEE SPREADSHEET 3 AT TAB "L"
4. Point(s) of Diversion SEE SPREADSHEET 5 AT TAB "N"
5. Lands irrigated or place of use UWID'S SERVICE AREA
6. General Information
   a. Description of diversion system:

      AN INTEGRATED AND INTERCONNECTED MUNICIPAL WATER SUPPLY SYSTEM

b. Are the lands from which you propose to transfer the water right subject to any liens, deeds of trust, mortgages, or contracts? NOT APPLICABLE If yes, provide a notarized statement from the holder of the lien, deed of trust, mortgage or contract agreeing to the proposed changes. NOT APPLICABLE

c. Describe the effect on the land now irrigated if the place of use is changed pursuant to this transfer: NOT APPLICABLE

d. Remarks: SEE COMPREHENSIVE MUNICIPAL APPLICATION PACKAGE

ACTION OF THE DIRECTOR, DEPARTMENT OF WATER RESOURCES

This is to certify that I have examined Application for Transfer of Water Rights No. _____

And said application is hereby _____, subject to the following limitations and conditions:

_____

_____

_____

_____

_____

_____

_____

_____

_____

Witness my hand this _____day of _____, 20 _____.

_____

PART 2

A. DESCRIPTION OF RIGHT AS RECORDED

1. Right evidenced by (License, Decree, Claim and Transfer Nos.):

   SEE SPREADSHEET 1 AT TAB "J"

2. Attach a copy of last year's tax notice for the property to which the water right is appurtenant or other documents which show ownership. NOT APPLICABLE.

3. Source of water SEE SPREADSHEET 1 AT TAB "J" tributary to SEE SPREADSHEET 1 AT TAB "J"

4. Date or priority SEE SPREADSHEET 1 AT TAB "J"

5. Water is used for the following purpose: SEE SPREADSHEET 1 AT TAB "J"

6. Total amount of water under right(s) SEE SPREADSHEET 1 AT TAB "J" cubic feet per second and/or _____ acre-feet per annum.

7. Point(s) of Diversion SEE SPREADSHEET 1 AT TAB "J"

8. Lands irrigated or place of use: SEE SPREADSHEET 1 AT TAB "J"

9. Describe any other water rights used for the same purpose as described above:

   SEE SPREADSHEET 2 AT TAB "K"

10. To your knowledge, has any portion of this water right undergone a period of five or more consecutive years of non-use? N/A If yes, describe USED FOR REASONABLY FORESEEABLE NEEDS

PART 3

A. Draw a map or attach a USGS map indicating the new point(s) of diversion and/or the new place of use for rights described in part 1. Clearly depict the land by section, township and range number.

ALL POINTS OF DIVERSION ARE IDENTIFIED IN SPREADSHEET 5 AT TAB "N". THE PLACE OF USE IS UWID'S SERVICE AREA.

B. CHANGES IN NATURE OF USE

1. New nature of use, amount, hours/days/years, period of use:

SEE SPREADSHEET 5 AT TAB "N" FOR QUANTITY INFORMATION. FOR ALL WATER RIGHTS, THE NEW NATURE OF USE IS "MUNICIPAL" AND THE PERIOD OF USE IS 1/1 TO 12/31.

2. Quantity and quality of return flows and location of discharge:

NOT APPLICABLE

3. Describe effects on other water uses resulting from the proposed change:

NONE

I hereby assert that no one will be injured by such change and that the change does not constitute an enlargement in use of the original right. The information contained in this application is true to the best of my knowledge.

I understand that any willful misrepresentations made in this application may result in voiding its approval.

Christopher H. Meyer, Counsel for United Water Idaho Inc.

Subscribed and sworn to before me this 10th day of May, 2001.

KATRINA D. THOMAS NOTARY PUBLIC STATE OF IDAHO

(Notary Public)

My commission expires 4-10-06

FOR DEPARTMENT USE ONLY

Transfer contains _____ pages and _____ attachments

Received by SL Date 5/11/2000 Protest by _____

Prelim. check by SL Fee $9200 _____

Receipted by SL for LM Date 6/16/2000 W026617 _____

Published in _____ Copies of protest forwarded by _____

Pub. dates _____ Hearing held by _____ Date _____

Watermaster recommendation request on _____ Recommended for ☐ approval ☐ denial

_____ rec'd. _____ by _____

Copy of transfer sent to line holder _____

I. APPLICATION FOR AMENDMENT OF 19 PERMITS

The following *Application for Amendment of Permit* is really a collection of 19 separate applications. For the convenience of the Department and the reader, we have submitted a single form, modeled on the Department's standard form, with corresponding spreadsheets containing information respecting each of the 19 permits to be amended.

UWID is now in the process of proving up on these permits. If some or all of them are approved as licenses prior to the time the Department completes processing of this IMAP, we request that, in each case, the *Application for Amendment of Permit* be treated as an *Application for Transfer of Water Right*.

Receipt No. _____
Receipted By _____
Date _____

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

APPLICATION FOR AMENDMENT OF A PERMIT

Applicant United Water Idaho Inc. ("UWID") Phone 208-362-1704

Address 8248 W. Victory Road, P.O. Box 7488, Boise, Idaho 83709-4165

Contact/Counsel: Christopher H. Meyer, Givens Pursley LLP, P.O. Box 2720, Boise, ID 83701-2720

I am the owner and holder of Permit to Appropriate the Public Waters of the State of Idaho No(s). SEE SPREADSHEET 2 AT TAB" K" , and request that the permit and permit map be amended and/or changed as follows:

Purpose of Amendment:

- ☒ Change point of diversion ☒ Add diversion point(s) ☒ Change place of use
- ☒ Change nature of use ☒ Change period of use ☒ Other Bring within 1996 Act

1. Point of diversion: SEE SPREADSHEET 5 AT TAB "N"

   Other points of diversion: SAME

2. Period and nature of use: (quantities for irrigation, domestic, stockwatering, industrial, etc.)

   SEE SPREADSHEET 4 AT TAB "M" FOR QUANTITY INFORMATION. FOR ALL WATER RIGHTS, THE NEW NATURE OF USE IS "MUNICIPAL" AND THE PERIOD OF USE IS 1/1 TO 12/31.

3 Place of use or land to be irrigated: UWID'S SERVICE AREA

   Total number of acres to be irrigated = NOT APPLICABLE

4. a. Who owns the property at the point(s) of diversion? UWID

   b. Who owns the land to be irrigated at the place of use? NOT APPLICABLE

   c. If the property is owned by a person other than the applicant, describe the arrangement enabling the applicant to make this filing: NOT APPLICABLE

Complete the following map by showing land and point(s) of diversion as proposed by this amendment. Show ¼ ¼, section, township, range and ditches. (the smallest subdivision represents 40 acres)

ALL POINTS OF DIVERSION ARE IDENTIFIED IN SPREADSHEET 5 AT TAB "N". THE PLACE OF USE IS UWID'S SERVICE AREA.

this page with - Replaced by pgs. 58-59 Received 5/11/2001. -SZ

RECEIVED

MAY 1 1 2001

WATER RESOURCES
WESTERN REGION

Receipt No. W026617
Receipted By BZ for LM
Date 6/16/2006

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

APPLICATION FOR AMENDMENT OF A PERMIT

Applicant United Water Idaho Inc. ("UWID") Phone 208-362-1704

Address 8248 W. Victory Road, P.O. Box 7488, Boise, Idaho 83709-4165

Contact/Counsel: Christopher H. Meyer, Givens Pursley LLP, P.O. Box 2720, Boise, ID 83701-2720

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- ☒ Change point of diversion ☒ Add diversion point(s) ☒ Change place of use
- ☒ Change nature of use ☒ Change period of use ☒ Other Bring within 1996 Act

1. Point of diversion: SEE SPREADSHEET 5 AT TAB "N"

   Other points of diversion: SAME

2. Period and nature of use: (quantities for irrigation, domestic, stockwatering, industrial, etc.)

   SEE SPREADSHEET 4 AT TAB "M" FOR QUANTITY INFORMATION. FOR ALL WATER RIGHTS, THE NEW NATURE OF USE IS "MUNICIPAL" AND THE PERIOD OF USE IS 1/1 TO 12/31.

3 Place of use or land to be irrigated: UWID'S SERVICE AREA

   Total number of acres to be irrigated = NOT APPLICABLE

4. a. Who owns the property at the point(s) of diversion? UWID

   b. Who owns the land to be irrigated at the place of use? NOT APPLICABLE

   c. If the property is owned by a person other than the applicant, describe the arrangement enabling the applicant to make this filing: NOT APPLICABLE

Complete the following map by showing land and point(s) of diversion as proposed by this amendment. Show ¼ ¼, section, township, range and ditches. (the smallest subdivision represents 40 acres)

ALL POINTS OF DIVERSION ARE IDENTIFIED IN SPREADSHEET 5 AT TAB "N". THE PLACE OF USE IS UWID'S SERVICE AREA.

I hereby request approval of this change subject to the fact that no one will be injured by the change, and that the change will be made at my own risk.

Signed this 10th day of May, 2001.

Christopher H. Meyer, Counsel for United Water Idaho Inc.

ACTION OF THE DEPARTMENT OF WATER RESOURCES

Preliminary check by _____ Publication prepared by _____
Date _____

Published in _____ Publication dates _____

I, _____, of the Department of Water Resources hereby

_____

_____

Witness my hand this _____ day of _____, 20_____.

_____
Signature

J. SPREADSHEET 1: SUMMARY OF PRE-CHANGE LICENSES

UWID's Current Licensed and Statutory Ground Water Rights

RIGHT NUMBER	TRANSFER	SOURCE	PRIORITY	PURPOSE OF USE	AMOUNT (CFS)	AMOUNT (AFA)	POINT TWN	OF RGE	DIV SEC	TRACT	PLACE OF USE	PERIOD OF USE
63-02500	4998	GW	8/30/1934	Municipal	0.80		3N	2E	4	SW,SW	Within the City of Boise and surrounding service area	1/1-12/31
							3N	2E	9	NE,NW		
							3N	2E	9	SE,NW		
							3N	2E	10	NW,NW		
63-02506		GW	6/5/1935	Municipal	1.66		3N	2E	14	NE,NE	City of Boise	
63-02576		GW	4/26/1938	Municipal	1.90		3N	2E	14	NE,NE	Within city limits of Boise	
63-02595		GW	8/31/1966	Municipal	1.34		3N	2E	16	NW,NW	Within city limits of Boise & vicinity	1/1-12/31
63-02605		GW	7/2/1943	Domestic	0.90		3N	2E	4	NE,NW	Within city limits of Boise & adjacent territory	
63-02668		GW	7/15/1947	Municipal	2.14		3N	2E	8	NE,NE	Within city limits of Boise & adjacent territory	
63-02703		GW	6/23/1948	Municipal	5.00		3N	2E	15	NW,NW	Within city limits of Boise & vicinity	
63-02808		GW	4/3/1950	Municipal	3.10		3N	2E	13	SW,NW	Within city limits of Boise & vicinity	
63-02874	4998	GW	8/18/1951	Municipal	4.00		3N	2E	4	SW,SW	Within the City of Boise and surrounding service area	1/1-12/31
							3N	2E	9	NE,NW		
							3N	2E	9	SE,NW		
							3N	2E	10	NW,NW		
63-02892		GW	2/7/1952	Municipal	15.00		3N	2E	5	SE,NE	Within city limits of Boise	
							3N	2E	14	SE,NE		
63-02954		GW	8/27/1953	Domestic	0.90		3N	2E	18	SW,SE	T3N, R2E, S17 NWSW, SWSW; S19 NENE	
63-02956		GW	8/27/1953	Domestic	0.56		3N	2E	18	SE,SE	T3N, R2E, S17 NWSW, SWSW; S19 NENE	
63-02989		GW	6/2/1954	Municipal, Domestic	1.00		3N	1E	1	SE,SE	Within city limits of Boise & vicinity	
63-03064		GW	10/31/1955	Irrigation, Domestic, Fire Protection	1.22		4N	2E	31	NW,SW	Within city limits of Boise & vicinity	
63-03073		GW	1/4/1956	Municipal	2.00		3N	2E	28	NW,NW	Within city limits of Boise & vicinity	
63-03105		GW	12/19/1956	Municipal	2.00		3N	2E	18	NW,NE	T3N, R2E, S18 NWNE, SWNE	
63-03112		GW	9/11/1957	Irrigation, Domestic	1.44		3N	2E	19	NE,NE	T3N, R2E, S17 NWSW, SWSW; S18 SW1/4, SE1/4; S19 NENE	
63-03128		GW	4/24/1958	Municipal	4.44		3N	2E	21	NE,NE	Within city limits of Boise & vicinity	
63-03164		GW	8/5/1959	Domestic	1.73		3N	2E	27	NE,SW	T3N, R2E, S27 SWNE, NW1/4, NESW	
63-03172		GW	10/14/1959	Municipal	2.22		3N	2E	18	NE,SW	Within the boundary of Overland Water Co.	
63-03202		GW	6/8/1960	Municipal	2.89		3N	2E	22	NW,NE	Within city limits of Boise & vicinity	
63-03291		GW	5/21/1962	Municipal	2.40		4N	2E	32	NW,NW	Within city limits of Boise & vicinity	
63-03292		GW	5/21/1962	Municipal	2.26		3N	2E	22	NW,NE	Within city limits of Boise & vicinity	
63-03293		GW	5/21/1962	Municipal	3.56		3N	2E	16	NW,NW	Within city limits of Boise & vicinity	
63-03295		GW	5/24/1962	Municipal	3.24		3N	2E	28	NE,NE	Within city limits of Boise & vicinity	
63-03411		GW	6/17/1964	Municipal	1.50	178.00	4N	2E	32	SW,NW	Within city limits of Boise & vicinity	1/1-12/31
63-03448		GW	4/27/1965	Municipal	4.90	3540.00	3N	2E	14	SE,NW	Within city limits of Boise & vicinity	1/1-12/31

UWID's Current Licensed and Statutory Ground Water Rights

RIGHT NUMBER	TRANSFER	SOURCE	PRIORITY	PURPOSE OF USE	AMOUNT (CFS)	AMOUNT (AFA)	POINT TWN	OF RGE	DIV SEC	TRACT	PLACE OF USE	PERIOD OF USE
63-03457		GW	7/14/1965	Irrigation, Domestic, Fire Protection	1.67	1209.00	3N	2E	24	SW,NE	T3N, R3E, S19 SWNE 8, SENW 7, NESW 5, NWSE 10; 30 acres total, place of use for domestic and fire protection is the same.	1/1-12/31 & 3/15-11/15
63-03494		GW	3/8/1966	Municipal	6.44		3N	2E	17	NE,SW	Within city limits of Boise & vicinity	1/1-12/31
63-03562		GW	11/7/1966	Municipal	1.47		3N	2E	19	NE,NW	Within city limits of Boise & vicinity	1/1-12/31
63-04015*		GW	10/17/1960	Domestic, Fire Protection	2.00		3N	2E	27	NW,SE	Within city limits of Boise	1/1-12/31
63-04395		GW	6/1/1950	Irrigation, Domestic	0.75		3N	3E	S29	SE,NE	T3N R3E S28 SENE 18, SWNW 02; S29 NESE 5, 25 acres total; S29 NENE, SENE, NWNW, SWNW, NESE domesitc	4/15-10/10, 1/1-12/30
63-04414		GW	7/1/1943	Municipal	1.11		3N	2E	32	NE,NE	Within the city limits of Boise and for Gowen Field Airport	1/1-12/31
63-04424		GW	7/1/1943	Municipal	1.33		3N	2E	33	NE,NW	Within the city limits of Boise and for Gowen Field Airport	1/1-12/31
63-04752		GW	1/1/1947	Municipal	1.11		3N	2E	2	NE,NW	Within city limits of Boise	1/1-12/31
63-07066		GW	2/28/1968	Domestic	5.80		4N	1E	36	NE,NW	Within city of Boise	1/1-12/31
63-07067	4998	GW	2/28/1968	Municipal	2.84		3N 3N 3N 3N	2E 2E 2E 2E	4 9 9 10	SW,SW NE,NW SE,NW NW,NW	Within city of Boise and surrounding service area	1/1-12/31
63-07077*		GW	3/15/1968	Domestic, Fire Protection	1.11		3N	2E	27	NW,SE	T3N, R2E, S27 NWSE	1/1-12/31
63-07204		GW	3/13/1969	Municipal	1.82		3N	2E	8	NE,NE	Within city limits of Boise & vicinity	1/1-12/31
63-07282		GW	12/2/1969	Municipal	4.12		3N	2E	20	SE,NE	Within city limits of Boise & vicinity	1/1-12/31
63-07348		GW	7/14/1970	Municipal	6.60		3N	2E	7	SW,SW	Within city limits of Boise & vicinity	1/1-12/31
63-07479		GW	8/20/1971	Municipal	7.00		3N	2E	22	SE,SE	City of Boise and vicinity	1/1-12/31
63-07577		GW	4/6/1972	Municipal	2.01		3N	2E	36	SW,NE	Within city limits of Boise	1/1-12/31
63-07589		GW	4/20/1972	Municipal	4.40		3N	1E	3	SE,NE	Within city limits of Boise	1/1-12/31
63-07641		GW	8/17/1972	Domestic	2.00		2N	1E	3	SE,SE	T2N, R1E, S3 SWSE, SESE	1/1-12/31
63-07658		GW	1/8/1973	Municipal	1.06		3N	1E	3	SE,NE	Within city limits of Boise	1/1-12/31
63-07896		GW	11/13/1973	Domestic	0.25	181.00	3N	1E	27	NW,SE	T3N, R1E, S27 NWSE	1/1-12/31
63-07979		GW	5/13/1974	Irrigation, Domestic, Fire Protection	2.00	1268.00	2N	1E	3	NESW	T2N, R01E, S2 SW1/4, SWSE; S3 NENW, SENW, NESW, NWSW, SESW, SE1/4; S10 NENE, SENE; S11 NWNE, NW1/4	1/1-12/31, 4/1-10/31
63-07998		GW	6/25/1974	Irrigation, Domestic, Fire Protection	1.27	658.00	3N	1E	27	SE,NE	T3N, R1E, S27 SWNE, SENE,NESE, NWSE	1/1-12/31, 4/1-10/31
63-08011		GW	7/18/1974	Domestic, Fire Protection	3.00	276.00	3N	1E	23	SE,NW	T3N,R1E, S23 NW1/4	1/1-12/31
63-08059		GW	11/12/1974	Municipal	0.57		4N	2E	32	SW,NW	Within city limits of Boise	1/1-12/31
63-08236		GW	11/28/1975	Municipal	3.63		3N	2E	25	NW,SE	City of Boise	1/1-12/31

UWID's Current Licensed and Statutory Ground Water Rights

RIGHT NUMBER	TRANSFER	SOURCE	PRIORITY	PURPOSE OF USE	AMOUNT (CFS)	AMOUNT (AFA)	POINT TWN	OF RGE	DIV SEC	TRACT	PLACE OF USE	PERIOD OF USE
63-08248		GW	1/2/1976	Irrigation, Domestic, Fire Protection	1.57	843.00	3N	1E	27	NE,NE	T3N, R1E, S22 SWSE 20, SESE 20; S27 NENE 32, SWNE 32, SENE 32, NESE 32, NWSE 32, 200 acres total	1/1-12/31, 4/1-10/31
63-08265		GW	2/23/1976	Domestic	2.37		3N	1E	15	SE,NE	T3N, R1E, S15, NWNE, SWNE, SENE	1/1-12/31
63-08385		GW	11/6/1977	Domestic	0.49	152.40	3N	3E	S29	SE,NE	T3N, R3E, S28 SWNW, NWSW; S29 SENE, NESE (152 homes)	1/1-12/30
63-08405		GW	1/12/1977	Irrigation, Domestic, Fire Protection	2.00	1320.00	2N	1E	3	SE,SE	T2N, R1E, S2 NWNW 7, SWNW 7, NESW 7, NWSW 7, SWSW 7, SESW 7; T2N, R1E, S3 NENW 7, SWNW 7, SENW 2, NESW 7, NWSW 2, SESW 4, SWSE 7, SESE 7 ; T2N, R1E, S10 NENE 3; T2N, R1E, S11 NENW 5, NWNW 7, 100 acres total, place of use same for domestic and fire protection	1/1-12/31, 3/1-10/31
63-08432		GW	2/10/1977	Municipal	1.78		3N	1E	36	NE,SE	T3N, R1E, S31 NE 1/4; S35 NW1/4	1/1-12/31
63-08635		GW	8/17/1983	Irrigation, Domestic, Fire Protection	0.89	106.20	3N	1E	23	SE, SE	T3N, R1E, SEC. 23 SWSE 6, SESE 8, 14 acres total	1/1-12/31, 3/15-11/15
63-08990		GW	7/19/1977	Municipal	4.00		3N	1E	24	NE,SE	Within Boise Water Corp."	1/1-12/31
63-09087		GW	11/25/1977	Municipal	3.40		3N	1E	23	NW,NW	T3N, R1E, S23, NW1/4	1/1-12/31
63-09106		GW	1/23/1978	Domestic, Fire Protection	1.12		3N	1E	15	NE,SE	T3N, R1E, S15 NESE, NWSE	1/1-12/31
63-09147		GW	6/6/1978	Municipal	4.00		3N	2E	30	SW,SE	City of Boise and adjacent area	1/1-12/31
63-09198		GW	1/2/1979	Municipal, Fire Protection	2.45		3N	1E	27	NW,SW	T3N, R1E, S22 SWSE, SESE; S27 NENE, SWNE, SENE, NESW, NWSW, NESE, NWSE	1/1-12/31
63-09199		GW	1/3/1979	Municipal, Fire Protection	3.12		3N	1E	34	NE,SW	T3N, R1E, S2 NENW, SENW, SW1/4; S3 NENW, SENW, NESW, SE 1/4; S34 NESW	1/1-12/31
63-09204		GW	1/9/1979	Municipal	4.00		4N	1E	27	NW,SW	Within Boise Water Corp. service area	1/1-12/31
63-09205		GW	1/9/1979	Municipal	4.00		4N	1E	35	NE,NW	Within Boise Water Corp. service area	1/1-12/31
63-09219		GW	3/20/1979	Municipal	2.23		3N	2E	24	SW,NW	Within the limits of the Boise Water Corp. Service Area	1/1-12/31
63-09223		GW	4/3/1979	Municipal	4.23		3N	1E	36	NW,NE	Within the limits of the Boise Water Corp. Service Area	1/1-12/31
63-09384		GW	5/27/1980	Irrigation, Domestic, Fire Protection	1.00	420.00	3N	1E	15	SE,SW	T3N, R1E, S15 NESW 20, SESW 20, 40 acres total, place of use for domestic and fire protection same as for irrigation	1/1-12/31, 4/1-10/31
63-09671		GW	2/25/1981	Municipal	2.12		3N	1E	14	NE,NE	Within city limits of Boise	1/1-12/31
63-09855		GW	12/23/1981	Municipal	3.34		4N	1E	34	NE,SW	Within city limits of Boise	1/1-12/31
63-10150		GW	7/1/1983	Irrigation Domestic	0.48	56.10	3N 3N	3E 3E	S28 S29	SW,NW SE,NE	T3N, R3E, S28 NWNW, SWNW; S29 NENE, SENE, place domestic is same as for irrigation	3/15-11/15 1/1-12/31
63-10386		GW	9/19/1986	Municipal	1.11		3N	2E	14	SE,NE (lot 7)	Within city limits of Boise	1/1-12/31
63-10391		GW	11/14/1986	Irrigation, Domestic, Fire Protection	0.30	62.40	3N	1E	15	SW,SW	T3N, R1E, S15, SWSW 8 Acres total, place of use for irrigation and domestic is same as for irrigation	1/1-12/31, 3/15-11/15
63-10405		GW	3/17/1987	Municipal	1.56		3N	2E	24	SW,SE	Within city limits of Boise	1/1-12/31
63-10533		GW	9/9/1987	Municipal	0.52		4N	2E	27	NW,SE	Within city limits of Boise	1/1-12/31

UWID's Current Licensed and Statutory Ground Water Rights

RIGHT NUMBER	TRANSFER	SOURCE	PRIORITY	PURPOSE OF USE	AMOUNT (CFS)	AMOUNT (AFA)	POINT TWN	OF RGE	DIV SEC	TRACT	PLACE OF USE	PERIOD OF USE
63-10569		GW	2/5/1988	Municipal	1.78		2N	2E	2	NW,NW	Within city limits of Boise	1/1-12/31
63-10688		GW	8/15/1988	Municipal	2.00		4N	2E	30	SW,SE	Within the city limits of Boise and the surrounding service area	1/1-12/31
63-10862		GW	7/18/1989	Municipal	1.44		3N	2E	26	NW,NE,SE	Within the city limits of Boise and the surrounding service area	1/1-12/31
63-11034		GW	10/22/1989	Municipal	2.74		3N	2E	32	NW,NW	Within the Boise Water Corp. service area	1/1-12/31
63-11068		GW	11/17/1989	Municipal	2.79		3N	2E	8	NE,SW	Within the Boise Water Corp. service area	1/1-12/31
63-11090A		GW	1/21/1990	Municipal	1.73	376.40	4N	1E	5	SE,SW	Within United Water Idaho's municipal service area	1/1-12/31
63-11118		GW	2/1/1990	Municipal	2.78		3N	2E	16	NE,SE	Within the city limits of Boise and the surrounding area served by Boise Water Corp.	1/1-12/31
63-11232		GW	2/12/1990	Municipal	2.83		3N	1E	9	SE,NE	Within city limits of Boise	1/1-12/31
63-11384		GW	8/7/1990	Municipal	3.12		4N	1E	27	SE,NE	Within the city limits of Boise and the surrounding service area	1/1-12/31
63-11385		GW	8/7/1990	Municipal	2.58		3N	2E	35	NE,NW	Within the Boise Water Corp. service area	1/1-12/31
63-11558		GW	6/24/1991	Municipal	2.67		3N	2E	6	SE,SE	Within the city limits of Boise and the surrounding service area	1/1-12/31
63-11950		GW	10/14/1992	Municipal	2.30		3N	2E	21	NE,NE	Within the city limits of Boise and the surrounding service area of United Water Idaho	1/1-12/31
63-11951		GW	10/14/1992	Municipal	0.85		3N	2E	19	NE,NW	Within the city limits of Boise and the surrounding service area of United Water Idaho	1/1-12/31
63-11990**		GW	1/27/1993	Domestic, Fire Protection	1.80	624.00	3N	1E	16	SE,NE	T3N, R1E, S15 NW1/4; S16 NE1/4	1/1-12/31
63-12043		GW	7/23/1993	Municipal	4.46		2N	2E	17	SE,NE	Within the city limits of Boise and the surrounding area served by United Water Idaho.	1/1-12/31
							2N	2E	17	NW,NW		
							2N	2E	21	NE,NW		
							2N	2E	22	NW,NE		
63-12363		GW	9/9/1996	Municipal	4.50		3N	2E	16	NE,SE	City limits of Boise and surrounding service area	1/1-12/31
63-19456	4998	GW	3/31/1953	Municipal	1.60		3N	2E	4	SW,SW	Within the City of Boise and surrounding service area	1/1-12/31
							3N	2E	9	NE,NW		
							3N	2E	9	SE,NW		
							3N	2E	10	NW,NW		
				Total CFS	231.35	(reduced by 1.05 cfs to reflect combined flow limitations for rights 63-7641 and 63-8405; and 63-8385 and 63-10150)						

* Water rights 63-04015 and 63-07077 overlap the same use of water. Water right 63-4015 is the statutory claim for the water right out of the B.I.F. well while 63-07077 is an after-acquired license for the use. The total above excludes the 1.11 cfs licensed under right 63-07077

** Water right 63-11990 currently contain the "moratorium condition" that limits the volume and irrigation acreage per household. This condition is not appropriate for muncipal providers, and UWID requests that IDWR remove the condition in the transfer process.

UWID also holds contract entitlements for delivery of surface water from the Boise River and a water right from the Snake River diverted using water from the Boise River through an exchange. These rights are identified on page 65 of this application. These rights are not being transferred but should be taken into account in quantifying UWID's total portfolio.

K. SPREADSHEET 2: SUMMARY OF PRE-CHANGE PERMITS

Reflects Permit
data as ok 5/4/01

before 6 were
licensed.

Assume 63.12192
gets successfully re-notified
(in progress). Was not logged
on 5/4/01.

UWID's Current Water Right Permits

RIGHT NUMBER	SOURCE	PRIORITY	PURPOSE OF USE	AMOUNT (CFS)	AMOUNT (AFA)	POINT TWN	OF RGE	DIV SEC	TRACT	PLACE OF USE	PERIOD OF USE
63-10945	GW	10/29/1989	Irrigation, Domestic, Fire Protection	2.00		3N	2E	24	NE,SW,NE (lot 2) 3PODs	T3N, R3E, S19 NWNE, SWSE, SENE, NENW, SWNW, SENW, NESW, NWSW, 67 acres total	1/1-12/31, 3/15-11/15
63-11467	GW	2/21/1991	Municipal	2.27	520.00	4N	1E	16	NW,SW (lot 5)	Within the service area of United Water Idaho	1/1-12/31
						4N	1E	21	NW,NW (lot 4)		
63-11878	GW	6/15/1992	Municipal	0.99	190.50	4N	1E	7	SW,NW (lot 2)	Within the service area of United Water Idaho	1/1-12/31
						4N	1E	8	SE,NW		
63-12055*	Boise River	9/8/1993	Municipal	24.80		3N	2E	14	SE,NE (lot 7)	City limits of Boise and the area of certification	1/1-12/31
63-12138	GW	8/19/1994	Municipal	3.90		2N	2E	17	SE,NE	Within the city limits of Boise and the surrounding area served by United Water Idaho.	1/1-12/31
						2N	2E	17	NW,NW		
						2N	2E	21	NE,NW		
						2N	2E	22	NW,NE		
63-12139	GW	8/19/1994	Municipal	4.90		2N	2E	17	SE,NE	Within the city limits of Boise and the surrounding area served by United Water Idaho.	1/1-12/31
						2N	2E	17	NW,NW		
						2N	2E	21	NE,NW		
						2N	2E	22	NW,NE		
63-12140	GW	10/19/1994	Municipal	3.50		4N	1E	28	SW,SW	Within the city limits of Boise and the surrounding service area	1/1-12/31
63-12192	GW	3/31/1995	Municipal	5.00		4N	1E	5	SE,SW	Within the City limits of Boise and the surrounding area	1/1-12/31
						4N	1E	7	SW,NW (lot 2)	Certificated Area	1/1-12/31
63-12310	GW	1/19/1996	Municipal	3.00		4N	2E	32	SE,SE (lot 1)	Certificated Area	1/1-12/31
63-12334	GW	3/8/1995	Municipal	0.38	42.00	4N	1W	23	NE,SW	Within the service area of United Water Idaho	1/1-12/31
						4N	1W	24	SW,SE		
63-12362	GW	9/30/1996	Fire Protection	2.22		4N	1W	24	SW,SE	T4N, R1W, S24 SWSE	1/1-12/31
63-12424*	GW	12/3/1997	Domestic, Fire Protection	3.50		2N	2W	10	NW,SE	Coventry Place Subdivision (P)	1/1-12/31
63-12432	GW	1/30/1998	Municipal	4.50		4N	1E	16	NW,SW (lot 5)	Within the service area of United Water Idaho	1/1-12/31
						4N	1E	21	NW,NW (lot 4)		
63-12452	GW	4/15/1998	Municipal	4.50		4N	1E	5	SE,SW	Within the City limits of Boise and the surrounding area	1/1-12/31
						4N	1E	7	SW,NW (lot 2)	Certificated Area	
63-12463	GW	6/25/1998	Municipal	3.00		3N	2W	31	SE,NE	Within the service area of United Water Idaho	1/1-12/31
						3N	2W	31	NE,SE		
						3N	2W	31	NW,SE		
63-12464	GW	7/13/1998	Municipal	0.30		3N	3E	S28	SW,NW	Within the Service Area of the Barber Water Corp.	1/1-12/31
						3N	3E	S29	SE,NE		
63-12506	GW	1/15/1999	Municipal	3.50		2N	2W	10	NW,SE	Located within the service area of UWID, Inc	1/1-12/31
63-12516	GW	4/13/1999	Municipal	4.00		4N	1W	23	NE,SW	Within the service area of United Water Idaho	1/1-12/31
						4N	1W	24	SW,SE		
63-12552	GW	11/18/1999	Municipal	3.00		2N	1W	11	NW,NW	The place of use is located near Kuna within the non-contiguous service area of United Water Idaho	1/1-12/31 per IDWR Records
			Total CFS:	79.26							

*Water rights 63-12055 and 63-12424 currently contain the "moratorium condition" that limits the volume and irrigation acreage per user. UWID requests that IDWR remove the condition in the transfer process.

L. SPREADSHEET 3: SUMMARY OF POST-CHANGE WATER RIGHTS

all Municipal 1/1-12/31,

Some of several cts, explained
as in discussion
were exceeded authorized rate.

JK

Description of UWID's Ground Water Rights After Transfer

RIGHT NUMBER	SOURCE	PRIORITY	AMOUNT (CFS)	AMOUNT (AFA)	PERIOD OF USE	POINT OF DIVERSION
63-02500	Ground water	8/30/1934	0.80		1/1-12/31	See list behind Tab "N"
63-02506	Ground water	6/5/1935	1.66		1/1-12/31	See list behind Tab "N"
63-02576	Ground water	4/26/1938	1.90		1/1-12/31	See list behind Tab "N"
63-02595	Ground water	8/31/1966	1.34		1/1-12/31	See list behind Tab "N"
63-02605	Ground water	7/2/1943	0.90		1/1-12/31	See list behind Tab "N"
63-02668	Ground water	7/15/1947	2.14		1/1-12/31	See list behind Tab "N"
63-02703	Ground water	6/23/1948	5.00		1/1-12/31	See list behind Tab "N"
63-02808	Ground water	4/3/1950	3.10		1/1-12/31	See list behind Tab "N"
63-02874	Ground water	8/18/1951	4.00		1/1-12/31	See list behind Tab "N"
63-02892	Ground water	2/7/1952	15.00		1/1-12/31	See list behind Tab "N"
63-02954	Ground water	8/27/1953	0.90		1/1-12/31	See list behind Tab "N"
63-02956	Ground water	8/27/1953	0.56		1/1-12/31	See list behind Tab "N"
63-02989	Ground water	6/2/1954	1.00		1/1-12/31	See list behind Tab "N"
63-03064	Ground water	10/31/1955	1.22		1/1-12/31	See list behind Tab "N"
63-03073	Ground water	1/4/1956	2.00		1/1-12/31	See list behind Tab "N"
63-03105	Ground water	12/19/1956	2.00		1/1-12/31	See list behind Tab "N"
63-03112	Ground water	9/11/1957	1.44		1/1-12/31	See list behind Tab "N"
63-03128	Ground water	4/24/1958	4.44		1/1-12/31	See list behind Tab "N"
63-03164	Ground water	8/5/1959	1.73		1/1-12/31	See list behind Tab "N"
63-03172	Ground water	10/14/1959	2.22		1/1-12/31	See list behind Tab "N"
63-03202	Ground water	6/8/1960	2.89		1/1-12/31	See list behind Tab "N"
63-03291	Ground water	5/21/1962	2.40		1/1-12/31	See list behind Tab "N"
63-03292	Ground water	5/21/1962	2.26		1/1-12/31	See list behind Tab "N"
63-03293	Ground water	5/21/1962	3.56		1/1-12/31	See list behind Tab "N"
63-03295	Ground water	5/24/1962	3.24		1/1-12/31	See list behind Tab "N"
63-03411	Ground water	6/17/1964	0.25		1/1-12/31	See list behind Tab "N"
63-03448	Ground water	4/27/1965	4.89		1/1-12/31	See list behind Tab "N"
63-03457	Ground water	7/14/1965	1.67		1/1-12/31	See list behind Tab "N"
63-03494	Ground water	3/8/1966	6.44		1/1-12/31	See list behind Tab "N"
63-03562	Ground water	11/7/1966	1.47		1/1-12/31	See list behind Tab "N"
63-04015*	Ground water	10/17/1960	2.00		1/1-12/31	See list behind Tab "N"
63-04395	Ground water	6/1/1950	0.75		1/1-12/31	See list behind Tab "N"
63-04414	Ground water	7/1/1943	1.11		1/1-12/31	See list behind Tab "N"
63-04424	Ground water	7/1/1943	1.33		1/1-12/31	See list behind Tab "N"
63-04752	Ground water	1/1/1947	1.11		1/1-12/31	See list behind Tab "N"
63-07066	Ground water	2/28/1968	5.80		1/1-12/31	See list behind Tab "N"
63-07067	Ground water	2/28/1968	2.84		1/1-12/31	See list behind Tab "N"
63-07204	Ground water	3/13/1969	1.82		1/1-12/31	See list behind Tab "N"
63-07282	Ground water	12/2/1969	4.12		1/1-12/31	See list behind Tab "N"
63-07348	Ground water	7/14/1970	6.60		1/1-12/31	See list behind Tab "N"
63-07479	Ground water	8/20/1971	7.00		1/1-12/31	See list behind Tab "N"
63-07577	Ground water	4/6/1972	2.01		1/1-12/31	See list behind Tab "N"
63-07589	Ground water	4/20/1973	4.40		1/1-12/31	See list behind Tab "N"
63-07641	Ground water	8/17/1972	2.00		1/1-12/31	See list behind Tab "N"
63-07658	Ground water	1/8/1973	1.06		1/1-12/31	See list behind Tab "N"
63-07896	Ground water	11/13/1973	0.25		1/1-12/31	See list behind Tab "N"
63-07979	Ground water	5/13/1974	1.75		1/1-12/31	See list behind Tab "N"
63-07998	Ground water	6/25/1974	0.91		1/1-12/31	See list behind Tab "N"
63-08011	Ground water	7/18/1974	0.38		1/1-12/31	See list behind Tab "N"
63-08059	Ground water	11/12/1974	0.57		1/1-12/31	See list behind Tab "N"
63-08236	Ground water	11/28/1975	3.63		1/1-12/31	See list behind Tab "N"
63-08248	Ground water	1/2/1976	1.16		1/1-12/31	See list behind Tab "N"

Description of UWID's Ground Water Rights After Transfer

RIGHT NUMBER	SOURCE	PRIORITY	AMOUNT (CFS)	AMOUNT (AFA)	PERIOD OF USE	POINT OF DIVERSION
63-08265	Ground water	2/23/1976	2.37		1/1-12/31	See list behind Tab "N"
63-08385	Ground water	11/6/1977	0.25		1/1-12/31	See list behind Tab "N"
63-08405	Ground water	1/12/1977	1.82		1/1-12/31	See list behind Tab "N"
63-08432	Ground water	2/10/1977	1.78		1/1-12/31	See list behind Tab "N"
63-08635	Ground water	8/17/1983	0.15		1/1-12/31	See list behind Tab "N"
63-08990	Ground water	7/19/1977	4.00		1/1-12/31	See list behind Tab "N"
63-09087	Ground water	11/25/1977	3.40		1/1-12/31	See list behind Tab "N"
63-09106	Ground water	1/23/1978	1.12		1/1-12/31	See list behind Tab "N"
63-09147	Ground water	6/6/1978	4.00		1/1-12/31	See list behind Tab "N"
63-09198	Ground water	1/2/1979	2.45		1/1-12/31	See list behind Tab "N"
63-09199	Ground water	1/3/1979	3.12		1/1-12/31	See list behind Tab "N"
63-09204	Ground water	1/9/1979	4.00		1/1-12/31	See list behind Tab "N"
63-09205	Ground water	1/9/1979	4.00		1/1-12/31	See list behind Tab "N"
63-09219	Ground water	3/20/1979	2.23		1/1-12/31	See list behind Tab "N"
63-09223	Ground water	4/3/1979	4.23		1/1-12/31	See list behind Tab "N"
63-09384	Ground water	5/27/1980	0.58		1/1-12/31	See list behind Tab "N"
63-09671	Ground water	2/25/1981	2.12		1/1-12/31	See list behind Tab "N"
63-09855	Ground water	12/23/1981	3.34		1/1-12/31	See list behind Tab "N"
63-10150	Ground water	7/1/1983	0.08		1/1-12/31	See list behind Tab "N"
63-10386	Ground water	9/19/1986	1.11		1/1-12/31	See list behind Tab "N"
63-10391	Ground water	11/14/1986	0.09		1/1-12/31	See list behind Tab "N"
63-10405	Ground water	3/17/1987	1.56		1/1-12/31	See list behind Tab "N"
63-10533	Ground water	9/9/1987	0.52		1/1-12/31	See list behind Tab "N"
63-10569	Ground water	2/5/1988	1.78		1/1-12/31	See list behind Tab "N"
63-10688	Ground water	8/15/1988	2.00		1/1-12/31	See list behind Tab "N"
63-10862	Ground water	7/18/1989	1.44		1/1-12/31	See list behind Tab "N"
63-11034	Ground water	10/22/1989	2.74		1/1-12/31	See list behind Tab "N"
63-11068	Ground water	11/17/1989	2.79		1/1-12/31	See list behind Tab "N"
63-11090A	Ground water	1/21/1990	0.52		1/1-12/31	See list behind Tab "N"
63-11118	Ground water	2/1/1990	2.78		1/1-12/31	See list behind Tab "N"
63-11232	Ground water	2/12/1990	2.83		1/1-12/31	See list behind Tab "N"
63-11384	Ground water	8/7/1990	3.12		1/1-12/31	See list behind Tab "N"
63-11385	Ground water	8/7/1990	2.58		1/1-12/31	See list behind Tab "N"
63-11558	Ground water	6/24/1991	2.67		1/1-12/31	See list behind Tab "N"
63-11950	Ground water	10/14/1992	2.30		1/1-12/31	See list behind Tab "N"
63-11951	Ground water	10/14/1992	0.85		1/1-12/31	See list behind Tab "N"
63-11990	Ground water	1/27/1993	0.86		1/1-12/31	See list behind Tab "N"
63-12043	Ground water	7/23/1993	4.46		1/1-12/31	See list behind Tab "N"
63-12363	Ground water	9/9/1996	4.50		1/1-12/31	See list behind Tab "N"
63-19456	Ground water	3/31/1953	1.60		1/1-12/31	See list behind Tab "N"

Total CFS: **222.46** (reduced by 0.70 cfs to reflect combined flow limitation for rights 63-7641 and 63-8405)

Place of use for all rights: Within the Service Area of United Water Idaho

Nature of use for all rights: Municipal

*** Water right 63-04016 is a statutory claim that overlaps the license for 63-07077. Water right 63-07077 has been omitted from this list on the assumption that the Department will recognize water right 63-04016. If the Department does not, then water right 63-07077 will be added back to this list**

M. SPREADSHEET 4: SUMMARY OF POST-CHANGE PERMITS

all municipal 1/1-12/31

Some w/ covered cts, explained pg 20 discussion

None of cts > authorized flow w/ permit issued.

Some new/revised & more to come 1st.

OK

Description of UWID's Permits After Application for Amendment

RIGHT NUMBER	SOURCE	PRIORITY	PURPOSE OF USE	AMOUNT (CFS)	AMOUNT (AFA)	PERIOD OF USE
63-10945	Ground water	10/29/1989	Municipal	2.00		1/1-12/31
63-11467	Ground water	2/21/1991	Municipal	0.72		1/1-12/31
63-11878	Ground water	6/15/1992	Municipal	0.26		1/1-12/31
63-12043	Ground water	7/23/1993	Municipal	4.46		1/1-12/31
63-12055	Boise River	9/8/1993	Municipal	24.80		1/1-12/31
63-12138	Ground water	8/19/1994	Municipal	3.90		1/1-12/31
63-12139	Ground water	8/19/1994	Municipal	4.90		1/1-12/31
63-12140	Ground water	10/19/1994	Municipal	3.50		1/1-12/31
63-12192	Ground water	3/31/1995	Municipal	5.00		1/1-12/31
63-12310	Ground water	1/19/1996	Municipal	3.00		1/1-12/31
63-12334	Ground water	3/8/1995	Municipal	0.06		1/1-12/31
63-12362	Ground water	9/30/1996	Municipal	2.22		1/1-12/31
63-12432	Ground water	1/30/1998	Municipal	4.50		1/1-12/31
63-12452	Ground water	4/15/1998	Municipal	4.50		1/1-12/31
63-12464	Ground water	7/13/1998	Municipal	0.30		1/1-12/31
63-12516	Ground water	4/13/1999	Municipal	4.00		1/1-12/31

Total CFS: 68.12

Place of use for all permits: "Within the Service Area of UWID"

Point of diversion for all permits: Please see list behind Tab "N", except right 63-10255 for which the point of diversion will be Township 3N, Range 2E, Section 14 SENE (lot 7) (existing Marden Treatment Plant intake), and Township 2N, Range 3E, Section 4 NWNE (existing pipeline intake for proposed Columbia Treatment Plant).

Needs Revision 2/12 Review

N. SPREADSHEET 5: SUMMARY OF POST-CHANGE POINTS OF DIVERSION

UWID GROUND WATER ALTERNATE POINTS OF DIVERSION

WELL NAME	TWN	RGE	SEC	TRACT	CURRENT ASSOCIATED WATER RIGHT NUMBER(s)	INTERFERENCE PRIORITY DATE	INTERFERENCE QUANTITY
Amity	3N	1E	36	NW,NW,NE	63-09223	4/3/1979	4.23
Arctic #1	3N	2E	8	NE,NE,NE	63-02668	7/15/1947	2.14
Arctic #2	3N	2E	8	NE,NE,NE	63-07204	3/13/1969	1.82
B.I.F.	3N	2E	27	SE,NW,SE	63-04015	10/17/1960	2.00
					63-07077	3/15/1968	1.11
Barber #1	3N	3E	29	SE,NE	63-04395	6/1/1950	0.75
					63-08385	11/6/1977	0.49
					63-10150	7/1/1983	0.48
					63-12464	7/13/1998	0.30
Barber #2	3N	3E	28	SW,NW	63-10150	7/1/1983	0.48
					63-12464	7/13/1998	0.30
Barber #3	3N	3E	33	SE,NW,NE	Application *	1/18/2002	2.00
Bali Hai #1	3N	1E	3	SW,SE,NE	63-07589	4/20/1973	4.40
					63-07658	1/8/1973	1.06
Beacon	3N	2E	14	NW,SE,NW	63-03448	4/27/1965	4.90
Bergeson	3N	2E	26	NW,NE,SE	63-10862	7/18/1989	1.44
Bethel	3N	2E	7	NE,SW,SW	63-07348	7/14/1970	6.60
Biggs	3N	2E	18	SE,SE,SE	63-02956	8/27/1953	0.56
Broadway	3N	2E	22	SE,SE,SE	63-07479	8/20/1971	7.00
Brookhollow No. 1	3N	1E	15	SE,NE	63-08265	2/23/1976	2.37
Byrd	3N	2E	33	SW,NE,NW	63-04424	7/1/1943	1.33
Carriage Hill	3N	2W	31	SE,NE	63-12463	6/25/1998	3.00
	3N	2W	31	NE,SE	63-12463	6/25/1998	3.00
	3N	2W	31	NW,SE	63-12463	6/25/1998	3.00
Cartwright	4N	2E	27	NW,SE	63-10533	9/9/1987	0.52
Cassia	3N	2E	16	NE,NE,SE	63-11118	2/1/1990	2.78
Cassia #2	3N	2E	16	NE,NE,SE	63-12363	9/9/1996	4.50
Centennial	3N	2E	25	NW,NW,SE	63-08236	11/28/1975	3.63
Central Park	3N	2E	2	NW,NE,NW	63-04752	1/1/1947	1.11
Chamberlin #1	3N	2E	22	SE,NW,NE	63-03202	6/8/1960	2.89
Chamberlin #2	3N	2E	22	SE,NW,NE	63-03292	5/21/1962	2.26
Cliffside	3N	2E	15	SW,NW,NW	63-02703	6/23/1948	5.00
Clinton	3N	2E	8	SW,NE,SW	63-11068	11/17/1989	2.79
Cole	3N	1E	24	NE,NE,SE	63-08990	7/19/1977	4.00
Coventry Place	2N	2W	10	NW,SE	63-12424	12/3/1997	3.50
					63-12506	1/15/1999	3.50
Country Club	3N	2E	28	SE,NW,NW	63-03073	1/4/1956	2.00
Country Squire	3N	1E	23	NW,NW	63-09087	11/25/1977	3.40
Countryman Estates	3N	1E	23	SE,NW	63-08011	7/18/1974	3.00
Danskin # 1	2N	1W	11	NW,NW	63-12552	11/18/1999	3.00
Danskin # 2	2N	1W	12	NW,NW	63-12553	11/19/1999	4.00
Edgeview	3N	1E	16	SE,NE	63-11990	1/27/1993	1.80
Empire	3N	2E	18	NE,SW,SE	63-02954	8/27/1953	0.90
Fisk	3N	2E	6	SW,SE,SE	63-11558	6/24/1991	2.67
Five Mile Estates W.	3N	1E	27	NW,SE	63-07896	11/13/1973	0.25

* 63-31407 per IDWR Records

UWID GROUND WATER ALTERNATE POINTS OF DIVERSION

Five Mile Estates W.	3N	1E	27	SE,NE	63-07998	6/25/1974	1.27
Five Mile West #12	3N	1E	27	NW,SW	63-09198	1/2/1979	2.45
Floating Feather	4N	1E	5	SESW	63-11090A	1/21/1990	1.73
					63-12192	3/31/1995	5.00
					63-12452	4/15/1998	4.50
Foxtail	4N	1E	24	SE,SE	63-12334	3/8/1995	0.38
					63-12362	9/30/1996	2.22
					63-12516	4/13/1999	4.00
Franklin Park	3N	2E	18	SW,NW,NE	63-03105	12/19/1956	2.00
Frontier	4N	1E	34	SE,NE,SW	63-09855	12/23/1981	3.34
Goddard	4N	1E	36	SW,NE,NW	63-07066	2/28/1968	5.80
H.P.	4N	1E	27	SW,SE,NE	63-11384	8/7/1990	3.12
Hidden Valley Estates	2N	1E	3	SE,SE	63-07641	8/17/1972	2.00
					63-08405	1/12/1977	2.00
Hidden Valley Estates	2N	1E	3	NE,SW	63-07979	5/13/1974	2.00
Hillcrest	3N	2E	20	SE,SE,NE	63-07282	12/2/1969	4.12
Hilton	3N	2E	17	SE,NE,SW	63-03494	3/8/1966	6.44
Hope	3N	1E	9	NE,SE,NE	63-11232	2/12/1990	2.83
Hummel	3N	2E	18	SW,NE,SW	63-03172	10/14/1959	2.22
Idaho	3N	2E	4	SWSW	63-07067	2/28/1968	2.84
Island Woods #1	4N	1E	16	NE,NW,SW (lot	63-11467	2/21/1991	2.27
					63-12432	1/30/1998	4.50
Island Woods #2	4N	1E	21	NE,NW,NW (lot	63-11467	2/21/1991	2.27
					63-12432	1/30/1998	4.50
J.R. Flat	2N	2E	2	SW,NW,NW	63-10569	2/5/1988	1.78
Joplin	4N	1E	27	NW,NW,SW	63-09204	1/9/1979	4.00
Junker	3N	2E	32	SE,NE,NE	63-04414	7/1/1943	1.11
Kirkwood	3N	2E	19	SW,NE,NE	63-03112	9/11/1957	1.44
La Grange	3N	1E	34	NE,SW	63-09199	1/3/1979	3.12
Lizaso Well	3N	1E	15	SE,SW	63-09384	5/27/1980	1.00
Logger	3N	2E	24	NW,SW,NW	63-09219	3/20/1979	2.23
Longmeadow	3N	2E	13	NW,SW,NW	63-02808	4/3/1950	3.10
Mac	3N	2E	32	SW,NW,NW	63-11034	10/22/1989	2.74
Maple Hills #1	3N	1E	14	SW,NE,NE	63-09671	2/25/1981	2.12
Maple Hills #2	3N	1E	14	SW,NE,NE	Application *	1/18/2002	2.00
Marden	3N	2E	14	NE,SE,NE	63-10386	9/19/1986	1.11
Marden Collectors	3N	2E	14	SE,SE,NE	63-02892	2/7/1952	15.00
Market	3N	2E	35	NE,NE,NW	63-11385	8/7/1990	2.58
McMillan	4N	1E	28	SE,SW,SW	63-12140	10/19/1994	3.50
Mesa #1	3N	2E	24	NE,SW,NE	63-03457	7/14/1965	1.67
					63-10945	8/31/1989	2.00
Mesa #2	3N	2E	24	NE,SW,NE	63-03457	7/14/1965	1.67
					63-10945	8/31/1989	2.00
Mesa #3	3N	2E	24	NE,SW,NE	63-10945	8/31/1989	2.00
Mountain View	3N	2E	14	SW,NE,NE	63-02506	6/5/1935	1.66
Orchid	3N	2E	14	SE,NE,NE	63-02576	4/26/1938	1.90
Overland	3N	2E	19	NW,NE,NW	63-11951	10/14/1992	0.85
Overland #6	3N	2E	19	NW,NE,NW	63-03562	11/7/1966	1.47
Overland Estates	3N	1E	15	SW,SW	63-10391	11/14/1986	0.30
Paradise North	3N	1E	15	NE,SE	63-09106	1/23/1978	1.12

* 63-31406 per IDWR Records

UWID GROUND WATER ALTERNATE POINTS OF DIVERSION

Pioneer	2N	2E	22	NW,NE	63-12043	7/23/1993	4.46
					63-12138	8/19/1994	3.90
					63-12139	8/19/1994	4.90
Pleasant Valley	2N	2E	17	SE,NE	63-12043	7/23/1993	4.46
					63-12138	8/19/1994	3.90
					63-12139	8/19/1994	4.90
Raptor	2N	2E	17	SE,NE	63-12043	7/23/1993	4.46
					63-12138	8/19/1994	3.90
					63-12139	8/19/1994	4.90
Redwood Creek	4N	1E	7	SWNW (lot 2)	63-11878	6/15/1992	0.99
					63-12192	3/31/1995	5.00
					63-12452	4/15/1998	4.50
River Run	3N	2E	24	NE,SW,SE	63-10405	3/17/1987	1.56
Roosevelt #1	3N	2E	16	SW,NW,NW	63-02595	8/31/1966	1.34
Roosevelt #2	3N	2E	16	SW,NW,NW	63-03293	5/21/1962	3.56
Roosevelt #3	3N	2E	16	SW,NW,NW	63-03293	5/21/1962	3.56
Settlers	4N	1E	35	NW,NE,NW	63-09205	1/9/1979	4.00
Sherman Oaks	3N	1E	23	SE, SE	63-08635	8/17/1983	0.89
Sixteenth St.	3N	2E	9	SW,SE,NW	63-02874	8/18/1951	4.00
Spurwing	4N	1W	23	NE,SW	63-12334	3/8/1995	0.38
					63-12516	4/13/1999	4.00
Sunrise	3N	2E	27	NE,NE,SW	63-03164	8/5/1959	1.73
Sunset West #1	3N	1E	36	SE,NE,SE	63-08432	2/10/1977	1.78
Swift #1	3N	2E	30	SE,SW,SE	63-09147	6/6/1978	4.00
Swift #2	4N	2E	31	SE,SW,SE	63-10688	8/15/1988	2.00
Taggart #1	3N	2E	21	SW,NE,NE	63-03128	4/24/1958	4.44
Taggart #2	3N	2E	21	SW,NE,NE	63-11950	10/14/1992	2.30
Tenmile	2N	2E	17	SE,NE	63-12043	7/23/1993	4.46
					63-12138	8/19/1994	3.90
					63-12139	8/19/1994	4.90
Terteling	3N	2E	36	NE,SW,NE	63-07577	4/6/1972	2.01
Thirteenth	3N	2E	10	NE,NW,NW	63-02500	8/30/1934	0.80
Thirteenth B	3N	2E	4	SW,SW	63-19456A	3/31/1953	1.60
Twenty-eighth & Lem	3N	2E	4	NE,NW	63-02605	7/2/1943	0.90
Veterans	4N	2E	32	SW,SE,SE	63-12310	1/19/1996	3.00
Veterans Collectors	3N	2E	5	SE,NE	63-02892	2/7/1952	15.00
Victory	3N	1E	27	NE,NE	63-08248	1/2/1976	1.57
Vista	3N	2E	28	NE,NE,NE	63-03295	5/24/1962	3.24
Westland Acres	3N	1E	1	SE,SE	63-02989	6/2/1954	1.00
Westmoreland	4N	2E	31	NE,NW,SW	63-03064	10/31/1955	1.22
Willow Lane #1	4N	2E	32	NW,NW,NW	63-03291	5/21/1962	2.40
Willow Lane #2	4N	2E	32	NW,SW,NW	63-03411	6/17/1964	1.50
Willow Lane #3	4N	2E	32	NW,SW,NW	63-08059	11/12/1974	0.57

Appendix A

Appendix A

APPENDIX A: JOHN CHURCH DATA AND ANALYSIS

United Water Idaho

Appendix A
to

Integrated Municipal Application Package ("IMAP")

Detailed Documentation of Water Demand and Production Forecasts for the Years 2000 to 2050

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United Water Idaho

Appendix A

to

Integrated Municipal Application Package ("IMAP")

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United Water Idaho

Appendix A
to

Integrated Municipal Application Package ("IMAP")

Summary of Water Demand Forecasts for the Years 2000 to 2050

with and Summary of the Forecast Methodology

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United Water Idaho Water Demand Forecast: 2000 to 2050, with 1.3% Real Price Increases Annually 2000 - 2021, 2022 - 2050 Constant Real Prices

Year	Residential	Commercial	Public	Subtotal	Other Water Sales	Total System Water Sales	Hydrant Water Use	System Losses	Company Water Use	Total System Water Sales, Losses & Comp. Use		September Peak Month Water		Annual Peak Day Water	
		(Gallons x 1,000)		(Gallons x 1,000)			(Gallons x 1,000)	(Gallons x 1,000)	(Gallons x 1,000)	(Gallons x 1,000)	(Avg. CFS)	(Gallons x 1,000)	(Avg. CFS)	(Gallons x 1,000)	(Avg. CFS)
2000	9,825,968	5,497,438	71,627	15,434,140	39,107	15,681,878	56,456	896,658	217,523	16,852,515	71.2	2,483,651	128.1	94,875	146.8
2001	10,116,104	5,479,266	71,739	15,706,276	39,168	15,706,276	57,452	909,142	220,551	16,893,421	71.6	2,563,320	132.2	97,919	151.5
2002	10,286,735	5,613,570	73,141	16,013,380	39,934	16,013,380	58,575	926,919	224,864	17,223,737	73.0	2,616,821	135.0	99,963	154.7
2003	10,455,123	5,762,206	74,600	16,332,658	40,730	16,332,658	59,743	932,308	229,347	17,554,056	74.4	2,671,407	137.8	102,048	157.9
2004	10,629,235	5,910,767	76,084	16,657,626	41,540	16,657,626	60,932	950,858	233,910	17,903,326	75.7	2,727,098	140.6	104,175	161.2
2005	10,802,180	6,058,657	77,560	16,980,743	42,346	16,980,743	62,114	969,302	238,448	18,250,607	77.4	2,782,637	143.5	106,297	164.5
2006	10,973,371	6,207,895	79,034	17,303,450	43,151	17,303,450	63,294	987,723	242,979	18,597,446	78.8	2,838,262	146.4	108,422	167.8
2007	11,143,030	6,350,898	80,472	17,618,337	43,936	17,618,337	64,446	1,005,698	247,401	18,935,881	80.3	2,892,900	149.2	110,509	171.0
2008	11,310,508	6,497,804	81,918	17,934,956	44,726	17,934,956	65,604	1,023,771	251,847	19,276,178	81.5	2,948,097	152.0	112,617	174.2
2009	11,478,532	6,647,628	83,380	18,255,064	45,524	18,255,064	66,775	1,042,044	256,342	19,620,225	83.2	3,004,002	154.9	114,753	177.5
2010	11,644,997	6,795,718	84,827	18,571,856	46,314	18,571,856	67,934	1,060,127	260,790	19,960,708	84.6	3,059,582	157.8	116,876	180.8
2011	11,808,290	6,952,620	86,300	18,894,328	47,118	18,894,328	69,113	1,078,535	265,319	20,307,294	86.1	3,116,200	160.7	119,039	184.2
2012	11,968,910	7,112,697	87,775	19,217,306	47,923	19,217,306	70,295	1,096,971	269,854	20,654,425	87.3	3,172,941	163.6	121,206	187.5
2013	12,131,308	7,270,058	89,246	19,539,339	48,727	19,539,339	71,473	1,115,353	274,376	21,000,541	89.0	3,229,901	166.6	123,382	190.9
2014	12,290,560	7,436,930	90,746	19,867,782	49,546	19,867,782	72,674	1,134,102	278,988	21,353,546	90.5	3,288,009	169.6	125,602	194.3
2015	12,447,536	7,608,670	92,259	20,198,836	50,371	20,198,836	73,885	1,152,999	283,637	21,709,357	92.0	3,346,597	172.6	127,840	197.8
2016	12,604,645	7,781,693	93,777	20,531,315	51,200	20,531,315	75,101	1,171,978	288,306	22,066,700	93.3	3,405,653	175.6	130,096	201.3
2017	12,760,443	7,955,055	95,291	20,862,816	52,027	20,862,816	76,314	1,190,901	292,961	22,422,991	95.1	3,464,808	178.7	132,356	204.8
2018	12,914,664	8,131,719	96,813	21,196,055	52,858	21,196,055	77,533	1,209,923	297,640	22,781,150	96.6	3,524,471	181.8	134,635	208.3
2019	13,067,074	8,308,644	98,328	21,527,731	53,685	21,527,731	78,746	1,228,856	302,297	23,137,630	98.1	3,584,146	184.8	136,914	211.8
2020	13,218,945	8,490,904	99,865	21,864,238	54,524	21,864,238	79,977	1,248,064	307,023	23,499,302	99.3	3,644,833	188.0	139,233	215.4
2021	13,442,122	8,686,734	101,793	22,286,226	55,577	22,286,226	81,520	1,272,152	312,948	23,952,847	101.5	3,713,539	191.5	141,857	219.5
2022	13,667,023	8,887,658	103,752	22,715,079	56,646	22,715,079	83,089	1,296,632	318,970	24,413,771	103.5	3,783,485	195.1	144,529	223.6
2023	13,893,749	9,087,800	105,715	23,144,982	57,718	23,144,982	84,662	1,321,172	325,007	24,875,823	105.4	3,853,597	198.7	147,207	227.8
2024	14,124,628	9,292,139	107,717	23,583,295	58,811	23,583,295	86,265	1,346,192	331,162	25,346,915	107.2	3,925,141	202.4	149,940	232.0
2025	14,360,733	9,500,478	109,762	24,030,900	59,927	24,030,900	87,902	1,371,743	337,448	25,827,992	109.5	3,998,475	206.2	152,742	236.3
2026	14,621,423	9,739,924	112,062	24,534,593	61,184	24,534,593	89,745	1,400,495	344,520	26,369,352	111.8	4,081,158	210.5	155,900	241.2
2027	14,888,637	9,989,552	114,440	25,055,111	62,482	25,055,111	91,649	1,430,207	351,830	26,928,797	114.2	4,165,885	214.9	159,137	246.2
2028	15,161,218	10,246,933	116,877	25,588,841	63,813	25,588,841	93,601	1,460,674	359,324	27,502,440	116.3	4,252,706	219.3	162,453	251.4
2029	15,439,363	10,512,145	119,377	26,136,062	65,177	26,136,062	95,603	1,491,910	367,009	28,090,583	119.1	4,341,659	223.9	165,851	256.6
2030	15,722,940	10,785,425	121,938	26,696,879	66,576	26,696,879	97,654	1,523,923	374,884	28,693,340	121.6	2,847,423	146.9	108,772	168.3
2031	16,012,332	11,067,066	124,565	27,271,973	68,010	27,271,973	99,758	1,556,751	382,959	29,311,441	124.3	4,526,117	233.4	172,898	267.5
2032	16,307,389	11,357,498	127,258	27,861,626	69,480	27,861,626	101,915	1,590,410	391,239	29,945,190	126.6	4,621,766	238.4	176,551	273.2
2033	16,608,312	11,656,835	130,020	28,466,155	70,988	28,466,155	104,126	1,624,918	399,728	30,594,927	129.7	4,719,758	243.4	180,295	279.0
2034	16,917,962	11,965,483	132,864	29,088,850	72,541	29,088,850	106,404	1,660,463	408,472	31,264,189	132.5	4,820,812	248.6	184,155	284.9
2035	17,251,188	12,283,589	135,860	29,744,813	74,177	29,744,813	108,803	1,697,907	417,684	31,969,207	135.5	4,927,640	254.1	188,236	291.2
2036	17,592,628	12,611,762	138,940	30,419,189	75,858	30,419,189	111,270	1,736,402	427,153	32,694,014	138.2	5,037,218	259.8	192,422	297.7
2037	17,941,488	12,950,107	142,101	31,111,281	77,584	31,111,281	113,801	1,775,908	436,872	33,437,862	141.7	5,149,603	265.6	196,715	304.4
2038	18,297,617	13,298,892	145,344	31,821,207	79,355	31,821,207	116,398	1,816,433	446,841	34,200,879	145.0	5,264,807	271.5	201,116	311.2
2039	18,661,286	13,658,614	148,672	32,549,743	81,171	32,549,743	119,063	1,858,019	457,071	34,983,896	148.3	5,382,958	277.6	205,629	318.2
2040	19,029,783	14,029,728	152,074	33,294,614	83,029	33,294,614	121,788	1,900,538	467,531	35,784,470	151.3	5,503,469	283.8	210,233	325.3
2041	19,386,655	14,412,378	155,476	34,039,395	84,886	34,039,395	124,512	1,943,052	477,989	36,584,948	155.1	5,623,371	290.0	214,813	332.4
2042	19,749,180	14,807,176	158,959	34,802,104	86,788	34,802,104	127,302	1,986,589	488,699	37,404,694	158.6	5,746,259	296.4	219,507	339.6
2043	20,118,943	15,214,290	162,533	35,584,506	88,739	35,584,506	130,164	2,031,251	499,686	38,245,606	162.1	5,872,227	302.9	224,319	347.1
2044	20,498,705	15,634,365	166,212	36,390,030	90,748	36,390,030	133,110	2,077,232	510,997	39,111,370	165.3	6,001,998	309.5	229,276	354.7
2045	20,901,697	16,067,740	170,059	37,232,345	92,849	37,232,345	136,191	2,125,314	522,825	40,016,675	169.6	6,138,014	316.6	234,472	362.8
2046	21,314,298	16,514,878	174,014	38,098,198	95,008	38,098,198	139,359	2,174,739	534,984	40,947,279	173.6	6,277,575	323.8	239,803	371.0
2047	21,735,489	16,976,130	178,073	38,986,916	97,224	38,986,916	142,609	2,225,469	547,463	41,902,457	177.6	6,420,720	331.1	245,271	379.5
2048	22,165,486	17,452,128	182,241	39,899,355	99,500	39,899,355	145,947	2,277,553	560,276	42,883,131	181.3	6,567,579	338.7	250,882	388.2
2049	22,604,411	17,943,109	186,519	40,835,873	101,835	40,835,873	149,373	2,331,012	573,427	43,889,685	186.0	6,718,210	346.5	256,636	397.1
2050	23,051,657	18,448,043	190,899	41,794,825	104,226	41,794,825	152,880	2,385,751	586,893	44,920,349	**190.4**	6,872,221	**354.4**	262,519	**406.2**

United Water Idaho Monthly Water Demand Forecast: Annual Summary, 2000 to 2050, with Tiered Price Increases Until 2021, Thereafter Constant Real Prices

Year	Residential	Commercial	Public	Subtotal	Other Water Sales	Total System Water Sales	Hydrant Water Use	System Losses	Company Water Use	Total System Water Sales, Losses & Comp. Use		September Peak Month Water		Annual Peak Day Water	
		(Gallons x 1,000)		(Gallons x 1,000)			(Gallons x 1,000)	(Gallons x 1,000)	(Gallons x 1,000)	(Gallons x 1,000)	(Avg. CFS)	(Gallons x 1,000)	(Avg. CFS)	(Gallons x 1,000)	(Avg. CFS)
2000	9,912,177	5,509,762	72,754	15,534,415	39,722	15,928,624	56,823	902,484	218,936	17,106,866	72.3	2,495,988	128.7	95,347	147.5
2001	10,325,353	5,525,672	72,915	15,963,750	39,810	15,963,750	58,393	924,046	224,167	17,170,356	72.8	2,589,934	133.6	98,935	153.1
2002	10,611,927	5,686,056	74,971	16,413,885	40,932	16,413,885	60,040	950,102	230,488	17,654,515	74.8	2,657,369	137.1	101,512	157.1
2003	10,902,640	5,862,699	77,121	16,884,566	42,106	16,884,566	61,762	963,812	237,097	18,147,237	76.9	2,726,817	140.6	104,164	161.2
2004	11,206,740	6,041,307	79,341	17,370,706	43,318	17,370,706	63,540	991,563	243,924	18,669,732	78.9	2,798,255	144.3	106,893	165.4
2005	11,512,923	6,220,296	81,573	17,859,330	44,537	17,859,330	65,327	1,019,454	250,785	19,194,896	81.4	2,869,830	148.0	109,628	169.6
2006	11,498,460	6,327,936	82,001	17,953,169	44,771	17,953,169	65,671	1,024,811	252,103	19,295,753	81.8	2,851,252	147.1	108,918	168.5
2007	11,356,647	6,400,025	81,681	17,882,948	44,596	17,882,948	65,414	1,020,803	251,117	19,220,281	81.5	2,920,671	150.6	111,570	172.6
2008	11,668,724	6,580,617	83,947	18,379,121	45,833	18,379,121	67,229	1,049,125	258,084	19,753,559	83.5	2,993,336	154.4	114,345	176.9
2009	11,847,836	6,733,422	85,474	18,713,399	46,667	18,713,399	68,451	1,068,207	262,778	20,112,835	85.3	3,028,570	156.2	115,691	179.0
2010	11,973,625	6,872,480	86,692	18,980,129	47,332	18,980,129	69,427	1,083,432	266,523	20,399,511	86.5	3,101,406	160.0	118,474	183.3
2011	12,291,500	7,066,171	89,045	19,495,333	48,617	19,495,333	71,312	1,112,841	273,758	20,953,244	88.8	3,176,771	163.8	121,353	187.8
2012	12,410,900	7,217,157	90,289	19,767,642	49,296	19,767,642	72,308	1,128,385	277,582	21,245,917	89.8	3,196,088	164.8	122,091	188.9
2013	12,456,753	7,347,463	91,099	19,945,054	49,738	19,945,054	72,957	1,138,513	280,073	21,436,596	90.9	3,271,705	168.7	124,979	193.4
2014	12,785,688	7,555,472	93,569	20,485,816	51,087	20,485,816	74,935	1,169,381	287,667	22,017,798	93.3	3,350,463	172.8	127,988	198.0
2015	12,938,359	7,726,939	95,060	20,812,259	51,901	20,812,259	76,129	1,188,015	292,251	22,368,654	94.8	3,379,509	174.3	129,097	199.7
2016	13,024,755	7,883,700	96,179	21,057,145	52,512	21,057,145	77,025	1,201,993	295,689	22,631,853	95.7	3,459,342	178.4	132,147	204.5
2017	13,365,836	8,103,023	98,757	21,621,535	53,919	21,621,535	79,089	1,234,210	303,615	23,238,449	98.5	3,541,143	182.6	135,272	209.3
2018	13,502,577	8,276,299	100,183	21,933,757	54,698	21,933,757	80,231	1,252,033	307,999	23,574,020	99.9	3,564,783	183.9	136,175	210.7
2019	13,559,906	8,430,720	101,157	22,147,012	55,229	22,147,012	81,011	1,264,206	310,994	23,803,223	100.9	3,647,154	188.1	139,321	215.6
2020	13,914,054	8,664,260	103,860	22,738,879	56,705	22,738,879	83,176	1,297,991	319,305	24,439,351	103.3	3,732,671	192.5	142,588	220.6
2021	14,220,001	8,881,893	106,269	23,266,183	58,020	23,266,183	85,105	1,328,091	326,709	25,006,088	106.0	3,803,411	196.2	145,290	224.8
2022	14,457,930	9,087,333	108,308	23,712,706	59,134	23,712,706	86,738	1,353,579	332,979	25,486,003	108.0	3,874,975	199.8	148,024	229.0
2023	14,697,785	9,291,978	110,353	24,160,367	60,250	24,160,367	88,376	1,379,133	339,266	25,967,141	110.1	3,946,712	203.5	150,764	233.3
2024	14,942,026	9,500,911	112,438	24,616,763	61,388	24,616,763	90,045	1,405,185	345,674	26,457,668	111.8	4,019,914	207.3	153,561	237.6
2025	15,191,753	9,713,914	114,566	25,082,784	62,551	25,082,784	91,750	1,431,787	352,218	26,958,539	114.3	4,094,948	211.2	156,427	242.0
2026	15,467,409	9,958,702	116,960	25,606,929	63,858	25,606,929	93,667	1,461,706	359,578	27,521,881	116.7	4,179,533	215.6	159,658	247.0
2027	15,750,082	10,213,936	119,434	26,148,661	65,209	26,148,661	95,649	1,492,630	367,186	28,104,125	119.1	4,266,208	220.0	162,969	252.1
2028	16,038,431	10,477,095	121,971	26,704,091	66,594	26,704,091	97,680	1,524,335	374,985	28,701,091	121.3	4,355,020	224.6	166,362	257.4
2029	16,332,665	10,748,262	124,572	27,273,513	68,014	27,273,513	99,763	1,556,839	382,981	29,313,096	124.3	4,446,012	229.3	169,838	262.8
2030	16,632,647	11,027,678	127,237	27,857,031	69,469	27,857,031	101,898	1,590,148	391,175	29,940,251	126.9	2,928,454	151.0	111,867	173.1
2031	16,938,779	11,315,642	129,970	28,455,353	70,961	28,455,353	104,086	1,624,301	399,577	30,583,317	129.6	4,634,685	239.0	177,045	273.9
2032	17,250,906	11,612,596	132,772	29,068,764	72,491	29,068,764	106,330	1,659,316	408,190	31,242,601	132.1	4,732,515	244.1	180,782	279.7
2033	17,569,237	11,918,654	135,644	29,697,594	74,059	29,697,594	108,630	1,695,211	417,021	31,918,456	135.3	4,832,738	249.2	184,611	285.6
2034	17,896,755	12,234,232	138,603	30,345,264	75,674	30,345,264	110,999	1,732,182	426,115	32,614,560	138.3	4,936,092	254.6	188,559	291.7
2035	18,249,158	12,559,480	141,720	31,027,734	77,376	31,027,734	113,496	1,771,139	435,699	33,348,067	141.4	5,045,368	260.2	192,733	298.2
2036	18,610,348	12,895,021	144,925	31,729,419	79,126	31,729,419	116,062	1,811,193	445,552	34,102,227	144.2	5,157,453	266.0	197,015	304.8
2037	18,979,385	13,240,963	148,214	32,449,482	80,921	32,449,482	118,696	1,852,296	455,663	34,876,138	147.8	5,272,406	271.9	201,406	311.6
2038	19,356,113	13,597,579	151,587	33,188,042	82,763	33,188,042	121,398	1,894,455	466,034	35,669,929	151.2	5,390,238	278.0	205,907	318.6
2039	19,740,816	13,965,378	155,048	33,945,895	84,653	33,945,895	124,170	1,937,715	476,676	36,484,456	154.7	5,511,081	284.2	210,523	325.7
2040	20,130,675	14,344,823	158,587	34,720,671	86,585	34,720,671	127,004	1,981,941	487,556	37,317,172	157.8	5,634,330	290.6	215,231	333.0
2041	20,508,300	14,736,065	162,124	35,495,005	88,516	35,495,005	129,836	2,026,142	498,429	38,149,412	161.7	5,756,929	296.9	219,915	340.3
2042	20,891,797	15,139,726	165,745	36,287,762	90,493	36,287,762	132,736	2,071,394	509,561	39,001,454	165.3	5,882,575	303.4	224,714	347.7
2043	21,282,950	15,555,981	169,459	37,100,911	92,521	37,100,911	135,711	2,117,811	520,980	39,875,413	169.0	6,011,366	310.0	229,634	355.3
2044	21,684,640	15,985,487	173,283	37,938,018	94,609	37,938,018	138,773	2,165,595	532,735	40,775,121	172.4	6,144,044	316.9	234,702	363.1
2045	22,110,855	16,428,592	177,281	38,813,520	96,792	38,813,520	141,975	2,215,571	545,029	41,716,094	176.8	6,283,119	324.0	240,015	371.4
2046	22,547,321	16,885,769	181,392	39,713,518	99,036	39,713,518	145,267	2,266,945	557,667	42,683,397	180.9	6,425,815	331.4	245,466	379.8
2047	22,992,874	17,357,376	185,611	40,637,201	101,340	40,637,201	148,646	2,319,671	570,637	43,676,155	185.1	6,572,170	339.0	251,057	388.4
2048	23,447,743	17,844,062	189,942	41,585,452	103,704	41,585,452	152,115	2,373,800	583,953	44,695,319	188.9	6,722,318	346.7	256,793	397.3
2049	23,912,057	18,346,065	194,387	42,558,640	106,131	42,558,640	155,674	2,429,352	597,618	45,741,285	193.9	6,876,316	354.6	262,675	406.4
2050	24,385,189	18,862,346	198,939	43,555,090	108,616	43,555,090	159,319	2,486,231	611,611	46,812,252	**198.4**	7,033,765	**362.8**	268,690	**415.7**

United Water Idaho: Monthly Water Demand Forecast: Annual Summary, 2000 to 2050, with Constant Real Prices

Year	Residential	Commercial	Public	Subtotal	Other Water Sales	Total System Water Sales	Hydrant Water Use	System Losses	Company Water Use	Total System Water Sales, Losses & Comp. Use		September Peak Month Water		Annual Peak Day Water	
		(Gallons x 1,000)		(Gallons x 1,000)		(Gallons x 1,000)	(Gallons x 1,000)	(Gallons x 1,000)	(Gallons x 1,000)	(Gallons x 1,000)	(Avg. CFS)	(Gallons x 1,000)	(Avg. CFS)	(Gallons x 1,000)	(Avg. CFS)
2000	9,863,251	5,501,744	72,049	15,437,043	39,337	15,774,105	56,467	893,558	216,771	16,940,901	71.6	2,488,084	128.3	95,045	147.1
2001	10,194,156	5,496,574	72,177	15,762,907	39,407	15,802,314	57,659	912,420	221,346	16,993,740	72.0	2,572,628	132.7	98,274	152.1
2002	10,407,017	5,640,378	73,818	16,121,213	40,303	16,161,516	58,969	933,161	226,378	17,380,024	73.7	2,631,204	135.7	100,512	155.5
2003	10,619,854	5,799,194	75,528	16,494,576	41,236	16,535,812	60,335	941,551	231,621	17,769,319	75.3	2,691,147	138.8	102,802	159.1
2004	10,840,803	5,958,587	77,277	16,876,667	42,192	16,918,858	61,733	963,362	236,986	18,180,939	76.9	2,752,492	142.0	105,145	162.7
2005	11,062,868	6,117,950	79,032	17,259,851	43,150	17,303,000	63,134	985,235	242,367	18,593,736	78.8	2,816,884	145.3	107,605	166.5
2006	11,285,698	6,279,367	80,799	17,645,864	44,115	17,689,978	64,546	1,007,269	247,787	19,009,581	80.6	2,878,857	148.5	109,972	170.2
2007	11,509,476	6,435,166	82,545	18,027,188	45,068	18,072,256	65,941	1,029,036	253,142	19,420,375	82.3	2,940,113	151.6	112,312	173.8
2008	11,733,586	6,595,611	84,314	18,413,511	46,034	18,459,545	67,354	1,051,088	258,567	19,836,554	83.9	3,002,250	154.8	114,686	177.4
2009	11,960,913	6,759,747	86,115	18,806,775	47,017	18,853,792	68,793	1,073,537	264,089	20,260,211	85.9	3,065,434	158.1	117,100	181.2
2010	12,189,361	6,922,867	87,916	19,200,144	48,000	19,248,144	70,232	1,095,991	269,613	20,683,980	87.7	3,128,622	161.4	119,513	184.9
2011	12,417,297	7,095,731	89,760	19,602,788	49,007	19,651,795	71,705	1,118,975	275,267	21,117,741	89.5	3,193,204	164.7	121,980	188.7
2012	12,645,278	7,272,663	91,623	20,009,564	50,024	20,059,587	73,193	1,142,195	280,979	21,555,954	91.1	3,258,261	168.0	124,466	192.6
2013	12,878,071	7,447,657	93,498	20,419,226	51,048	20,470,274	74,691	1,165,580	286,732	21,997,276	93.2	3,323,913	171.4	126,973	196.5
2014	13,110,591	7,633,251	95,422	20,839,264	52,098	20,891,362	76,228	1,189,556	292,630	22,449,776	95.2	3,391,101	174.9	129,540	200.4
2015	13,343,783	7,824,773	97,375	21,265,931	53,165	21,319,096	77,788	1,213,912	298,621	22,909,417	97.1	3,459,162	178.4	132,140	204.4
2016	13,580,306	8,018,575	99,355	21,698,235	54,246	21,752,481	79,370	1,238,588	304,692	23,375,131	98.8	3,528,103	182.0	134,774	208.5
2017	13,818,728	8,213,708	101,349	22,133,785	55,334	22,189,119	80,963	1,263,451	310,808	23,844,341	101.1	3,597,553	185.5	137,427	212.6
2018	14,058,839	8,413,264	103,372	22,575,475	56,439	22,631,914	82,578	1,288,663	317,010	24,320,166	103.1	3,667,942	189.2	140,115	216.8
2019	14,300,468	8,614,136	105,407	23,020,012	57,550	23,077,562	84,204	1,314,039	323,252	24,799,057	105.1	3,738,773	192.8	142,821	221.0
2020	14,545,096	8,821,625	107,487	23,474,208	58,686	23,532,894	85,866	1,339,965	329,630	25,288,355	106.9	3,811,090	196.6	145,584	225.3
2021	14,790,693	9,025,099	109,553	23,925,345	59,813	23,985,158	87,516	1,365,717	335,965	25,774,357	109.3	3,882,880	200.3	148,326	229.5
2022	15,038,178	9,233,852	111,651	24,383,681	60,959	24,444,641	89,193	1,391,880	342,401	26,268,115	111.3	3,955,875	204.0	151,114	233.8
2023	15,287,665	9,441,800	113,756	24,843,220	62,108	24,905,328	90,874	1,418,112	348,854	26,763,168	113.4	4,029,050	207.8	153,910	238.1
2024	15,541,707	9,654,103	115,901	25,311,710	63,279	25,374,990	92,587	1,444,854	355,433	27,267,864	115.3	4,103,717	211.6	156,762	242.5
2025	15,801,443	9,870,535	118,091	25,790,070	64,475	25,854,545	94,337	1,472,160	362,150	27,783,193	117.8	4,180,254	215.6	159,686	247.1
2026	16,088,096	10,119,251	120,554	26,327,901	65,820	26,393,721	96,304	1,502,861	369,703	28,362,589	120.2	4,266,522	220.0	162,981	252.2
2027	16,382,111	10,378,599	123,099	26,883,809	67,210	26,951,019	98,338	1,534,594	377,509	28,961,459	122.8	4,354,918	224.6	166,358	257.4
2028	16,682,029	10,645,999	125,709	27,453,737	68,634	27,522,372	100,422	1,567,127	385,512	29,575,433	125.0	4,445,492	229.3	169,818	262.7
2029	16,988,069	10,921,537	128,384	28,037,990	70,095	28,108,085	102,560	1,600,477	393,716	30,204,838	128.0	4,538,285	234.1	173,362	268.2
2030	17,300,087	11,205,457	131,126	28,636,669	71,592	28,708,261	104,750	1,634,651	402,123	30,849,784	130.8	3,000,469	154.7	114,618	177.3
2031	17,618,502	11,498,063	133,936	29,250,501	73,126	29,323,627	106,995	1,669,690	410,742	31,511,054	133.6	4,730,687	244.0	180,712	279.6
2032	17,943,152	11,799,802	136,818	29,879,772	74,699	29,954,472	109,297	1,705,611	419,579	32,188,958	136.1	4,830,445	249.1	184,523	285.5
2033	18,274,256	12,110,793	139,771	30,524,820	76,312	30,601,132	111,656	1,742,432	428,637	32,883,857	139.4	4,932,640	254.4	188,427	291.5
2034	18,614,899	12,431,458	142,813	31,189,170	77,973	31,267,143	114,086	1,780,354	437,966	33,599,549	142.4	5,038,028	259.8	192,453	297.8
2035	18,981,387	12,761,948	146,019	31,889,353	79,723	31,969,077	116,647	1,820,323	447,798	34,353,845	145.6	5,149,469	265.6	196,710	304.4
2036	19,357,067	13,102,897	149,316	32,609,280	81,523	32,690,803	119,281	1,861,418	457,907	35,129,408	148.5	5,263,771	271.5	201,076	311.1
2037	19,740,909	13,454,414	152,698	33,348,022	83,370	33,431,392	121,983	1,903,587	468,281	35,925,242	152.3	5,380,995	277.5	205,554	318.0
2038	20,132,752	13,816,778	156,168	34,105,698	85,264	34,190,962	124,755	1,946,837	478,920	36,741,474	155.7	5,501,152	283.7	210,144	325.1
2039	20,532,889	14,190,505	159,728	34,883,121	87,208	34,970,329	127,598	1,991,214	489,837	37,578,978	159.3	5,624,375	290.1	214,851	332.4
2040	20,938,407	14,576,066	163,367	35,677,839	89,195	35,767,034	130,505	2,036,579	500,997	38,435,114	162.5	5,750,045	296.6	219,652	339.9
2041	21,331,244	14,973,613	167,002	36,471,859	91,180	36,563,039	133,410	2,081,903	512,146	39,290,498	166.6	5,875,028	303.0	224,426	347.2
2042	21,730,128	15,383,781	170,724	37,284,633	93,212	37,377,845	136,383	2,128,298	523,560	40,166,085	170.3	6,003,114	309.6	229,319	354.8
2043	22,136,976	15,806,744	174,541	38,118,261	95,296	38,213,557	139,432	2,175,884	535,266	41,064,138	174.1	6,134,400	316.4	234,334	362.6
2044	22,554,768	16,243,173	178,471	38,976,411	97,441	39,073,852	142,571	2,224,869	547,316	41,988,608	177.5	6,269,648	323.4	239,501	370.6
2045	22,998,033	16,693,419	182,581	39,874,033	99,685	39,973,718	145,854	2,276,108	559,920	42,955,600	182.1	6,411,429	330.7	244,917	378.9
2046	23,452,010	17,157,965	186,806	40,796,781	101,992	40,898,773	149,230	2,328,780	572,878	43,949,661	186.3	6,556,898	338.2	250,473	387.5
2047	23,915,439	17,637,172	191,142	41,743,754	104,359	41,848,113	152,694	2,382,836	586,176	44,969,818	190.6	6,706,091	345.9	256,173	396.4
2048	24,388,559	18,131,702	195,593	42,715,854	106,790	42,822,643	156,249	2,438,326	599,826	46,017,044	194.5	6,859,147	353.8	262,019	405.4
2049	24,871,500	18,641,796	200,161	43,713,457	109,284	43,822,741	159,899	2,495,271	613,835	47,091,745	199.6	7,016,121	361.8	268,016	414.7
2050	25,363,621	19,166,402	204,838	44,734,860	111,837	44,846,698	163,635	2,553,576	628,177	48,192,085	**204.3**	7,176,611	**370.1**	274,147	**424.2**

United Water Idaho

Historical Annual Average Number of Residential, Commercial, & Public Authority Customers: 1984 - 1999
and Forecasted Annual Average Number of Residential & Commercial Customers: 2000 - 2050

Year	Residential Customers	Annual Pct. Chg.
1984	35,446	
1985	35,915	1.3%
1986	36,605	1.9%
1987	37,288	1.9%
1988	38,078	2.1%
1989	38,143	0.2%
1990	40,064	5.0%
1991	41,356	3.2%
1992	42,932	3.8%
1993	44,372	3.4%
1994	46,041	3.8%
1995	47,078	2.3%
1996	48,455	2.9%
1997	50,028	3.2%
1998	51,177	2.3%
1999	57,638	12.6%
2000	59,601	3.4%
2001	60,801	2.0%
2002	62,059	2.1%
2003	63,332	2.1%
2004	64,647	2.1%
2005	65,975	2.1%
2006	67,306	2.0%
2007	68,643	2.0%
2008	69,981	2.0%
2009	71,338	1.9%
2010	72,703	1.9%
2011	74,065	1.9%
2012	75,427	1.8%
2013	76,816	1.8%
2014	78,206	1.8%
2015	79,599	1.8%
2016	81,010	1.8%
2017	82,434	1.8%
2018	83,868	1.7%
2019	85,311	1.7%
2020	86,771	1.7%
2021	88,238	1.7%
2022	89,716	1.7%
2023	91,205	1.7%
2024	92,721	1.7%
2025	94,268	1.7%
2026	95,964	1.8%
2027	97,718	1.8%
2028	99,507	1.8%
2029	101,332	1.8%
2030	103,193	1.8%
2031	105,091	1.8%
2032	107,028	1.8%
2033	109,002	1.8%
2034	111,031	1.9%
2035	113,205	2.0%
2036	115,445	2.0%
2037	117,734	2.0%
2038	120,071	2.0%
2039	122,457	2.0%
2040	124,879	2.0%
2041	127,234	1.9%
2042	129,613	1.9%
2043	132,039	1.9%
2044	134,528	1.9%
2045	137,161	2.0%
2046	139,868	2.0%
2047	142,632	2.0%
2048	145,453	2.0%
2049	148,333	2.0%
2050	151,269	2.0%

Year	Commercial Customers	Annual Pct. Chg.
1984	3,735	
1985	3,844	2.9%
1986	3,953	2.8%
1987	4,062	2.8%
1988	4,171	2.7%
1989	5,199	24.6%
1990	5,519	6.2%
1991	5,745	4.1%
1992	5,869	2.2%
1993	6,148	4.8%
1994	6,403	4.1%
1995	6,588	2.9%
1996	6,697	1.7%
1997	6,799	1.5%
1998	7,024	3.3%
1999	7,343	4.5%
2000	7,572	3.1%
2001	7,745	2.3%
2002	7,945	2.6%
2003	8,168	2.8%
2004	8,394	2.8%
2005	8,618	2.7%
2006	8,846	2.6%
2007	9,067	2.5%
2008	9,292	2.5%
2009	9,524	2.5%
2010	9,754	2.4%
2011	9,997	2.5%
2012	10,246	2.5%
2013	10,493	2.4%
2014	10,754	2.5%
2015	11,024	2.5%
2016	11,297	2.5%
2017	11,573	2.4%
2018	11,854	2.4%
2019	12,137	2.4%
2020	12,430	2.4%
2021	12,717	2.3%
2022	13,011	2.3%
2023	13,305	2.3%
2024	13,604	2.2%
2025	13,908	2.2%
2026	14,256	2.5%
2027	14,621	2.6%
2028	14,998	2.6%
2029	15,386	2.6%
2030	15,786	2.6%
2031	16,198	2.6%
2032	16,623	2.6%
2033	17,061	2.6%
2034	17,512	2.6%
2035	17,978	2.7%
2036	18,458	2.7%
2037	18,953	2.7%
2038	19,463	2.7%
2039	19,990	2.7%
2040	20,533	2.7%
2041	21,092	2.7%
2042	21,670	2.7%
2043	22,266	2.7%
2044	22,880	2.8%
2045	23,514	2.8%
2046	24,168	2.8%
2047	24,843	2.8%
2048	25,540	2.8%
2049	26,258	2.8%
2050	26,997	2.8%

Year	Public Authority Customers	Annual Pct. Chg.
1984	65	
1985	65	0.0%
1986	65	0.0%
1987	81	24.6%
1988	80	-1.2%
1989	63	-21.3%
1990	69	9.5%
1991	97	40.6%
1992	42	-56.7%
1993	102	142.9%
1994	102	0.0%
1995	46	-54.9%
1996	36	-21.7%
1997	32	-11.1%
1998	123	284.4%
1999	50	-59.3%

The number of Public Authority customers were not forecasted. Water demand was modeled as a function of total Residential and Commercial water demand.

Methodology for Modeling United Water Idaho's Future Water Production

Residential Water Sales:

Residential Water Sales = Residential Water Use Per Customer x Number of Residential Customers

Conversion of bi-monthly water sales in 100 CF units to monthly 1,000 of gallons:

Residential Water Sales (1,000 of gallons, monthly) = **(Residential Water Use** (100 CF, bimonthly) **/ 2) * 0.7480519**

Commercial Water Sales:

Commercial Water Sales = Commercial Water Use Per Customer x Number of Commercial Customers

Conversion of bi-monthly water sales in 100 CF units to monthly 1,000 of gallons:

Commercial Water Sales (1,000 of gallons, monthly) = **(Commercial Water Use** (100 CF, bimonthly) **/ 2) * 0.7480519**

Water Sales to Public Authorities:

Water Sales to Public Authorities = (Residential + Commercial Water Sales) x 0.0046

Water Sales to Public Authorities as well as the following categories are modeled as monthly water use in units of 1,000 of gallons:

Other Water Sales:

Other Water Sales = (Residential + Commercial + Public Authority Water Sales) x 0.0025

Total Water Sales:

Total Water Sales = Residential + Commercial + Public Authority + Other Water Sales

Total Water Production:

Total Water Production = Total Water Sales + Hydrant Use + System Losses + Company Use

Hydrant Water Use = 0.0034 * Total Water Production

System Water Losses = 0.054 * Total Water Production

Company Water Use = 0.0131 * Total Water Production

Since Hydrant Water Use, System Water Losses, and Company Water Use are a percent of Total Water Production, therefore:

Total Water Production = Total Water Sales / (1 - 0.054 - 0.0131 - 0.0034)

Conversion of Total Water Production (1,000 of Gallons) to Total water Production (Average CFS)

Total Water Production = (Total Water Production x 1,000 x 0.13368) / (Number of Seconds in Time Period)

(Average CFS) (1,000 of Gallons)

Number of Seconds in Time Period:

Annual Conversion = 365 days/year x 24 hours/day x minutes/hour x 60 seconds/minute = 31,536,000 seconds

Peak Month Conversion = 30 days/month x 24 hours/day x minutes/hour x 60 seconds/minute = 2,592,000 seconds

Peak Day Conversion = 24 hours/day x minutes/hour x 60 seconds/minute = 86,400 seconds

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United Water Idaho

Appendix A
to

Integrated Municipal Application Package ("IMAP")

Monthly Water Demand Forecast for the Years 2000 to 2050

with
Tiered Water Price Increases Until 2021, and Constant Real Prices Thereafter

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United Water Idaho Monthly Water Demand Forecast: Annual Summary, 2000 to 2050, with Tiered Price Increases Until 2021, Thereafter Constant Real Prices

Year	Residential	Commercial	Public	Subtotal	Other Water Sales	Total System Water Sales	Hydrant Water Use	System Losses	Company Water Use	Total System Water Sales, Losses & Comp. Use		September Peak Month Water		Annual Peak Day Water	
		(Gallons x 1,000)		(Gallons x 1,000)			(Gallons x 1,000)	(Gallons x 1,000)	(Gallons x 1,000)	(Gallons x 1,000)	(Avg. CFS)	(Gallons x 1,000)	(Avg. CFS)	(Gallons x 1,000)	(Avg. CFS)
2000	9,912,177	5,509,762	72,754	15,534,415	39,722	15,928,624	56,823	902,484	218,936	17,106,866	72.3	2,495,988	128.7	95,347	147.5
2001	10,325,353	5,525,672	72,915	15,963,750	39,810	15,963,750	58,393	924,046	224,167	17,170,356	72.8	2,589,934	133.6	98,935	153.1
2002	10,611,927	5,686,056	74,971	16,413,885	40,932	16,413,885	60,040	950,102	230,488	17,654,515	74.8	2,657,369	137.1	101,512	157.1
2003	10,902,640	5,862,699	77,121	16,884,566	42,106	16,884,566	61,762	963,812	237,097	18,147,237	76.9	2,726,817	140.6	104,164	161.2
2004	11,206,740	6,041,307	79,341	17,370,706	43,318	17,370,706	63,540	991,563	243,924	18,669,732	78.9	2,798,255	144.3	106,893	165.4
2005	11,512,923	6,220,296	81,573	17,859,330	44,537	17,859,330	65,327	1,019,454	250,785	19,194,896	81.4	2,869,830	148.0	109,628	169.6
2006	11,498,460	6,327,936	82,001	17,953,169	44,771	17,953,169	65,671	1,024,811	252,103	19,295,753	81.8	2,851,252	147.1	108,918	168.5
2007	11,356,647	6,400,025	81,681	17,882,948	44,596	17,882,948	65,414	1,020,803	251,117	19,220,281	81.5	2,920,671	150.6	111,570	172.6
2008	11,668,724	6,580,617	83,947	18,379,121	45,833	18,379,121	67,229	1,049,125	258,084	19,753,559	83.5	2,993,336	154.4	114,345	176.9
2009	11,847,836	6,733,422	85,474	18,713,399	46,667	18,713,399	68,451	1,068,207	262,778	20,112,835	85.3	3,028,570	156.2	115,691	179.0
2010	11,973,625	6,872,480	86,692	18,980,129	47,332	18,980,129	69,427	1,083,432	266,523	20,399,511	86.5	3,101,406	160.0	118,474	183.3
2011	12,291,500	7,066,171	89,045	19,495,333	48,617	19,495,333	71,312	1,112,841	273,758	20,953,244	88.8	3,176,771	163.8	121,353	187.8
2012	12,410,900	7,217,157	90,289	19,767,642	49,296	19,767,642	72,308	1,128,385	277,582	21,245,917	89.8	3,196,088	164.8	122,091	188.9
2013	12,456,753	7,347,463	91,099	19,945,054	49,738	19,945,054	72,957	1,138,513	280,073	21,436,596	90.9	3,271,705	168.7	124,979	193.4
2014	12,785,688	7,555,472	93,569	20,485,816	51,087	20,485,816	74,935	1,169,381	287,667	22,017,798	93.3	3,350,463	172.8	127,988	198.0
2015	12,938,359	7,726,939	95,060	20,812,259	51,901	20,812,259	76,129	1,188,015	292,251	22,368,654	94.8	3,379,509	174.3	129,097	199.7
2016	13,024,755	7,883,700	96,179	21,057,145	52,512	21,057,145	77,025	1,201,993	295,689	22,631,853	95.7	3,459,342	178.4	132,147	204.5
2017	13,365,836	8,103,023	98,757	21,621,535	53,919	21,621,535	79,089	1,234,210	303,615	23,238,449	98.5	3,541,143	182.6	135,272	209.3
2018	13,502,577	8,276,299	100,183	21,933,757	54,698	21,933,757	80,231	1,252,033	307,999	23,574,020	99.9	3,564,783	183.9	136,175	210.7
2019	13,559,906	8,430,720	101,157	22,147,012	55,229	22,147,012	81,011	1,264,206	310,994	23,803,223	100.9	3,647,154	188.1	139,321	215.6
2020	13,914,054	8,664,260	103,860	22,738,879	56,705	22,738,879	83,176	1,297,991	319,305	24,439,351	103.3	3,732,671	192.5	142,588	220.6
2021	14,220,001	8,881,893	106,269	23,266,183	58,020	23,266,183	85,105	1,328,091	326,709	25,006,088	106.0	3,803,411	196.2	145,290	224.8
2022	14,457,930	9,087,333	108,308	23,712,706	59,134	23,712,706	86,738	1,353,579	332,979	25,486,003	108.0	3,874,975	199.8	148,024	229.0
2023	14,697,785	9,291,978	110,353	24,160,367	60,250	24,160,367	88,376	1,379,133	339,266	25,967,141	110.1	3,946,712	203.5	150,764	233.3
2024	14,942,026	9,500,911	112,438	24,616,763	61,388	24,616,763	90,045	1,405,185	345,674	26,457,668	111.8	4,019,914	207.3	153,561	237.6
2025	15,191,753	9,713,914	114,566	25,082,784	62,551	25,082,784	91,750	1,431,787	352,218	26,958,539	114.3	4,094,948	211.2	156,427	242.0
2026	15,467,409	9,958,702	116,960	25,606,929	63,858	25,606,929	93,667	1,461,706	359,578	27,521,881	116.7	4,179,533	215.6	159,658	247.0
2027	15,750,082	10,213,936	119,434	26,148,661	65,209	26,148,661	95,649	1,492,630	367,186	28,104,125	119.1	4,266,208	220.0	162,969	252.1
2028	16,038,431	10,477,095	121,971	26,704,091	66,594	26,704,091	97,680	1,524,335	374,985	28,701,091	121.3	4,355,020	224.6	166,362	257.4
2029	16,332,665	10,748,262	124,572	27,273,513	68,014	27,273,513	99,763	1,556,839	382,981	29,313,096	124.3	4,446,012	229.3	169,838	262.8
2030	16,632,647	11,027,678	127,237	27,857,031	69,469	27,857,031	101,898	1,590,148	391,175	29,940,251	126.9	2,928,454	151.0	111,867	173.1
2031	16,938,779	11,315,642	129,970	28,455,353	70,961	28,455,353	104,086	1,624,301	399,577	30,583,317	129.6	4,634,685	239.0	177,045	273.9
2032	17,250,906	11,612,596	132,772	29,068,764	72,491	29,068,764	106,330	1,659,316	408,190	31,242,601	132.1	4,732,515	244.1	180,782	279.7
2033	17,569,237	11,918,654	135,644	29,697,594	74,059	29,697,594	108,630	1,695,211	417,021	31,918,456	135.3	4,832,738	249.2	184,611	285.6
2034	17,896,755	12,234,232	138,603	30,345,264	75,674	30,345,264	110,999	1,732,182	426,115	32,614,560	138.3	4,936,092	254.6	188,559	291.7
2035	18,249,158	12,559,480	141,720	31,027,734	77,376	31,027,734	113,496	1,771,139	435,699	33,348,067	141.4	5,045,368	260.2	192,733	298.2
2036	18,610,348	12,895,021	144,925	31,729,419	79,126	31,729,419	116,062	1,811,193	445,552	34,102,227	144.2	5,157,453	266.0	197,015	304.8
2037	18,979,385	13,240,963	148,214	32,449,482	80,921	32,449,482	118,696	1,852,296	455,663	34,876,138	147.8	5,272,406	271.9	201,406	311.6
2038	19,356,113	13,597,579	151,587	33,188,042	82,763	33,188,042	121,398	1,894,455	466,034	35,669,929	151.2	5,390,238	278.0	205,907	318.6
2039	19,740,816	13,965,378	155,048	33,945,895	84,653	33,945,895	124,170	1,937,715	476,676	36,484,456	154.7	5,511,081	284.2	210,523	325.7
2040	20,130,675	14,344,823	158,587	34,720,671	86,585	34,720,671	127,004	1,981,941	487,556	37,317,172	157.8	5,634,330	290.6	215,231	333.0
2041	20,508,300	14,736,065	162,124	35,495,005	88,516	35,495,005	129,836	2,026,142	498,429	38,149,412	161.7	5,756,929	296.9	219,915	340.3
2042	20,891,797	15,139,726	165,745	36,287,762	90,493	36,287,762	132,736	2,071,394	509,561	39,001,454	165.3	5,882,575	303.4	224,714	347.7
2043	21,282,950	15,555,981	169,459	37,100,911	92,521	37,100,911	135,711	2,117,811	520,980	39,875,413	169.0	6,011,366	310.0	229,634	355.3
2044	21,684,640	15,985,487	173,283	37,938,018	94,609	37,938,018	138,773	2,165,595	532,735	40,775,121	172.4	6,144,044	316.9	234,702	363.1
2045	22,110,855	16,428,592	177,281	38,813,520	96,792	38,813,520	141,975	2,215,571	545,029	41,716,094	176.8	6,283,119	324.0	240,015	371.4
2046	22,547,321	16,885,769	181,392	39,713,518	99,036	39,713,518	145,267	2,266,945	557,667	42,683,397	180.9	6,425,815	331.4	245,466	379.8
2047	22,992,874	17,357,376	185,611	40,637,201	101,340	40,637,201	148,646	2,319,671	570,637	43,676,155	185.1	6,572,170	339.0	251,057	388.4
2048	23,447,743	17,844,062	189,942	41,585,452	103,704	41,585,452	152,115	2,373,800	583,953	44,695,319	188.9	6,722,318	346.7	256,793	397.3
2049	23,912,057	18,346,065	194,387	42,558,640	106,131	42,558,640	155,674	2,429,352	597,618	45,741,285	193.9	6,876,316	354.6	262,675	406.4
2050	24,385,189	18,862,346	198,939	43,555,090	108,616	43,555,090	159,319	2,486,231	611,611	46,812,252	198.4	7,033,765	362.8	268,690	415.7

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United Water Idaho: Monthly Water Demand Forecast, 2000 to 2050, with Tiered Rate Increases

	Residential				Commercial				Public							
	Water Use Per Customer (100 CCF)	Predicted Water Use (1,000 Gallons)	Annual Average Customers	Linear Interpolation Customers	Water Use Per Customer (100 CCF)	Predicted Water Use (1,000 Gallons)	Annual Average Customers	Linear Interpolation Customers	Water Use Per Customer (100 CCF)	Annual Average Customers	Predicted "Other" Water Use (1,000 Gallons)	Predicted System Water Sales (1,000 Gallons)	Predicted Hydrant Water Used (1,000 Gallons)	Predicted System Water Losses (1,000 Gallons)	Predicted Company Water Use (1,000 Gallons)	Predicted System Water Production (1,000 Gallons)
Jan-84	15.708	206,033	35,446	35,068	88.6367	126,427	3,735	3,681		65						
Feb-84	16.741	219,974	35,446	35,131	105.8601	151,363	3,735	3,690		65						
Mar-84	16.714	220,018	35,446	35,194	82.4802	118,221	3,735	3,699		65						
Apr-84	16.868	222,440	35,446	35,257	108.1404	155,378	3,735	3,708		65						
May-84	17.259	227,999	35,446	35,320	92.4176	133,109	3,735	3,717		65						
Jun-84	26.658	352,800	35,446	35,383	128.8939	186,096	3,735	3,726		65						
Jul-84	45.708	605,980	35,446	35,446	165.7214	239,845	3,735	3,735		65						
Aug-84	73.037	970,021	35,446	35,509	235.4099	341,532	3,735	3,744		65						
Sep-84	74.122	986,184	35,446	35,572	252.5555	367,296	3,735	3,753		65						
Oct-84	58.239	776,236	35,446	35,635	235.6172	343,492	3,735	3,762		65						
Nov-84	31.638	422,433	35,446	35,698	151.2981	221,101	3,735	3,771		65						
Dec-84	21.629	289,298	35,446	35,761	126.4650	185,256	3,735	3,780		65						
Jan-85	16.202	217,091	36,203	35,825	90.6939	133,175	3,844	3,790		65						
Feb-85	16.443	220,706	36,203	35,888	103.6058	152,499	3,844	3,799		65						
Mar-85	17.129	230,330	36,203	35,951	95.9634	141,588	3,844	3,808		65						
Apr-85	17.549	236,380	36,203	36,014	107.6226	159,169	3,844	3,817		65						
May-85	23.013	310,531	36,203	36,077	103.8234	153,916	3,844	3,826		65						
Jun-85	39.888	539,181	36,203	36,140	157.8899	234,624	3,844	3,835		65						
Jul-85	61.461	832,228	36,203	36,203	199.8050	297,613	3,844	3,844		65						
Aug-85	82.680	1,120,596	36,203	36,237	259.4593	387,382	3,844	3,853		65						
Sep-85	78.918	1,070,594	36,203	36,270	260.3551	389,636	3,844	3,862		65						
Oct-85	51.608	700,754	36,203	36,304	212.4569	318,701	3,844	3,871		65						
Nov-85	27.103	368,355	36,203	36,337	131.7994	198,173	3,844	3,880		65						
Dec-85	18.975	258,129	36,203	36,371	115.1096	173,483	3,844	3,889		65						
Jan-86	15.051	204,932	36,605	36,404	84.9157	128,276	3,953	3,899		65						
Feb-86	17.922	244,254	36,605	36,438	106.7417	161,623	3,953	3,908		65						
Mar-86	17.886	243,986	36,605	36,471	93.2149	141,470	3,953	3,917		65						
Apr-86	17.224	235,170	36,605	36,505	112.0731	170,485	3,953	3,926		65						
May-86	19.629	268,256	36,605	36,538	101.2042	154,307	3,953	3,935		65						
Jun-86	34.223	468,130	36,605	36,572	145.8153	222,840	3,953	3,944		65						
Jul-86	64.716	886,046	36,605	36,605	214.5559	328,646	3,953	3,953		65						
Aug-86	86.144	1,182,095	36,605	36,688	286.0962	439,235	3,953	3,962		66						
Sep-86	85.510	1,176,040	36,605	36,771	256.0173	393,957	3,953	3,971		68						
Oct-86	60.740	837,255	36,605	36,854	248.2818	382,928	3,953	3,980		69						
Nov-86	31.139	430,203	36,605	36,937	157.9799	244,210	3,953	3,989		70						
Dec-86	18.616	257,758	36,605	37,020	122.3433	189,553	3,953	3,998		72						
Jan-87	16.175	224,470	37,601	37,103	96.0815	149,202	4,062	4,008		73						
Feb-87	17.259	240,043	37,601	37,186	110.2058	171,523	4,062	4,017		74						
Mar-87	16.283	226,979	37,601	37,269	102.8942	160,506	4,062	4,026		76						
Apr-87	16.759	234,139	37,601	37,352	117.5925	183,848	4,062	4,035		77						
May-87	29.318	410,494	37,601	37,435	127.1557	199,246	4,062	4,044		78						
Jun-87	50.176	704,098	37,601	37,518	189.3836	297,421	4,062	4,053		80						
Jul-87	63.227	889,214	37,601	37,601	215.9918	339,968	4,062	4,062		81						
Aug-87	75.565	1,065,118	37,601	37,686	265.7283	419,188	4,062	4,071		81						
Sep-87	79.592	1,124,399	37,601	37,770	262.1392	414,449	4,062	4,080		81						
Oct-87	67.613	957,304	37,601	37,855	258.1378	409,032	4,062	4,089		81						
Nov-87	48.442	687,404	37,601	37,939	202.2522	321,190	4,062	4,098		81						
Dec-87	29.165	414,781	37,601	38,024	156.8610	249,658	4,062	4,107		81						
Jan-88	17.464	248,921	38,615	38,108	100.0679	159,619	4,171	4,117	627	81	1,023	410,190				
Feb-88	16.716	238,792	38,615	38,193	107.9200	172,524	4,171	4,126	1,695	80	1,033	414,043				
Mar-88	15.518	222,162	38,615	38,277	98.0632	157,112	4,171	4,135	1,313	80	951	381,538				

United Water Idaho: Monthly Water Demand Forecast, 2000 to 2050, with Tiered Rate Increases

	Residential				Commercial				Public		Predicted "Other" Water Use	Predicted System Water Sales	Predicted Hydrant Water Used	Predicted System Water Losses	Predicted Company Water Use	Predicted System Water Production
	Water Use Per Customer	Predicted Water Use	Annual Average Customers	Linear Interpolation Customers	Water Use Per Customer	Predicted Water Use	Annual Average Customers	Linear Interpolation Customers	Water Use Per Customer	Annual Average Customers						
	(100 CCF)	(1,000 Gallons)			(100 CCF)	(1,000 Gallons)			(100 CCF)		(1,000 Gallons)	(1,000 Gallons)	(1,000 Gallons)	(1,000 Gallons)	(1,000 Gallons)	(1,000 Gallons)
Apr-88	17.174	246,416	38,615	38,362	109.6033	175,986	4,171	4,144	1,970	80	1,061	425,433				
May-88	21.057	302,790	38,615	38,446	111.5123	179,444	4,171	4,153	3,151	80	1,213	486,598				
Jun-88	37.692	543,193	38,615	38,531	158.6820	255,907	4,171	4,162	7,135	80	2,016	808,251				
Jul-88	63.006	910,001	38,615	38,615	228.2162	368,849	4,171	4,171	17,000	80	3,240	1,299,089				
Aug-88	79.526	1,147,426	38,615	38,576	268.8250	443,405	4,171	4,257	19,738	79	4,026	1,614,596				
Sep-88	83.463	1,203,006	38,615	38,536	291.0689	489,757	4,171	4,342	28,757	77	4,304	1,725,824				
Oct-88	69.875	1,006,124	38,615	38,497	273.1089	468,603	4,171	4,428	13,899	76	3,722	1,492,347				
Nov-88	43.125	620,321	38,615	38,458	200.7121	351,046	4,171	4,514	9,880	74	2,453	983,701				
Dec-88	25.876	371,830	38,615	38,418	147.8273	263,458	4,171	4,599	5,723	73	1,603	642,613				
Jan-89	15.665	224,867	38,143	38,379	90.2090	163,765	5,199	4,685	1,805	72	976	391,413	1,152	57,464	7,838	457,867
Feb-89	13.940	199,900	38,143	38,340	89.0863	164,684	5,199	4,771	4,055	70	922	369,560	257	52,928	7,894	430,640
Mar-89	18.721	268,187	38,143	38,300	101.2647	190,558	5,199	4,856	12,350	69	1,178	472,273	831	52,306	8,209	533,619
Apr-89	18.590	266,027	38,143	38,261	98.9521	189,491	5,199	4,942	4,221	67	1,149	460,889	561	52,753	6,665	520,868
May-89	21.845	312,298	38,143	38,222	98.0122	190,945	5,199	5,028	4,924	66	1,270	509,437	1,670	82,409	9,081	602,597
Jun-89	40.151	573,398	38,143	38,182	147.3735	292,001	5,199	5,113	7,752	64	2,183	875,334	2,065	78,571	9,650	965,621
Jul-89	65.929	940,574	38,143	38,143	20.6823	41,666	5,199	5,199	24,687	63	2,517	1,009,445	10,232	70,751	12,607	1,103,035
Aug-89	81.520	1,166,145	38,143	38,246	250.5424	507,323	5,199	5,226	15,944	64	4,224	1,693,635	5,013	20,789	13,707	1,733,144
Sep-89	79.512	1,140,491	38,143	38,350	252.7390	514,382	5,199	5,252	28,852	64	4,209	1,687,935	2,883	13,542	14,686	1,719,047
Oct-89	57.668	829,403	38,143	38,453	215.4538	440,725	5,199	5,279	16,930	65	3,218	1,290,275	5,775	22,300	15,730	1,334,079
Nov-89	33.798	487,399	38,143	38,556	160.4721	329,914	5,199	5,306	6,793	65	2,060	826,166	4,273	33,372	16,124	879,934
Dec-89	21.291	307,864	38,143	38,659	119.6947	247,317	5,199	5,332	4,030	66	1,398	560,610	1,551	38,445	16,415	617,020
Jan-90	16.665	241,617	39,382	38,763	109.4391	227,257	5,519	5,359	1,461	66	1,176	471,510	1,094	54,574	7,444	534,622
Feb-90	16.208	235,605	39,382	38,866	96.7724	201,954	5,519	5,386	4,353	67	1,105	443,017	247	50,753	7,570	501,586
Mar-90	15.141	220,688	39,382	38,969	100.9620	211,741	5,519	5,412	1,260	67	1,084	434,772	806	50,728	7,961	494,267
Apr-90	17.107	249,996	39,382	39,072	98.8759	208,387	5,519	5,439	4,658	68	1,158	464,199	537	50,543	6,386	521,666
May-90	26.669	390,775	39,382	39,176	132.7668	281,186	5,519	5,466	6,375	68	1,696	680,032	1,595	78,722	8,675	769,024
Jun-90	35.640	523,600	39,382	39,279	150.0826	319,410	5,519	5,492	7,017	69	2,125	852,152	2,001	76,142	9,352	939,647
Jul-90	47.201	695,261	39,382	39,382	182.4365	390,152	5,519	5,519	14,138	69	2,749	1,102,300	9,832	67,987	12,114	1,192,234
Aug-90	68.574	1,014,311	39,382	39,547	222.3632	477,160	5,519	5,538	22,891	71	3,786	1,518,149	4,994	20,709	13,654	1,557,505
Sep-90	80.150	1,190,456	39,382	39,711	269.9044	581,147	5,519	5,557	23,853	74	4,489	1,799,944	2,803	13,166	14,278	1,830,191
Oct-90	62.336	929,713	39,382	39,876	242.9195	524,817	5,519	5,576	30,794	76	3,713	1,489,037	5,695	21,993	15,514	1,532,239
Nov-90	41.742	625,121	39,382	40,040	193.3900	419,222	5,519	5,594	14,273	78	2,647	1,061,262	4,378	34,192	16,520	1,116,353
Dec-90	22.669	340,887	39,382	40,205	126.2988	274,706	5,519	5,613	14,798	81	1,576	631,968	1,649	40,880	17,455	691,952
Jan-91	14.169	213,934	41,356	40,369	103.5525	225,988	5,745	5,632	1,982	83	1,105	443,009	1,180	58,885	8,032	511,105
Feb-91	16.194	245,504	41,356	40,534	91.8025	201,015	5,745	5,651	3,176	85	1,124	450,820	264	54,191	8,082	513,357
Mar-91	18.418	280,359	41,356	40,698	120.4548	264,632	5,745	5,670	1,826	88	1,367	548,185	855	53,816	8,446	611,302
Apr-91	16.712	255,417	41,356	40,863	96.8107	213,394	5,745	5,689	3,701	90	1,181	473,693	578	54,375	6,870	535,517
May-91	19.749	303,053	41,356	41,027	115.8445	256,195	5,745	5,707	8,025	92	1,418	568,691	1,717	84,736	9,337	664,481
Jun-91	27.987	431,189	41,356	41,192	128.4176	284,938	5,745	5,726	9,757	95	1,815	727,698	2,098	79,806	9,802	819,404
Jul-91	48.430	749,124	41,356	41,356	191.0342	425,268	5,745	5,745	22,766	97	2,993	1,200,151	10,211	70,605	12,581	1,293,548
Aug-91	70.787	1,098,423	41,356	41,487	221.3834	493,716	5,745	5,755	31,092	92	4,058	1,627,288	5,187	21,509	14,181	1,668,165
Sep-91	80.713	1,256,414	41,356	41,619	274.6295	613,562	5,745	5,766	27,314	88	4,743	1,902,033	2,990	14,046	15,233	1,934,302
Oct-91	68.226	1,065,395	41,356	41,750	238.8401	534,559	5,745	5,776	36,052	83	4,090	1,640,096	6,066	23,427	16,525	1,686,114
Nov-91	47.769	748,286	41,356	41,881	188.6743	423,036	5,745	5,786	16,649	79	2,970	1,190,941	4,638	36,226	17,503	1,249,308
Dec-91	26.976	423,902	41,356	42,013	134.7143	302,589	5,745	5,797	10,282	74	1,842	738,615	1,729	42,863	18,301	801,509
Jan-92	16.863	265,804	42,932	42,144	87.8555	197,689	5,869	5,807	1,918	70	1,164	466,575	1,241	61,912	8,445	538,172
Feb-92	15.888	251,229	42,932	42,275	92.9099	209,434	5,869	5,817	3,107	65	1,159	464,929	278	57,243	8,537	530,988
Mar-92	14.773	234,322	42,932	42,407	96.3925	217,670	5,869	5,828	702	60	1,132	453,827	903	56,876	8,926	520,532
Apr-92	18.221	289,908	42,932	42,538	97.0221	219,481	5,869	5,838	2,952	56	1,281	513,621	600	56,411	7,128	577,760
May-92	30.395	485,090	42,932	42,669	120.5836	273,264	5,869	5,848	4,532	51	1,907	764,793	1,786	88,140	9,712	864,431
Jun-92	49.817	797,500	42,932	42,801	176.5880	400,887	5,869	5,859	10,172	47	3,021	1,211,579	2,242	85,287	10,475	1,309,584

United Water Idaho: Monthly Water Demand Forecast, 2000 to 2050, with Tiered Rate Increases

	Residential				Commercial				Public							
	Water Use Per Customer	Predicted Water Use	Annual Average Customers	Linear Interpolation Customers	Water Use Per Customer	Predicted Water Use	Annual Average Customers	Linear Interpolation Customers	Water Use Per Customer	Annual Average Customers	Predicted "Other" Water Use	Predicted System Water Sales	Predicted Hydrant Water Used	Predicted System Water Losses	Predicted Company Water Use	Predicted System Water Production
	(100 CCF)	(1,000 Gallons)			(100 CCF)	(1,000 Gallons)			(100 CCF)		(1,000 Gallons)	(1,000 Gallons)	(1,000 Gallons)	(1,000 Gallons)	(1,000 Gallons)	(1,000 Gallons)
Jul-92	62.754	1,007,684	42,932	42,932	211.3836	480,725	5,869	5,869	11,794	42	3,751	1,503,954	11,495	79,482	14,162	1,609,093
Aug-92	66.504	1,070,890	42,932	43,052	232.6699	531,230	5,869	5,892	19,661	47	4,054	1,625,836	5,931	24,595	16,216	1,672,577
Sep-92	74.928	1,209,894	42,932	43,172	224.0698	513,613	5,869	5,916	20,535	52	4,360	1,748,403	3,385	15,900	17,244	1,784,932
Oct-92	63.615	1,030,072	42,932	43,292	228.1913	525,116	5,869	5,939	24,913	57	3,950	1,584,052	6,721	25,953	18,307	1,635,031
Nov-92	43.774	710,760	42,932	43,412	165.2219	381,699	5,869	5,962	22,955	62	2,789	1,118,202	5,047	39,414	19,043	1,181,706
Dec-92	24.530	399,400	42,932	43,532	119.4024	276,922	5,869	5,985	10,452	67	1,717	688,490	1,849	45,831	19,569	755,740
Jan-93	15.769	257,457	44,372	43,652	80.9038	188,363	6,148	6,009	2,160	72	1,120	449,100	1,309	65,317	8,909	524,635
Feb-93	15.369	251,621	44,372	43,772	85.4175	199,642	6,148	6,032	2,695	77	1,135	455,093	293	60,180	8,976	524,541
Mar-93	16.077	263,924	44,372	43,892	82.0282	192,459	6,148	6,055	1,276	82	1,144	458,803	948	59,674	9,365	528,789
Apr-93	16.669	274,396	44,372	44,012	92.9474	218,916	6,148	6,078	3,915	87	1,243	498,470	635	59,698	7,543	566,345
May-93	16.287	268,848	44,372	44,132	80.3325	189,928	6,148	6,102	2,159	92	1,152	462,088	1,881	92,835	10,230	567,033
Jun-93	28.721	475,374	44,372	44,252	120.4135	285,776	6,148	6,125	8,165	97	1,923	771,238	2,264	86,115	10,577	870,194
Jul-93	49.704	824,908	44,372	44,372	162.0994	386,168	6,148	6,148	24,079	102	3,088	1,238,244	10,729	74,189	13,219	1,336,382
Aug-93	66.079	1,100,098	44,372	44,511	227.0997	542,888	6,148	6,169	39,754	102	4,207	1,686,947	5,275	21,874	14,422	1,728,519
Sep-93	67.367	1,125,049	44,372	44,650	208.9156	501,139	6,148	6,191	32,522	102	4,147	1,662,856	3,028	14,221	15,422	1,695,528
Oct-93	57.826	968,728	44,372	44,789	207.3119	498,999	6,148	6,212	42,470	102	3,775	1,513,972	6,039	23,321	16,450	1,559,782
Nov-93	44.132	741,617	44,372	44,928	171.5715	414,385	6,148	6,233	17,767	102	2,934	1,176,703	4,527	35,354	17,081	1,233,665
Dec-93	24.064	405,627	44,372	45,067	125.2974	303,654	6,148	6,254	13,065	102	1,806	724,151	1,677	41,575	17,752	785,156
Jan-94	18.577	314,101	46,041	45,207	89.8514	218,492	6,403	6,276	1,091	102	1,334	535,017	1,196	59,688	8,141	604,042
Feb-94	17.755	301,136	46,041	45,346	100.8080	245,965	6,403	6,297	5,017	102	1,380	553,498	270	55,500	8,278	617,545
Mar-94	14.441	245,675	46,041	45,485	73.7469	180,545	6,403	6,318	1,163	102	1,068	428,451	882	55,562	8,720	493,615
Apr-94	18.383	313,703	46,041	45,624	98.8399	242,790	6,403	6,339	7,065	102	1,409	564,967	589	55,412	7,001	627,969
May-94	25.790	441,441	46,041	45,763	103.6895	255,557	6,403	6,361	6,978	102	1,760	705,736	1,759	86,787	9,563	803,845
Jun-94	37.661	646,590	46,041	45,902	149.7995	370,435	6,403	6,382	19,139	102	2,590	1,038,754	2,217	84,348	10,360	1,135,678
Jul-94	55.983	964,052	46,041	46,041	180.5084	447,860	6,403	6,403	21,195	102	3,583	1,436,690	11,169	77,229	13,761	1,538,849
Aug-94	74.696	1,288,715	46,041	46,127	237.2868	590,151	6,403	6,418	38,747	97	4,794	1,922,407	5,717	23,707	15,630	1,967,461
Sep-94	81.861	1,414,985	46,041	46,214	245.4863	612,010	6,403	6,434	37,507	93	5,161	2,069,664	3,327	15,628	16,948	2,105,567
Oct-94	69.886	1,210,252	46,041	46,300	243.9075	609,531	6,403	6,449	44,188	88	4,660	1,868,631	6,910	26,683	18,822	1,921,045
Nov-94	53.553	929,140	46,041	46,387	200.1983	501,497	6,403	6,465	26,337	83	3,642	1,460,616	5,358	41,848	20,219	1,528,041
Dec-94	23.899	415,407	46,041	46,473	128.5510	322,788	6,403	6,480	9,413	79	1,869	749,478	2,018	50,019	21,357	822,872
Jan-95	15.958	277,891	47,078	46,560	100.4300	252,777	6,588	6,496	372	74	1,328	532,367	1,437	71,715	9,782	615,301
Feb-95	16.532	288,427	47,078	46,646	95.1121	239,960	6,588	6,511	1,314	69	1,324	531,025	322	66,158	9,867	607,371
Mar-95	14.137	247,097	47,078	46,732	79.5119	201,077	6,588	6,526	235	65	1,121	449,530	1,041	65,543	10,286	526,400
Apr-95	14.824	259,591	47,078	46,819	88.3642	223,992	6,588	6,542	1,111	60	1,212	485,905	698	65,647	8,295	560,544
May-95	18.209	319,454	47,078	46,905	92.8450	235,905	6,588	6,557	2,101	55	1,394	558,854	2,059	101,607	11,196	673,716
Jun-95	25.164	442,284	47,078	46,992	117.0580	298,125	6,588	6,573	3,349	51	1,859	745,618	2,513	95,598	11,742	855,471
Jul-95	46.538	819,458	47,078	47,078	168.0146	428,906	6,588	6,588	8,694	46	3,143	1,260,200	12,096	83,636	14,903	1,370,835
Aug-95	65.904	1,163,287	47,078	47,193	229.4681	586,592	6,588	6,597	17,922	45	4,420	1,772,220	6,005	24,902	16,419	1,819,546
Sep-95	68.914	1,219,386	47,078	47,308	232.9528	596,319	6,588	6,606	14,218	44	4,575	1,834,498	3,387	15,910	17,254	1,871,049
Oct-95	61.447	1,089,893	47,078	47,422	236.5494	606,359	6,588	6,615	19,705	44	4,290	1,720,246	6,680	25,796	18,196	1,770,919
Nov-95	42.647	758,274	47,078	47,537	191.6514	491,944	6,588	6,624	6,618	43	3,142	1,259,978	4,978	38,879	18,784	1,322,619
Dec-95	24.138	430,217	47,078	47,652	126.3365	324,734	6,588	6,633	6,624	42	1,904	763,478	1,805	44,725	19,096	829,104
Jan-96	16.884	301,644	48,455	47,767	116.5205	299,913	6,697	6,643	2,337	41	1,510	605,404	1,284	64,078	8,740	679,506
Feb-96	15.930	285,291	48,455	47,881	90.1354	232,317	6,697	6,652	3,928	40	1,304	522,841	289	59,486	8,872	591,489
Mar-96	15.233	273,450	48,455	47,996	106.4416	274,720	6,697	6,661	729	39	1,372	550,272	937	58,993	9,258	619,460
Apr-96	15.910	286,290	48,455	48,111	92.9991	240,353	6,697	6,670	2,231	39	1,322	530,196	632	59,489	7,516	597,834
May-96	18.232	328,852	48,455	48,226	111.4728	288,490	6,697	6,679	1,047	38	1,546	619,936	1,884	92,965	10,244	725,029
Jun-96	28.034	506,871	48,455	48,340	126.5185	327,874	6,697	6,688	3,289	37	2,095	840,129	2,337	88,894	10,918	942,277
Jul-96	49.502	897,153	48,455	48,455	184.3081	478,284	6,697	6,697	12,601	36	3,470	1,391,508	11,594	80,167	14,284	1,497,554
Aug-96	70.171	1,275,174	48,455	48,586	232.0510	602,943	6,697	6,706	13,349	36	4,729	1,896,195	5,899	24,462	16,128	1,942,683
Sep-96	78.560	1,431,474	48,455	48,717	270.6338	704,085	6,697	6,714	17,467	35	5,383	2,158,409	3,401	15,974	17,324	2,195,107

United Water Idaho: Monthly Water Demand Forecast, 2000 to 2050, with Tiered Rate Increases

	Residential				Commercial				Public							
	Water Use Per Customer	Predicted Water Use	Annual Average Customers	Linear Interpolation Customers	Water Use Per Customer	Predicted Water Use	Annual Average Customers	Linear Interpolation Customers	Water Use Per Customer	Annual Average Customers	Predicted "Other" Water Use	Predicted System Water Sales	Predicted Hydrant Water Used	Predicted System Water Losses	Predicted Company Water Use	Predicted System Water Production
	(100 CCF)	(1,000 Gallons)			(100 CCF)	(1,000 Gallons)			(100 CCF)		(1,000 Gallons)	(1,000 Gallons)	(1,000 Gallons)	(1,000 Gallons)	(1,000 Gallons)	(1,000 Gallons)
Oct-96	63.683	1,163,516	48,455	48,848	239.9612	625,077	6,697	6,723	15,588	35	4,510	1,808,691	7,013	27,080	19,102	1,861,886
Nov-96	40.800	747,439	48,455	48,979	198.1858	516,908	6,697	6,731	13,344	35	3,194	1,280,886	5,326	41,599	20,098	1,347,910
Dec-96	23.564	432,831	48,455	49,110	120.6413	315,054	6,697	6,740	3,837	34	1,879	753,602	1,966	48,739	20,810	825,117
Jan-97	15.392	283,491	50,028	49,242	107.7916	281,852	6,799	6,748	898	34	1,416	567,657	1,397	69,694	9,506	648,253
Feb-97	16.648	307,423	50,028	49,373	92.3075	241,669	6,799	6,757	1,586	34	1,377	552,054	312	64,118	9,563	626,047
Mar-97	14.740	272,921	50,028	49,504	97.7518	256,244	6,799	6,765	639	33	1,325	531,129	1,013	63,774	10,009	605,924
Apr-97	15.241	282,952	50,028	49,635	83.9535	220,350	6,799	6,774	1,858	33	1,263	506,423	677	63,680	8,046	578,825
May-97	21.326	396,952	50,028	49,766	121.5078	319,318	6,799	6,782	2,667	33	1,797	720,735	2,005	98,968	10,905	832,614
Jun-97	36.481	680,843	50,028	49,897	148.8564	391,679	6,799	6,791	5,651	32	2,695	1,080,869	2,494	94,894	11,655	1,189,913
Jul-97	51.026	954,781	50,028	50,028	205.0193	540,134	6,799	6,799	8,906	32	3,760	1,507,580	12,509	86,492	15,411	1,621,992
Aug-97	60.506	1,134,336	50,028	50,124	217.6749	575,057	6,799	6,818	13,545	40	4,307	1,727,245	6,352	26,341	17,367	1,777,305
Sep-97	39.757	746,766	50,028	50,220	252.1326	667,920	6,799	6,837	13,202	47	3,570	1,431,457	3,580	16,816	18,237	1,470,090
Oct-97	59.449	1,118,774	50,028	50,315	222.9241	592,164	6,799	6,855	17,256	55	4,320	1,732,514	6,800	26,258	18,522	1,784,094
Nov-97	41.565	783,711	50,028	50,411	196.3771	523,072	6,799	6,874	15,837	62	3,307	1,325,927	5,098	39,816	19,237	1,390,078
Dec-97	24.468	462,212	50,028	50,507	126.0833	336,753	6,799	6,893	7,263	70	2,016	808,244	1,886	46,744	19,959	876,832
Jan-98	16.592	314,039	51,177	50,603	98.4989	263,794	7,024	6,912	3,118	78	1,452	582,403	1,346	67,186	9,164	660,099
Feb-98	16.774	318,071	51,177	50,698	92.7777	249,146	7,024	6,930	3,744	85	1,427	572,388	302	62,065	9,257	644,012
Mar-98	14.684	278,969	51,177	50,794	87.7153	236,189	7,024	6,949	2,409	93	1,294	518,861	980	61,693	9,682	591,215
Apr-98	15.692	298,675	51,177	50,890	90.2187	243,585	7,024	6,968	4,184	100	1,366	547,811	655	61,632	7,787	617,885
May-98	19.905	379,592	51,177	50,986	100.3971	271,796	7,024	6,987	6,102	108	1,644	659,134	1,951	96,280	10,609	767,974
Jun-98	27.075	517,287	51,177	51,081	137.2935	372,679	7,024	7,005	9,924	115	2,250	902,140	2,396	91,152	11,196	1,006,883
Jul-98	37.340	714,746	51,177	51,177	151.8717	413,355	7,024	7,024	16,223	123	2,861	1,147,185	11,628	80,404	14,327	1,253,544
Aug-98	55.449	1,072,535	51,177	51,715	217.0979	593,119	7,024	7,051	26,690	117	4,231	1,696,575	5,683	23,564	15,536	1,741,358
Sep-98	74.350	1,453,108	51,177	52,254	265.0979	726,988	7,024	7,077	32,509	111	5,532	2,218,137	3,235	15,197	16,480	2,253,049
Oct-98	63.635	1,256,522	51,177	52,792	257.2254	708,049	7,024	7,104	31,824	105	4,991	2,001,385	6,932	26,770	18,883	2,053,971
Nov-98	44.147	880,603	51,177	53,331	217.1337	599,927	7,024	7,130	22,524	99	3,758	1,506,811	5,340	41,705	20,150	1,574,006
Dec-98	24.791	499,506	51,177	53,869	105.2701	291,939	7,024	7,157	8,529	93	2,000	801,974	1,996	49,465	21,120	874,555
Jan-99	15.823	321,985	57,638	54,408	105.7140	294,259	7,343	7,184	4,758	87	1,553	622,554	1,418	70,752	9,650	704,374
Feb-99	15.823	325,171	57,638	54,946	96.7509	270,307	7,343	7,210	4,423	80	1,500	601,401	319	65,481	9,766	676,967
Mar-99	14.823	307,605	57,638	55,484	86.5114	242,590	7,343	7,237	2,081	74	1,381	553,657	1,034	65,125	10,221	630,038
Apr-99	17.541	367,543	57,638	56,023	89.0752	250,697	7,343	7,263	4,709	68	1,557	624,507	694	65,297	8,250	698,748
May-99	27.499	581,751	57,638	56,561	97.5194	275,467	7,343	7,290	4,290	62	2,154	863,661	2,072	102,256	11,268	979,258
Jun-99	42.368	904,842	57,638	57,100	191.5915	543,170	7,343	7,316	8,917	56	3,642	1,460,572	2,596	98,780	12,132	1,574,080
Jul-99	61.455	1,324,854	57,638	57,638	189.7887	540,014	7,343	7,343	17,600	50	4,706	1,887,174	13,311	92,043	16,400	2,008,929
Aug-99	70.166	1,517,621	57,638	57,828	290.2243	828,232	7,343	7,365	28,465	57	5,936	2,380,253	7,053	29,247	19,283	2,435,835
Sep-99	77.407	1,679,724	57,638	58,017	230.3904	659,420	7,343	7,386	32,079	65	5,928	2,377,151	4,211	19,781	21,452	2,422,596
Oct-99	55.560	1,209,585	57,638	58,207	238.3904	684,324	7,343	7,408	36,627	72	4,826	1,935,363	8,552	33,024	23,295	2,000,234
Nov-99	37.529	819,697	57,638	58,396	144.1429	414,991	7,343	7,430	26,179	79	3,152	1,264,019	6,424	50,171	24,240	1,344,854
Dec-99	21.658	474,583	57,638	58,586	126.1798	364,337	7,343	7,452	11,314	86	2,126	852,359	2,331	57,775	24,669	937,134
Jan-00	15.891	349,333		58,775	88.9613	257,619	7,582	7,473	6,742	94	1,534	615,229	1,662	82,949	11,314	711,154
Feb-00	13.275	292,774		58,965	87.1407	253,081	7,582	7,495	7,265	101	1,383	554,503	372	76,500	11,410	642,785
Mar-00	13.883	307,170		59,154	85.6708	249,533	7,582	7,517	4,003	108	1,402	562,108	1,201	75,687	11,878	650,874
Apr-00	17.098	379,510		59,344	91.3253	266,772	7,582	7,539	10,391	115	1,642	658,315	805	75,728	9,568	744,416
May-00	21.696	483,103		59,533	122.0450	357,535	7,582	7,560	11,045	123	2,129	853,813	2,392	118,169	13,021	987,396
Jun-00	35.933	802,671		59,723	192.3836	565,215	7,582	7,582	26,910	130	3,487	1,398,282	2,949	112,355	13,800	1,527,386
Jul-00	54.311	1,213,196		59,723	187.0142	549,450		7,582	8,108		4,427	1,775,182	14,452	100,139	17,843	1,907,617
Aug-00	70.822	1,584,457	Forecast	59,815	238.6785	702,519	Forecast	7,596	10,520	Forecast	5,744	2,303,239	7,217	30,012	19,787	2,360,255
Sep-00	76.145	1,706,151		59,907	248.3285	732,252		7,610	11,217		6,124	2,455,744	4,096	19,307	20,937	2,500,084
Oct-00	62.094	1,393,466		59,999	235.1767	694,730		7,624	9,606		5,245	2,103,047	8,269	32,070	22,622	2,166,008
Nov-00	40.138	902,130		60,091	175.7570	520,141		7,637	6,542		3,572	1,432,386	6,303	49,467	23,900	1,512,055
Dec-00	22.133	498,215		60,183	121.7333	360,914		7,651	3,952		2,158	865,239	2,347	58,497	24,977	951,059

United Water Idaho: Monthly Water Demand Forecast, 2000 to 2050, with Tiered Rate Increases

	Residential				Commercial				Public		Predicted "Other" Water Use	Predicted System Water Sales	Predicted Hydrant Water Used	Predicted System Water Losses	Predicted Company Water Use	Predicted System Water Production
	Water Use Per Customer	Predicted Water Use	Annual Average Customers	Linear Interpolation Customers	Water Use Per Customer	Predicted Water Use	Annual Average Customers	Linear Interpolation Customers	Water Use Per Customer	Annual Average Customers						
	(100 CCF)	(1,000 Gallons)			(100 CCF)	(1,000 Gallons)			(100 CCF)		(1,000 Gallons)	(1,000 Gallons)	(1,000 Gallons)	(1,000 Gallons)	(1,000 Gallons)	(1,000 Gallons)
Jan-01	14.110	318,100		60,276	89.2131	264,976		7,665	2,682		1,464	587,223	1,668	83,780	11,427	684,098
Feb-01	14.365	324,352		60,368	90.1031	268,102		7,679	2,725		1,488	596,667	373	77,164	11,509	685,712
Mar-01	16.526	373,700		60,460	95.7761	285,495		7,693	3,032		1,656	663,883	1,209	76,784	12,050	753,927
Apr-01	18.799	425,763		60,552	102.3302	305,579		7,707	3,364		1,837	736,543	814	77,285	9,765	824,408
May-01	21.662	491,340		60,644	103.8623	310,711		7,720	3,689		2,014	807,755	2,427	120,934	13,326	944,442
Jun-01	35.380	803,715		60,736	147.4569	441,917		7,734	5,730		3,128	1,254,490	2,983	114,722	14,090	1,386,286
Jul-01	54.591	1,242,027		60,828	187.3122	562,363		7,748	8,300		4,532	1,817,222	14,539	101,725	18,126	1,951,611
Aug-01	72.234	1,646,317		60,936	239.2893	719,985		7,765	10,885		5,943	2,383,130	7,332	30,794	20,303	2,441,559
Sep-01	77.954	1,779,816		61,043	248.8573	750,410		7,782	11,639		6,355	2,548,219	4,203	20,012	21,703	2,594,138
Oct-01	63.559	1,453,701		61,150	235.5898	711,951		7,799	9,962		5,439	2,181,053	8,492	33,266	23,465	2,246,276
Nov-01	41.166	943,186		61,258	176.1601	533,513		7,816	6,793		3,709	1,487,201	6,433	51,003	24,642	1,569,279
Dec-01	22.801	523,336		61,365	122.1265	370,671		7,833	4,112		2,245	900,365	2,378	59,866	25,561	988,170
Jan-02	14.343	329,783		61,472	89.6054	272,554		7,850	2,771		1,513	606,621	1,693	85,859	11,711	705,884
Feb-02	14.598	336,228		61,579	90.4946	275,854		7,867	2,816		1,537	616,435	379	79,318	11,830	707,962
Mar-02	16.758	386,647		61,687	96.1668	293,777		7,884	3,130		1,709	685,263	1,230	78,811	12,369	777,672
Apr-02	19.031	439,857		61,794	102.7201	314,471		7,901	3,470		1,894	759,693	824	78,916	9,971	849,404
May-02	21.951	508,223		61,901	104.3486	320,143		7,918	3,810		2,080	834,257	2,447	123,052	13,559	973,315
Jun-02	35.668	827,245		62,008	147.9422	454,861		7,935	5,898		3,220	1,291,223	3,022	117,266	14,403	1,425,914
Jul-02	54.879	1,275,002		62,116	187.7964	578,631		7,952	8,527		4,655	1,866,815	14,902	105,180	18,741	2,005,639
Aug-02	72.521	1,687,727		62,221	239.7726	740,531		7,970	11,170		6,099	2,445,527	7,519	31,852	21,001	2,505,898
Sep-02	78.241	1,823,913		62,326	249.3396	771,902		7,989	11,941		6,519	2,614,275	4,305	20,674	22,421	2,661,675
Oct-02	63.788	1,489,503		62,431	235.9749	732,253		8,008	10,220		5,580	2,237,556	8,683	34,304	24,198	2,304,740
Nov-02	41.394	968,226		62,536	176.5445	549,126		8,027	6,980		3,811	1,528,143	6,569	52,517	25,374	1,612,602
Dec-02	23.030	539,572	Forecast	62,642	122.5100	381,952	Forecast	8,046	4,239	Forecast	2,314	928,078	2,426	61,586	26,296	1,018,385
Jan-03	14.573	342,002		62,747	89.9906	281,224		8,065	2,867		1,565	627,658	1,726	88,280	12,041	729,706
Feb-03	14.828	348,591		62,852	90.8815	284,673		8,084	2,913		1,590	637,767	387	81,560	12,164	731,878
Mar-03	16.989	400,057		62,957	96.5554	303,151		8,103	3,235		1,766	708,210	1,254	81,044	12,719	803,226
Apr-03	19.263	454,366		63,062	103.1103	324,486		8,121	3,583		1,956	784,390	840	81,157	10,254	876,641
May-03	22.243	525,508		63,168	104.8384	330,690		8,140	3,939		2,150	862,287	2,495	126,552	13,945	1,005,279
Jun-03	35.961	851,041		63,273	148.4340	469,289		8,159	6,074		3,316	1,329,720	3,082	120,607	14,813	1,468,222
Jul-03	55.173	1,307,883		63,378	188.2903	596,675		8,178	8,761		4,783	1,918,103	15,198	108,182	19,276	2,060,759
Aug-03	72.816	1,729,118		63,488	240.2685	763,135		8,197	11,464		6,259	2,509,976	7,669	32,761	21,600	2,572,007
Sep-03	78.537	1,868,207		63,599	249.8375	795,342		8,216	12,252		6,690	2,682,491	4,391	21,265	23,061	2,731,208
Oct-03	64.026	1,525,664		63,709	236.3750	754,202		8,234	10,487		5,726	2,296,079	8,855	35,285	24,889	2,365,108
Nov-03	41.634	993,797		63,819	176.9462	565,868		8,253	7,174		3,917	1,570,756	6,699	54,020	26,100	1,657,574
Dec-03	23.270	556,407		63,930	122.9133	393,965		8,272	4,372		2,387	957,131	2,474	63,350	27,049	1,050,003
Jan-04	14.813	354,805		64,040	90.3943	290,391		8,290	2,968		1,620	649,784	1,760	90,812	12,387	754,743
Feb-04	15.069	361,560		64,150	91.2855	293,917		8,309	3,015		1,646	660,138	395	83,901	12,513	756,947
Mar-04	17.230	414,123		64,261	96.9597	312,890		8,328	3,344		1,826	732,183	1,279	83,372	13,084	829,919
Apr-04	19.504	469,591		64,371	103.5149	334,796		8,347	3,700		2,020	810,108	857	83,490	10,549	905,004
May-04	22.544	543,699		64,481	105.3443	341,478		8,365	4,072		2,223	891,472	2,545	130,193	14,346	1,038,557
Jun-04	36.262	876,060		64,592	148.9403	483,878		8,384	6,256		3,415	1,369,609	3,144	124,080	15,240	1,512,072
Jul-04	55.475	1,342,502		64,702	188.7970	614,736		8,403	9,003		4,916	1,971,157	15,501	111,298	19,831	2,117,788
Aug-04	73.118	1,772,500		64,813	240.7756	785,725		8,422	11,768		6,425	2,576,418	7,822	33,706	22,223	2,640,168
Sep-04	78.839	1,914,448		64,923	250.3449	818,765		8,440	12,573		6,864	2,752,650	4,479	21,878	23,726	2,802,733
Oct-04	64.268	1,563,272		65,034	236.7814	776,119		8,459	10,761		5,875	2,356,027	9,032	36,302	25,607	2,426,969
Nov-04	41.876	1,020,328		65,144	177.3528	582,608		8,478	7,374		4,026	1,614,335	6,833	55,577	26,852	1,703,597
Dec-04	23.512	573,853		65,255	123.3202	406,003		8,496	4,507		2,461	986,824	2,523	65,174	27,828	1,082,349
Jan-05	15.054	368,039		65,366	90.7990	299,592		8,515	3,071		1,677	672,379	1,795	93,427	12,743	780,344
Feb-05	15.308	374,902		65,476	91.6881	303,189		8,534	3,119		1,703	682,913	402	86,316	12,874	782,505
Mar-05	17.468	428,518		65,587	97.3602	322,650		8,552	3,455		1,887	756,510	1,304	85,771	13,461	857,046

United Water Idaho: Monthly Water Demand Forecast, 2000 to 2050, with Tiered Rate Increases

	Residential				Commercial				Public							
	Water Use Per Customer	Predicted Water Use	Annual Average Customers	Linear Interpolation Customers	Water Use Per Customer	Predicted Water Use	Annual Average Customers	Linear Interpolation Customers	Water Use Per Customer	Annual Average Customers	Predicted "Other" Water Use	Predicted System Water Sales	Predicted Hydrant Water Used	Predicted System Water Losses	Predicted Company Water Use	Predicted System Water Production
	(100 CCF)	(1,000 Gallons)			(100 CCF)	(1,000 Gallons)			(100 CCF)		(1,000 Gallons)	(1,000 Gallons)	(1,000 Gallons)	(1,000 Gallons)	(1,000 Gallons)	(1,000 Gallons)
Apr-05	19.741	485,096		65,698	103.9134	345,119		8,571	3,819		2,085	836,119	874	85,890	10,852	933,736
May-05	22.838	562,144		65,808	105.8397	352,283		8,590	4,206		2,297	920,929	2,595	133,932	14,758	1,072,215
Jun-05	36.556	901,291		65,919	149.4331	498,463		8,608	6,439		3,515	1,409,709	3,206	127,639	15,677	1,556,231
Jul-05	55.767	1,377,251		66,029	189.2872	632,774		8,627	9,246		5,048	2,024,320	15,807	114,485	20,399	2,175,011
Aug-05	73.408	1,815,991		66,140	241.2632	808,318		8,646	12,072		6,591	2,642,971	7,975	34,668	22,857	2,708,473
Sep-05	79.128	1,960,763		66,251	250.8300	842,232		8,665	12,894		7,040	2,822,929	4,566	22,500	24,401	2,874,397
Oct-05	64.498	1,600,907		66,362	237.1675	798,117		8,685	11,036		6,025	2,416,084	9,208	37,331	26,333	2,488,956
Nov-05	42.104	1,046,821		66,473	177.7369	599,440		8,704	7,573		4,135	1,657,968	6,966	57,146	27,610	1,749,691
Dec-05	23.739	591,202		66,584	123.7022	418,120		8,723	4,643		2,535	1,016,499	2,572	67,011	28,612	1,114,695
Jan-06	15.281	381,182	Forecast	66,695	91.1802	308,871	Forecast	8,742	3,174	Forecast	1,733	694,960	1,830	96,055	13,102	805,947
Feb-06	15.535	388,170		66,806	92.0685	312,563		8,761	3,223		1,760	705,717	410	88,741	13,235	808,103
Mar-06	17.694	442,859		66,917	97.7397	332,542		8,780	3,567		1,947	780,915	1,329	88,177	13,839	884,260
Apr-06	19.967	500,567		67,028	104.2920	355,609		8,800	3,938		2,150	862,264	891	88,297	11,156	962,609
May-06	23.119	580,564		67,139	106.3118	363,285		8,819	4,342		2,370	950,561	2,646	137,681	15,171	1,106,059
Jun-06	36.836	926,537		67,250	149.9042	513,360		8,838	6,624		3,616	1,450,137	3,268	131,207	16,115	1,600,727
Jul-06	56.046	1,412,061		67,360	189.7572	651,249		8,857	9,491		5,182	2,077,983	16,112	117,680	20,969	2,232,744
Aug-06	70.793	1,786,550		67,472	236.8685	814,601		8,875	11,965		6,533	2,619,649	8,129	35,634	23,494	2,686,906
Sep-06	76.518	1,934,226		67,583	246.4450	849,267		8,893	12,804		6,991	2,803,288	4,654	23,010	24,954	2,855,906
Oct-06	62.414	1,580,302		67,695	233.6663	806,873		8,911	10,981		5,995	2,404,151	9,385	37,984	26,793	2,478,313
Nov-06	40.025	1,015,092		67,806	174.2435	602,905		8,930	7,443		4,064	1,629,504	7,099	57,911	27,980	1,722,494
Dec-06	21.665	550,350		67,918	120.2166	416,810		8,948	4,449		2,429	974,038	2,621	67,635	28,878	1,073,173
Jan-07	13.210	336,123		68,029	87.7009	304,689		8,966	2,948		1,609	645,369	1,865	96,559	13,170	756,964
Feb-07	13.468	343,250		68,141	88.5954	308,420		8,984	2,998		1,637	656,304	418	88,848	13,251	758,822
Mar-07	15.631	399,030		68,252	94.2729	328,847		9,002	3,348		1,828	733,054	1,355	87,928	13,799	836,136
Apr-07	17.907	457,887		68,364	100.8315	352,434		9,020	3,727		2,035	816,084	908	87,692	11,080	915,764
May-07	20.550	526,331		68,475	101.9952	357,219		9,038	4,064		2,219	889,833	2,695	136,185	15,006	1,043,719
Jun-07	34.272	879,183		68,587	145.5954	510,943		9,057	6,395		3,491	1,400,012	3,329	129,124	15,859	1,548,324
Jul-07	53.487	1,374,341		68,699	185.4562	652,132		9,075	9,322		5,089	2,040,884	16,414	115,225	20,531	2,193,054
Aug-07	71.132	1,830,713		68,810	237.4390	836,659		9,094	12,270		6,699	2,686,340	8,280	34,714	22,887	2,752,222
Sep-07	76.856	1,981,217		68,921	247.0125	872,199		9,112	13,126		7,166	2,873,708	4,740	22,530	24,433	2,925,411
Oct-07	62.683	1,618,468		69,033	234.1180	828,380		9,131	11,256		6,145	2,464,249	9,557	37,380	26,367	2,537,553
Nov-07	40.292	1,042,029		69,144	174.6927	619,393		9,150	7,643		4,173	1,673,238	7,229	57,222	27,646	1,765,335
Dec-07	21.931	568,075		69,255	120.6635	428,709		9,169	4,585		2,503	1,003,873	2,669	67,099	28,650	1,102,291
Jan-08	13.475	349,615		69,367	88.1468	313,824		9,188	3,052		1,666	668,157	1,899	96,182	13,119	779,356
Feb-08	13.733	356,867		69,478	89.0404	317,656		9,207	3,103		1,694	679,320	426	88,859	13,253	781,857
Mar-08	15.895	413,724		69,589	94.7170	338,600		9,226	3,461		1,889	757,675	1,379	88,296	13,857	861,207
Apr-08	18.171	473,714		69,701	101.2746	362,784		9,245	3,848		2,101	842,447	924	88,417	11,171	942,959
May-08	20.879	545,190		69,812	102.5477	368,094		9,263	4,201		2,294	919,779	2,744	137,869	15,192	1,075,584
Jun-08	34.600	904,895		69,923	146.1467	525,661		9,282	6,581		3,593	1,440,729	3,389	131,388	16,137	1,591,644
Jul-08	53.814	1,409,650		70,035	186.0064	670,389		9,301	9,568		5,224	2,094,831	16,710	117,844	20,998	2,250,383
Aug-08	71.459	1,874,888		70,148	237.9880	859,526		9,321	12,578		6,867	2,753,860	8,430	35,684	23,527	2,821,500
Sep-08	77.182	2,028,307		70,261	247.5603	895,960		9,340	13,452		7,344	2,945,063	4,826	23,158	25,114	2,998,162
Oct-08	62.943	1,656,783		70,375	234.5554	850,658		9,359	11,534		6,297	2,525,273	9,729	38,420	27,101	2,600,523
Nov-08	40.552	1,069,131		70,488	175.1292	636,455		9,379	7,846		4,284	1,717,716	7,359	58,812	28,415	1,812,301
Dec-08	22.190	585,960		70,601	121.0990	441,009		9,398	4,724		2,579	1,034,272	2,717	68,962	29,445	1,135,396
Jan-09	13.733	363,227		70,714	88.5801	323,251		9,418	3,158		1,724	691,360	1,933	98,850	13,483	805,626
Feb-09	13.989	370,594		70,828	89.4714	327,176		9,437	3,210		1,752	702,732	433	91,323	13,620	808,109
Mar-09	16.150	428,529		70,941	95.1457	348,641		9,456	3,575		1,952	782,697	1,404	90,743	14,241	889,086
Apr-09	18.425	489,657		71,054	101.7011	373,427		9,476	3,970		2,168	869,222	941	90,866	11,481	972,510
May-09	21.195	564,172		71,167	103.0778	379,258		9,495	4,340		2,369	950,139	2,793	141,686	15,613	1,110,230
Jun-09	34.914	930,825		71,281	146.6740	540,766		9,515	6,769		3,696	1,482,056	3,450	135,022	16,584	1,637,113

United Water Idaho: Monthly Water Demand Forecast, 2000 to 2050, with Tiered Rate Increases

	Residential				Commercial				Public		Predicted "Other" Water Use	Predicted System Water Sales	Predicted Hydrant Water Used	Predicted System Water Losses	Predicted Company Water Use	Predicted System Water Production
	Water Use Per Customer	Predicted Water Use	Annual Average Customers	Linear Interpolation Customers	Water Use Per Customer	Predicted Water Use	Annual Average Customers	Linear Interpolation Customers	Water Use Per Customer	Annual Average Customers						
	(100 CCF)	(1,000 Gallons)			(100 CCF)	(1,000 Gallons)			(100 CCF)		(1,000 Gallons)	(1,000 Gallons)	(1,000 Gallons)	(1,000 Gallons)	(1,000 Gallons)	(1,000 Gallons)
Jul-09	54.126	1,445,342		71,394	186.5308	689,115		9,534	9,819		5,361	2,149,636	17,010	121,100	21,578	2,309,324
Aug-09	70.618	1,888,723		71,508	236.5739	875,732		9,553	12,716		6,943	2,784,114	8,581	36,669	24,176	2,853,540
Sep-09	76.341	2,045,053		71,622	246.1475	912,980		9,572	13,607		7,429	2,979,069	4,912	23,748	25,754	3,033,482
Oct-09	62.271	1,670,784		71,735	233.4258	867,509		9,591	11,676		6,375	2,556,345	9,903	39,315	27,732	2,633,296
Nov-09	39.881	1,071,731		71,849	174.0005	647,939		9,610	7,910		4,319	1,731,899	7,491	60,081	29,028	1,828,498
Dec-09	21.519	579,200		71,963	119.9713	447,628		9,629	4,723		2,579	1,034,130	2,766	70,333	30,031	1,137,259
Jan-10	13.063	352,171		72,077	87.4547	326,947		9,648	3,124		1,706	683,947	1,968	100,648	13,728	800,291
Feb-10	13.321	359,680		72,191	88.3483	330,937		9,667	3,177		1,734	695,528	441	92,830	13,845	802,645
Mar-10	15.483	418,729		72,305	94.0249	352,892		9,686	3,549		1,938	777,108	1,429	92,088	14,452	885,077
Apr-10	17.759	481,030		72,419	100.5826	378,243		9,705	3,953		2,158	865,384	957	92,060	11,632	970,034
May-10	20.365	552,473		72,532	101.6830	383,128		9,724	4,304		2,350	942,255	2,843	143,310	15,792	1,104,200
Jun-10	34.085	926,149		72,646	145.2821	548,472		9,743	6,783		3,704	1,485,108	3,511	136,289	16,739	1,641,647
Jul-10	53.300	1,450,502		72,760	185.1417	700,312		9,762	9,894		5,402	2,166,109	17,310	121,984	21,735	2,327,138
Aug-10	70.945	1,933,713		72,874	237.1234	898,810		9,782	13,030		7,114	2,852,666	8,732	36,860	24,302	2,922,560
Sep-10	76.667	2,092,954		72,987	246.6958	937,044		9,802	13,938		7,610	3,051,545	4,998	23,920	25,940	3,106,404
Oct-10	62.531	1,709,709		73,101	233.8637	890,151		9,823	11,959		6,530	2,618,348	10,076	39,681	27,991	2,696,096
Nov-10	40.141	1,099,213	Forecast	73,214	174.4375	665,337	Forecast	9,843	8,117	Forecast	4,432	1,777,099	7,621	60,739	29,346	1,874,804
Dec-10	21.778	597,302		73,328	120.4074	460,208		9,864	4,865		2,656	1,065,030	2,814	71,219	30,409	1,169,471
Jan-11	13.322	365,952		73,441	87.8899	336,617		9,884	3,232		1,765	707,566	2,002	102,083	13,924	825,574
Feb-11	13.579	373,587		73,555	88.7826	340,738		9,904	3,286		1,794	719,405	449	94,308	14,066	828,227
Mar-11	15.741	433,735		73,669	94.4583	363,268		9,925	3,666		2,002	802,670	1,454	93,707	14,706	912,538
Apr-11	18.017	497,191		73,782	101.0151	389,282		9,945	4,078		2,226	892,777	974	93,833	11,856	999,440
May-11	20.686	571,729		73,896	102.2224	394,742		9,966	4,446		2,427	973,344	2,892	146,310	16,122	1,138,669
Jun-11	34.406	952,393		74,009	145.8203	564,253		9,986	6,977		3,809	1,527,431	3,572	139,427	17,125	1,687,555
Jul-11	53.619	1,486,530		74,123	185.6789	719,954		10,006	10,150		5,542	2,222,175	17,610	125,049	22,281	2,387,115
Aug-11	71.264	1,978,718		74,236	237.6595	923,432		10,027	13,350		7,289	2,922,788	8,883	37,863	24,964	2,994,498
Sep-11	76.986	2,140,857		74,349	247.2308	962,627		10,048	14,276		7,794	3,125,555	5,085	24,571	26,646	3,181,856
Oct-11	62.786	1,748,629		74,462	234.2909	914,144		10,069	12,249		6,688	2,681,710	10,251	40,760	28,751	2,761,472
Nov-11	40.394	1,126,722		74,575	174.8639	683,694		10,090	8,328		4,547	1,823,291	7,753	62,389	30,143	1,923,576
Dec-11	22.031	615,457		74,688	120.8329	473,420		10,111	5,009		2,735	1,096,621	2,863	73,153	31,234	1,203,870
Jan-12	13.575	379,798		74,801	88.3145	346,730		10,132	3,342		1,825	731,695	2,036	104,854	14,302	852,887
Feb-12	13.831	387,558		74,915	89.2063	350,956		10,153	3,397		1,855	743,766	456	96,867	14,447	855,536
Mar-12	15.993	448,798		75,028	94.8812	374,051		10,174	3,785		2,067	828,701	1,479	96,249	15,105	941,535
Apr-12	18.268	513,405		75,141	101.4371	400,720		10,195	4,205		2,296	920,625	991	96,378	12,177	1,030,171
May-12	20.999	591,053		75,254	102.7486	406,734		10,216	4,590		2,506	1,004,883	2,942	150,275	16,559	1,174,660
Jun-12	34.718	978,676		75,367	146.3455	580,502		10,237	7,172		3,916	1,570,266	3,634	143,203	17,589	1,734,691
Jul-12	53.931	1,522,557		75,480	186.2030	740,113		10,258	10,408		5,683	2,278,761	17,915	128,431	22,884	2,447,992
Aug-12	69.969	1,978,370		75,596	235.4838	937,848		10,278	13,415		7,324	2,936,956	9,037	38,885	25,638	3,010,516
Sep-12	75.694	2,143,529		75,713	245.0596	977,915		10,298	14,359		7,840	3,143,642	5,172	25,160	27,286	3,201,261
Oct-12	61.754	1,751,456		75,829	232.5570	929,856		10,319	12,334		6,734	2,700,380	10,427	41,616	29,356	2,781,780
Nov-12	39.365	1,118,166		75,945	173.1336	693,621		10,339	8,334		4,550	1,824,672	7,886	63,552	30,705	1,926,815
Dec-12	21.004	597,534		76,061	119.1061	478,111		10,359	4,948		2,701	1,083,294	2,912	74,345	31,744	1,192,294
Jan-13	12.550	357,565		76,177	86.5913	348,273		10,380	3,247		1,773	710,857	2,071	106,318	14,502	833,748
Feb-13	12.808	365,488		76,293	87.4866	352,564		10,400	3,303		1,803	723,158	464	97,995	14,616	836,233
Mar-13	14.972	427,877		76,410	93.1650	376,181		10,420	3,699		2,019	809,776	1,504	97,148	15,246	923,674
Apr-13	17.248	493,696		76,526	99.7245	403,453		10,441	4,127		2,253	903,528	1,008	97,054	12,263	1,013,853
May-13	19.728	565,520		76,642	100.6129	407,839		10,461	4,477		2,445	980,281	2,993	150,984	16,637	1,150,895
Jun-13	33.450	960,326		76,758	144.2141	585,716		10,481	7,112		3,883	1,557,036	3,696	143,468	17,621	1,721,821
Jul-13	52.665	1,514,287		76,874	184.0760	749,062		10,502	10,411		5,684	2,279,445	18,219	128,302	22,861	2,448,827
Aug-13	70.312	2,024,720		76,990	236.0598	962,603		10,524	13,742		7,503	3,008,567	9,190	38,736	25,540	3,082,032
Sep-13	76.036	2,192,845		77,106	245.6344	1,003,730		10,545	14,704		8,028	3,219,307	5,260	25,137	27,260	3,276,965

United Water Idaho: Monthly Water Demand Forecast, 2000 to 2050, with Tiered Rate Increases

	Residential				Commercial				Public		Predicted	Predicted	Predicted	Predicted	Predicted	Predicted
	Water Use Per Customer	Predicted Water Use	Annual Average Customers	Linear Interpolation Customers	Water Use Per Customer	Predicted Water Use	Annual Average Customers	Linear Interpolation Customers	Water Use Per Customer	Annual Average Customers	"Other" Water Use	System Water Sales	Hydrant Water Used	System Water Losses	Company Water Use	System Water Production
	(100 CCF)	(1,000 Gallons)			(100 CCF)	(1,000 Gallons)			(100 CCF)		(1,000 Gallons)	(1,000 Gallons)	(1,000 Gallons)	(1,000 Gallons)	(1,000 Gallons)	(1,000 Gallons)
Oct-13	62.027	1,791,522		77,222	233.0161	954,144		10,567	12,630		6,896	2,765,192	10,603	41,699	29,414	2,846,908
Nov-13	39.637	1,146,556		77,337	173.5917	712,288		10,589	8,551		4,668	1,872,063	8,019	63,827	30,838	1,974,746
Dec-13	21.276	616,353		77,453	119.5633	491,611		10,611	5,097		2,783	1,115,843	2,960	74,839	31,955	1,225,597
Jan-14	12.821	371,975		77,569	87.0475	358,653		10,633	3,361		1,835	735,824	2,106	107,272	14,632	859,834
Feb-14	13.079	380,026		77,685	87.9420	363,085		10,655	3,418		1,866	748,395	472	99,103	14,781	862,751
Mar-14	15.242	443,534		77,800	93.6194	387,319		10,677	3,822		2,087	836,762	1,529	98,473	15,454	952,218
Apr-14	17.518	510,530		77,916	100.1779	415,302		10,699	4,259		2,325	932,416	1,025	98,606	12,459	1,044,505
May-14	20.064	585,598		78,032	101.1783	420,308		10,721	4,627		2,526	1,013,059	3,043	153,752	16,942	1,186,796
Jun-14	33.786	987,526		78,148	144.7785	602,656		10,742	7,315		3,994	1,601,491	3,757	146,520	17,996	1,769,765
Jul-14	53.000	1,551,459		78,263	184.6392	770,147		10,764	10,679		5,831	2,338,116	18,524	131,410	23,415	2,511,465
Aug-14	70.646	2,071,058		78,379	236.6219	989,040		10,787	14,076		7,685	3,081,860	9,344	39,789	26,233	3,157,226
Sep-14	76.370	2,242,157		78,495	246.1953	1,031,207		10,809	15,057		8,221	3,296,643	5,348	25,820	28,001	3,355,811
Oct-14	62.294	1,831,595		78,611	233.4640	979,922		10,832	12,933		7,061	2,831,511	10,781	42,831	30,212	2,915,335
Nov-14	39.903	1,174,990		78,727	174.0387	732,016		10,855	8,772		4,789	1,920,568	8,153	65,558	31,674	2,025,954
Dec-14	21.541	635,240		78,843	120.0094	505,815		10,877	5,249		2,866	1,149,170	3,010	76,869	32,821	1,261,870
Jan-15	13.086	386,463		78,959	87.4927	369,528		10,900	3,478		1,899	761,368	2,141	110,181	15,028	888,719
Feb-15	13.343	394,645		79,075	88.3862	374,075		10,922	3,536		1,931	774,187	480	101,790	15,181	891,637
Mar-15	15.506	459,274		79,191	94.0627	398,922		10,945	3,948		2,155	864,299	1,555	101,141	15,873	982,868
Apr-15	17.782	527,450		79,307	100.6203	427,612		10,967	4,393		2,399	961,854	1,042	101,277	12,796	1,076,969
May-15	20.393	605,786		79,422	101.7300	433,217		10,990	4,779		2,609	1,046,392	3,094	157,916	17,401	1,224,803
Jun-15	34.113	1,014,847		79,538	145.3290	620,154		11,012	7,521		4,106	1,646,628	3,821	150,486	18,483	1,819,417
Jul-15	53.327	1,588,771		79,654	185.1886	791,863		11,035	10,951		5,979	2,397,564	18,835	134,963	24,048	2,575,409
Aug-15	69.615	2,077,092	Forecast	79,772	234.8892	1,006,458	Forecast	11,058	14,184	Forecast	7,744	3,105,479	9,500	40,863	26,942	3,182,783
Sep-15	75.341	2,251,244		79,890	244.4662	1,049,654		11,081	15,184		8,290	3,324,373	5,437	26,451	28,685	3,384,947
Oct-15	61.472	1,839,541		80,008	232.0832	998,537		11,103	13,055		7,128	2,858,261	10,961	43,770	30,875	2,943,867
Nov-15	39.083	1,171,285		80,126	172.6607	744,398		11,126	8,812		4,811	1,929,306	8,289	66,863	32,305	2,036,763
Dec-15	20.723	621,961		80,243	118.6342	512,521		11,149	5,219		2,849	1,142,549	3,060	78,246	33,409	1,257,264
Jan-16	12.269	368,779		80,361	86.1203	372,816		11,172	3,411		1,863	746,869	2,177	111,937	15,268	876,251
Feb-16	12.528	377,119		80,479	87.0167	377,466		11,195	3,471		1,895	759,951	488	103,211	15,393	879,044
Mar-16	14.693	442,910		80,597	92.6960	402,921		11,218	3,891		2,124	851,846	1,581	102,355	16,064	971,845
Apr-16	16.970	512,310		80,715	99.2564	432,315		11,240	4,345		2,372	951,342	1,059	102,293	12,925	1,067,619
May-16	19.380	585,937		80,832	100.0292	436,564		11,263	4,704		2,568	1,029,773	3,145	159,192	17,542	1,209,652
Jun-16	33.103	1,002,275		80,950	143.6317	628,131		11,286	7,500		4,095	1,642,001	3,884	151,335	18,587	1,815,808
Jul-16	52.319	1,586,402		81,068	183.4947	804,083		11,309	10,996		6,004	2,407,484	19,147	135,399	24,126	2,586,156
Aug-16	69.966	2,124,596		81,187	235.4798	1,033,971		11,332	14,529		7,933	3,181,029	9,658	40,897	26,964	3,258,547
Sep-16	75.691	2,301,796		81,305	245.0556	1,078,190		11,355	15,548		8,489	3,404,022	5,527	26,539	28,781	3,464,869
Oct-16	61.752	1,880,635		81,424	232.5538	1,025,246		11,377	13,367		7,298	2,926,546	11,142	44,025	31,054	3,012,767
Nov-16	39.363	1,200,526		81,543	173.1304	764,804		11,400	9,041		4,936	1,979,306	8,426	67,385	32,557	2,087,675
Dec-16	21.002	641,472		81,661	119.1029	527,193		11,423	5,376		2,935	1,176,976	3,111	79,012	33,736	1,292,835
Jan-17	12.548	383,805		81,780	86.5881	384,038		11,446	3,532		1,928	773,304	2,213	113,254	15,448	904,218
Feb-17	12.806	392,282		81,899	87.4835	388,785		11,469	3,593		1,962	786,621	496	104,629	15,605	907,352
Mar-17	14.970	459,221		82,017	93.1619	414,846		11,492	4,021		2,195	880,283	1,607	103,964	16,316	1,002,170
Apr-17	17.247	529,832		82,136	99.7213	444,939		11,515	4,484		2,448	981,702	1,077	104,104	13,154	1,100,036
May-17	19.725	606,862		82,255	100.6089	449,791		11,538	4,861		2,654	1,064,167	3,197	162,324	17,887	1,247,575
Jun-17	33.447	1,030,506		82,373	144.2102	645,997		11,560	7,712		4,211	1,688,425	3,948	154,688	18,999	1,866,059
Jul-17	52.663	1,624,873		82,492	184.0721	826,191		11,583	11,275		6,156	2,468,495	19,460	138,732	24,720	2,651,406
Aug-17	70.309	2,172,484		82,612	236.0559	1,061,670		11,607	14,877		8,123	3,257,153	9,815	42,004	27,694	3,336,666
Sep-17	76.034	2,352,753		82,731	245.6305	1,106,972		11,630	15,915		8,689	3,484,330	5,617	27,256	29,558	3,546,761
Oct-17	62.025	1,922,058		82,851	233.0130	1,052,235		11,654	13,682		7,470	2,995,445	11,323	45,210	31,891	3,083,868
Nov-17	39.635	1,230,008		82,970	173.5886	785,471		11,677	9,271		5,062	2,029,813	8,562	69,196	33,432	2,141,003
Dec-17	21.274	661,151		83,090	119.5602	542,089		11,701	5,535		3,022	1,211,797	3,161	81,132	34,641	1,330,731

United Water Idaho: Monthly Water Demand Forecast, 2000 to 2050, with Tiered Rate Increases

	Residential				Commercial				Public		Predicted "Other" Water Use	Predicted System Water Sales	Predicted Hydrant Water Used	Predicted System Water Losses	Predicted Company Water Use	Predicted System Water Production
	Water Use Per Customer	Predicted Water Use	Annual Average Customers	Linear Interpolation Customers	Water Use Per Customer	Predicted Water Use	Annual Average Customers	Linear Interpolation Customers	Water Use Per Customer	Annual Average Customers						
	(100 CCF)	(1,000 Gallons)			(100 CCF)	(1,000 Gallons)			(100 CCF)		(1,000 Gallons)	(1,000 Gallons)	(1,000 Gallons)	(1,000 Gallons)	(1,000 Gallons)	(1,000 Gallons)
Jan-18	12.819	398,966		83,210	87.0444	395,455		11,725	3,654		1,995	800,071	2,249	116,289	15,862	934,471
Feb-18	13.077	407,580		83,329	87.9389	400,321		11,748	3,716		2,029	813,647	504	107,432	16,023	937,606
Mar-18	15.240	475,676		83,449	93.6163	427,021		11,772	4,152		2,267	909,117	1,633	106,747	16,753	1,034,249
Apr-18	17.516	547,506		83,568	100.1749	457,850		11,795	4,625		2,525	1,012,506	1,094	106,889	13,505	1,133,994
May-18	20.062	627,971		83,688	101.1745	463,342		11,819	5,020		2,741	1,099,074	3,248	166,664	18,365	1,287,350
Jun-18	33.783	1,058,973		83,807	144.7746	664,335		11,842	7,927		4,328	1,735,564	4,011	158,820	19,507	1,917,901
Jul-18	52.998	1,663,656		83,927	184.6354	848,931		11,866	11,558		6,310	2,530,455	19,773	142,435	25,379	2,718,042
Aug-18	69.145	2,173,634		84,047	234.0998	1,078,492		11,889	14,960		8,168	3,275,253	9,973	43,123	28,432	3,356,782
Sep-18	74.872	2,357,016		84,167	243.6784	1,124,837		11,913	16,017		8,745	3,506,615	5,707	27,906	30,263	3,570,491
Oct-18	61.097	1,926,136		84,287	231.4540	1,070,514		11,936	13,785		7,526	3,017,961	11,504	46,162	32,562	3,108,189
Nov-18	38.710	1,222,083		84,407	172.0329	797,247		11,960	9,289		5,072	2,033,690	8,699	70,499	34,061	2,146,950
Dec-18	20.350	643,380		84,528	118.0077	547,953		11,983	5,480		2,992	1,199,805	3,212	82,481	35,217	1,320,715
Jan-19	11.897	376,670		84,648	85.4951	397,763		12,007	3,562		1,945	779,940	2,285	117,969	16,091	916,284
Feb-19	12.157	385,444		84,768	86.3927	402,725		12,030	3,626		1,979	793,774	512	108,749	16,219	919,254
Mar-19	14.322	454,727		84,888	92.0734	430,043		12,054	4,070		2,222	891,062	1,659	107,822	16,922	1,017,465
Apr-19	16.600	527,804		85,008	98.6351	461,588		12,077	4,551		2,485	996,428	1,111	107,733	13,612	1,118,885
May-19	18.919	602,394		85,128	99.2543	465,389		12,101	4,912		2,682	1,075,376	3,300	167,620	18,470	1,264,766
Jun-19	32.643	1,040,821		85,249	142.8583	671,141		12,124	7,875		4,300	1,724,137	4,075	159,302	19,566	1,907,079
Jul-19	51.860	1,655,897		85,369	182.7230	860,086		12,148	11,574		6,319	2,533,875	20,086	142,483	25,388	2,721,832
Aug-19	69.508	2,222,571	Forecast	85,491	234.7096	1,107,029	Forecast	12,172	15,316	Forecast	8,362	3,353,279	10,130	43,023	28,366	3,434,798
Sep-19	75.234	2,409,088		85,612	244.2870	1,154,532		12,197	16,393		8,950	3,588,962	5,797	27,917	30,275	3,652,952
Oct-19	61.387	1,968,478		85,734	231.9400	1,098,392		12,221	14,108		7,702	3,088,680	11,685	46,307	32,664	3,179,336
Nov-19	38.998	1,252,328		85,856	172.5179	818,634		12,246	9,526		5,201	2,085,690	8,836	70,876	34,243	2,199,645
Dec-19	20.638	663,684		85,978	118.4917	563,399		12,271	5,645		3,082	1,235,809	3,262	83,102	35,483	1,357,655
Jan-20	12.185	392,389		86,100	85.9781	409,625		12,295	3,689		2,014	807,718	2,320	119,115	16,247	945,400
Feb-20	12.444	401,307		86,222	86.8747	414,726		12,320	3,754		2,049	821,836	520	110,045	16,413	948,813
Mar-20	14.608	471,770		86,344	92.5544	442,722		12,344	4,207		2,297	920,996	1,685	109,345	17,161	1,049,186
Apr-20	16.886	546,093		86,466	99.1151	475,050		12,369	4,697		2,565	1,028,405	1,129	109,492	13,834	1,152,860
May-20	19.276	624,259		86,588	99.8529	479,539		12,394	5,077		2,772	1,111,648	3,351	170,726	18,813	1,304,538
Jun-20	32.998	1,070,190		86,710	143.4557	690,308		12,418	8,098		4,421	1,773,019	4,138	162,695	19,983	1,959,835
Jul-20	52.215	1,695,795		86,832	183.3192	883,880		12,443	11,867		6,479	2,598,021	20,400	145,914	25,999	2,790,333
Aug-20	69.862	2,272,126		86,954	235.3046	1,136,694		12,467	15,681		8,561	3,433,061	10,289	44,178	29,128	3,516,656
Sep-20	75.587	2,461,776		87,076	244.8807	1,185,205		12,490	16,776		9,159	3,672,917	5,888	28,666	31,088	3,738,559
Oct-20	61.669	2,011,289		87,198	232.4142	1,127,005		12,514	14,436		7,882	3,160,613	11,868	47,549	33,540	3,253,569
Nov-20	39.280	1,282,880		87,320	172.9910	840,446		12,538	9,767		5,333	2,138,426	8,974	72,774	35,160	2,255,334
Dec-20	20.919	684,178		87,443	118.9639	579,059		12,562	5,811		3,173	1,272,220	3,313	85,325	36,432	1,397,290
Jan-21	12.465	408,249		87,565	86.4493	421,589		12,585	3,817		2,084	835,739	2,357	122,299	16,681	977,075
Feb-21	12.724	417,304		87,687	87.3450	426,760		12,609	3,883		2,120	850,066	528	112,983	16,851	980,428
Mar-21	14.887	488,948		87,809	93.0237	455,361		12,633	4,344		2,372	951,024	1,712	112,261	17,618	1,082,616
Apr-21	17.164	564,515		87,931	99.5834	488,387		12,657	4,843		2,644	1,060,390	1,147	112,409	14,203	1,188,150
May-21	19.623	646,274		88,054	100.4369	493,497		12,680	5,243		2,863	1,147,876	3,408	175,269	19,313	1,345,865
Jun-21	33.345	1,099,725		88,176	144.0386	709,058		12,704	8,320		4,543	1,821,646	4,210	167,016	20,513	2,013,385
Jul-21	52.561	1,735,865		88,298	183.9008	906,978		12,728	12,157		6,638	2,661,638	20,758	149,779	26,688	2,858,863
Aug-21	69.862	2,310,470		88,421	235.3046	1,162,747		12,752	15,977		8,723	3,497,917	10,473	45,344	29,896	3,583,630
Sep-21	75.587	2,503,292		88,544	244.8807	1,212,409		12,777	17,092		9,332	3,742,125	5,995	29,401	31,885	3,809,406
Oct-21	61.669	2,045,184		88,668	232.4142	1,152,910		12,802	14,711		8,032	3,220,837	12,087	48,732	34,375	3,316,032
Nov-21	39.280	1,304,484		88,791	172.9910	859,792		12,826	9,956		5,436	2,179,667	9,142	74,541	36,014	2,299,365
Dec-21	20.919	695,692		88,914	118.9639	592,406		12,851	5,925		3,235	1,297,258	3,376	87,350	37,296	1,425,280
Jan-22	12.465	415,114		89,037	86.4493	431,320		12,876	3,894		2,126	852,454	2,402	125,135	17,068	997,058
Feb-22	12.724	424,317		89,161	87.3450	436,624		12,901	3,960		2,162	867,063	538	115,544	17,233	1,000,378
Mar-22	14.887	497,159		89,284	93.0237	465,901		12,925	4,430		2,419	969,909	1,745	114,747	18,008	1,104,410

United Water Idaho: Monthly Water Demand Forecast, 2000 to 2050, with Tiered Rate Increases

	Residential				Commercial				Public							
	Water Use Per Customer	Predicted Water Use	Annual Average Customers	Linear Interpolation Customers	Water Use Per Customer	Predicted Water Use	Annual Average Customers	Linear Interpolation Customers	Water Use Per Customer	Annual Average Customers	Predicted "Other" Water Use	Predicted System Water Sales	Predicted Hydrant Water Used	Predicted System Water Losses	Predicted Company Water Use	Predicted System Water Production
	(100 CCF)	(1,000 Gallons)			(100 CCF)	(1,000 Gallons)			(100 CCF)		(1,000 Gallons)	(1,000 Gallons)	(1,000 Gallons)	(1,000 Gallons)	(1,000 Gallons)	(1,000 Gallons)
Apr-22	17.164	573,989		89,407	99.5834	499,707		12,950	4,939		2,697	1,081,332	1,169	114,840	14,510	1,211,852
May-22	19.623	657,112		89,530	100.4369	504,951		12,975	5,345		2,919	1,170,327	3,473	178,969	19,721	1,372,490
Jun-22	33.345	1,118,154		89,653	144.0386	725,538		12,999	8,481		4,630	1,856,803	4,291	170,436	20,933	2,052,464
Jul-22	52.561	1,764,935		89,777	183.9008	928,087		13,024	12,388		6,764	2,712,174	21,158	152,752	27,218	2,913,301
Aug-22	69.862	2,349,128		89,901	235.3046	1,189,724		13,048	16,279		8,888	3,564,019	10,674	46,216	30,471	3,651,380
Sep-22	75.587	2,545,139		90,025	244.8807	1,240,452		13,073	17,414		9,508	3,812,511	6,111	29,966	32,497	3,881,086
Oct-22	61.669	2,079,342		90,149	232.4142	1,179,493		13,097	14,991		8,185	3,282,011	12,320	49,669	35,036	3,379,035
Nov-22	39.280	1,326,252		90,272	172.9910	879,555		13,121	10,147		5,540	2,221,493	9,318	75,973	36,706	2,343,491
Dec-22	20.919	707,290		90,396	118.9639	605,981		13,146	6,041		3,298	1,322,610	3,441	89,027	38,012	1,453,090
Jan-23	12.465	422,029		90,520	86.4493	441,173		13,170	3,971		2,168	869,340	2,448	127,536	17,396	1,016,720
Feb-23	12.724	431,378		90,644	87.3450	446,567		13,194	4,039		2,205	884,189	549	117,760	17,563	1,020,062
Mar-23	14.887	505,426		90,768	93.0237	476,478		13,219	4,517		2,466	988,886	1,779	116,948	18,354	1,125,967
Apr-23	17.164	583,524		90,892	99.5834	511,017		13,243	5,035		2,749	1,102,325	1,192	117,041	14,788	1,235,346
May-23	19.623	668,018		91,016	100.4369	516,344		13,267	5,448		2,975	1,192,784	3,540	182,396	20,099	1,398,819
Jun-23	33.345	1,136,697		91,140	144.0386	741,857		13,292	8,641		4,718	1,891,913	4,373	173,697	21,334	2,091,317
Jul-23	52.561	1,794,178		91,264	183.9008	948,897		13,316	12,618		6,889	2,762,583	21,563	155,670	27,738	2,967,553
Aug-23	69.862	2,388,066		91,391	235.3046	1,216,418		13,341	16,581		9,053	3,630,117	10,878	47,096	31,052	3,719,143
Sep-23	75.587	2,587,342	Forecast	91,517	244.8807	1,268,301	Forecast	13,366	17,736	Forecast	9,683	3,883,062	6,227	30,536	33,115	3,952,939
Oct-23	61.669	2,113,835		91,644	232.4142	1,205,991		13,391	15,271		8,338	3,343,434	12,554	50,610	35,699	3,442,298
Nov-23	39.280	1,348,261		91,771	172.9910	899,326		13,416	10,339		5,645	2,263,570	9,495	77,410	37,400	2,387,876
Dec-23	20.919	719,032		91,897	118.9639	619,611		13,441	6,158		3,362	1,348,163	3,506	90,708	38,730	1,481,107
Jan-24	12.465	429,038		92,024	86.4493	451,102		13,466	4,049		2,210	886,399	2,495	129,944	17,724	1,036,562
Feb-24	12.724	438,545		92,150	87.3450	456,624		13,491	4,118		2,248	901,535	559	119,983	17,895	1,039,972
Mar-24	14.887	513,826		92,277	93.0237	487,215		13,517	4,605		2,514	1,008,160	1,812	119,154	18,700	1,147,827
Apr-24	17.164	593,226		92,404	99.5834	522,539		13,542	5,133		2,802	1,123,700	1,214	119,249	15,067	1,259,231
May-24	19.623	679,129		92,530	100.4369	527,993		13,567	5,553		3,032	1,215,707	3,607	185,837	20,478	1,425,629
Jun-24	33.345	1,155,611		92,657	144.0386	758,605		13,592	8,805		4,808	1,927,828	4,456	176,974	21,736	2,130,995
Jul-24	52.561	1,824,043		92,783	183.9008	970,332		13,617	12,854		7,018	2,814,248	21,971	158,607	28,261	3,023,087
Aug-24	69.862	2,427,781		92,911	235.3046	1,243,824		13,642	16,889		9,221	3,697,715	11,084	47,986	31,638	3,788,423
Sep-24	75.587	2,630,332		93,038	244.8807	1,296,801		13,666	18,065		9,863	3,955,061	6,345	31,113	33,741	4,026,259
Oct-24	61.669	2,148,925		93,165	232.4142	1,233,020		13,691	15,557		8,494	3,405,996	12,792	51,567	36,374	3,506,729
Nov-24	39.280	1,370,623		93,293	172.9910	919,430		13,716	10,534		5,751	2,306,338	9,675	78,873	38,107	2,432,993
Dec-24	20.919	730,947		93,420	118.9639	633,426		13,741	6,276		3,427	1,374,076	3,572	92,422	39,462	1,509,532
Jan-25	12.465	436,141		93,547	86.4493	461,134		13,766	4,127		2,254	903,655	2,542	132,399	18,059	1,056,655
Feb-25	12.724	445,799		93,675	87.3450	466,752		13,791	4,198		2,292	919,041	570	122,249	18,233	1,060,092
Mar-25	14.887	522,318		93,802	93.0237	497,993		13,816	4,693		2,563	1,027,567	1,847	121,404	19,053	1,169,871
Apr-25	17.164	603,022		93,929	99.5834	534,069		13,840	5,231		2,856	1,145,177	1,237	121,499	15,351	1,283,265
May-25	19.623	690,333		94,057	100.4369	539,613		13,865	5,658		3,089	1,238,693	3,675	189,341	20,864	1,452,574
Jun-25	33.345	1,174,658		94,184	144.0386	775,257		13,890	8,970		4,897	1,963,782	4,540	180,309	22,146	2,170,776
Jul-25	52.561	1,854,081		94,311	183.9008	991,577		13,915	13,090		7,147	2,865,895	22,385	161,592	28,793	3,078,665
Aug-25	69.862	2,468,127		94,455	235.3046	1,271,439		13,945	17,202		9,392	3,766,160	11,293	48,887	32,232	3,858,571
Sep-25	75.587	2,674,440		94,598	244.8807	1,325,989		13,974	18,402		10,047	4,028,878	6,464	31,696	34,374	4,101,412
Oct-25	61.669	2,185,284		94,742	232.4142	1,261,148		14,004	15,854		8,656	3,470,941	13,033	52,535	37,057	3,573,566
Nov-25	39.280	1,394,018		94,885	172.9910	940,683		14,033	10,740		5,864	2,351,304	9,858	80,358	38,825	2,480,344
Dec-25	20.919	743,532		95,028	118.9639	648,260		14,063	6,402		3,495	1,401,690	3,640	94,167	40,207	1,539,705
Jan-26	12.465	443,715		95,172	86.4493	472,072		14,092	4,213		2,300	922,300	2,590	134,905	18,401	1,078,196
Feb-26	12.724	453,607		95,315	87.3450	477,964		14,122	4,285		2,340	938,196	581	124,568	18,579	1,081,924
Mar-26	14.887	531,544		95,459	93.0237	510,105		14,152	4,792		2,616	1,049,056	1,882	123,714	19,416	1,194,068
Apr-26	17.164	613,762		95,602	99.5834	547,217		14,181	5,341		2,916	1,169,236	1,261	123,820	15,645	1,309,961
May-26	19.623	702,730		95,746	100.4369	553,058		14,211	5,777		3,154	1,264,719	3,746	192,974	21,264	1,482,703
Jun-26	33.345	1,195,926		95,889	144.0386	794,803		14,240	9,157		5,000	2,004,885	4,628	183,787	22,573	2,215,873

United Water Idaho: Monthly Water Demand Forecast, 2000 to 2050, with Tiered Rate Increases

	Residential				Commercial				Public							
	Water Use Per Customer	Predicted Water Use	Annual Average Customers	Linear Interpolation Customers	Water Use Per Customer	Predicted Water Use	Annual Average Customers	Linear Interpolation Customers	Water Use Per Customer	Annual Average Customers	Predicted "Other" Water Use	Predicted System Water Sales	Predicted Hydrant Water Used	Predicted System Water Losses	Predicted Company Water Use	Predicted System Water Production
	(100 CCF)	(1,000 Gallons)			(100 CCF)	(1,000 Gallons)			(100 CCF)		(1,000 Gallons)	(1,000 Gallons)	(1,000 Gallons)	(1,000 Gallons)	(1,000 Gallons)	(1,000 Gallons)
Jul-26	52.561	1,887,921		96,033	183.9008	1,016,870		14,270	13,362		7,295	2,925,449	22,822	164,738	29,353	3,142,362
Aug-26	69.862	2,513,179		96,179	235.3046	1,303,882		14,300	17,558		9,587	3,844,207	11,516	49,852	32,869	3,938,444
Sep-26	75.587	2,723,263		96,325	244.8807	1,359,837		14,331	18,782		10,255	4,112,137	6,594	32,333	35,064	4,186,128
Oct-26	61.669	2,225,180		96,471	232.4142	1,293,353		14,361	16,185		8,837	3,543,556	13,299	53,606	37,813	3,648,275
Nov-26	39.280	1,419,471		96,617	172.9910	964,714		14,392	10,967		5,988	2,401,140	10,062	82,017	39,626	2,532,846
Dec-26	20.919	757,110		96,764	118.9639	664,827		14,422	6,541		3,571	1,432,048	3,716	96,127	41,044	1,572,936
Jan-27	12.465	451,818		96,910	86.4493	484,141		14,453	4,305		2,351	942,615	2,644	137,724	18,785	1,101,769
Feb-27	12.724	461,892		97,056	87.3450	490,188		14,483	4,380		2,391	958,851	593	127,178	18,968	1,105,589
Mar-27	14.887	541,253		97,202	93.0237	523,155		14,514	4,896		2,673	1,071,978	1,922	126,311	19,823	1,220,033
Apr-27	17.164	624,974		97,349	99.5834	561,222		14,544	5,457		2,979	1,194,632	1,288	126,424	15,974	1,338,317
May-27	19.623	715,569		97,495	100.4369	567,218		14,575	5,901		3,222	1,291,909	3,825	197,039	21,712	1,514,485
Jun-27	33.345	1,217,776		97,641	144.0386	815,159		14,605	9,352		5,106	2,047,393	4,725	187,663	23,049	2,262,830
Jul-27	52.561	1,922,418		97,787	183.9008	1,042,923		14,635	13,641		7,447	2,986,429	23,305	168,215	29,973	3,207,923
Aug-27	69.862	2,559,108		97,936	235.3046	1,337,305		14,667	17,923		9,786	3,924,122	11,760	50,905	33,563	4,020,350
Sep-27	75.587	2,773,038		98,086	244.8807	1,394,710		14,698	19,172		10,467	4,197,388	6,734	33,016	35,805	4,272,942
Oct-27	61.669	2,265,858		98,235	232.4142	1,326,537		14,730	16,525		9,022	3,617,942	13,581	54,739	38,612	3,724,875
Nov-27	39.280	1,445,423		98,384	172.9910	989,477		14,761	11,201		6,115	2,452,216	10,275	83,751	40,464	2,586,707
Dec-27	20.919	770,954	Forecast	98,533	118.9639	681,900	Forecast	14,793	6,683	Forecast	3,649	1,463,186	3,795	98,160	41,912	1,607,053
Jan-28	12.465	460,082		98,682	86.4493	496,579		14,824	4,401		2,403	963,464	2,700	140,638	19,183	1,125,985
Feb-28	12.724	470,341		98,831	87.3450	502,788		14,855	4,476		2,444	980,049	605	129,869	19,369	1,129,892
Mar-28	14.887	551,154		98,981	93.0237	536,609		14,887	5,004		2,732	1,095,499	1,962	128,984	20,243	1,246,688
Apr-28	17.164	636,409		99,130	99.5834	575,661		14,918	5,576		3,044	1,220,690	1,315	129,100	16,312	1,367,416
May-28	19.623	728,663		99,279	100.4369	581,818		14,950	6,028		3,291	1,319,800	3,906	201,211	22,172	1,547,089
Jun-28	33.345	1,240,063		99,428	144.0386	836,150		14,981	9,551		5,214	2,090,979	4,826	191,637	23,537	2,310,979
Jul-28	52.561	1,957,607		99,577	183.9008	1,069,791		15,013	13,926		7,603	3,048,927	23,800	171,779	30,608	3,275,115
Aug-28	69.862	2,605,960		99,729	235.3046	1,371,770		15,045	18,298		9,990	4,006,018	12,010	51,984	34,274	4,104,285
Sep-28	75.587	2,823,816		99,882	244.8807	1,430,669		15,077	19,571		10,685	4,284,741	6,877	33,716	36,564	4,361,898
Oct-28	61.669	2,307,357		100,034	232.4142	1,360,751		15,110	16,873		9,212	3,694,193	13,870	55,901	39,431	3,803,396
Nov-28	39.280	1,471,901		100,186	172.9910	1,015,007		15,142	11,440		6,246	2,504,594	10,494	85,529	41,323	2,641,940
Dec-28	20.919	785,079		100,338	118.9639	699,501		15,174	6,829		3,729	1,495,138	3,876	100,245	42,802	1,642,060
Jan-29	12.465	468,513		100,491	86.4493	509,401		15,207	4,498		2,456	984,869	2,758	143,625	19,590	1,150,842
Feb-29	12.724	478,961		100,643	87.3450	515,775		15,239	4,576		2,498	1,001,810	618	132,628	19,781	1,154,837
Mar-29	14.887	561,258		100,795	93.0237	550,475		15,272	5,114		2,792	1,119,639	2,004	131,725	20,673	1,274,041
Apr-29	17.164	648,078		100,947	99.5834	590,542		15,304	5,698		3,111	1,247,428	1,343	131,844	16,659	1,397,273
May-29	19.623	742,026		101,100	100.4369	596,863		15,336	6,159		3,363	1,348,410	3,990	205,488	22,643	1,580,531
Jun-29	33.345	1,262,809		101,252	144.0386	857,780		15,369	9,755		5,326	2,135,670	4,929	195,712	24,038	2,360,348
Jul-29	52.561	1,993,521		101,404	183.9008	1,097,475		15,401	14,219		7,763	3,112,977	24,308	175,433	31,259	3,343,977
Aug-29	69.862	2,653,772		101,559	235.3046	1,407,281		15,434	18,681		10,199	4,089,934	12,267	53,090	35,003	4,190,293
Sep-29	75.587	2,875,630		101,714	244.8807	1,467,719		15,468	19,979		10,908	4,374,236	7,024	34,434	37,342	4,453,036
Oct-29	61.669	2,349,697		101,870	232.4142	1,396,003		15,501	17,230		9,407	3,772,338	14,166	57,091	40,271	3,883,867
Nov-29	39.280	1,498,912		102,025	172.9910	1,041,312		15,534	11,685		6,380	2,558,290	10,718	87,352	42,204	2,698,564
Dec-29	20.919	799,488		102,180	118.9639	717,636		15,568	6,979		3,810	1,527,913	3,959	102,382	43,715	1,677,967
Jan-30	12.465	477,112		102,335	86.4493	522,613		15,601	4,599		2,511	1,006,834	2,817	146,688	20,008	1,176,347
Feb-30	12.724	487,753		102,490	87.3450	529,157		15,635	4,678		2,554	1,024,141	631	135,457	20,203	1,180,432
Mar-30	14.887	571,561		102,645	93.0237	564,762		15,668	5,227		2,854	1,144,404	2,047	134,535	21,114	1,302,100
Apr-30	17.164	659,975		102,801	99.5834	605,874		15,701	5,823		3,179	1,274,852	1,372	134,657	17,014	1,427,894
May-30	19.623	755,649		102,956	100.4369	612,365		15,735	6,293		3,436	1,377,743	4,075	209,873	23,126	1,614,818
Jun-30	33.345	1,285,996		103,111	144.0386	880,067		15,768	9,964		5,440	2,181,467	5,034	199,889	24,551	2,410,941
Jul-30	52.561	2,030,126		103,266	183.9008	1,126,000		15,801	14,518		7,927	3,178,572	24,828	179,178	31,926	3,414,505
Aug-30	69.862	2,702,511		103,424	235.3046	1,443,873		15,836	19,073		10,414	4,175,871	12,529	54,224	35,751	4,278,375
Sep-30	75.587	2,928,454		103,583	244.8807	1,505,896		15,870	20,398		11,137	4,465,885	7,175	35,169	38,140	4,546,368

United Water Idaho: Monthly Water Demand Forecast, 2000 to 2050, with Tiered Rate Increases

	Residential				Commercial				Public		Predicted "Other" Water Use	Predicted System Water Sales	Predicted Hydrant Water Used	Predicted System Water Losses	Predicted Company Water Use	Predicted System Water Production
	Water Use Per Customer	Predicted Water Use	Annual Average Customers	Linear Interpolation Customers	Water Use Per Customer	Predicted Water Use	Annual Average Customers	Linear Interpolation Customers	Water Use Per Customer	Annual Average Customers						
	(100 CCF)	(1,000 Gallons)			(100 CCF)	(1,000 Gallons)			(100 CCF)		(1,000 Gallons)	(1,000 Gallons)	(1,000 Gallons)	(1,000 Gallons)	(1,000 Gallons)	(1,000 Gallons)
Oct-30	61.669	2,392,869		103,741	232.4142	1,432,329		15,904	17,596		9,607	3,852,400	14,470	58,312	41,132	3,966,314
Nov-30	39.280	1,526,458		103,900	172.9910	1,068,418		15,939	11,936		6,517	2,613,330	10,948	89,220	43,106	2,756,604
Dec-30	20.919	814,183		104,058	118.9639	736,323		15,973	7,132		3,894	1,561,532	4,043	104,572	44,650	1,714,797
Jan-31	12.465	485,883		104,216	86.4493	536,227		16,008	4,702		2,567	1,029,379	2,877	149,826	20,436	1,202,518
Feb-31	12.724	496,722		104,375	87.3450	542,946		16,042	4,782		2,611	1,047,061	645	138,355	20,635	1,206,696
Mar-31	14.887	582,073		104,533	93.0237	579,484		16,076	5,343		2,917	1,169,818	2,091	137,414	21,566	1,330,889
Apr-31	17.164	672,115		104,692	99.5834	621,674		16,111	5,951		3,249	1,302,990	1,401	137,539	17,378	1,459,309
May-31	19.623	769,552		104,850	100.4369	628,340		16,145	6,430		3,511	1,407,833	4,162	214,367	23,621	1,649,984
Jun-31	33.345	1,309,661		105,008	144.0386	903,034		16,179	10,178		5,557	2,228,430	5,142	204,170	25,077	2,462,819
Jul-31	52.561	2,067,492		105,167	183.9008	1,155,395		16,214	14,825		8,094	3,245,807	25,362	183,017	32,610	3,486,796
Aug-31	69.862	2,752,257		105,328	235.3046	1,481,583		16,249	19,476		10,633	4,263,949	12,799	55,386	36,517	4,368,650
Sep-31	75.587	2,982,363		105,490	244.8807	1,545,243		16,285	20,827		11,371	4,559,804	7,329	35,923	38,958	4,642,014
Oct-31	61.669	2,436,922		105,651	232.4142	1,469,770		16,320	17,971		9,812	3,934,474	14,781	59,563	42,015	4,050,833
Nov-31	39.280	1,554,563		105,813	172.9910	1,096,359		16,356	12,194		6,658	2,669,774	11,184	91,135	44,031	2,816,124
Dec-31	20.919	829,175		105,974	118.9639	755,587		16,391	7,290		3,980	1,596,032	4,131	106,817	45,608	1,752,588
Jan-32	12.465	494,831		106,136	86.4493	550,262		16,427	4,807		2,625	1,052,525	2,939	153,044	20,875	1,229,383
Feb-32	12.724	505,870		106,297	87.3450	557,163		16,462	4,890		2,670	1,070,593	659	141,327	21,078	1,233,657
Mar-32	14.887	592,794		106,459	93.0237	594,665		16,497	5,462		2,982	1,195,903	2,136	140,367	22,029	1,360,435
Apr-32	17.164	684,496		106,620	99.5834	637,967		16,533	6,083		3,321	1,331,867	1,431	140,495	17,752	1,491,545
May-32	19.623	783,728		106,781	100.4369	644,815		16,568	6,571		3,588	1,438,702	4,252	218,975	24,129	1,686,058
Jun-32	33.345	1,333,788		106,943	144.0386	926,720		16,604	10,398		5,677	2,276,584	5,253	208,560	25,616	2,516,013
Jul-32	52.561	2,105,584	Forecast	107,104	183.9008	1,185,714	Forecast	16,639	15,140	Forecast	8,266	3,314,704	25,909	186,953	33,312	3,560,878
Aug-32	69.862	2,802,972		107,269	235.3046	1,520,475		16,676	19,888		10,858	4,354,193	13,075	56,577	37,303	4,461,147
Sep-32	75.587	3,037,325		107,434	244.8807	1,585,820		16,712	21,266		11,611	4,656,022	7,487	36,697	39,796	4,740,003
Oct-32	61.669	2,481,838		107,598	232.4142	1,508,378		16,749	18,355		10,021	4,018,592	15,101	60,845	42,919	4,137,458
Nov-32	39.280	1,583,219		107,763	172.9910	1,125,169		16,785	12,459		6,802	2,727,648	11,425	93,098	44,980	2,877,152
Dec-32	20.919	844,461		107,928	118.9639	775,449		16,822	7,452		4,068	1,631,430	4,220	109,119	46,591	1,791,361
Jan-33	12.465	503,955		108,093	86.4493	564,731		16,859	4,916		2,684	1,076,286	3,003	156,343	21,325	1,256,957
Feb-33	12.724	515,198		108,257	87.3450	571,819		16,895	5,000		2,730	1,094,748	673	144,375	21,533	1,261,328
Mar-33	14.887	603,727		108,422	93.0237	610,313		16,932	5,585		3,049	1,222,673	2,182	143,394	22,504	1,390,753
Apr-33	17.164	697,121		108,587	99.5834	654,760		16,968	6,219		3,395	1,361,495	1,462	143,526	18,135	1,524,617
May-33	19.623	798,186		108,751	100.4369	661,793		17,005	6,716		3,667	1,470,362	4,344	223,699	24,650	1,723,055
Jun-33	33.345	1,358,396		108,916	144.0386	951,130		17,041	10,624		5,800	2,325,951	5,367	213,060	26,169	2,570,547
Jul-33	52.561	2,144,437		109,081	183.9008	1,216,956		17,078	15,462		8,442	3,385,297	26,470	190,988	34,031	3,636,786
Aug-33	69.862	2,854,697		109,249	235.3046	1,560,554		17,115	20,310		11,089	4,446,650	13,358	57,799	38,108	4,555,915
Sep-33	75.587	3,093,380		109,417	244.8807	1,627,639		17,153	21,717		11,857	4,754,593	7,649	37,489	40,656	4,840,387
Oct-33	61.669	2,527,646		109,584	232.4142	1,548,171		17,191	18,749		10,236	4,104,802	15,428	62,160	43,847	4,226,237
Nov-33	39.280	1,612,444		109,752	172.9910	1,154,864		17,228	12,730		6,950	2,786,987	11,673	95,111	45,953	2,939,724
Dec-33	20.919	860,051		109,920	118.9639	795,923		17,266	7,617		4,159	1,667,750	4,311	111,479	47,599	1,831,139
Jan-34	12.465	513,259		110,088	86.4493	579,648		17,304	5,027		2,745	1,100,679	3,068	159,726	21,786	1,285,259
Feb-34	12.724	524,711		110,256	87.3450	586,929		17,341	5,114		2,792	1,119,545	688	147,498	21,999	1,289,730
Mar-34	14.887	614,875		110,424	93.0237	626,446		17,379	5,710		3,118	1,250,148	2,230	146,497	22,991	1,421,866
Apr-34	17.164	709,995		110,592	99.5834	672,075		17,417	6,358		3,471	1,391,899	1,494	146,632	18,527	1,558,552
May-34	19.623	812,928		110,760	100.4369	679,301		17,455	6,864		3,748	1,502,841	4,439	228,542	25,183	1,761,005
Jun-34	33.345	1,383,487		110,928	144.0386	976,303		17,492	10,855		5,927	2,376,571	5,484	217,674	26,735	2,626,464
Jul-34	52.561	2,184,049		111,096	183.9008	1,249,176		17,530	15,793		8,623	3,457,641	27,045	195,125	34,768	3,714,579
Aug-34	69.862	2,907,743		111,279	235.3046	1,601,885		17,569	20,744		11,326	4,541,698	13,648	59,051	38,934	4,653,332
Sep-34	75.587	3,151,200		111,462	244.8807	1,670,760		17,608	22,181		12,110	4,856,252	7,816	38,302	41,538	4,943,908
Oct-34	61.669	2,575,167		111,645	232.4142	1,589,200		17,646	19,156		10,459	4,193,982	15,764	63,510	44,799	4,318,056
Nov-34	39.280	1,642,934		111,828	172.9910	1,185,480		17,685	13,011		7,104	2,848,528	11,928	97,180	46,952	3,004,588
Dec-34	20.919	876,407		112,011	118.9639	817,030		17,724	7,790		4,253	1,705,479	4,406	113,908	48,636	1,872,429

United Water Idaho: Monthly Water Demand Forecast, 2000 to 2050, with Tiered Rate Increases

	Residential				Commercial				Public							
	Water Use Per Customer	Predicted Water Use	Annual Average Customers	Linear Interpolation Customers	Water Use Per Customer	Predicted Water Use	Annual Average Customers	Linear Interpolation Customers	Water Use Per Customer	Annual Average Customers	Predicted "Other" Water Use	Predicted System Water Sales	Predicted Hydrant Water Used	Predicted System Water Losses	Predicted Company Water Use	Predicted System Water Production
	(100 CCF)	(1,000 Gallons)			(100 CCF)	(1,000 Gallons)			(100 CCF)		(1,000 Gallons)	(1,000 Gallons)	(1,000 Gallons)	(1,000 Gallons)	(1,000 Gallons)	(1,000 Gallons)
Jan-35	12.465	523,075		112,194	86.4493	595,024		17,763	5,143		2,808	1,126,051	3,135	163,209	22,261	1,314,656
Feb-35	12.724	534,803		112,377	87.3450	602,503		17,802	5,232		2,856	1,145,394	703	150,717	22,479	1,319,293
Mar-35	14.887	626,767		112,560	93.0237	643,074		17,840	5,841		3,189	1,278,871	2,278	149,697	23,493	1,454,340
Apr-35	17.164	723,803		112,743	99.5834	689,919		17,879	6,503		3,551	1,423,776	1,527	149,838	18,932	1,594,074
May-35	19.623	828,824		112,926	100.4369	697,344		17,918	7,020		3,833	1,537,021	4,536	233,545	25,735	1,800,837
Jun-35	33.345	1,410,688		113,109	144.0386	1,002,241		17,957	11,099		6,060	2,430,089	5,604	222,446	27,321	2,685,460
Jul-35	52.561	2,227,223		113,292	183.9008	1,282,375		17,996	16,144		8,814	3,534,556	27,641	199,415	35,532	3,797,144
Aug-35	69.862	2,965,227		113,479	235.3046	1,644,476		18,036	21,205		11,577	4,642,485	13,950	60,355	39,794	4,756,584
Sep-35	75.587	3,213,502		113,665	244.8807	1,715,202		18,076	22,672		12,378	4,963,755	7,990	39,153	42,460	5,053,357
Oct-35	61.669	2,626,085		113,852	232.4142	1,631,491		18,116	19,585		10,693	4,287,854	16,117	64,928	45,799	4,414,698
Nov-35	39.280	1,675,422		114,039	172.9910	1,217,041		18,156	13,305		7,264	2,913,032	12,196	99,358	48,005	3,072,591
Dec-35	20.919	893,739		114,226	118.9639	838,791		18,196	7,970		4,351	1,744,851	4,505	116,467	49,729	1,915,551
Jan-36	12.465	533,420	Forecast	114,413	86.4493	610,879	Forecast	18,236	5,264	Forecast	2,874	1,152,437	3,206	166,880	22,762	1,345,285
Feb-36	12.724	545,381		114,599	87.3450	618,564		18,276	5,354		2,923	1,172,223	719	154,109	22,985	1,350,035
Mar-36	14.887	639,165		114,786	93.0237	660,224		18,316	5,977		3,263	1,308,630	2,330	153,067	24,022	1,488,050
Apr-36	17.164	738,122		114,973	99.5834	708,327		18,356	6,654		3,633	1,456,735	1,561	153,214	19,359	1,630,869
May-36	19.623	845,222		115,160	100.4369	715,957		18,396	7,181		3,921	1,572,281	4,638	238,810	26,315	1,842,044
Jun-36	33.345	1,438,600		115,347	144.0386	1,029,004		18,436	11,351		6,197	2,485,152	5,731	227,463	27,938	2,746,284
Jul-36	52.561	2,271,294		115,534	183.9008	1,316,633		18,476	16,504		9,011	3,613,442	28,266	203,914	36,334	3,881,957
Aug-36	69.862	3,023,913		115,724	235.3046	1,688,422		18,518	21,677		11,835	4,745,847	14,266	61,718	40,692	4,862,522
Sep-36	75.587	3,277,114		115,915	244.8807	1,761,054		18,559	23,176		12,653	5,073,997	8,171	40,037	43,419	5,165,623
Oct-36	61.669	2,678,077		116,106	232.4142	1,675,121		18,600	20,025		10,933	4,384,156	16,482	66,395	46,834	4,513,867
Nov-36	39.280	1,708,599		116,297	172.9910	1,249,598		18,642	13,608		7,430	2,979,234	12,472	101,604	49,090	3,142,400
Dec-36	20.919	911,440		116,488	118.9639	861,238		18,683	8,154		4,452	1,785,284	4,607	119,100	50,853	1,959,844
Jan-37	12.465	543,987		116,679	86.4493	627,232		18,724	5,388		2,942	1,179,549	3,279	170,654	23,277	1,376,757
Feb-37	12.724	556,186		116,870	87.3450	635,129		18,766	5,480		2,992	1,199,787	735	157,595	23,505	1,381,622
Mar-37	14.887	651,831		117,061	93.0237	677,910		18,807	6,117		3,340	1,339,198	2,383	156,530	24,566	1,522,677
Apr-37	17.164	752,751		117,252	99.5834	727,308		18,848	6,808		3,717	1,490,585	1,597	156,681	19,797	1,668,659
May-37	19.623	861,977		117,443	100.4369	735,149		18,890	7,347		4,011	1,608,484	4,744	244,214	26,910	1,884,353
Jun-37	33.345	1,467,123		117,634	144.0386	1,056,597		18,931	11,609		6,338	2,541,667	5,861	232,612	28,570	2,808,709
Jul-37	52.561	2,316,334		117,825	183.9008	1,351,950		18,972	16,874		9,213	3,694,371	28,908	208,532	37,157	3,968,967
Aug-37	69.862	3,083,882		118,019	235.3046	1,733,727		19,015	22,161		12,099	4,851,869	14,590	63,116	41,613	4,971,188
Sep-37	75.587	3,342,108		118,214	244.8807	1,808,324		19,057	23,692		12,935	5,187,059	8,356	40,944	44,403	5,280,763
Oct-37	61.669	2,731,195		118,409	232.4142	1,720,098		19,100	20,476		11,179	4,482,949	16,857	67,900	47,896	4,615,601
Nov-37	39.280	1,742,490		118,604	172.9910	1,283,161		19,142	13,918		7,599	3,047,168	12,756	103,909	50,203	3,214,036
Dec-37	20.919	929,520		118,799	118.9639	884,377		19,185	8,344		4,556	1,826,797	4,712	121,802	52,007	2,005,317
Jan-38	12.465	554,779		118,994	86.4493	644,090		19,228	5,515		3,011	1,207,395	3,353	174,526	23,805	1,409,079
Feb-38	12.724	567,221		119,189	87.3450	652,204		19,270	5,609		3,063	1,228,097	752	161,172	24,038	1,414,059
Mar-38	14.887	664,764		119,384	93.0237	696,141		19,313	6,260		3,418	1,370,584	2,437	160,084	25,124	1,558,228
Apr-38	17.164	767,688		119,578	99.5834	746,874		19,355	6,967		3,804	1,525,333	1,633	160,238	20,246	1,707,451
May-38	19.623	879,083		119,773	100.4369	754,932		19,398	7,516		4,104	1,645,635	4,852	249,760	27,522	1,927,768
Jun-38	33.345	1,496,239		119,968	144.0386	1,085,039		19,440	11,874		6,483	2,599,635	5,994	237,895	29,219	2,872,743
Jul-38	52.561	2,362,307		120,163	183.9008	1,388,354		19,483	17,253		9,420	3,777,334	29,566	213,269	38,001	4,058,170
Aug-38	69.862	3,145,094		120,362	235.3046	1,780,428		19,527	22,657		12,370	4,960,551	14,922	64,550	42,559	5,082,582
Sep-38	75.587	3,408,453		120,561	244.8807	1,857,052		19,571	24,221		13,224	5,302,951	8,547	41,875	45,412	5,398,785
Oct-38	61.669	2,785,418		120,760	232.4142	1,766,466		19,615	20,939		11,432	4,584,255	17,241	69,444	48,985	4,719,925
Nov-38	39.280	1,777,087		120,959	172.9910	1,317,763		19,659	14,236		7,773	3,116,860	13,047	106,272	51,345	3,287,524
Dec-38	20.919	947,978		121,158	118.9639	908,234		19,702	8,539		4,662	1,869,412	4,819	124,574	53,190	2,051,995
Jan-39	12.465	565,796		121,357	86.4493	661,471		19,746	5,645		3,082	1,235,995	3,430	178,499	24,347	1,442,270
Feb-39	12.724	578,487		121,556	87.3450	669,811		19,790	5,742		3,135	1,257,175	769	164,841	24,585	1,447,370
Mar-39	14.887	677,969		121,755	93.0237	714,941		19,834	6,407		3,498	1,402,815	2,493	163,729	25,696	1,594,732

United Water Idaho: Monthly Water Demand Forecast, 2000 to 2050, with Tiered Rate Increases

	Residential				Commercial				Public							
	Water Use Per Customer	Predicted Water Use	Annual Average Customers	Linear Interpolation Customers	Water Use Per Customer	Predicted Water Use	Annual Average Customers	Linear Interpolation Customers	Water Use Per Customer	Annual Average Customers	Predicted "Other" Water Use	Predicted System Water Sales	Predicted Hydrant Water Used	Predicted System Water Losses	Predicted Company Water Use	Predicted System Water Production
	(100 CCF)	(1,000 Gallons)			(100 CCF)	(1,000 Gallons)			(100 CCF)		(1,000 Gallons)	(1,000 Gallons)	(1,000 Gallons)	(1,000 Gallons)	(1,000 Gallons)	(1,000 Gallons)
Apr-39	17.164	782,938		121,954	99.5834	767,050		19,878	7,130		3,893	1,561,011	1,671	163,887	20,707	1,747,276
May-39	19.623	896,547		122,153	100.4369	775,333		19,922	7,691		4,199	1,683,770	4,963	255,449	28,148	1,972,330
Jun-39	33.345	1,525,967		122,352	144.0386	1,114,371		19,966	12,146		6,631	2,659,115	6,131	243,314	29,885	2,938,446
Jul-39	52.561	2,409,248		122,551	183.9008	1,425,899		20,010	17,642		9,632	3,862,420	30,242	218,129	38,867	4,149,658
Aug-39	69.862	3,207,601		122,754	235.3046	1,828,595		20,055	23,167		12,648	5,072,012	15,263	66,021	43,529	5,196,826
Sep-39	75.587	3,476,207		122,958	244.8807	1,907,312		20,100	24,764		13,521	5,421,804	8,742	42,830	46,448	5,519,824
Oct-39	61.669	2,840,797		123,161	232.4142	1,814,294		20,146	21,413		11,691	4,688,195	17,635	71,028	50,102	4,826,961
Nov-39	39.280	1,812,426		123,364	172.9910	1,353,456		20,191	14,563		7,951	3,188,396	13,345	108,698	52,517	3,362,956
Dec-39	20.919	966,832		123,568	118.9639	932,844		20,236	8,739		4,771	1,913,186	4,930	127,418	54,404	2,099,937
Jan-40	12.465	577,052		123,771	86.4493	679,402		20,282	5,780		3,156	1,265,389	3,508	182,575	24,903	1,476,374
Feb-40	12.724	589,996		123,974	87.3450	687,974		20,327	5,879		3,210	1,287,059	786	168,606	25,147	1,481,598
Mar-40	14.887	691,460		124,178	93.0237	734,335		20,372	6,559		3,581	1,435,935	2,550	167,469	26,283	1,632,236
Apr-40	17.164	798,521		124,381	99.5834	787,867		20,418	7,297		3,984	1,597,670	1,709	167,632	21,180	1,788,191
May-40	19.623	914,395		124,585	100.4369	796,382		20,463	7,870		4,297	1,722,943	5,076	261,287	28,792	2,018,098
Jun-40	33.345	1,556,350		124,788	144.0386	1,144,636		20,508	12,425		6,784	2,720,195	6,272	248,876	30,568	3,005,910
Jul-40	52.561	2,457,226		124,991	183.9008	1,464,639		20,553	18,041		9,850	3,949,755	30,935	223,116	39,755	4,243,562
Aug-40	69.862	3,271,142		125,186	235.3046	1,878,292		20,600	23,687		12,933	5,186,054	15,613	67,531	44,525	5,313,724
Sep-40	75.587	3,544,706	Forecast	125,380	244.8807	1,959,164	Forecast	20,647	25,318	Forecast	13,823	5,543,011	8,943	43,810	47,510	5,643,273
Oct-40	61.669	2,896,480		125,575	232.4142	1,863,632		20,694	21,897		11,955	4,793,963	18,040	72,652	51,248	4,935,903
Nov-40	39.280	1,847,764		125,770	172.9910	1,390,273		20,740	14,895		8,132	3,261,064	13,651	111,181	53,717	3,439,613
Dec-40	20.919	985,583		125,964	118.9639	958,227		20,787	8,942		4,882	1,957,634	5,042	130,327	55,647	2,148,650
Jan-41	12.465	588,184		126,159	86.4493	697,894		20,834	5,916		3,230	1,295,224	3,588	186,742	25,471	1,511,025
Feb-41	12.724	601,318		126,353	87.3450	706,705		20,880	6,017		3,285	1,317,325	804	172,453	25,721	1,516,303
Mar-41	14.887	704,658		126,548	93.0237	754,335		20,927	6,711		3,664	1,469,368	2,608	171,288	26,882	1,670,147
Apr-41	17.164	813,681		126,743	99.5834	809,330		20,974	7,466		4,076	1,634,554	1,748	171,453	21,663	1,829,418
May-41	19.623	931,661		126,937	100.4369	818,084		21,021	8,049		4,394	1,762,189	5,192	267,238	29,447	2,064,067
Jun-41	33.345	1,585,582		127,132	144.0386	1,175,838		21,067	12,703		6,935	2,781,057	6,415	254,539	31,263	3,073,274
Jul-41	52.561	2,503,130		127,326	183.9008	1,504,575		21,114	18,435		10,065	4,036,205	31,640	228,182	40,658	4,336,686
Aug-41	69.862	3,332,255		127,525	235.3046	1,929,527		21,162	24,204		13,215	5,299,201	15,968	69,059	45,532	5,429,760
Sep-41	75.587	3,610,935		127,723	244.8807	2,012,626		21,210	25,868		14,124	5,663,553	9,145	44,796	48,580	5,766,074
Oct-41	61.669	2,950,602		127,921	232.4142	1,914,506		21,258	22,379		12,219	4,899,706	18,445	74,281	52,397	5,044,830
Nov-41	39.280	1,882,292		128,120	172.9910	1,428,240		21,307	15,228		8,314	3,334,075	13,957	113,667	54,918	3,516,616
Dec-41	20.919	1,004,002		128,318	118.9639	984,405		21,355	9,147		4,994	2,002,548	5,155	133,236	56,889	2,197,827
Jan-42	12.465	599,177		128,517	86.4493	716,967		21,403	6,054		3,305	1,325,504	3,669	190,906	26,039	1,546,118
Feb-42	12.724	612,557		128,715	87.3450	726,027		21,451	6,157		3,362	1,348,103	822	176,298	26,294	1,551,517
Mar-42	14.887	717,829		128,913	93.0237	774,966		21,499	6,867		3,749	1,503,412	2,666	175,106	27,481	1,708,666
Apr-42	17.164	828,892		129,112	99.5834	831,474		21,548	7,638		4,170	1,672,174	1,787	175,274	22,146	1,871,381
May-42	19.623	949,079		129,310	100.4369	840,476		21,596	8,232		4,494	1,802,282	5,308	273,193	30,104	2,110,887
Jun-42	33.345	1,615,226		129,509	144.0386	1,208,034		21,644	12,987		7,091	2,843,337	6,558	260,211	31,960	3,142,066
Jul-42	52.561	2,549,932		129,707	183.9008	1,545,788		21,692	18,840		10,286	4,124,847	32,347	233,268	41,564	4,432,025
Aug-42	69.862	3,394,567		129,909	235.3046	1,982,395		21,742	24,734		13,504	5,415,201	16,325	70,599	46,547	5,548,671
Sep-42	75.587	3,678,465		130,112	244.8807	2,067,787		21,792	26,433		14,432	5,787,117	9,349	45,795	49,664	5,891,925
Oct-42	61.669	3,005,788		130,314	232.4142	1,966,994		21,841	22,875		12,489	5,008,146	18,858	75,939	53,566	5,156,509
Nov-42	39.280	1,917,501		130,516	172.9910	1,467,408		21,891	15,571		8,501	3,408,981	14,270	116,204	56,143	3,595,598
Dec-42	20.919	1,022,784		130,719	118.9639	1,011,409		21,941	9,357		5,109	2,048,660	5,271	136,211	58,159	2,248,300
Jan-43	12.465	610,387		130,921	86.4493	736,641		21,990	6,196		3,383	1,356,607	3,751	195,170	26,621	1,582,149
Feb-43	12.724	624,019		131,123	87.3450	745,955		22,040	6,302		3,441	1,379,716	841	180,236	26,881	1,587,674
Mar-43	14.887	731,262		131,326	93.0237	796,244		22,090	7,027		3,836	1,538,369	2,726	179,019	28,095	1,748,209
Apr-43	17.164	844,404		131,528	99.5834	854,310		22,139	7,814		4,266	1,710,795	1,827	179,191	22,641	1,914,453
May-43	19.623	966,842		131,730	100.4369	863,566		22,189	8,420		4,597	1,843,425	5,427	279,300	30,777	2,158,928
Jun-43	33.345	1,645,461		131,933	144.0386	1,241,230		22,239	13,279		7,250	2,907,219	6,705	266,028	32,674	3,212,627

United Water Idaho: Monthly Water Demand Forecast, 2000 to 2050, with Tiered Rate Increases

	Residential				Commercial				Public							
	Water Use Per Customer	Predicted Water Use	Annual Average Customers	Linear Interpolation Customers	Water Use Per Customer	Predicted Water Use	Annual Average Customers	Linear Interpolation Customers	Water Use Per Customer	Annual Average Customers	Predicted "Other" Water Use	Predicted System Water Sales	Predicted Hydrant Water Used	Predicted System Water Losses	Predicted Company Water Use	Predicted System Water Production
	(100 CCF)	(1,000 Gallons)			(100 CCF)	(1,000 Gallons)			(100 CCF)		(1,000 Gallons)	(1,000 Gallons)	(1,000 Gallons)	(1,000 Gallons)	(1,000 Gallons)	(1,000 Gallons)
Jul-43	52.561	2,597,668		132,135	183.9008	1,588,277		22,289	19,255		10,513	4,215,714	33,073	238,484	42,494	4,529,764
Aug-43	69.862	3,458,123		132,342	235.3046	2,036,906		22,340	25,277		13,801	5,534,107	16,691	72,178	47,588	5,670,565
Sep-43	75.587	3,747,345		132,548	244.8807	2,124,667		22,391	27,011		14,748	5,913,771	9,559	46,820	50,775	6,020,925
Oct-43	61.669	3,062,080		132,754	232.4142	2,021,121		22,442	23,383		12,766	5,119,350	19,282	77,639	54,765	5,271,036
Nov-43	39.280	1,953,416		132,961	172.9910	1,507,803		22,494	15,922		8,693	3,485,833	14,590	118,806	57,401	3,676,630
Dec-43	20.919	1,041,943		133,167	118.9639	1,039,262		22,545	9,574		5,227	2,096,005	5,389	139,262	59,462	2,300,118
Jan-44	12.465	621,822		133,374	86.4493	756,934		22,596	6,342		3,463	1,388,561	3,835	199,544	27,217	1,619,157
Feb-44	12.724	635,711		133,580	87.3450	766,512		22,647	6,450		3,522	1,412,195	860	184,276	27,484	1,624,814
Mar-44	14.887	744,966		133,787	93.0237	818,195		22,699	7,191		3,926	1,574,277	2,787	183,032	28,725	1,788,821
Apr-44	17.164	860,230		133,993	99.5834	877,870		22,750	7,995		4,365	1,750,460	1,868	183,209	23,148	1,958,686
May-44	19.623	984,965		134,200	100.4369	887,389		22,801	8,613		4,702	1,885,670	5,549	285,563	31,467	2,208,249
Jun-44	33.345	1,676,308		134,406	144.0386	1,275,485		22,853	13,578		7,413	2,972,784	6,856	271,996	33,407	3,285,043
Jul-44	52.561	2,646,372		134,613	183.9008	1,632,125		22,904	19,681		10,745	4,308,923	33,817	243,835	43,447	4,630,022
Aug-44	69.862	3,523,241		134,834	235.3046	2,093,158		22,957	25,835		14,106	5,656,340	17,067	73,798	48,657	5,795,862
Sep-44	75.587	3,818,214		135,055	244.8807	2,183,362		23,010	27,607		15,073	6,044,256	9,775	47,872	51,916	6,153,818
Oct-44	61.669	3,120,237		135,276	232.4142	2,076,974		23,063	23,907		13,053	5,234,171	19,717	79,385	55,997	5,389,269
Nov-44	39.280	1,990,674		135,497	172.9910	1,549,484		23,115	16,285		8,891	3,565,334	14,920	121,482	58,694	3,760,429
Dec-44	20.919	1,061,900		135,718	118.9639	1,068,000		23,168	9,798		5,349	2,145,047	5,511	142,402	60,802	2,353,763
Jan-45	12.465	633,782	Forecast	135,939	86.4493	777,872	Forecast	23,221	6,494	Forecast	3,545	1,421,693	3,922	204,046	27,831	1,657,493
Feb-45	12.724	647,989		136,160	87.3450	787,722		23,274	6,604		3,606	1,445,921	879	188,436	28,104	1,663,340
Mar-45	14.887	759,413		136,381	93.0237	840,842		23,327	7,361		4,019	1,611,635	2,851	187,166	29,374	1,831,026
Apr-45	17.164	876,982		136,602	99.5834	902,176		23,380	8,184		4,468	1,791,810	1,910	187,350	23,672	2,004,743
May-45	19.623	1,004,224		136,824	100.4369	911,967		23,433	8,814		4,813	1,929,818	5,675	292,025	32,179	2,259,697
Jun-45	33.345	1,709,216		137,045	144.0386	1,310,823		23,486	13,892		7,585	3,041,516	7,012	278,157	34,164	3,360,849
Jul-45	52.561	2,698,532		137,266	183.9008	1,677,358		23,539	20,129		10,990	4,407,010	34,587	249,369	44,433	4,735,399
Aug-45	69.862	3,592,693		137,492	235.3046	2,151,189		23,593	26,422		14,426	5,784,729	17,457	75,479	49,765	5,927,429
Sep-45	75.587	3,893,490		137,717	244.8807	2,243,914		23,648	28,232		15,414	6,181,050	9,999	48,966	53,102	6,293,118
Oct-45	61.669	3,181,760		137,943	232.4142	2,134,595		23,702	24,455		13,352	5,354,162	20,171	81,207	57,282	5,512,821
Nov-45	39.280	2,029,930		138,169	172.9910	1,592,485		23,757	16,663		9,098	3,648,176	15,264	124,278	60,044	3,847,763
Dec-45	20.919	1,082,844		138,395	118.9639	1,097,649		23,812	10,030		5,476	2,195,999	5,639	145,685	62,204	2,409,527
Jan-46	12.465	646,284		138,621	86.4493	799,474		23,866	6,650		3,631	1,456,039	4,013	208,755	28,474	1,697,280
Feb-46	12.724	660,772		138,846	87.3450	809,604		23,921	6,764		3,693	1,480,833	900	192,786	28,753	1,703,272
Mar-46	14.887	774,396		139,072	93.0237	864,208		23,975	7,538		4,115	1,650,257	2,917	191,490	30,052	1,874,716
Apr-46	17.164	894,286		139,298	99.5834	927,255		24,030	8,379		4,575	1,834,495	1,955	191,680	24,219	2,052,349
May-46	19.623	1,024,041		139,524	100.4369	937,327		24,084	9,022		4,926	1,975,316	5,807	298,777	32,923	2,312,823
Jun-46	33.345	1,742,950		139,749	144.0386	1,347,285		24,139	14,215		7,761	3,112,212	7,175	284,591	34,954	3,438,931
Jul-46	52.561	2,751,798		139,975	183.9008	1,724,032		24,194	20,589		11,241	4,507,660	35,390	255,140	45,461	4,843,650
Aug-46	69.862	3,663,616		140,206	235.3046	2,211,064		24,250	27,024		14,754	5,916,458	17,862	77,226	50,916	6,062,462
Sep-46	75.587	3,970,357		140,436	244.8807	2,306,389		24,306	28,873		15,764	6,321,383	10,231	50,100	54,332	6,436,046
Oct-46	61.669	3,244,581		140,667	232.4142	2,194,044		24,362	25,018		13,659	5,477,302	20,639	83,088	58,609	5,639,638
Nov-46	39.280	2,070,013		140,897	172.9910	1,636,850		24,419	17,052		9,310	3,733,224	15,619	127,158	61,436	3,937,437
Dec-46	20.919	1,104,227		141,128	118.9639	1,128,237		24,475	10,269		5,607	2,248,340	5,770	149,063	63,646	2,466,819
Jan-47	12.465	659,047		141,358	86.4493	821,759		24,531	6,812		3,719	1,491,337	4,106	213,595	29,134	1,738,172
Feb-47	12.724	673,823		141,589	87.3450	832,179		24,588	6,928		3,782	1,516,711	920	197,257	29,420	1,744,309
Mar-47	14.887	789,692		141,819	93.0237	888,312		24,644	7,719		4,214	1,689,937	2,984	195,932	30,750	1,919,603
Apr-47	17.164	911,952		142,050	99.5834	953,125		24,700	8,579		4,684	1,878,340	2,000	196,127	24,781	2,101,248
May-47	19.623	1,044,272		142,280	100.4369	963,485		24,757	9,236		5,042	2,022,035	5,942	305,710	33,687	2,367,373
Jun-47	33.345	1,777,386		142,511	144.0386	1,384,895		24,813	14,546		7,942	3,184,769	7,342	291,195	35,765	3,519,072
Jul-47	52.561	2,806,171		142,741	183.9008	1,772,172		24,869	21,060		11,499	4,610,902	36,214	261,062	46,517	4,954,694
Aug-47	69.862	3,736,012		142,976	235.3046	2,272,826		24,927	27,641		15,091	6,051,570	18,278	79,019	52,099	6,200,965
Sep-47	75.587	4,048,823		143,212	244.8807	2,370,836		24,985	29,530		16,123	6,465,312	10,469	51,264	55,594	6,582,639

United Water Idaho
Monthy Forecast with Tiered Rate Increases

United Water Idaho: Monthly Water Demand Forecast, 2000 to 2050, with Tiered Rate Increases

	Residential				Commercial				Public		Predicted "Other" Water Use	Predicted System Water Sales	Predicted Hydrant Water Used	Predicted System Water Losses	Predicted Company Water Use	Predicted System Water Production
	Water Use Per Customer	Predicted Water Use	Annual Average Customers	Linear Interpolation Customers	Water Use Per Customer	Predicted Water Use	Annual Average Customers	Linear Interpolation Customers	Water Use Per Customer	Annual Average Customers						
	(100 CCF)	(1,000 Gallons)			(100 CCF)	(1,000 Gallons)			(100 CCF)		(1,000 Gallons)	(1,000 Gallons)	(1,000 Gallons)	(1,000 Gallons)	(1,000 Gallons)	(1,000 Gallons)
Oct-47	61.669	3,308,710		143,447	232.4142	2,255,373		25,043	25,595		13,974	5,603,652	21,120	85,019	59,971	5,769,762
Nov-47	39.280	2,110,930		143,682	172.9910	1,682,620		25,102	17,450		9,528	3,820,528	15,983	130,114	62,864	4,029,489
Dec-47	20.919	1,126,056		143,918	118.9639	1,159,796		25,160	10,515		5,741	2,302,108	5,904	152,529	65,126	2,525,667
Jan-48	12.465	672,077		144,153	86.4493	844,753		25,218	6,977		3,810	1,527,617	4,202	218,563	29,811	1,780,194
Feb-48	12.724	687,146		144,388	87.3450	855,472		25,276	7,096		3,874	1,553,589	942	201,846	30,104	1,786,481
Mar-48	14.887	805,308		144,624	93.0237	913,185		25,334	7,905		4,316	1,730,714	3,054	200,490	31,465	1,965,724
Apr-48	17.164	929,987		144,859	99.5834	979,822		25,392	8,785		4,796	1,923,391	2,047	200,691	25,357	2,151,486
May-48	19.623	1,064,926		145,094	100.4369	990,481		25,450	9,455		5,162	2,070,025	6,081	312,825	34,471	2,423,401
Jun-48	33.345	1,812,544		145,329	144.0386	1,423,712		25,508	14,887		8,128	3,259,271	7,513	297,975	36,598	3,601,356
Jul-48	52.561	2,861,684		145,565	183.9008	1,821,861		25,566	21,544		11,763	4,716,852	37,059	267,142	47,600	5,068,653
Aug-48	69.862	3,809,925		145,805	235.3046	2,336,569		25,626	28,274		15,437	6,190,204	18,705	80,860	53,312	6,343,081
Sep-48	75.587	4,128,929		146,045	244.8807	2,437,345		25,686	30,205		16,491	6,612,970	10,714	52,458	56,890	6,733,032
Oct-48	61.669	3,374,177		146,285	232.4142	2,318,659		25,746	26,187		14,298	5,733,321	21,614	87,001	61,369	5,903,304
Nov-48	39.280	2,152,700		146,525	172.9910	1,729,846		25,806	17,860		9,751	3,910,157	16,357	133,149	64,330	4,123,993
Dec-48	20.919	1,148,340		146,766	118.9639	1,192,357		25,866	10,767		5,879	2,357,342	6,042	156,087	66,646	2,586,117
Jan-49	12.465	685,377		147,006	86.4493	868,475		25,926	7,148		3,903	1,564,903	4,300	223,663	30,507	1,823,374
Feb-49	12.724	700,746	Forecast	147,246	87.3450	879,501	Forecast	25,986	7,269	Forecast	3,969	1,591,485	964	206,557	30,807	1,829,813
Mar-49	14.887	821,247		147,486	93.0237	938,841		26,046	8,096		4,420	1,772,606	3,126	205,170	32,200	2,013,101
Apr-49	17.164	948,395		147,726	99.5834	1,007,358		26,106	8,996		4,912	1,969,661	2,095	205,377	25,949	2,203,082
May-49	19.623	1,086,006		147,966	100.4369	1,018,324		26,166	9,680		5,285	2,119,295	6,223	320,130	35,276	2,480,923
Jun-49	33.345	1,848,425		148,206	144.0386	1,463,742		26,226	15,236		8,319	3,335,722	7,689	304,934	37,453	3,685,797
Jul-49	52.561	2,918,338		148,447	183.9008	1,873,098		26,285	22,041		12,034	4,825,510	37,928	273,382	48,712	5,185,532
Aug-49	69.862	3,885,365		148,692	235.3046	2,402,307		26,347	28,923		15,791	6,332,387	19,144	82,749	54,558	6,488,837
Sep-49	75.587	4,210,700		148,937	244.8807	2,505,946		26,409	30,897		16,869	6,764,412	10,965	53,685	58,219	6,887,281
Oct-49	61.669	3,441,013		149,183	232.4142	2,383,945		26,471	26,795		14,629	5,866,382	22,121	89,035	62,804	6,040,342
Nov-49	39.280	2,195,349		149,428	172.9910	1,778,572		26,533	18,280		9,981	4,002,181	16,741	136,263	65,835	4,221,020
Dec-49	20.919	1,171,094		149,674	118.9639	1,225,956		26,595	11,026		6,020	2,414,096	6,184	159,739	68,205	2,648,224
Jan-50	12.465	698,961		149,919	86.4493	892,957		26,657	7,323		3,998	1,603,239	4,401	228,897	31,221	1,867,758
Feb-50	12.724	714,636		150,165	87.3450	904,303		26,719	7,447		4,066	1,630,453	987	211,392	31,528	1,874,359
Mar-50	14.887	837,529		150,410	93.0237	965,327		26,781	8,293		4,528	1,815,677	3,199	209,973	32,953	2,061,803
Apr-50	17.164	967,201		150,655	99.5834	1,035,787		26,842	9,214		5,031	2,017,232	2,144	210,186	26,557	2,256,119
May-50	19.623	1,107,545		150,901	100.4369	1,047,073		26,904	9,911		5,411	2,169,940	6,369	327,627	36,102	2,540,039
Jun-50	33.345	1,885,091		151,146	144.0386	1,505,082		26,966	15,595		8,514	3,414,283	7,870	312,077	38,330	3,772,559
Jul-50	52.561	2,976,236		151,392	183.9008	1,926,020		27,028	22,550		12,312	4,937,118	38,819	279,788	49,853	5,305,579
Aug-50	69.862	3,962,322		151,637	235.3046	2,470,020		27,090	29,589		16,155	6,478,086	19,594	84,689	55,837	6,638,205
Sep-50	75.587	4,293,965		151,883	244.8807	2,576,414		27,152	31,604		17,255	6,919,237	11,223	54,943	59,584	7,044,988
Oct-50	61.669	3,508,946		152,128	232.4142	2,450,824		27,214	27,415		14,968	6,002,153	22,641	91,122	64,276	6,180,192
Nov-50	39.280	2,238,619		152,374	172.9910	1,828,351		27,276	18,708		10,214	4,095,892	17,134	139,456	67,378	4,319,860
Dec-50	20.919	1,194,139		152,619	118.9639	1,260,187		27,337	11,290		6,164	2,471,780	6,329	163,481	69,802	2,711,392

United Water Idaho

Appendix A
to

Integrated Municipal Application Package ("IMAP")

Monthly Water Demand Forecast for the Years 2000 to 2050

with
1.3% Real Annual Price Increases Until 2021, and Constant Real Prices Thereafter

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United Water Idaho Water Demand Forecast: 2000 to 2050, with 1.3% Real Price increases Annually 2000 - 2021, 2022 - 2050 Constant Real Prices

Year	Residential	Commercial	Public	Subtotal	Other Water Sales	Total System Water Sales	Hydrant Water Use	System Losses	Company Water Use	Total System Water Sales, Losses & Comp. Use		September Peak Month Water		Annual Peak Day Water	
		(Gallons x 1,000)		(Gallons x 1,000)			(Gallons x 1,000)	(Gallons x 1,000)	(Gallons x 1,000)	(Gallons x 1,000)	(Avg. CFS)	(Gallons x 1,000)	(Avg. CFS)	(Gallons x 1,000)	(Avg. CFS)
2000	9,825,968	5,497,438	71,627	15,434,140	39,107	15,681,878	56,456	896,658	217,523	16,852,515	71.2	2,483,651	128.1	94,875	146.8
2001	10,116,104	5,479,266	71,739	15,706,276	39,168	15,706,276	57,452	909,142	220,551	16,893,421	71.6	2,563,320	132.2	97,919	151.5
2002	10,286,735	5,613,570	73,141	16,013,380	39,934	16,013,380	58,575	926,919	224,864	17,223,737	73.0	2,616,821	135.0	99,963	154.7
2003	10,455,123	5,762,206	74,600	16,332,658	40,730	16,332,658	59,743	932,308	229,347	17,554,056	74.4	2,671,407	137.8	102,048	157.9
2004	10,629,235	5,910,767	76,084	16,657,626	41,540	16,657,626	60,932	950,858	233,910	17,903,326	75.7	2,727,098	140.6	104,175	161.2
2005	10,802,180	6,058,657	77,560	16,980,743	42,346	16,980,743	62,114	969,302	238,448	18,250,607	77.4	2,782,637	143.5	106,297	164.5
2006	10,973,371	6,207,895	79,034	17,303,450	43,151	17,303,450	63,294	987,723	242,979	18,597,446	78.8	2,838,262	146.4	108,422	167.8
2007	11,143,030	6,350,898	80,472	17,618,337	43,936	17,618,337	64,446	1,005,698	247,401	18,935,881	80.3	2,892,900	149.2	110,509	171.0
2008	11,310,508	6,497,804	81,918	17,934,956	44,726	17,934,956	65,604	1,023,771	251,847	19,276,178	81.5	2,948,097	152.0	112,617	174.2
2009	11,478,532	6,647,628	83,380	18,255,064	45,524	18,255,064	66,775	1,042,044	256,342	19,620,225	83.2	3,004,002	154.9	114,753	177.5
2010	11,644,997	6,795,718	84,827	18,571,856	46,314	18,571,856	67,934	1,060,127	260,790	19,960,708	84.6	3,059,582	157.8	116,876	180.8
2011	11,808,290	6,952,620	86,300	18,894,328	47,118	18,894,328	69,113	1,078,535	265,319	20,307,294	86.1	3,116,200	160.7	119,039	184.2
2012	11,968,910	7,112,697	87,775	19,217,306	47,923	19,217,306	70,295	1,096,971	269,854	20,654,425	87.3	3,172,941	163.6	121,206	187.5
2013	12,131,308	7,270,058	89,246	19,539,339	48,727	19,539,339	71,473	1,115,353	274,376	21,000,541	89.0	3,229,901	166.6	123,382	190.9
2014	12,290,560	7,436,930	90,746	19,867,782	49,546	19,867,782	72,674	1,134,102	278,988	21,353,546	90.5	3,288,009	169.6	125,602	194.3
2015	12,447,536	7,608,670	92,259	20,198,836	50,371	20,198,836	73,885	1,152,999	283,637	21,709,357	92.0	3,346,597	172.6	127,840	197.8
2016	12,604,645	7,781,693	93,777	20,531,315	51,200	20,531,315	75,101	1,171,978	288,306	22,066,700	93.3	3,405,653	175.6	130,096	201.3
2017	12,760,443	7,955,055	95,291	20,862,816	52,027	20,862,816	76,314	1,190,901	292,961	22,422,991	95.1	3,464,808	178.7	132,356	204.8
2018	12,914,664	8,131,719	96,813	21,196,055	52,858	21,196,055	77,533	1,209,923	297,640	22,781,150	96.6	3,524,471	181.8	134,635	208.3
2019	13,067,074	8,308,644	98,328	21,527,731	53,685	21,527,731	78,746	1,228,856	302,297	23,137,630	98.1	3,584,146	184.8	136,914	211.8
2020	13,218,945	8,490,904	99,865	21,864,238	54,524	21,864,238	79,977	1,248,064	307,023	23,499,302	99.3	3,644,833	188.0	139,233	215.4
2021	13,442,122	8,686,734	101,793	22,286,226	55,577	22,286,226	81,520	1,272,152	312,948	23,952,847	101.5	3,713,539	191.5	141,857	219.5
2022	13,667,023	8,887,658	103,752	22,715,079	56,646	22,715,079	83,089	1,296,632	318,970	24,413,771	103.5	3,783,485	195.1	144,529	223.6
2023	13,893,749	9,087,800	105,715	23,144,982	57,718	23,144,982	84,662	1,321,172	325,007	24,875,823	105.4	3,853,597	198.7	147,207	227.8
2024	14,124,628	9,292,139	107,717	23,583,295	58,811	23,583,295	86,265	1,346,192	331,162	25,346,915	107.2	3,925,141	202.4	149,940	232.0
2025	14,360,733	9,500,478	109,762	24,030,900	59,927	24,030,900	87,902	1,371,743	337,448	25,827,992	109.5	3,998,475	206.2	152,742	236.3
2026	14,621,423	9,739,924	112,062	24,534,593	61,184	24,534,593	89,745	1,400,495	344,520	26,369,352	111.8	4,081,158	210.5	155,900	241.2
2027	14,888,637	9,989,552	114,440	25,055,111	62,482	25,055,111	91,649	1,430,207	351,830	26,928,797	114.2	4,165,885	214.9	159,137	246.2
2028	15,161,218	10,246,933	116,877	25,588,841	63,813	25,588,841	93,601	1,460,674	359,324	27,502,440	116.3	4,252,706	219.3	162,453	251.4
2029	15,439,363	10,512,145	119,377	26,136,062	65,177	26,136,062	95,603	1,491,910	367,009	28,090,583	119.1	4,341,659	223.9	165,851	256.6
2030	15,722,940	10,785,425	121,938	26,696,879	66,576	26,696,879	97,654	1,523,923	374,884	28,693,340	121.6	2,847,423	146.9	108,772	168.3
2031	16,012,332	11,067,066	124,565	27,271,973	68,010	27,271,973	99,758	1,556,751	382,959	29,311,441	124.3	4,526,117	233.4	172,898	267.5
2032	16,307,389	11,357,498	127,258	27,861,626	69,480	27,861,626	101,915	1,590,410	391,239	29,945,190	126.6	4,621,766	238.4	176,551	273.2
2033	16,608,312	11,656,835	130,020	28,466,155	70,988	28,466,155	104,126	1,624,918	399,728	30,594,927	129.7	4,719,758	243.4	180,295	279.0
2034	16,917,962	11,965,483	132,864	29,088,850	72,541	29,088,850	106,404	1,660,463	408,472	31,264,189	132.5	4,820,812	248.6	184,155	284.9
2035	17,251,188	12,283,589	135,860	29,744,813	74,177	29,744,813	108,803	1,697,907	417,684	31,969,207	135.5	4,927,640	254.1	188,236	291.2
2036	17,592,628	12,611,762	138,940	30,419,189	75,858	30,419,189	111,270	1,736,402	427,153	32,694,014	138.2	5,037,218	259.8	192,422	297.7
2037	17,941,488	12,950,107	142,101	31,111,281	77,584	31,111,281	113,801	1,775,908	436,872	33,437,862	141.7	5,149,603	265.6	196,715	304.4
2038	18,297,617	13,298,892	145,344	31,821,207	79,355	31,821,207	116,398	1,816,433	446,841	34,200,879	145.0	5,264,807	271.5	201,116	311.2
2039	18,661,286	13,658,614	148,672	32,549,743	81,171	32,549,743	119,063	1,858,019	457,071	34,983,896	148.3	5,382,958	277.6	205,629	318.2
2040	19,029,783	14,029,728	152,074	33,294,614	83,029	33,294,614	121,788	1,900,538	467,531	35,784,470	151.3	5,503,469	283.8	210,233	325.3
2041	19,386,655	14,412,378	155,476	34,039,395	84,886	34,039,395	124,512	1,943,052	477,989	36,584,948	155.1	5,623,371	290.0	214,813	332.4
2042	19,749,180	14,807,176	158,959	34,802,104	86,788	34,802,104	127,302	1,986,589	488,699	37,404,694	158.6	5,746,259	296.4	219,507	339.6
2043	20,118,943	15,214,290	162,533	35,584,506	88,739	35,584,506	130,164	2,031,251	499,686	38,245,606	162.1	5,872,227	302.9	224,319	347.1
2044	20,498,705	15,634,365	166,212	36,390,030	90,748	36,390,030	133,110	2,077,232	510,997	39,111,370	165.3	6,001,998	309.5	229,276	354.7
2045	20,901,697	16,067,740	170,059	37,232,345	92,849	37,232,345	136,191	2,125,314	522,825	40,016,675	169.6	6,138,014	316.6	234,472	362.8
2046	21,314,298	16,514,878	174,014	38,098,198	95,008	38,098,198	139,359	2,174,739	534,984	40,947,279	173.6	6,277,575	323.8	239,803	371.0
2047	21,735,489	16,976,130	178,073	38,986,916	97,224	38,986,916	142,609	2,225,469	547,463	41,902,457	177.6	6,420,720	331.1	245,271	379.5
2048	22,165,486	17,452,128	182,241	39,899,355	99,500	39,899,355	145,947	2,277,553	560,276	42,883,131	181.3	6,567,579	338.7	250,882	388.2
2049	22,604,411	17,943,109	186,519	40,835,873	101,835	40,835,873	149,373	2,331,012	573,427	43,889,685	186.0	6,718,210	346.5	256,636	397.1
2050	23,051,657	18,448,043	190,899	41,794,825	104,226	41,794,825	152,880	2,385,751	586,893	44,920,349	**190.4**	6,872,221	**354.4**	262,519	**406.2**

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United Water Idaho: Monthly Water Demand Forecast, 2000 to 2050, with 1.3% Real Price Increases 2000 - 2021, Constant Real Prices Thereafter

	Residential				Commercial				Public		Predicted "Other" Water Use	Predicted System Water Sales	Predicted Hydrant Water Used	Predicted System Water Losses	Predicted Company Water Use	Predicted System Water Production
	Water Use Per Customer	Predicted Water Use	Annual Average Customers	Linear Interpolation Customers	Water Use Per Customer	Predicted Water Use	Annual Average Customers	Linear Interpolation Customers	Predicted Water Use	Annual Average Customers						
	(100 CCF)	(1,000 Gallons)			(100 CCF)	(1,000 Gallons)			(1,000 Gallons)		(1,000 Gallons)	(1,000 Gallons)	(1,000 Gallons)	(1,000 Gallons)	(1,000 Gallons)	(1,000 Gallons)
Jan-84	15.708	206,033	35,446	35,068	88.6367	126,427	3,735	3,681		65						
Feb-84	16.741	219,974	35,446	35,131	105.8601	151,363	3,735	3,690		65						
Mar-84	16.714	220,018	35,446	35,194	82.4802	118,221	3,735	3,699		65						
Apr-84	16.868	222,440	35,446	35,257	108.1404	155,378	3,735	3,708		65						
May-84	17.259	227,999	35,446	35,320	92.4176	133,109	3,735	3,717		65						
Jun-84	26.658	352,800	35,446	35,383	128.8939	186,096	3,735	3,726		65						
Jul-84	45.708	605,980	35,446	35,446	165.7214	239,845	3,735	3,735		65						
Aug-84	73.037	970,021	35,446	35,509	235.4099	341,532	3,735	3,744		65						
Sep-84	74.122	986,184	35,446	35,572	252.5555	367,296	3,735	3,753		65						
Oct-84	58.239	776,236	35,446	35,635	235.6172	343,492	3,735	3,762		65						
Nov-84	31.638	422,433	35,446	35,698	151.2981	221,101	3,735	3,771		65						
Dec-84	21.629	289,298	35,446	35,761	126.4650	185,256	3,735	3,780		65						
Jan-85	16.202	217,091	36,203	35,825	90.6939	133,175	3,844	3,790		65						
Feb-85	16.443	220,706	36,203	35,888	103.6058	152,499	3,844	3,799		65						
Mar-85	17.129	230,330	36,203	35,951	95.9634	141,588	3,844	3,808		65						
Apr-85	17.549	236,380	36,203	36,014	107.6226	159,169	3,844	3,817		65						
May-85	23.013	310,531	36,203	36,077	103.8234	153,916	3,844	3,826		65						
Jun-85	39.888	539,181	36,203	36,140	157.8899	234,624	3,844	3,835		65						
Jul-85	61.461	832,228	36,203	36,203	199.8050	297,613	3,844	3,844		65						
Aug-85	82.680	1,120,596	36,203	36,237	259.4593	387,382	3,844	3,853		65						
Sep-85	78.918	1,070,594	36,203	36,270	260.3551	389,636	3,844	3,862		65						
Oct-85	51.608	700,754	36,203	36,304	212.4569	318,701	3,844	3,871		65						
Nov-85	27.103	368,355	36,203	36,337	131.7994	198,173	3,844	3,880		65						
Dec-85	18.975	258,129	36,203	36,371	115.1096	173,483	3,844	3,889		65						
Jan-86	15.051	204,932	36,605	36,404	84.9157	128,276	3,953	3,899		65						
Feb-86	17.922	244,254	36,605	36,438	106.7417	161,623	3,953	3,908		65						
Mar-86	17.886	243,986	36,605	36,471	93.2149	141,470	3,953	3,917		65						
Apr-86	17.224	235,170	36,605	36,505	112.0731	170,485	3,953	3,926		65						
May-86	19.629	268,256	36,605	36,538	101.2042	154,307	3,953	3,935		65						
Jun-86	34.223	468,130	36,605	36,572	145.8153	222,840	3,953	3,944		65						
Jul-86	64.716	886,046	36,605	36,605	214.5559	328,646	3,953	3,953		65						
Aug-86	86.144	1,182,095	36,605	36,688	286.0962	439,235	3,953	3,962		66						
Sep-86	85.510	1,176,040	36,605	36,771	256.0173	393,957	3,953	3,971		68						
Oct-86	60.740	837,255	36,605	36,854	248.2818	382,928	3,953	3,980		69						
Nov-86	31.139	430,203	36,605	36,937	157.9799	244,210	3,953	3,989		70						
Dec-86	18.616	257,758	36,605	37,020	122.3433	189,553	3,953	3,998		72						
Jan-87	16.175	224,470	37,601	37,103	96.0815	149,202	4,062	4,008		73						
Feb-87	17.259	240,043	37,601	37,186	110.2058	171,523	4,062	4,017		74						
Mar-87	16.283	226,979	37,601	37,269	102.8942	160,506	4,062	4,026		76						
Apr-87	16.759	234,139	37,601	37,352	117.5925	183,848	4,062	4,035		77						
May-87	29.318	410,494	37,601	37,435	127.1557	199,246	4,062	4,044		78						
Jun-87	50.176	704,098	37,601	37,518	189.3836	297,421	4,062	4,053		80						
Jul-87	63.227	889,214	37,601	37,601	215.9918	339,968	4,062	4,062		81						
Aug-87	75.565	1,065,118	37,601	37,686	265.7283	419,188	4,062	4,071		81						
Sep-87	79.592	1,124,399	37,601	37,770	262.1392	414,449	4,062	4,080		81						
Oct-87	67.613	957,304	37,601	37,855	258.1378	409,032	4,062	4,089		81						
Nov-87	48.442	687,404	37,601	37,939	202.2522	321,190	4,062	4,098		81						
Dec-87	29.165	414,781	37,601	38,024	156.8610	249,658	4,062	4,107		81						
Jan-88	17.464	248,921	38,615	38,108	100.0679	159,619	4,171	4,117	627.4	81	1,023	410,190				
Feb-88	16.716	238,792	38,615	38,193	107.9200	172,524	4,171	4,126	1,694.6	80	1,033	414,043				
Mar-88	15.518	222,162	38,615	38,277	98.0632	157,112	4,171	4,135	1,313.0	80	951	381,538				

United Water Idaho: Monthly Water Demand Forecast, 2000 to 2050, with 1.3% Real Price Increases 2000 - 2021, Constant Real Prices Thereafter

	Residential				Commercial				Public		Predicted "Other" Water Use	Predicted System Water Sales	Predicted Hydrant Water Used	Predicted System Water Losses	Predicted Company Water Use	Predicted System Water Production
	Water Use Per Customer	Predicted Water Use	Annual Average Customers	Linear Interpolation Customers	Water Use Per Customer	Predicted Water Use	Annual Average Customers	Linear Interpolation Customers	Predicted Water Use	Annual Average Customers						
	(100 CCF)	(1,000 Gallons)			(100 CCF)	(1,000 Gallons)			(1,000 Gallons)		(1,000 Gallons)	(1,000 Gallons)	(1,000 Gallons)	(1,000 Gallons)	(1,000 Gallons)	(1,000 Gallons)
Apr-88	17.174	246,416	38,615	38,362	109.6033	175,986	4,171	4,144	1,970.1	80	1,061	425,433				
May-88	21.057	302,790	38,615	38,446	111.5123	179,444	4,171	4,153	3,151.0	80	1,213	486,598				
Jun-88	37.692	543,193	38,615	38,531	158.6820	255,907	4,171	4,162	7,134.7	80	2,016	808,251				
Jul-88	63.006	910,001	38,615	38,615	228.2162	368,849	4,171	4,171	17,000.0	80	3,240	1,299,089				
Aug-88	79.526	1,147,426	38,615	38,576	268.8250	443,405	4,171	4,257	19,737.8	79	4,026	1,614,596				
Sep-88	83.463	1,203,006	38,615	38,536	291.0689	489,757	4,171	4,342	28,757.4	77	4,304	1,725,824				
Oct-88	69.875	1,006,124	38,615	38,497	273.1089	468,603	4,171	4,428	13,898.5	76	3,722	1,492,347				
Nov-88	43.125	620,321	38,615	38,458	200.7121	351,046	4,171	4,514	9,880.0	74	2,453	983,701				
Dec-88	25.876	371,830	38,615	38,418	147.8273	263,458	4,171	4,599	5,723.1	73	1,603	642,613				
Jan-89	15.665	224,867	38,143	38,379	90.2090	163,765	5,199	4,685	1,805.4	72	976	391,413	1,152	57,464	7,838	456,715
Feb-89	13.940	199,900	38,143	38,340	89.0863	164,684	5,199	4,771	4,054.8	70	922	369,560	257	52,928	7,894	430,383
Mar-89	18.721	268,187	38,143	38,300	101.2647	190,558	5,199	4,856	12,350.2	69	1,178	472,273	831	52,306	8,209	532,789
Apr-89	18.590	266,027	38,143	38,261	98.9521	189,491	5,199	4,942	4,221.2	67	1,149	460,889	561	52,753	6,665	520,307
May-89	21.845	312,298	38,143	38,222	98.0122	190,945	5,199	5,028	4,923.5	66	1,270	509,437	1,670	82,409	9,081	600,927
Jun-89	40.151	573,398	38,143	38,182	147.3735	292,001	5,199	5,113	7,752.0	64	2,183	875,334	2,065	78,571	9,650	963,556
Jul-89	65.929	940,574	38,143	38,143	20.6823	41,666	5,199	5,199	24,687.5	63	2,517	1,009,445	10,232	70,751	12,607	1,092,802
Aug-89	81.520	1,166,145	38,143	38,246	250.5424	507,323	5,199	5,226	15,943.8	64	4,224	1,693,635	5,013	20,789	13,707	1,728,131
Sep-89	79.512	1,140,491	38,143	38,350	252.7390	514,382	5,199	5,252	28,851.9	64	4,209	1,687,935	2,883	13,542	14,686	1,716,163
Oct-89	57.668	829,403	38,143	38,453	215.4538	440,725	5,199	5,279	16,929.9	65	3,218	1,290,275	5,775	22,300	15,730	1,328,304
Nov-89	33.798	487,399	38,143	38,556	160.4721	329,914	5,199	5,306	6,792.5	65	2,060	826,166	4,273	33,372	16,124	875,661
Dec-89	21.291	307,864	38,143	38,659	119.6947	247,317	5,199	5,332	4,030.4	66	1,398	560,610	1,551	38,445	16,415	615,469
Jan-90	16.665	241,617	39,382	38,763	109.4391	227,257	5,519	5,359	1,460.8	66	1,176	471,510	1,094	54,574	7,444	533,529
Feb-90	16.208	235,605	39,382	38,866	96.7724	201,954	5,519	5,386	4,352.7	67	1,105	443,017	247	50,753	7,570	501,339
Mar-90	15.141	220,688	39,382	38,969	100.9620	211,741	5,519	5,412	1,259.6	67	1,084	434,772	806	50,728	7,961	493,461
Apr-90	17.107	249,996	39,382	39,072	98.8759	208,387	5,519	5,439	4,657.5	68	1,158	464,199	537	50,543	6,386	521,128
May-90	26.669	390,775	39,382	39,176	132.7668	281,186	5,519	5,466	6,375.5	68	1,696	680,032	1,595	78,722	8,675	767,429
Jun-90	35.640	523,600	39,382	39,279	150.0826	319,410	5,519	5,492	7,017.1	69	2,125	852,152	2,001	76,142	9,352	937,646
Jul-90	47.201	695,261	39,382	39,382	182.4365	390,152	5,519	5,519	14,138.3	69	2,749	1,102,300	9,832	67,987	12,114	1,182,401
Aug-90	68.574	1,014,311	39,382	39,547	222.3632	477,160	5,519	5,538	22,891.3	71	3,786	1,518,149	4,994	20,709	13,654	1,552,511
Sep-90	80.150	1,190,456	39,382	39,711	269.9044	581,147	5,519	5,557	23,852.6	74	4,489	1,799,944	2,803	13,166	14,278	1,827,388
Oct-90	62.336	929,713	39,382	39,876	242.9195	524,817	5,519	5,576	30,794.1	76	3,713	1,489,037	5,695	21,993	15,514	1,526,544
Nov-90	41.742	625,121	39,382	40,040	193.3900	419,222	5,519	5,594	14,273.5	78	2,647	1,061,262	4,378	34,192	16,520	1,111,975
Dec-90	22.669	340,887	39,382	40,205	126.2988	274,706	5,519	5,613	14,798.1	81	1,576	631,968	1,649	40,880	17,455	690,302
Jan-91	14.169	213,934	41,356	40,369	103.5525	225,988	5,745	5,632	1,982.2	83	1,105	443,009	1,180	58,885	8,032	509,925
Feb-91	16.194	245,504	41,356	40,534	91.8025	201,015	5,745	5,651	3,176.3	85	1,124	450,820	264	54,191	8,082	513,093
Mar-91	18.418	280,359	41,356	40,698	120.4548	264,632	5,745	5,670	1,826.4	88	1,367	548,185	855	53,816	8,446	610,448
Apr-91	16.712	255,417	41,356	40,863	96.8107	213,394	5,745	5,689	3,700.8	90	1,181	473,693	578	54,375	6,870	534,939
May-91	19.749	303,053	41,356	41,027	115.8445	256,195	5,745	5,707	8,025.1	92	1,418	568,691	1,717	84,736	9,337	662,764
Jun-91	27.987	431,189	41,356	41,192	128.4176	284,938	5,745	5,726	9,757.3	95	1,815	727,698	2,098	79,806	9,802	817,306
Jul-91	48.430	749,124	41,356	41,356	191.0342	425,268	5,745	5,745	22,765.9	97	2,993	1,200,151	10,211	70,605	12,581	1,283,337
Aug-91	70.787	1,098,423	41,356	41,487	221.3834	493,716	5,745	5,755	31,091.8	92	4,058	1,627,288	5,187	21,509	14,181	1,662,978
Sep-91	80.713	1,256,414	41,356	41,619	274.6295	613,562	5,745	5,766	27,314.0	88	4,743	1,902,033	2,990	14,046	15,233	1,931,312
Oct-91	68.226	1,065,395	41,356	41,750	238.8401	534,559	5,745	5,776	36,051.6	83	4,090	1,640,096	6,066	23,427	16,525	1,680,048
Nov-91	47.769	748,286	41,356	41,881	188.6743	423,036	5,745	5,786	16,648.5	79	2,970	1,190,941	4,638	36,226	17,503	1,244,669
Dec-91	26.976	423,902	41,356	42,013	134.7143	302,589	5,745	5,797	10,281.7	74	1,842	738,615	1,729	42,863	18,301	799,780
Jan-92	16.863	265,804	42,932	42,144	87.8555	197,689	5,869	5,807	1,918.2	70	1,164	466,575	1,241	61,912	8,445	536,932
Feb-92	15.888	251,229	42,932	42,275	92.9099	209,434	5,869	5,817	3,107.3	65	1,159	464,929	278	57,243	8,537	530,709
Mar-92	14.773	234,322	42,932	42,407	96.3925	217,670	5,869	5,828	702.1	60	1,132	453,827	903	56,876	8,926	519,629
Apr-92	18.221	289,908	42,932	42,538	97.0221	219,481	5,869	5,838	2,951.7	56	1,281	513,621	600	56,411	7,128	577,160
May-92	30.395	485,090	42,932	42,669	120.5836	273,264	5,869	5,848	4,531.7	51	1,907	764,793	1,786	88,140	9,712	862,645
Jun-92	49.817	797,500	42,932	42,801	176.5880	400,887	5,869	5,859	10,171.5	47	3,021	1,211,579	2,242	85,287	10,475	1,307,342

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	Residential				Commercial				Public		Predicted "Other" Water Use	Predicted System Water Sales	Predicted Hydrant Water Used	Predicted System Water Losses	Predicted Company Water Use	Predicted System Water Production
	Water Use Per Customer	Predicted Water Use	Annual Average Customers	Linear Interpolation Customers	Water Use Per Customer	Predicted Water Use	Annual Average Customers	Linear Interpolation Customers	Predicted Water Use	Annual Average Customers						
	(100 CCF)	(1,000 Gallons)			(100 CCF)	(1,000 Gallons)			(1,000 Gallons)		(1,000 Gallons)	(1,000 Gallons)	(1,000 Gallons)	(1,000 Gallons)	(1,000 Gallons)	(1,000 Gallons)
Jul-92	62.754	1,007,684	42,932	42,932	211.3836	480,725	5,869	5,869	11,794.2	42	3,751	1,503,954	11,495	79,482	14,162	1,597,598
Aug-92	66.504	1,070,890	42,932	43,052	232.6699	531,230	5,869	5,892	19,661.1	47	4,054	1,625,836	5,931	24,595	16,216	1,666,646
Sep-92	74.928	1,209,894	42,932	43,172	224.0698	513,613	5,869	5,916	20,535.2	52	4,360	1,748,403	3,385	15,900	17,244	1,781,547
Oct-92	63.615	1,030,072	42,932	43,292	228.1913	525,116	5,869	5,939	24,913.0	57	3,950	1,584,052	6,721	25,953	18,307	1,628,311
Nov-92	43.774	710,760	42,932	43,412	165.2219	381,699	5,869	5,962	22,954.6	62	2,789	1,118,202	5,047	39,414	19,043	1,176,659
Dec-92	24.530	399,400	42,932	43,532	119.4024	276,922	5,869	5,985	10,452.0	67	1,717	688,490	1,849	45,831	19,569	753,891
Jan-93	15.769	257,457	44,372	43,652	80.9038	188,363	6,148	6,009	2,160.0	72	1,120	449,100	1,309	65,317	8,909	523,326
Feb-93	15.369	251,621	44,372	43,772	85.4175	199,642	6,148	6,032	2,695.0	77	1,135	455,093	293	60,180	8,976	524,249
Mar-93	16.077	263,924	44,372	43,892	82.0282	192,459	6,148	6,055	1,275.6	82	1,144	458,803	948	59,674	9,365	527,842
Apr-93	16.669	274,396	44,372	44,012	92.9474	218,916	6,148	6,078	3,915.0	87	1,243	498,470	635	59,698	7,543	565,711
May-93	16.287	268,848	44,372	44,132	80.3325	189,928	6,148	6,102	2,158.9	92	1,152	462,088	1,881	92,835	10,230	565,152
Jun-93	28.721	475,374	44,372	44,252	120.4135	285,776	6,148	6,125	8,165.2	97	1,923	771,238	2,264	86,115	10,577	867,931
Jul-93	49.704	824,908	44,372	44,372	162.0994	386,168	6,148	6,148	24,079.3	102	3,088	1,238,244	10,729	74,189	13,219	1,325,652
Aug-93	66.079	1,100,098	44,372	44,511	227.0997	542,888	6,148	6,169	39,754.1	102	4,207	1,686,947	5,275	21,874	14,422	1,723,243
Sep-93	67.367	1,125,049	44,372	44,650	208.9156	501,139	6,148	6,191	32,521.8	102	4,147	1,662,856	3,028	14,221	15,422	1,692,500
Oct-93	57.826	968,728	44,372	44,789	207.3119	498,999	6,148	6,212	42,470.0	102	3,775	1,513,972	6,039	23,321	16,450	1,553,743
Nov-93	44.132	741,617	44,372	44,928	171.5715	414,385	6,148	6,233	17,766.5	102	2,934	1,176,703	4,527	35,354	17,081	1,229,138
Dec-93	24.064	405,627	44,372	45,067	125.2974	303,654	6,148	6,254	13,064.6	102	1,806	724,151	1,677	41,575	17,752	783,478
Jan-94	18.577	314,101	46,041	45,207	89.8514	218,492	6,403	6,276	1,090.6	102	1,334	535,017	1,196	59,688	8,141	602,846
Feb-94	17.755	301,136	46,041	45,346	100.8080	245,965	6,403	6,297	5,017.4	102	1,380	553,498	270	55,500	8,278	617,275
Mar-94	14.441	245,675	46,041	45,485	73.7469	180,545	6,403	6,318	1,162.8	102	1,068	428,451	882	55,562	8,720	492,732
Apr-94	18.383	313,703	46,041	45,624	98.8399	242,790	6,403	6,339	7,064.6	102	1,409	564,967	589	55,412	7,001	627,380
May-94	25.790	441,441	46,041	45,763	103.6895	255,557	6,403	6,361	6,977.7	102	1,760	705,736	1,759	86,787	9,563	802,086
Jun-94	37.661	646,590	46,041	45,902	149.7995	370,435	6,403	6,382	19,138.6	102	2,590	1,038,754	2,217	84,348	10,360	1,133,461
Jul-94	55.983	964,052	46,041	46,041	180.5084	447,860	6,403	6,403	21,195.1	102	3,583	1,436,690	11,169	77,229	13,761	1,527,680
Aug-94	74.696	1,288,715	46,041	46,127	237.2868	590,151	6,403	6,418	38,746.9	97	4,794	1,922,407	5,717	23,707	15,630	1,961,744
Sep-94	81.861	1,414,985	46,041	46,214	245.4863	612,010	6,403	6,434	37,507.4	93	5,161	2,069,664	3,327	15,628	16,948	2,102,240
Oct-94	69.886	1,210,252	46,041	46,300	243.9075	609,531	6,403	6,449	44,187.7	88	4,660	1,868,631	6,910	26,683	18,822	1,914,136
Nov-94	53.553	929,140	46,041	46,387	200.1983	501,497	6,403	6,465	26,337.0	83	3,642	1,460,616	5,358	41,848	20,219	1,522,683
Dec-94	23.899	415,407	46,041	46,473	128.5510	322,788	6,403	6,480	9,413.3	79	1,869	749,478	2,018	50,019	21,357	820,853
Jan-95	15.958	277,891	47,078	46,560	100.4300	252,777	6,588	6,496	371.6	74	1,328	532,367	1,437	71,715	9,782	613,864
Feb-95	16.532	288,427	47,078	46,646	95.1121	239,960	6,588	6,511	1,313.6	69	1,324	531,025	322	66,158	9,867	607,050
Mar-95	14.137	247,097	47,078	46,732	79.5119	201,077	6,588	6,526	235.2	65	1,121	449,530	1,041	65,543	10,286	525,360
Apr-95	14.824	259,591	47,078	46,819	88.3642	223,992	6,588	6,542	1,110.5	60	1,212	485,905	698	65,647	8,295	559,846
May-95	18.209	319,454	47,078	46,905	92.8450	235,905	6,588	6,557	2,101.4	55	1,394	558,854	2,059	101,607	11,196	671,657
Jun-95	25.164	442,284	47,078	46,992	117.0580	298,125	6,588	6,573	3,349.2	51	1,859	745,618	2,513	95,598	11,742	852,958
Jul-95	46.538	819,458	47,078	47,078	168.0146	428,906	6,588	6,588	8,694.0	46	3,143	1,260,200	12,096	83,636	14,903	1,358,739
Aug-95	65.904	1,163,287	47,078	47,193	229.4681	586,592	6,588	6,597	17,922.0	45	4,420	1,772,220	6,005	24,902	16,419	1,813,541
Sep-95	68.914	1,219,386	47,078	47,308	232.9528	596,319	6,588	6,606	14,218.2	44	4,575	1,834,498	3,387	15,910	17,254	1,867,661
Oct-95	61.447	1,089,893	47,078	47,422	236.5494	606,359	6,588	6,615	19,704.8	44	4,290	1,720,246	6,680	25,796	18,196	1,764,239
Nov-95	42.647	758,274	47,078	47,537	191.6514	491,944	6,588	6,624	6,617.9	43	3,142	1,259,978	4,978	38,879	18,784	1,317,641
Dec-95	24.138	430,217	47,078	47,652	126.3365	324,734	6,588	6,633	6,623.6	42	1,904	763,478	1,805	44,725	19,096	827,299
Jan-96	16.884	301,644	48,455	47,767	116.5205	299,913	6,697	6,643	2,337.0	41	1,510	605,404	1,284	64,078	8,740	678,222
Feb-96	15.930	285,291	48,455	47,881	90.1354	232,317	6,697	6,652	3,928.3	40	1,304	522,841	289	59,486	8,872	591,199
Mar-96	15.233	273,450	48,455	47,996	106.4416	274,720	6,697	6,661	729.5	39	1,372	550,272	937	58,993	9,258	618,523
Apr-96	15.910	286,290	48,455	48,111	92.9991	240,353	6,697	6,670	2,230.7	39	1,322	530,196	632	59,489	7,516	597,202
May-96	18.232	328,852	48,455	48,226	111.4728	288,490	6,697	6,679	1,047.3	38	1,546	619,936	1,884	92,965	10,244	723,145
Jun-96	28.034	506,871	48,455	48,340	126.5185	327,874	6,697	6,688	3,289.4	37	2,095	840,129	2,337	88,894	10,918	939,941
Jul-96	49.502	897,153	48,455	48,455	184.3081	478,284	6,697	6,697	12,600.8	36	3,470	1,391,508	11,594	80,167	14,284	1,485,960
Aug-96	70.171	1,275,174	48,455	48,586	232.0510	602,943	6,697	6,706	13,349.4	36	4,729	1,896,195	5,899	24,462	16,128	1,936,784
Sep-96	78.560	1,431,474	48,455	48,717	270.6338	704,085	6,697	6,714	17,467.0	35	5,383	2,158,409	3,401	15,974	17,324	2,191,706

United Water Idaho: Monthly Water Demand Forecast, 2000 to 2050, with 1.3% Real Price Increases 2000 - 2021, Constant Real Prices Thereafter

	Residential				Commercial				Public							
	Water Use Per Customer	Predicted Water Use	Annual Average Customers	Linear Interpolation Customers	Water Use Per Customer	Predicted Water Use	Annual Average Customers	Linear Interpolation Customers	Predicted Water Use	Annual Average Customers	Predicted "Other" Water Use	Predicted System Water Sales	Predicted Hydrant Water Used	Predicted System Water Losses	Predicted Company Water Use	Predicted System Water Production
	(100 CCF)	(1,000 Gallons)			(100 CCF)	(1,000 Gallons)			(1,000 Gallons)		(1,000 Gallons)	(1,000 Gallons)	(1,000 Gallons)	(1,000 Gallons)	(1,000 Gallons)	(1,000 Gallons)
Oct-96	63.683	1,163,516	48,455	48,848	239.9612	625,077	6,697	6,723	15,588.4	35	4,510	1,808,691	7,013	27,080	19,102	1,854,873
Nov-96	40.800	747,439	48,455	48,979	198.1858	516,908	6,697	6,731	13,344.4	35	3,194	1,280,886	5,326	41,599	20,098	1,342,583
Dec-96	23.564	432,831	48,455	49,110	120.6413	315,054	6,697	6,740	3,836.8	34	1,879	753,602	1,966	48,739	20,810	823,151
Jan-97	15.392	283,491	50,028	49,242	107.7916	281,852	6,799	6,748	898.2	34	1,416	567,657	1,397	69,694	9,506	646,857
Feb-97	16.648	307,423	50,028	49,373	92.3075	241,669	6,799	6,757	1,585.5	34	1,377	552,054	312	64,118	9,563	625,735
Mar-97	14.740	272,921	50,028	49,504	97.7518	256,244	6,799	6,765	639.4	33	1,325	531,129	1,013	63,774	10,009	604,911
Apr-97	15.241	282,952	50,028	49,635	83.9535	220,350	6,799	6,774	1,857.9	33	1,263	506,423	677	63,680	8,046	578,148
May-97	21.326	396,952	50,028	49,766	121.5078	319,318	6,799	6,782	2,667.3	33	1,797	720,735	2,005	98,968	10,905	830,608
Jun-97	36.481	680,843	50,028	49,897	148.8564	391,679	6,799	6,791	5,651.2	32	2,695	1,080,869	2,494	94,894	11,655	1,187,418
Jul-97	51.026	954,781	50,028	50,028	205.0193	540,134	6,799	6,799	8,905.7	32	3,760	1,507,580	12,509	86,492	15,411	1,609,483
Aug-97	60.506	1,134,336	50,028	50,124	217.6749	575,057	6,799	6,818	13,544.9	40	4,307	1,727,245	6,352	26,341	17,367	1,770,953
Sep-97	39.757	746,766	50,028	50,220	252.1326	667,920	6,799	6,837	13,201.6	47	3,570	1,431,457	3,580	16,816	18,237	1,466,510
Oct-97	59.449	1,118,774	50,028	50,315	222.9241	592,164	6,799	6,855	17,255.5	55	4,320	1,732,514	6,800	26,258	18,522	1,777,294
Nov-97	41.565	783,711	50,028	50,411	196.3771	523,072	6,799	6,874	15,836.7	62	3,307	1,325,927	5,098	39,816	19,237	1,384,980
Dec-97	24.468	462,212	50,028	50,507	126.0833	336,753	6,799	6,893	7,263.4	70	2,016	808,244	1,886	46,744	19,959	874,946
Jan-98	16.592	314,039	51,177	50,603	98.4989	263,794	7,024	6,912	3,117.9	78	1,452	582,403	1,346	67,186	9,164	658,753
Feb-98	16.774	318,071	51,177	50,698	92.7777	249,146	7,024	6,930	3,743.7	85	1,427	572,388	302	62,065	9,257	643,710
Mar-98	14.684	278,969	51,177	50,794	87.7153	236,189	7,024	6,949	2,409.3	93	1,294	518,861	980	61,693	9,682	590,235
Apr-98	15.692	298,675	51,177	50,890	90.2187	243,585	7,024	6,968	4,184.1	100	1,366	547,811	655	61,632	7,787	617,230
May-98	19.905	379,592	51,177	50,986	100.3971	271,796	7,024	6,987	6,102.4	108	1,644	659,134	1,951	96,280	10,609	766,023
Jun-98	27.075	517,287	51,177	51,081	137.2935	372,679	7,024	7,005	9,923.8	115	2,250	902,140	2,396	91,152	11,196	1,004,487
Jul-98	37.340	714,746	51,177	51,177	151.8717	413,355	7,024	7,024	16,223.2	123	2,861	1,147,185	11,628	80,404	14,327	1,241,916
Aug-98	55.449	1,072,535	51,177	51,715	217.0979	593,119	7,024	7,051	26,689.8	117	4,231	1,696,575	5,683	23,564	15,536	1,735,675
Sep-98	74.350	1,453,108	51,177	52,254	265.0979	726,988	7,024	7,077	32,508.9	111	5,532	2,218,137	3,235	15,197	16,480	2,249,814
Oct-98	63.635	1,256,522	51,177	52,792	257.2254	708,049	7,024	7,104	31,824.0	105	4,991	2,001,385	6,932	26,770	18,883	2,047,038
Nov-98	44.147	880,603	51,177	53,331	217.1337	599,927	7,024	7,130	22,523.7	99	3,758	1,506,811	5,340	41,705	20,150	1,568,666
Dec-98	24.791	499,506	51,177	53,869	105.2701	291,939	7,024	7,157	8,528.9	93	2,000	801,974	1,996	49,465	21,120	872,559
Jan-99	15.823	321,985	57,638	54,408	105.7140	294,259	7,343	7,184	4,757.5	87	1,553	622,554	1,418	70,752	9,650	702,956
Feb-99	15.823	325,171	57,638	54,946	96.7509	270,307	7,343	7,210	4,422.9	80	1,500	601,401	319	65,481	9,766	676,648
Mar-99	14.823	307,605	57,638	55,484	86.5114	242,590	7,343	7,237	2,081.3	74	1,381	553,657	1,034	65,125	10,221	629,004
Apr-99	17.541	367,543	57,638	56,023	89.0752	250,697	7,343	7,263	4,709.3	68	1,557	624,507	694	65,297	8,250	698,054
May-99	27.499	581,751	57,638	56,561	97.5194	275,467	7,343	7,290	4,289.5	62	2,154	863,661	2,072	102,256	11,268	977,186
Jun-99	42.368	904,842	57,638	57,100	191.5915	543,170	7,343	7,316	8,917.3	56	3,642	1,460,572	2,596	98,780	12,132	1,571,484
Jul-99	61.455	1,324,854	57,638	57,638	189.7887	540,014	7,343	7,343	17,600.0	50	4,706	1,887,174	13,311	92,043	16,400	1,995,617
Aug-99	70.166	1,517,621	57,638	57,828	290.2243	828,232	7,343	7,365	28,464.5	57	5,936	2,380,253	7,053	29,247	19,283	2,428,782
Sep-99	77.407	1,679,724	57,638	58,017	230.3904	659,420	7,343	7,386	32,079.1	65	5,928	2,377,151	4,211	19,781	21,452	2,418,384
Oct-99	55.560	1,209,585	57,638	58,207	238.3904	684,324	7,343	7,408	36,627.3	72	4,826	1,935,363	8,552	33,024	23,295	1,991,682
Nov-99	37.529	819,697	57,638	58,396	144.1429	414,991	7,343	7,430	26,179.1	79	3,152	1,264,019	6,424	50,171	24,240	1,338,430
Dec-99	21.658	474,583	57,638	58,586	126.1798	364,337	7,343	7,452	11,313.6	86	2,126	852,359	2,331	57,775	24,669	934,803
Jan-00	15.739	345,999		58,775	88.9613	257,619	7,582	7,473	6,741.8	94	1,526	611,886	1,662	82,949	11,314	706,150
Feb-00	13.098	288,869		58,965	87.1407	253,081	7,582	7,495	7,265.5	101	1,373	550,589	372	76,484	11,407	638,480
Mar-00	13.681	302,693		59,154	85.6708	249,533	7,582	7,517	4,002.7	108	1,391	557,620	1,201	75,651	11,873	645,143
Apr-00	16.870	374,458		59,344	91.3253	266,772	7,582	7,539	10,390.9	115	1,629	653,250	805	75,670	9,561	738,481
May-00	21.380	476,069		59,533	122.0450	357,535	7,582	7,560	11,045.5	123	2,112	846,761	2,392	118,040	13,007	977,809
Jun-00	35.586	794,913		59,723	192.3836	565,215	7,582	7,582	26,910.0	130	3,468	1,390,505	2,949	112,181	13,778	1,516,465
Jul-00	53.933	1,204,739		59,723	186.3655	547,544		7,582	8,060.5		4,401	1,764,745	14,452	99,933	17,806	1,882,484
Aug-00	70.413	1,575,288		59,815	237.9764	700,452		7,596	10,468.4	Forecast	5,716	2,291,924	7,217	29,929	19,733	2,341,585
Sep-00	75.704	1,696,270	Forecast	59,907	247.5729	730,024		7,610	11,161.0		6,094	2,443,549	4,096	19,239	20,864	2,483,651
Oct-00	61.716	1,384,989		59,999	234.5295	692,819		7,624	9,557.9		5,218	2,092,584	8,269	31,932	22,525	2,147,041
Nov-00	39.736	893,083		60,091	175.0674	518,100		7,637	6,491.4		3,544	1,421,219	6,303	49,222	23,782	1,494,223
Dec-00	21.706	488,598		60,183	121.0013	358,743		7,651	3,897.8		2,128	853,367	2,347	58,169	24,837	936,372

United Water Idaho
Monthly Forecast with 1.3% Real Price Increases 2000 - 2921, Constant Real Prices Thereafter

United Water Idaho: Monthly Water Demand Forecast, 2000 to 2050, with 1.3% Real Price Increases 2000 - 2021, Constant Real Prices Thereafter

	Residential				Commercial				Public		Predicted "Other" Water Use	Predicted System Water Sales	Predicted Hydrant Water Used	Predicted System Water Losses	Predicted Company Water Use	Predicted System Water Production
	Water Use Per Customer	Predicted Water Use	Annual Average Customers	Linear Interpolation Customers	Water Use Per Customer	Predicted Water Use	Annual Average Customers	Linear Interpolation Customers	Predicted Water Use	Annual Average Customers						
	(100 CCF)	(1,000 Gallons)			(100 CCF)	(1,000 Gallons)			(1,000 Gallons)		(1,000 Gallons)	(1,000 Gallons)	(1,000 Gallons)	(1,000 Gallons)	(1,000 Gallons)	(1,000 Gallons)
Jan-01	13.524	304,896		60,276	88.2289	262,052		7,665	2,608.0		1,424	570,980	1,668	83,247	11,355	665,581
Feb-01	13.760	310,683		60,368	89.0858	265,075		7,679	2,648.5		1,446	579,852	373	76,608	11,426	667,886
Mar-01	15.900	359,566		60,460	94.7258	282,364		7,693	2,952.9		1,612	646,495	1,209	76,169	11,954	734,618
Apr-01	18.154	411,163		60,552	101.2470	302,345		7,707	3,282.1		1,792	718,582	814	76,606	9,679	804,868
May-01	20.832	472,514		60,644	102.4677	306,539		7,720	3,583.6		1,957	784,592	2,427	119,778	13,199	917,570
Jun-01	34.525	784,306		60,736	146.0213	437,614		7,734	5,620.8		3,069	1,230,610	2,983	113,505	13,941	1,358,056
Jul-01	53.712	1,222,035		60,828	185.8356	557,929		7,748	8,187.8		4,470	1,792,623	14,539	100,531	17,913	1,911,066
Aug-01	71.331	1,625,736		60,936	237.7720	715,420		7,765	10,769.3		5,880	2,357,805	7,332	30,405	20,047	2,408,257
Sep-01	77.027	1,758,645		61,043	247.2992	745,712		7,782	11,520.0		6,290	2,522,166	4,203	19,743	21,411	2,563,320
Oct-01	62.797	1,436,287		61,150	234.3104	708,085		7,799	9,864.1		5,386	2,159,622	8,492	32,792	23,131	2,215,545
Nov-01	40.385	925,299		61,258	174.8483	529,540		7,816	6,692.3		3,654	1,465,185	6,433	50,245	24,276	1,539,706
Dec-01	22.001	504,975		61,365	120.7823	366,592		7,833	4,009.2		2,189	877,765	2,378	58,939	25,165	961,869
Jan-02	13.392	307,912		61,472	88.0070	267,692		7,850	2,647.8		1,446	579,697	1,693	84,475	11,522	675,694
Feb-02	13.628	313,877		61,579	88.8639	270,883		7,867	2,689.9		1,469	588,918	379	77,987	11,631	678,537
Mar-02	15.768	363,815		61,687	94.5039	288,697		7,884	3,001.6		1,639	657,152	1,230	77,438	12,153	746,743
Apr-02	18.022	416,543		61,794	101.0251	309,282		7,901	3,338.8		1,823	730,987	824	77,490	9,791	818,268
May-02	20.667	478,486		61,901	102.1904	313,521		7,918	3,643.2		1,989	797,640	2,447	120,749	13,306	931,694
Jun-02	34.360	796,904		62,008	145.7440	448,103		7,935	5,727.0		3,127	1,253,861	3,022	114,977	14,122	1,382,959
Jul-02	53.547	1,244,058		62,116	185.5583	571,735		7,952	8,352.6		4,560	1,828,706	14,902	103,044	18,361	1,950,110
Aug-02	71.166	1,656,178		62,221	237.4947	733,496		7,970	10,992.5		6,002	2,406,669	7,519	31,180	20,558	2,458,406
Sep-02	76.862	1,791,760		62,326	247.0219	764,727		7,989	11,759.8		6,421	2,574,667	4,305	20,223	21,931	2,616,821
Oct-02	62.665	1,463,289		62,431	234.0885	726,400		8,008	10,072.6		5,499	2,205,260	8,683	33,529	23,651	2,262,441
Nov-02	40.253	941,527		62,536	174.6264	543,160		8,027	6,829.6		3,729	1,495,246	6,569	51,300	24,786	1,571,331
Dec-02	21.869	512,388	Forecast	62,642	120.5604	375,874		8,046	4,086.0	Forecast	2,231	894,578	2,426	60,121	25,670	980,370
Jan-03	13.258	311,157		62,747	87.7822	274,322		8,065	2,693.2		1,470	589,643	1,726	86,126	11,747	687,517
Feb-03	13.494	317,219		62,852	88.6391	277,649		8,084	2,736.4		1,494	599,098	387	79,517	11,860	690,475
Mar-03	15.635	368,159		62,957	94.2791	296,005		8,103	3,055.2		1,668	668,886	1,254	78,962	12,392	760,240
Apr-03	17.889	421,939		63,062	100.8003	317,216		8,121	3,400.1		1,856	744,411	840	79,020	9,984	833,415
May-03	20.499	484,326		63,168	101.9095	321,452		8,140	3,706.6		2,024	811,508	2,495	123,138	13,569	948,215
Jun-03	34.193	809,199		63,273	145.4631	459,896		8,159	5,837.8		3,187	1,278,120	3,082	117,256	14,402	1,409,777
Jul-03	53.380	1,265,379		63,378	185.2774	587,128		8,178	8,521.5		4,653	1,865,681	15,198	105,090	18,725	1,989,495
Aug-03	70.998	1,685,948		63,488	237.2138	753,432		8,197	11,221.2		6,127	2,456,728	7,669	31,800	20,966	2,509,494
Sep-03	76.694	1,824,371		63,599	246.7410	785,485		8,216	12,005.3		6,555	2,628,415	4,391	20,625	22,367	2,671,407
Oct-03	62.531	1,490,051		63,709	233.8638	746,189		8,234	10,286.7		5,616	2,252,143	8,855	34,196	24,122	2,310,461
Nov-03	40.119	957,650		63,819	174.4016	557,730		8,253	6,970.7		3,806	1,526,157	6,699	52,322	25,279	1,603,758
Dec-03	21.736	519,725		63,930	120.3356	385,703		8,272	4,165.0		2,274	911,867	2,474	61,320	26,182	999,369
Jan-04	13.123	314,324		64,040	87.5545	281,268		8,290	2,739.7		1,496	599,828	1,760	87,844	11,982	699,653
Feb-04	13.358	320,520		64,150	88.4114	284,663		8,309	2,783.8		1,520	609,487	395	81,103	12,096	702,686
Mar-04	15.499	372,524		64,261	94.0514	303,506		8,328	3,109.7		1,698	680,837	1,279	80,536	12,639	774,013
Apr-04	17.753	427,432		64,371	100.5726	325,280		8,347	3,462.5		1,890	758,065	857	80,595	10,183	848,843
May-04	20.330	490,315		64,481	101.6249	329,422		8,365	3,770.8		2,059	825,566	2,545	125,593	13,839	964,998
Jun-04	34.024	821,974		64,592	145.1785	471,657		8,384	5,950.7		3,249	1,302,831	3,144	119,593	14,689	1,437,112
Jul-04	53.211	1,287,715		64,702	184.9929	602,350		8,403	8,694.3		4,747	1,903,506	15,501	107,184	19,098	2,029,788
Aug-04	70.829	1,717,010		64,813	236.9292	773,173		8,422	11,454.8		6,254	2,507,892	7,822	32,434	21,384	2,561,710
Sep-04	76.525	1,858,255		64,923	246.4565	806,048		8,440	12,255.8		6,691	2,683,249	4,479	21,036	22,813	2,727,098
Oct-04	62.396	1,517,741		65,034	233.6361	765,809		8,459	10,504.3		5,735	2,299,790	9,032	34,878	24,603	2,359,271
Nov-04	39.984	974,233		65,144	174.1739	572,166		8,478	7,113.4		3,884	1,557,395	6,833	53,365	25,783	1,636,543
Dec-04	21.600	527,193		65,255	120.1079	395,427		8,496	4,244.1		2,317	929,181	2,523	62,541	26,704	1,018,425
Jan-05	12.985	317,475		65,366	87.3238	288,125		8,515	2,785.8		1,521	609,907	1,795	89,591	12,220	711,718
Feb-05	13.221	323,784		65,476	88.1807	291,591		8,534	2,830.7		1,546	619,751	402	82,715	12,337	714,803
Mar-05	15.362	376,845		65,587	93.8208	310,920		8,552	3,163.7		1,727	692,656	1,304	82,136	12,890	787,682

United Water Idaho
Monthly Forecast with 1.3% Real Price Increases 2000 - 2921, Constant Real Prices Thereafter

United Water Idaho: Monthly Water Demand Forecast, 2000 to 2050, with 1.3% Real Price Increases 2000 - 2021, Constant Real Prices Thereafter

	Residential				Commercial				Public							
	Water Use Per Customer	Predicted Water Use	Annual Average Customers	Linear Interpolation Customers	Water Use Per Customer	Predicted Water Use	Annual Average Customers	Linear Interpolation Customers	Predicted Water Use	Annual Average Customers	Predicted "Other" Water Use	Predicted System Water Sales	Predicted Hydrant Water Used	Predicted System Water Losses	Predicted Company Water Use	Predicted System Water Production
	(100 CCF)	(1,000 Gallons)			(100 CCF)	(1,000 Gallons)			(1,000 Gallons)		(1,000 Gallons)	(1,000 Gallons)	(1,000 Gallons)	(1,000 Gallons)	(1,000 Gallons)	(1,000 Gallons)
Apr-05	17.616	432,868		65,698	100.3419	333,257		8,571	3,524.2		1,924	771,573	874	82,194	10,385	864,152
May-05	20.159	496,182		65,808	101.3367	337,295		8,590	3,834.0		2,093	839,404	2,595	128,081	14,113	981,599
Jun-05	33.852	834,634		65,919	144.8903	483,310		8,608	6,062.5		3,310	1,327,317	3,206	121,958	14,979	1,464,254
Jul-05	53.039	1,309,899		66,029	184.7046	617,455		8,627	8,865.8		4,841	1,941,060	15,807	109,299	19,475	2,069,835
Aug-05	70.658	1,747,942		66,140	236.6410	792,832		8,646	11,687.6		6,381	2,558,842	7,975	33,072	21,805	2,613,719
Sep-05	76.353	1,892,016		66,251	246.1682	826,579		8,665	12,505.5		6,828	2,737,929	4,566	21,448	23,260	2,782,637
Oct-05	62.259	1,545,335		66,362	233.4054	785,457		8,685	10,721.6		5,854	2,347,367	9,208	35,559	25,083	2,408,009
Nov-05	39.846	990,690		66,473	173.9433	586,646		8,704	7,255.7		3,961	1,588,553	6,966	54,404	26,285	1,669,241
Dec-05	21.463	534,511		66,584	119.8772	405,191		8,723	4,322.6		2,360	946,384	2,572	63,756	27,222	1,037,362
Jan-06	12.846	320,462	Forecast	66,695	87.0901	295,016		8,742	2,831.2	Forecast	1,546	619,855	1,830	91,329	12,457	723,641
Feb-06	13.082	326,884		66,806	87.9471	298,571		8,761	2,877.1		1,571	629,903	410	84,318	12,576	726,797
Mar-06	15.223	381,006		66,917	93.5871	318,413		8,780	3,217.3		1,757	704,393	1,329	83,726	13,140	801,258
Apr-06	17.477	438,145		67,028	100.1082	341,343		8,800	3,585.6		1,958	785,032	891	83,784	10,586	879,402
May-06	19.985	501,850		67,139	101.0447	345,286		8,819	3,896.8		2,128	853,161	2,646	130,556	14,386	998,103
Jun-06	33.678	847,112		67,250	144.5983	495,190		8,838	6,174.6		3,371	1,351,848	3,268	124,312	15,268	1,491,428
Jul-06	52.866	1,331,925		67,360	184.4126	632,907		8,857	9,038.2		4,935	1,978,804	16,112	111,406	19,851	2,110,061
Aug-06	70.484	1,778,747		67,472	236.3490	812,814		8,875	11,921.2		6,509	2,609,991	8,129	33,708	22,224	2,665,924
Sep-06	76.180	1,925,669		67,583	245.8762	847,307		8,893	12,755.7		6,964	2,792,696	4,654	21,860	23,707	2,838,262
Oct-06	62.120	1,572,849		67,695	233.1717	805,166		8,911	10,938.9		5,972	2,394,926	9,385	36,240	25,563	2,456,729
Nov-06	39.707	1,007,035		67,806	173.7096	601,058		8,930	7,397.2		4,039	1,619,529	7,099	55,442	26,787	1,701,757
Dec-06	21.324	541,687		67,918	119.6435	414,823		8,948	4,399.9		2,402	963,312	2,621	64,970	27,741	1,056,022
Jan-07	12.706	323,290		68,029	86.8534	301,745		8,966	2,875.2		1,570	629,480	1,865	93,065	12,694	735,239
Feb-07	12.941	329,826		68,141	87.7104	305,339		8,984	2,921.8		1,595	639,682	418	85,918	12,814	738,414
Mar-07	15.082	385,015		68,252	93.3504	325,629		9,002	3,269.0		1,785	715,698	1,355	85,312	13,389	814,398
Apr-07	17.336	443,278		68,364	99.8715	349,079		9,020	3,644.8		1,990	797,992	908	85,367	10,786	894,145
May-07	19.809	507,334		68,475	100.7489	352,853		9,038	3,956.9		2,160	866,305	2,695	133,018	14,657	1,013,980
Jun-07	33.502	859,444		68,587	144.3025	506,406		9,057	6,282.9		3,430	1,375,563	3,329	126,650	15,555	1,517,769
Jul-07	52.690	1,353,859		68,699	184.1168	647,422		9,075	9,205.9		5,026	2,015,513	16,414	113,493	20,222	2,149,229
Aug-07	70.308	1,809,487		68,810	236.0532	831,775		9,094	12,149.8		6,634	2,660,046	8,280	34,336	22,639	2,717,021
Sep-07	76.004	1,959,247		68,921	245.5804	867,142		9,112	13,001.4		7,098	2,846,490	4,740	22,265	24,145	2,892,900
Oct-07	61.979	1,600,290		69,033	232.9350	824,195		9,131	11,152.6		6,089	2,441,727	9,557	36,907	26,033	2,504,667
Nov-07	39.567	1,023,255		69,144	173.4729	615,068		9,150	7,536.3		4,115	1,649,974	7,229	56,457	27,277	1,733,708
Dec-07	21.183	548,704		69,255	119.4068	424,244		9,169	4,475.6		2,444	979,867	2,669	66,155	28,246	1,074,268
Jan-08	12.563	325,942		69,367	86.6137	308,365		9,188	2,917.8		1,593	638,819	1,899	94,758	12,925	746,502
Feb-08	12.799	332,590		69,478	87.4706	312,056		9,207	2,965.4		1,619	649,230	426	87,479	13,047	749,756
Mar-08	14.939	388,842		69,589	93.1106	332,858		9,226	3,319.8		1,813	726,832	1,379	86,860	13,632	827,324
Apr-08	17.193	448,226		69,701	99.6318	356,899		9,245	3,703.6		2,022	810,850	924	86,915	10,982	908,746
May-08	19.630	512,581		69,812	100.4492	360,562		9,263	4,016.5		2,193	879,352	2,744	135,426	14,923	1,029,701
Jun-08	33.324	871,527		69,923	144.0028	517,950		9,282	6,391.6		3,490	1,399,358	3,389	128,941	15,837	1,544,135
Jul-08	52.511	1,375,523		70,035	183.8172	662,498		9,301	9,374.9		5,118	2,052,514	16,710	115,544	20,588	2,188,646
Aug-08	70.129	1,839,999		70,148	235.7535	851,456		9,321	12,380.7		6,760	2,710,596	8,430	34,956	23,047	2,768,598
Sep-08	75.825	1,992,657		70,261	245.2808	887,710		9,340	13,249.7		7,234	2,900,851	4,826	22,666	24,581	2,948,097
Oct-08	61.836	1,627,644		70,375	232.6952	843,911		9,359	11,369.2		6,207	2,489,132	9,729	37,571	26,502	2,553,205
Nov-08	39.424	1,039,381		70,488	173.2331	629,564		9,379	7,677.1		4,192	1,680,814	7,359	57,472	27,767	1,766,054
Dec-08	21.040	555,598		70,601	119.1670	433,974		9,398	4,552.0		2,485	996,609	2,717	67,344	28,754	1,092,707
Jan-09	12.418	328,452		70,714	86.3708	315,188		9,418	2,960.7		1,617	648,217	1,933	96,461	13,157	757,836
Feb-09	12.654	335,221		70,828	87.2277	318,971		9,437	3,009.3		1,643	658,845	433	89,051	13,282	761,177
Mar-09	14.795	392,558		70,941	92.8677	340,294		9,456	3,371.1		1,841	738,064	1,404	88,420	13,877	840,360
Apr-09	17.049	453,088		71,054	99.3889	364,937		9,476	3,762.9		2,054	823,842	941	88,475	11,179	923,496
May-09	19.450	517,723		71,167	100.1457	368,469		9,495	4,076.5		2,226	892,495	2,793	137,857	15,191	1,045,543
Jun-09	33.143	883,627		71,281	143.6993	529,799		9,515	6,501.8		3,550	1,423,477	3,450	131,254	16,121	1,570,852

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	Residential				Commercial				Public							
	Water Use Per Customer	Predicted Water Use	Annual Average Customers	Linear Interpolation Customers	Water Use Per Customer	Predicted Water Use	Annual Average Customers	Linear Interpolation Customers	Predicted Water Use	Annual Average Customers	Predicted "Other" Water Use	Predicted System Water Sales	Predicted Hydrant Water Used	Predicted System Water Losses	Predicted Company Water Use	Predicted System Water Production
	(100 CCF)	(1,000 Gallons)			(100 CCF)	(1,000 Gallons)			(1,000 Gallons)		(1,000 Gallons)	(1,000 Gallons)	(1,000 Gallons)	(1,000 Gallons)	(1,000 Gallons)	(1,000 Gallons)
Jul-09	52.331	1,397,393		71,394	183.5136	677,969		9,534	9,546.7		5,212	2,090,121	17,010	117,616	20,957	2,228,693
Aug-09	69.949	1,870,834		71,508	235.4500	871,572		9,553	12,615.1		6,888	2,761,908	8,581	35,583	23,460	2,820,951
Sep-09	75.645	2,026,397		71,622	244.9772	908,639		9,572	13,501.2		7,371	2,955,909	4,912	23,072	25,021	3,004,002
Oct-09	61.692	1,655,241		71,735	232.4523	863,892		9,591	11,588.0		6,327	2,537,048	9,903	38,244	26,977	2,602,268
Nov-09	39.279	1,055,572		71,849	172.9902	644,177		9,610	7,818.8		4,269	1,711,837	7,491	58,500	28,264	1,798,601
Dec-09	20.896	562,426		71,963	118.9241	443,721		9,629	4,628.3		2,527	1,013,302	2,766	68,547	29,268	1,111,117
Jan-10	12.272	330,833		72,077	86.1247	321,975		9,648	3,002.9		1,640	657,451	1,968	98,183	13,392	769,026
Feb-10	12.508	337,719		72,191	86.9816	325,818		9,667	3,052.3		1,666	668,256	441	90,638	13,518	772,412
Mar-10	14.648	396,145		72,305	92.6217	347,625		9,686	3,421.3		1,868	749,059	1,429	89,994	14,124	853,177
Apr-10	16.902	457,822		72,419	99.1428	372,829		9,705	3,821.0		2,086	836,558	957	90,049	11,378	937,984
May-10	19.267	522,689		72,532	99.8382	376,178		9,724	4,134.8		2,258	905,259	2,843	140,305	15,460	1,061,024
Jun-10	32.960	895,584		72,646	143.3918	541,336		9,743	6,609.8		3,609	1,447,138	3,511	133,580	16,407	1,597,125
Jul-10	52.148	1,419,153		72,760	183.2061	692,990		9,762	9,715.9		5,305	2,127,164	17,310	119,694	21,327	2,268,186
Aug-10	69.766	1,901,581		72,874	235.1425	891,302		9,782	12,847.3		7,014	2,812,744	8,732	36,209	23,873	2,872,827
Sep-10	75.462	2,060,038		72,987	244.6698	929,348		9,802	13,751.2		7,508	3,010,645	4,998	23,477	25,460	3,059,582
Oct-10	61.545	1,682,740		73,101	232.2063	883,842		9,823	11,806.3		6,446	2,584,835	10,076	38,911	27,448	2,651,194
Nov-10	39.133	1,071,616	Forecast	73,214	172.7442	658,878		9,843	7,960.3	Forecast	4,346	1,742,801	7,621	59,518	28,756	1,831,075
Dec-10	20.749	569,076		73,328	118.6781	453,598		9,864	4,704.3		2,568	1,029,947	2,814	69,738	29,776	1,129,461
Jan-11	12.124	333,021		73,441	85.8755	328,902		9,884	3,044.8		1,662	666,631	2,002	99,887	13,624	780,142
Feb-11	12.359	340,020		73,555	86.7324	332,870		9,904	3,095.3		1,690	677,675	449	92,210	13,753	783,638
Mar-11	14.500	399,530		73,669	92.3724	355,246		9,925	3,472.0		1,896	760,143	1,454	91,554	14,369	866,066
Apr-11	16.754	462,348		73,782	98.8935	381,106		9,945	3,879.9		2,118	849,453	974	91,609	11,575	952,636
May-11	19.081	527,390		73,896	99.5267	384,333		9,966	4,193.9		2,290	918,206	2,892	142,735	15,728	1,076,670
Jun-11	32.775	907,255		74,009	143.0803	553,651		9,986	6,720.2		3,669	1,471,295	3,572	135,894	16,691	1,623,880
Jul-11	51.962	1,440,592		74,123	182.8947	709,158		10,006	9,888.9		5,399	2,165,038	17,610	121,768	21,697	2,308,504
Aug-11	69.580	1,931,980		74,236	234.8310	912,442		10,027	13,084.3		7,144	2,864,650	8,883	36,837	24,287	2,925,774
Sep-11	75.276	2,093,319		74,349	244.3583	951,442		10,048	14,005.9		7,647	3,066,414	5,085	23,884	25,901	3,116,200
Oct-11	61.397	1,709,946		74,462	231.9570	905,038		10,069	12,028.9		6,568	2,633,581	10,251	39,587	27,924	2,701,092
Nov-11	38.985	1,087,398		74,575	172.4949	674,431		10,090	8,104.4		4,425	1,774,359	7,753	60,552	29,255	1,864,166
Dec-11	20.601	575,490		74,688	118.4288	464,001		10,111	4,781.7		2,611	1,046,884	2,863	70,949	30,293	1,148,126
Jan-12	11.973	334,984		74,801	85.6230	336,163		10,132	3,087.3		1,686	675,920	2,036	101,621	13,861	791,403
Feb-12	12.209	342,094		74,915	86.4799	340,229		10,153	3,138.7		1,714	687,176	456	93,811	13,992	794,978
Mar-12	14.350	402,684		75,028	92.1199	363,166		10,174	3,522.9		1,923	771,296	1,479	93,143	14,618	879,057
Apr-12	16.604	466,639		75,141	98.6411	389,674		10,195	3,939.0		2,151	862,403	991	93,198	11,776	967,377
May-12	18.894	531,798		75,254	99.2112	392,731		10,216	4,252.8		2,322	931,104	2,942	145,211	16,001	1,092,316
Jun-12	32.587	918,607		75,367	142.7648	566,298		10,237	6,830.6		3,729	1,495,465	3,634	138,249	16,980	1,650,694
Jul-12	51.774	1,461,672		75,480	182.5791	725,709		10,258	10,062.0		5,494	2,202,937	17,915	123,876	22,072	2,348,885
Aug-12	69.393	1,962,077		75,596	234.5155	933,992		10,278	13,321.9		7,273	2,916,663	9,037	37,473	24,707	2,978,843
Sep-12	75.089	2,126,392		75,713	244.0427	973,858		10,298	14,261.2		7,786	3,122,298	5,172	24,295	26,348	3,172,941
Oct-12	61.246	1,737,068		75,829	231.7045	926,447		10,319	12,252.2		6,689	2,682,457	10,427	40,267	28,404	2,751,127
Nov-12	38.834	1,103,101		75,945	172.2424	690,051		10,339	8,248.5		4,504	1,805,905	7,886	61,590	29,757	1,897,251
Dec-12	20.450	581,793		76,061	118.1763	474,378		10,359	4,858.4		2,653	1,063,682	2,912	72,163	30,812	1,166,657
Jan-13	11.821	336,809		76,177	85.3672	343,350		10,380	3,128.7		1,708	684,996	2,071	103,358	14,098	802,452
Feb-13	12.057	344,047		76,293	86.2241	347,476		10,400	3,181.0		1,737	696,441	464	95,413	14,230	806,084
Mar-13	14.197	405,751		76,410	91.8641	370,928		10,420	3,572.7		1,951	782,203	1,504	94,732	14,867	891,802
Apr-13	16.451	470,884		76,526	98.3853	398,035		10,441	3,997.0		2,182	875,098	1,008	94,785	11,976	981,860
May-13	18.703	536,155		76,642	98.8916	400,862		10,461	4,310.3		2,353	943,681	2,993	147,680	16,273	1,107,634
Jun-13	32.397	930,103		76,758	142.4452	578,531		10,481	6,939.7		3,789	1,519,362	3,696	140,596	17,268	1,677,226
Jul-13	51.584	1,483,204		76,874	182.2595	741,670		10,502	10,234.4		5,588	2,240,696	18,219	125,974	22,446	2,389,117
Aug-13	69.202	1,992,776		76,990	234.1959	955,002		10,524	13,559.8		7,403	2,968,741	9,190	38,106	25,124	3,031,972
Sep-13	74.898	2,160,041		77,106	243.7231	995,919		10,545	14,517.4		7,926	3,178,404	5,260	24,705	26,792	3,229,901

United Water Idaho
Monthly Forecast with 1.3% Real Price Increases 2000 - 2921, Constant Real Prices Thereafter

United Water Idaho: Monthly Water Demand Forecast, 2000 to 2050, with 1.3% Real Price Increases 2000 - 2021, Constant Real Prices Thereafter

	Residential				Commercial				Public		Predicted "Other" Water Use	Predicted System Water Sales	Predicted Hydrant Water Used	Predicted System Water Losses	Predicted Company Water Use	Predicted System Water Production
	Water Use Per Customer	Predicted Water Use	Annual Average Customers	Linear Interpolation Customers	Water Use Per Customer	Predicted Water Use	Annual Average Customers	Linear Interpolation Customers	Predicted Water Use	Annual Average Customers						
	(100 CCF)	(1,000 Gallons)			(100 CCF)	(1,000 Gallons)			(1,000 Gallons)		(1,000 Gallons)	(1,000 Gallons)	(1,000 Gallons)	(1,000 Gallons)	(1,000 Gallons)	(1,000 Gallons)
Oct-13	61.094	1,764,581		77,222	231.4488	947,726		10,567	12,476.6		6,812	2,731,596	10,603	40,944	28,881	2,801,422
Nov-13	38.682	1,118,925		77,337	171.9866	705,702		10,589	8,393.3		4,583	1,837,603	8,019	62,624	30,257	1,930,483
Dec-13	20.298	588,031		77,453	117.9206	484,856		10,611	4,935.3		2,695	1,080,518	2,960	73,373	31,329	1,185,220
Jan-14	11.667	338,488		77,569	85.1081	350,662		10,633	3,170.1		1,731	694,051	2,106	105,090	14,334	813,476
Feb-14	11.903	345,841		77,685	85.9650	354,922		10,655	3,223.5		1,760	705,746	472	97,011	14,469	817,226
Mar-14	14.043	408,649		77,800	91.6050	378,985		10,677	3,623.1		1,978	793,236	1,529	96,318	15,116	904,670
Apr-14	16.297	474,945		77,916	98.1262	406,797		10,699	4,056.0		2,214	888,012	1,025	96,372	12,177	996,561
May-14	18.511	540,254		78,032	98.5678	409,463		10,721	4,368.7		2,385	956,472	3,043	150,152	16,546	1,123,169
Jun-14	32.204	941,307		78,148	142.1214	591,596		10,742	7,051.4		3,850	1,543,804	3,757	142,949	17,557	1,704,311
Jul-14	51.392	1,504,363		78,263	181.9357	758,871		10,764	10,410.9		5,684	2,279,329	18,524	128,084	22,822	2,430,235
Aug-14	69.010	2,023,084		78,379	233.8721	977,547		10,787	13,802.9		7,536	3,021,970	9,344	38,745	25,545	3,086,260
Sep-14	74.706	2,193,304		78,495	243.3993	1,019,496		10,809	14,778.9		8,069	3,235,649	5,348	25,119	27,241	3,288,009
Oct-14	60.940	1,791,798		78,611	231.1897	970,376		10,832	12,706.0		6,937	2,781,817	10,781	41,631	29,366	2,852,815
Nov-14	38.528	1,134,490		78,727	171.7275	722,296		10,855	8,541.2		4,663	1,869,990	8,153	63,676	30,765	1,964,431
Dec-14	20.144	594,035		78,843	117.6615	495,919		10,877	5,013.8		2,737	1,097,706	3,010	74,606	31,855	1,204,167
Jan-15	11.511	339,940		78,959	84.8456	358,349		10,900	3,212.1		1,754	703,255	2,141	106,857	14,575	824,687
Feb-15	11.746	347,409		79,075	85.7025	362,717		10,922	3,266.6		1,783	715,176	480	98,642	14,712	828,530
Mar-15	13.887	411,325		79,191	91.3426	387,385		10,945	3,674.1		2,006	804,390	1,555	97,937	15,370	917,697
Apr-15	16.141	478,787		79,307	97.8637	415,897		10,967	4,115.5		2,247	901,047	1,042	97,992	12,381	1,011,420
May-15	18.316	544,083		79,422	98.2398	418,354		10,990	4,427.2		2,417	969,281	3,094	152,675	16,823	1,138,779
Jun-15	32.009	952,251		79,538	141.7934	605,066		11,012	7,163.7		3,911	1,568,392	3,821	145,349	17,852	1,731,593
Jul-15	51.196	1,525,281		79,654	181.6077	776,551		11,035	10,588.4		5,781	2,318,201	18,835	130,233	23,205	2,471,639
Aug-15	68.815	2,053,208	Forecast	79,772	233.5441	1,000,694		11,058	14,047.9	Forecast	7,670	3,075,620	9,500	39,394	25,973	3,140,987
Sep-15	74.510	2,226,440		79,890	243.0713	1,043,665		11,081	15,042.5		8,213	3,293,360	5,437	25,540	27,697	3,346,597
Oct-15	60.784	1,818,955		80,008	230.9272	993,564		11,103	12,937.6		7,064	2,832,519	10,961	42,327	29,857	2,904,703
Nov-15	38.372	1,149,960		80,126	171.4651	739,244		11,126	8,690.3		4,745	1,902,639	8,289	64,739	31,278	1,998,656
Dec-15	19.988	599,898		80,243	117.3990	507,184		11,149	5,092.6		2,780	1,114,955	3,060	75,850	32,386	1,223,192
Jan-16	11.352	341,221		80,361	84.5797	366,147		11,172	3,253.9		1,777	712,398	2,177	108,637	14,818	835,854
Feb-16	11.588	348,815		80,479	85.4367	370,612		11,195	3,309.4		1,807	724,543	488	100,284	14,957	839,784
Mar-16	13.729	413,858		80,597	91.0767	395,882		11,218	3,724.8		2,034	815,499	1,581	99,566	15,626	930,691
Apr-16	15.983	482,510		80,715	97.5978	425,090		11,240	4,175.0		2,279	914,055	1,059	99,621	12,587	1,026,263
May-16	18.118	547,763		80,832	97.9075	427,305		11,263	4,485.3		2,449	982,002	3,145	155,212	17,103	1,154,316
Jun-16	31.811	963,165		80,950	141.4611	618,639		11,286	7,276.3		3,973	1,593,054	3,884	147,762	18,149	1,758,965
Jul-16	50.999	1,546,355		81,068	181.2755	794,358		11,309	10,767.3		5,879	2,357,359	19,147	132,392	23,590	2,513,341
Aug-16	68.617	2,083,611		81,187	233.2118	1,024,013		11,332	14,295.1		7,805	3,129,724	9,658	40,047	26,404	3,196,174
Sep-16	74.313	2,259,872		81,305	242.7391	1,067,997		11,355	15,308.2		8,358	3,351,536	5,527	25,962	28,155	3,405,653
Oct-16	60.626	1,846,335		81,424	230.6613	1,016,902		11,377	13,170.9		7,191	2,883,599	11,142	43,026	30,350	2,956,975
Nov-16	38.213	1,165,473		81,543	171.1992	756,273		11,400	8,840.0		4,826	1,935,413	8,426	65,807	31,794	2,033,014
Dec-16	19.830	605,666		81,661	117.1331	518,474		11,423	5,171.0		2,823	1,132,135	3,111	77,100	32,920	1,242,155
Jan-17	11.192	342,343		81,780	84.3104	373,936		11,446	3,294.9		1,799	721,373	2,213	110,426	15,062	846,860
Feb-17	11.428	350,059		81,899	85.1673	378,492		11,469	3,351.3		1,830	733,731	496	101,933	15,203	850,868
Mar-17	13.569	416,236		82,017	90.8073	404,361		11,492	3,774.7		2,061	826,433	1,607	101,202	15,883	943,518
Apr-17	15.823	486,084		82,136	97.3285	434,262		11,515	4,233.6		2,311	926,891	1,077	101,256	12,794	1,040,941
May-17	17.918	551,240		82,255	97.5710	436,209		11,538	4,542.3		2,480	994,471	3,197	157,756	17,383	1,169,610
Jun-17	31.611	973,929		82,373	141.1246	632,174		11,560	7,388.1		4,034	1,617,525	3,948	150,181	18,446	1,786,152
Jul-17	50.798	1,567,341		82,492	180.9389	812,128		11,583	10,945.6		5,976	2,396,391	19,460	134,556	23,975	2,554,922
Aug-17	68.416	2,113,996		82,612	232.8753	1,047,364		11,607	14,542.3		7,940	3,183,842	9,815	40,700	26,834	3,251,376
Sep-17	74.112	2,293,308		82,731	242.4025	1,092,425		11,630	15,574.4		8,503	3,409,811	5,617	26,384	28,613	3,464,808
Oct-17	60.465	1,873,722		82,851	230.3920	1,040,399		11,654	13,405.0		7,319	2,934,845	11,323	43,724	30,842	3,009,411
Nov-17	38.053	1,180,905		82,970	170.9298	773,441		11,677	8,990.0		4,908	1,968,244	8,562	66,872	32,309	2,067,425
Dec-17	19.669	611,280		83,090	116.8638	529,863		11,701	5,249.3		2,866	1,149,259	3,161	78,346	33,452	1,261,057

United Water Idaho: Monthly Water Demand Forecast, 2000 to 2050, with 1.3% Real Price Increases 2000 - 2021, Constant Real Prices Thereafter

	Residential				Commercial				Public								
	Water Use Per Customer	Predicted Water Use	Annual Average Customers	Linear Interpolation Customers	Water Use Per Customer	Predicted Water Use	Annual Average Customers	Linear Interpolation Customers	Predicted Water Use	Annual Average Customers	Predicted "Other" Water Use	Predicted System Water Sales	Predicted Hydrant Water Used	Predicted System Water Losses	Predicted Company Water Use	Predicted System Water Production
	(100 CCF)	(1,000 Gallons)			(100 CCF)	(1,000 Gallons)			(1,000 Gallons)		(1,000 Gallons)	(1,000 Gallons)	(1,000 Gallons)	(1,000 Gallons)	(1,000 Gallons)	(1,000 Gallons)
Jan-18	11.030	343,274		83,210	84.0375	381,795		11,725	3,335.3		1,821	730,225	2,249	112,209	15,305	857,738
Feb-18	11.265	351,112		83,329	84.8945	386,462		11,748	3,392.8		1,852	742,819	504	103,578	15,448	861,845
Mar-18	13.406	418,432		83,449	90.5345	412,963		11,772	3,824.4		2,088	837,307	1,633	102,834	16,139	956,279
Apr-18	15.660	489,484		83,568	97.0556	443,594		11,795	4,292.2		2,343	939,713	1,094	102,887	13,000	1,055,600
May-18	17.715	554,492		83,688	97.2300	445,278		11,819	4,598.9		2,511	1,006,879	3,248	160,295	17,663	1,184,838
Jun-18	31.408	984,522		83,807	140.7836	646,022		11,842	7,500.5		4,095	1,642,139	4,011	152,597	18,742	1,813,478
Jul-18	50.595	1,588,232		83,927	180.5979	830,367		11,866	11,125.6		6,074	2,435,799	19,773	136,719	24,361	2,596,878
Aug-18	68.214	2,144,347		84,047	232.5343	1,071,280		11,889	14,791.9		8,076	3,238,495	9,973	41,353	27,265	3,307,113
Sep-18	73.910	2,326,724		84,167	242.0615	1,117,374		11,913	15,842.9		8,650	3,468,591	5,707	26,808	29,072	3,524,471
Oct-18	60.303	1,901,090		84,287	230.1191	1,064,340		11,936	13,641.0		7,448	2,986,519	11,504	44,425	31,336	3,062,280
Nov-18	37.891	1,196,233		84,407	170.6570	790,870		11,960	9,140.7		4,991	2,001,235	8,699	67,942	32,826	2,102,003
Dec-18	19.507	616,724		84,528	116.5909	541,374		11,983	5,327.3		2,909	1,166,334	3,212	79,599	33,987	1,279,920
Jan-19	10.865	344,000		84,648	83.7612	389,696		12,007	3,375.0		1,843	738,913	2,285	114,001	15,549	868,463
Feb-19	11.101	351,960		84,768	84.6181	394,452		12,030	3,433.5		1,875	751,720	512	105,231	15,695	872,645
Mar-19	13.242	420,427		84,888	90.2581	421,565		12,054	3,873.2		2,115	847,979	1,659	104,473	16,396	968,848
Apr-19	15.496	492,689		85,008	96.7793	452,903		12,077	4,349.7		2,375	952,317	1,111	104,526	13,207	1,070,049
May-19	17.509	557,492		85,128	96.8846	454,278		12,101	4,654.1		2,541	1,018,965	3,300	162,845	17,944	1,199,754
Jun-19	31.203	994,898		85,249	140.4382	659,772		12,124	7,611.5		4,156	1,666,437	4,075	155,020	19,040	1,840,497
Jul-19	50.390	1,608,953		85,369	180.2526	848,458		12,148	11,304.1		6,172	2,474,886	20,086	138,885	24,747	2,638,518
Aug-19	68.008	2,174,604	Forecast	85,491	232.1889	1,095,140		12,172	15,040.8	Forecast	8,212	3,292,997	10,130	42,007	27,696	3,362,699
Sep-19	73.704	2,360,096		85,612	241.7162	1,142,382		12,197	16,111.4		8,796	3,527,386	5,797	27,230	29,530	3,584,146
Oct-19	60.138	1,928,454		85,734	229.8427	1,088,460		12,221	13,877.8		7,577	3,038,368	11,685	45,122	31,829	3,115,320
Nov-19	37.726	1,211,484		85,856	170.3806	808,492		12,246	9,291.9		5,073	2,034,341	8,836	69,007	33,341	2,136,689
Dec-19	19.343	622,018		85,978	116.3145	553,047		12,271	5,405.3		2,951	1,183,421	3,262	80,846	34,519	1,298,786
Jan-20	10.699	344,536		86,100	83.4812	397,729		12,295	3,414.4		1,864	747,543	2,320	115,785	15,793	879,121
Feb-20	10.934	352,623		86,222	84.3381	402,616		12,320	3,474.1		1,897	760,610	520	106,876	15,940	883,427
Mar-20	13.075	422,256		86,344	89.9781	430,399		12,344	3,922.2		2,141	858,719	1,685	106,106	16,652	981,477
Apr-20	15.329	495,748		86,466	96.4993	462,513		12,369	4,408.0		2,407	965,076	1,129	106,159	13,413	1,084,648
May-20	17.301	560,306		86,588	96.5347	463,604		12,394	4,710.0		2,572	1,031,191	3,351	165,389	18,225	1,214,805
Jun-20	30.994	1,005,198		86,710	140.0884	674,105		12,418	7,724.8		4,218	1,691,245	4,138	157,442	19,337	1,868,024
Jul-20	50.182	1,629,761		86,832	179.9027	867,407		12,443	11,487.0		6,272	2,514,927	20,400	141,056	25,134	2,681,117
Aug-20	67.800	2,205,051		86,954	231.8391	1,119,953		12,467	15,295.0		8,351	3,348,649	10,289	42,664	28,129	3,419,442
Sep-20	73.496	2,393,659		87,076	241.3663	1,168,196		12,490	16,384.5		8,946	3,587,185	5,888	27,656	29,993	3,644,833
Oct-20	59.972	1,955,945		87,198	229.5628	1,113,179		12,514	14,118.0		7,708	3,090,949	11,868	45,829	32,327	3,169,106
Nov-20	37.560	1,226,700		87,320	170.1006	826,404		12,538	9,444.3		5,156	2,067,705	8,974	70,088	33,863	2,171,655
Dec-20	19.176	627,162		87,443	116.0346	564,800		12,562	5,483.0		2,994	1,200,439	3,313	82,111	35,059	1,317,609
Jan-21	10.699	350,397		87,565	83.4812	407,114		12,585	3,484.5		1,902	762,897	2,357	117,595	16,040	896,532
Feb-21	10.934	358,615		87,687	84.3381	412,068		12,609	3,545.1		1,936	776,164	528	108,580	16,194	900,938
Mar-21	13.075	429,422		87,809	89.9781	440,452		12,633	4,001.4		2,185	876,060	1,712	107,829	16,923	1,000,812
Apr-21	15.329	504,151		87,931	96.4993	473,262		12,657	4,496.1		2,455	984,363	1,147	107,915	13,635	1,105,913
May-21	17.301	569,791		88,054	96.5347	474,323		12,680	4,802.9		2,622	1,051,540	3,408	168,173	18,531	1,238,244
Jun-21	30.994	1,022,194		88,176	140.0884	689,612		12,704	7,874.3		4,299	1,723,979	4,210	160,150	19,670	1,903,799
Jul-21	50.182	1,657,285		88,298	179.9027	887,260		12,728	11,704.9		6,391	2,562,640	20,758	143,530	25,575	2,731,745
Aug-21	67.800	2,242,263		88,421	231.8391	1,145,622		12,752	15,584.3		8,509	3,411,978	10,473	43,426	28,632	3,484,036
Sep-21	73.496	2,434,025		88,544	241.3663	1,195,009		12,777	16,693.6		9,114	3,654,843	5,995	28,159	30,538	3,713,539
Oct-21	59.972	1,988,907		88,668	229.5628	1,138,766		12,802	14,387.3		7,855	3,149,915	12,087	46,676	32,925	3,229,516
Nov-21	37.560	1,247,358		88,791	170.1006	845,426		12,826	9,626.8		5,256	2,107,667	9,142	71,401	34,497	2,213,565
Dec-21	19.176	637,716		88,914	116.0346	577,819		12,851	5,591.5		3,053	1,224,180	3,376	83,671	35,726	1,343,577
Jan-22	10.699	356,289		89,037	83.4812	416,511		12,876	3,554.9		1,941	778,296	2,402	119,864	16,349	914,509
Feb-22	10.934	364,641		89,161	84.3381	421,593		12,901	3,616.7		1,975	791,826	538	110,674	16,507	919,006
Mar-22	13.075	436,633		89,284	89.9781	450,648		12,925	4,081.5		2,228	893,591	1,745	109,908	17,249	1,020,748

United Water Idaho: Monthly Water Demand Forecast, 2000 to 2050, with 1.3% Real Price Increases 2000 - 2021, Constant Real Prices Thereafter

	Residential				Commercial				Public		Predicted "Other" Water Use	Predicted System Water Sales	Predicted Hydrant Water Used	Predicted System Water Losses	Predicted Company Water Use	Predicted System Water Production
	Water Use Per Customer	Predicted Water Use	Annual Average Customers	Linear Interpolation Customers	Water Use Per Customer	Predicted Water Use	Annual Average Customers	Linear Interpolation Customers	Predicted Water Use	Annual Average Customers						
	(100 CCF)	(1,000 Gallons)			(100 CCF)	(1,000 Gallons)			(1,000 Gallons)		(1,000 Gallons)	(1,000 Gallons)	(1,000 Gallons)	(1,000 Gallons)	(1,000 Gallons)	(1,000 Gallons)
Apr-22	15.329	512,611		89,407	96.4993	484,231		12,950	4,585.5		2,504	1,003,931	1,169	109,995	13,898	1,127,824
May-22	17.301	579,347		89,530	96.5347	485,333		12,975	4,897.5		2,674	1,072,251	3,473	171,413	18,888	1,262,552
Jun-22	30.994	1,039,324		89,653	140.0884	705,640		12,999	8,026.8		4,382	1,757,373	4,291	163,235	20,049	1,940,658
Jul-22	50.182	1,685,039		89,777	179.9027	907,910		13,024	11,927.6		6,512	2,611,389	21,158	146,296	26,067	2,783,752
Aug-22	67.800	2,279,780		89,901	231.8391	1,172,202		13,048	15,879.1		8,670	3,476,531	10,674	44,263	29,184	3,549,978
Sep-22	73.496	2,474,714		90,025	241.3663	1,222,649		13,073	17,007.9		9,286	3,723,657	6,111	28,702	31,126	3,783,485
Oct-22	59.972	2,022,125		90,149	229.5628	1,165,023		13,097	14,660.9		8,005	3,209,813	12,320	47,576	33,559	3,290,948
Nov-22	37.560	1,268,173		90,272	170.1006	864,859		13,121	9,811.9		5,357	2,148,201	9,318	72,776	35,162	2,256,138
Dec-22	19.176	648,348		90,396	116.0346	591,060		13,146	5,701.3		3,113	1,248,222	3,441	85,282	36,413	1,369,917
Jan-23	10.699	362,224		90,520	83.4812	426,026		13,170	3,625.9		1,980	793,855	2,448	122,171	16,664	932,690
Feb-23	10.934	370,710		90,644	84.3381	431,194		13,194	3,688.8		2,014	807,606	549	112,803	16,824	937,234
Mar-23	13.075	443,893		90,768	89.9781	460,878		13,219	4,161.9		2,272	911,206	1,779	112,022	17,581	1,040,808
Apr-23	15.329	521,127		90,892	96.4993	495,190		13,243	4,675.1		2,552	1,023,545	1,192	112,108	14,165	1,149,818
May-23	17.301	588,963		91,016	96.5347	496,283		13,267	4,992.1		2,726	1,092,963	3,540	174,705	19,251	1,286,919
Jun-23	30.994	1,056,559		91,140	140.0884	721,512		13,292	8,179.1		4,466	1,790,716	4,373	166,367	20,434	1,977,516
Jul-23	50.182	1,712,958		91,264	179.9027	928,268		13,316	12,149.6		6,633	2,660,009	21,563	149,098	26,567	2,835,674
Aug-23	67.800	2,317,568		91,391	231.8391	1,198,503		13,341	16,173.9		8,831	3,541,075	10,878	45,109	29,741	3,615,925
Sep-23	73.496	2,515,749	Forecast	91,517	241.3663	1,250,099		13,366	17,322.9	Forecast	9,458	3,792,629	6,227	29,249	31,719	3,853,597
Oct-23	59.972	2,055,668		91,644	229.5628	1,191,195		13,391	14,935.6		8,154	3,269,953	12,554	48,480	34,197	3,352,630
Nov-23	37.560	1,289,218		91,771	170.1006	884,300		13,416	9,998.2		5,459	2,188,975	9,495	74,156	35,828	2,298,959
Dec-23	19.176	659,112		91,897	116.0346	604,354		13,441	5,811.9		3,173	1,272,451	3,506	86,897	37,103	1,396,451
Jan-24	10.699	368,240		92,024	83.4812	435,614		13,466	3,697.7		2,019	809,570	2,495	124,483	16,979	951,032
Feb-24	10.934	376,869		92,150	84.3381	440,905		13,491	3,761.8		2,054	823,589	559	114,937	17,142	955,669
Mar-24	13.075	451,271		92,277	89.9781	471,264		13,517	4,243.7		2,317	929,095	1,812	114,141	17,913	1,061,149
Apr-24	15.329	529,791		92,404	96.4993	506,356		13,542	4,766.3		2,602	1,043,516	1,214	114,229	14,433	1,172,177
May-24	17.301	598,759		92,530	96.5347	507,480		13,567	5,088.7		2,778	1,114,105	3,607	178,009	19,615	1,311,730
Jun-24	30.994	1,074,140		92,657	140.0884	737,800		13,592	8,334.9		4,551	1,824,826	4,456	169,514	20,820	2,015,159
Jul-24	50.182	1,741,471		92,783	179.9027	949,237		13,617	12,377.3		6,758	2,709,843	21,971	151,919	27,069	2,888,831
Aug-24	67.800	2,356,110		92,911	231.8391	1,225,505		13,642	16,475.4		8,995	3,607,086	11,084	45,963	30,304	3,683,354
Sep-24	73.496	2,557,550		93,038	241.3663	1,278,190		13,666	17,644.4		9,633	3,863,018	6,345	29,803	32,320	3,925,141
Oct-24	59.972	2,089,794		93,165	229.5628	1,217,893		13,691	15,215.4		8,307	3,331,209	12,792	49,398	34,845	3,415,452
Nov-24	37.560	1,310,600		93,293	170.1006	904,067		13,716	10,187.5		5,562	2,230,417	9,675	75,561	36,507	2,342,486
Dec-24	19.176	670,034		93,420	116.0346	617,829		13,741	5,924.2		3,234	1,297,021	3,572	88,543	37,806	1,423,370
Jan-25	10.699	374,336		93,547	83.4812	445,301		13,766	3,770.3		2,059	825,466	2,542	126,840	17,301	969,607
Feb-25	10.934	383,102		93,675	84.3381	450,684		13,791	3,835.4		2,094	839,716	570	117,113	17,467	974,296
Mar-25	13.075	458,729		93,802	89.9781	481,689		13,816	4,325.9		2,362	947,106	1,847	116,301	18,252	1,081,659
Apr-25	15.329	538,539		93,929	96.4993	517,529		13,840	4,857.9		2,652	1,063,578	1,237	116,389	14,706	1,194,673
May-25	17.301	608,637		94,057	96.5347	518,648		13,865	5,185.5		2,831	1,135,301	3,675	181,374	19,986	1,336,662
Jun-25	30.994	1,091,844		94,184	140.0884	753,996		13,890	8,490.9		4,636	1,858,967	4,540	172,716	21,213	2,052,896
Jul-25	50.182	1,770,149		94,311	179.9027	970,020		13,915	12,604.8		6,882	2,759,656	22,385	154,785	27,580	2,942,020
Aug-25	67.800	2,395,266		94,455	231.8391	1,252,713		13,945	16,780.7		9,162	3,673,922	11,293	46,828	30,875	3,751,624
Sep-25	73.496	2,600,438		94,598	241.3663	1,306,959		13,974	17,974.0		9,813	3,935,184	6,464	30,363	32,928	3,998,475
Oct-25	59.972	2,125,151		94,742	229.5628	1,245,676		14,004	15,505.8		8,466	3,394,799	13,033	50,328	35,501	3,480,628
Nov-25	37.560	1,332,971		94,885	170.1006	924,966		14,033	10,386.5		5,671	2,273,994	9,858	76,987	37,196	2,388,177
Dec-25	19.176	681,570		95,028	116.0346	632,298		14,063	6,043.8		3,300	1,323,212	3,640	90,219	38,522	1,451,953
Jan-26	10.699	380,837		95,172	83.4812	455,864		14,092	3,848.8		2,101	842,651	2,590	129,248	17,629	989,528
Feb-26	10.934	389,813		95,315	84.3381	461,510		14,122	3,916.1		2,138	857,377	581	119,341	17,799	994,517
Mar-26	13.075	466,831		95,459	89.9781	493,404		14,152	4,417.1		2,412	967,064	1,882	118,519	18,600	1,104,184
Apr-26	15.329	548,131		95,602	96.4993	530,270		14,181	4,960.6		2,708	1,086,070	1,261	118,617	14,987	1,219,675
May-26	17.301	619,567		95,746	96.5347	531,571		14,211	5,295.2		2,891	1,159,324	3,746	184,862	20,370	1,364,556
Jun-26	30.994	1,111,612		95,889	140.0884	773,006		14,240	8,669.2		4,733	1,898,020	4,628	176,054	21,623	2,095,698

United Water Idaho: Monthly Water Demand Forecast, 2000 to 2050, with 1.3% Real Price Increases 2000 - 2021, Constant Real Prices Thereafter

	Residential				Commercial				Public		Predicted "Other" Water Use	Predicted System Water Sales	Predicted Hydrant Water Used	Predicted System Water Losses	Predicted Company Water Use	Predicted System Water Production
	Water Use Per Customer	Predicted Water Use	Annual Average Customers	Linear Interpolation Customers	Water Use Per Customer	Predicted Water Use	Annual Average Customers	Linear Interpolation Customers	Predicted Water Use	Annual Average Customers						
	(100 CCF)	(1,000 Gallons)			(100 CCF)	(1,000 Gallons)			(1,000 Gallons)		(1,000 Gallons)	(1,000 Gallons)	(1,000 Gallons)	(1,000 Gallons)	(1,000 Gallons)	(1,000 Gallons)
Jul-26	50.182	1,802,458		96,033	179.9027	994,762		14,270	12,867.2		7,025	2,817,112	22,822	157,805	28,118	3,003,035
Aug-26	67.800	2,438,988		96,179	231.8391	1,284,679		14,300	17,128.9		9,352	3,750,148	11,516	47,755	31,486	3,829,388
Sep-26	73.496	2,647,910		96,325	241.3663	1,340,321		14,331	18,345.9		10,016	4,016,593	6,594	30,974	33,591	4,081,158
Oct-26	59.972	2,163,950		96,471	229.5628	1,277,486		14,361	15,830.6		8,643	3,465,910	13,299	51,358	36,227	3,553,494
Nov-26	37.560	1,357,309		96,617	170.1006	948,595		14,392	10,607.2		5,791	2,322,303	10,062	78,582	37,967	2,438,851
Dec-26	19.176	694,016		96,764	116.0346	648,456		14,422	6,175.4		3,372	1,352,020	3,716	92,103	39,326	1,483,448
Jan-27	10.699	387,792		96,910	83.4812	467,518		14,453	3,934.4		2,148	861,393	2,644	131,957	17,999	1,011,348
Feb-27	10.934	396,932		97,056	84.3381	473,313		14,483	4,003.1		2,186	876,434	593	121,848	18,173	1,016,455
Mar-27	13.075	475,358		97,202	89.9781	506,027		14,514	4,514.4		2,465	988,365	1,922	121,014	18,992	1,128,371
Apr-27	15.329	558,144		97,349	96.4993	543,841		14,544	5,069.1		2,768	1,109,822	1,288	121,119	15,303	1,246,244
May-27	17.301	630,886		97,495	96.5347	545,181		14,575	5,409.9		2,954	1,184,430	3,825	188,767	20,801	1,393,997
Jun-27	30.994	1,131,922		97,641	140.0884	792,804		14,605	8,853.7		4,834	1,938,414	4,725	179,777	22,081	2,140,272
Jul-27	50.182	1,835,393		97,787	179.9027	1,020,249		14,635	13,136.0		7,172	2,875,950	23,305	161,145	28,713	3,065,808
Aug-27	67.800	2,483,561		97,936	231.8391	1,317,609		14,667	17,485.4		9,547	3,828,202	11,760	48,766	32,152	3,909,121
Sep-27	73.496	2,696,308		98,086	241.3663	1,374,694		14,698	18,726.6		10,224	4,099,953	6,734	31,630	34,302	4,165,885
Oct-27	59.972	2,203,508		98,235	229.5628	1,310,262		14,730	16,163.3		8,825	3,538,759	13,581	52,446	36,995	3,628,200
Nov-27	37.560	1,382,125		98,384	170.1006	972,945		14,761	10,833.3		5,915	2,371,818	10,275	80,248	38,772	2,490,838
Dec-27	19.176	706,707	Forecast	98,533	116.0346	665,109		14,793	6,310.4	Forecast	3,445	1,381,572	3,795	94,056	40,160	1,515,788
Jan-28	10.699	394,884		98,682	83.4812	479,530		14,824	4,022.3		2,196	880,633	2,700	134,756	18,380	1,033,769
Feb-28	10.934	404,192		98,831	84.3381	485,479		14,855	4,092.5		2,234	895,999	605	124,434	18,559	1,038,991
Mar-28	13.075	484,055		98,981	89.9781	519,041		14,887	4,614.2		2,519	1,010,229	1,962	123,583	19,395	1,153,206
Apr-28	15.329	568,356		99,130	96.4993	557,833		14,918	5,180.5		2,828	1,134,198	1,315	123,690	15,628	1,273,516
May-28	17.301	642,430		99,279	96.5347	559,213		14,950	5,527.6		3,018	1,210,189	3,906	192,775	21,242	1,424,206
Jun-28	30.994	1,152,638		99,428	140.0884	813,219		14,981	9,042.9		4,937	1,979,838	4,826	183,595	22,550	2,185,983
Jul-28	50.182	1,868,988		99,577	179.9027	1,046,533		15,013	13,411.4		7,322	2,936,256	23,800	164,569	29,323	3,130,147
Aug-28	67.800	2,529,029		99,729	231.8391	1,351,567		15,045	17,850.7		9,746	3,908,193	12,010	49,803	32,836	3,990,832
Sep-28	73.496	2,745,681		99,882	241.3663	1,410,136		15,077	19,116.8		10,437	4,185,371	6,877	32,303	35,032	4,252,706
Oct-28	59.972	2,243,865		100,034	229.5628	1,344,056		15,110	16,504.4		9,011	3,613,437	13,870	53,562	37,782	3,704,781
Nov-28	37.560	1,407,443		100,186	170.1006	998,048		15,142	11,065.3		6,041	2,422,598	10,494	81,956	39,597	2,544,152
Dec-28	19.176	719,655		100,338	116.0346	682,277		15,174	6,448.9		3,521	1,411,901	3,876	96,059	41,015	1,548,976
Jan-29	10.699	402,121		100,491	83.4812	491,912		15,207	4,112.5		2,245	900,390	2,758	137,627	18,772	1,056,789
Feb-29	10.934	411,601		100,643	84.3381	498,019		15,239	4,184.3		2,285	916,089	618	127,085	18,954	1,062,128
Mar-29	13.075	492,928		100,795	89.9781	532,452		15,272	4,716.8		2,575	1,032,673	2,004	126,216	19,808	1,178,697
Apr-29	15.329	578,777		100,947	96.4993	572,252		15,304	5,294.7		2,891	1,159,215	1,343	126,327	15,961	1,301,503
May-29	17.301	654,212		101,100	96.5347	573,674		15,336	5,648.3		3,084	1,236,618	3,990	196,885	21,695	1,455,197
Jun-29	30.994	1,173,781		101,252	140.0884	834,256		15,369	9,237.0		5,043	2,022,317	4,929	187,511	23,031	2,232,858
Jul-29	50.182	1,903,277		101,404	179.9027	1,073,615		15,401	13,693.7		7,476	2,998,062	24,308	168,079	29,949	3,196,090
Aug-29	67.800	2,575,430		101,559	231.8391	1,386,555		15,434	18,225.1		9,951	3,990,161	12,267	50,865	33,537	4,074,563
Sep-29	73.496	2,796,060		101,714	241.3663	1,446,655		15,468	19,516.5		10,656	4,272,887	7,024	32,993	35,780	4,341,659
Oct-29	59.972	2,285,040		101,870	229.5628	1,378,876		15,501	16,854.0		9,202	3,689,973	14,166	54,706	38,589	3,783,268
Nov-29	37.560	1,433,272		102,025	170.1006	1,023,914		15,534	11,303.1		6,171	2,474,660	10,718	83,708	40,443	2,598,811
Dec-29	19.176	732,863		102,180	116.0346	699,965		15,568	6,591.0		3,599	1,443,017	3,959	98,113	41,892	1,583,022
Jan-30	10.699	409,501		102,335	83.4812	504,670		15,601	4,205.2		2,296	920,672	2,817	140,570	19,173	1,080,416
Feb-30	10.934	419,156		102,490	84.3381	510,940		15,635	4,278.4		2,336	936,711	631	129,803	19,360	1,085,874
Mar-30	13.075	501,977		102,645	89.9781	546,272		15,668	4,821.9		2,633	1,055,704	2,047	128,916	20,232	1,204,852
Apr-30	15.329	589,403		102,801	96.4993	587,110		15,701	5,412.0		2,955	1,184,880	1,372	129,030	16,303	1,330,212
May-30	17.301	666,223		102,956	96.5347	588,574		15,735	5,772.1		3,151	1,263,720	4,075	201,098	22,159	1,486,978
Jun-30	30.994	1,195,333		103,111	140.0884	855,932		15,768	9,435.8		5,152	2,065,852	5,034	191,524	23,524	2,280,900
Jul-30	50.182	1,938,225		103,266	179.9027	1,101,520		15,801	13,982.8		7,634	3,061,363	24,828	171,678	30,590	3,263,631
Aug-30	67.800	2,622,730		103,424	231.8391	1,422,608		15,836	18,608.6		10,160	4,074,107	12,529	51,955	34,255	4,160,317
Sep-30	73.496	2,847,423		103,583	241.3663	1,484,284		15,870	19,925.9		10,879	4,362,512	7,175	33,700	36,546	4,432,758

United Water Idaho
Monthly Forecast with 1.3% Real Price Increases 2000 - 2921, Constant Real Prices Thereafter

United Water Idaho: Monthly Water Demand Forecast, 2000 to 2050, with 1.3% Real Price Increases 2000 - 2021, Constant Real Prices Thereafter

	Residential				Commercial				Public							
	Water Use Per Customer	Predicted Water Use	Annual Average Customers	Linear Interpolation Customers	Water Use Per Customer	Predicted Water Use	Annual Average Customers	Linear Interpolation Customers	Predicted Water Use	Annual Average Customers	Predicted "Other" Water Use	Predicted System Water Sales	Predicted Hydrant Water Used	Predicted System Water Losses	Predicted Company Water Use	Predicted System Water Production
	(100 CCF)	(1,000 Gallons)			(100 CCF)	(1,000 Gallons)			(1,000 Gallons)		(1,000 Gallons)	(1,000 Gallons)	(1,000 Gallons)	(1,000 Gallons)	(1,000 Gallons)	(1,000 Gallons)
Oct-30	59.972	2,327,024		103,741	229.5628	1,414,756		15,904	17,212.2		9,397	3,768,390	14,470	55,879	39,416	3,863,685
Nov-30	37.560	1,459,611		103,900	170.1006	1,050,567		15,939	11,546.8		6,304	2,528,029	10,948	85,503	41,310	2,654,843
Dec-30	19.176	746,333		104,058	116.0346	718,192		15,973	6,736.8		3,678	1,474,940	4,043	100,218	42,791	1,617,949
Jan-31	10.699	417,030		104,216	83.4812	517,816		16,008	4,300.3		2,348	941,494	2,877	143,586	19,585	1,104,665
Feb-31	10.934	426,863		104,375	84.3381	524,255		16,042	4,375.1		2,389	957,882	645	132,589	19,775	1,110,246
Mar-31	13.075	511,209		104,533	89.9781	560,512		16,076	4,929.9		2,692	1,079,343	2,091	131,684	20,666	1,231,693
Apr-31	15.329	600,245		104,692	96.4993	602,421		16,111	5,532.3		3,020	1,211,218	1,401	131,800	16,653	1,359,671
May-31	17.301	678,480		104,850	96.5347	603,928		16,145	5,899.1		3,221	1,291,528	4,162	205,417	22,635	1,519,580
Jun-31	30.994	1,217,329		105,008	140.0884	878,268		16,179	9,639.7		5,263	2,110,500	5,142	195,638	24,029	2,330,168
Jul-31	50.182	1,973,900		105,167	179.9027	1,130,276		16,214	14,279.2		7,796	3,126,251	25,362	175,367	31,247	3,332,865
Aug-31	67.800	2,671,008		105,328	231.8391	1,459,762		16,249	19,001.5		10,374	4,160,146	12,799	53,072	34,991	4,248,209
Sep-31	73.496	2,899,841		105,490	241.3663	1,523,066		16,285	20,345.4		11,108	4,454,361	7,329	34,424	37,332	4,526,117
Oct-31	59.972	2,369,866		105,651	229.5628	1,451,738		16,320	17,579.4		9,598	3,848,781	14,781	57,081	40,264	3,946,126
Nov-31	37.560	1,486,486		105,813	170.1006	1,078,041		16,356	11,796.8		6,441	2,582,764	11,184	87,344	42,200	2,712,307
Dec-31	19.176	760,076		105,974	116.0346	736,982		16,391	6,886.5		3,760	1,507,704	4,131	102,376	43,712	1,653,792
Jan-32	10.699	424,709		106,136	83.4812	531,369		16,427	4,398.0		2,401	962,878	2,939	146,680	20,007	1,129,564
Feb-32	10.934	434,725		106,297	84.3381	537,983		16,462	4,474.5		2,443	979,625	659	135,446	20,201	1,135,272
Mar-32	13.075	520,625		106,459	89.9781	575,196		16,497	5,040.8		2,752	1,103,613	2,136	134,521	21,112	1,259,247
Apr-32	15.329	611,301		106,620	96.4993	618,209		16,533	5,655.7		3,088	1,238,254	1,431	134,641	17,012	1,389,906
May-32	17.301	690,979		106,781	96.5347	619,762		16,568	6,029.4		3,292	1,320,062	4,252	209,846	23,123	1,553,031
Jun-32	30.994	1,239,756		106,943	140.0884	901,305		16,604	9,848.9		5,377	2,156,287	5,253	199,857	24,547	2,380,691
Jul-32	50.182	2,010,267	Forecast	107,104	179.9027	1,159,936		16,639	14,582.9	Forecast	7,962	3,192,748	25,909	179,150	31,921	3,403,819
Aug-32	67.800	2,720,225		107,269	231.8391	1,498,081		16,676	19,404.2		10,594	4,248,305	13,075	54,217	35,746	4,338,268
Sep-32	73.496	2,953,282		107,434	241.3663	1,563,061		16,712	20,775.2		11,343	4,548,461	7,487	35,168	38,138	4,621,766
Oct-32	59.972	2,413,545		107,598	229.5628	1,489,872		16,749	17,955.7		9,803	3,931,177	15,101	58,314	41,134	4,030,625
Nov-32	37.560	1,513,887		107,763	170.1006	1,106,369		16,785	12,053.2		6,581	2,638,890	11,425	89,231	43,112	2,771,232
Dec-32	19.176	774,088		107,928	116.0346	756,355		16,822	7,040.0		3,844	1,541,327	4,220	104,589	44,657	1,690,573
Jan-33	10.699	432,540		108,093	83.4812	545,342		16,859	4,498.3		2,456	984,836	3,003	149,851	20,439	1,155,127
Feb-33	10.934	442,741		108,257	84.3381	552,134		16,895	4,576.4		2,499	1,001,950	673	138,375	20,638	1,160,963
Mar-33	13.075	530,226		108,422	89.9781	590,331		16,932	5,154.6		2,814	1,128,526	2,182	137,431	21,568	1,287,526
Apr-33	15.329	622,577		108,587	96.4993	634,482		16,968	5,782.5		3,157	1,265,998	1,462	137,554	17,380	1,420,931
May-33	17.301	703,726		108,751	96.5347	636,081		17,005	6,163.1		3,365	1,349,335	4,344	214,386	23,624	1,587,345
Jun-33	30.994	1,262,629		108,916	140.0884	925,046		17,041	10,063.3		5,494	2,203,232	5,367	204,182	25,078	2,432,493
Jul-33	50.182	2,047,361		109,081	179.9027	1,190,499		17,078	14,894.2		8,132	3,260,886	26,470	183,028	32,612	3,476,526
Aug-33	67.800	2,770,424		109,249	231.8391	1,537,570		17,115	19,816.8		10,820	4,338,631	13,358	55,391	36,520	4,430,542
Sep-33	73.496	3,007,786		109,417	241.3663	1,604,280		17,153	21,215.5		11,583	4,644,864	7,649	35,929	38,964	4,719,758
Oct-33	59.972	2,458,093		109,584	229.5628	1,529,177		17,191	18,341.4		10,014	4,015,625	15,428	59,578	42,025	4,117,229
Nov-33	37.560	1,541,832		109,752	170.1006	1,135,568		17,228	12,316.0		6,724	2,696,440	11,673	91,166	44,047	2,831,653
Dec-33	19.176	788,379		109,920	116.0346	776,325		17,266	7,197.6		3,930	1,575,831	4,311	106,858	45,626	1,728,314
Jan-34	10.699	440,526		110,088	83.4812	559,746		17,304	4,601.3		2,512	1,007,386	3,068	153,102	20,883	1,181,371
Feb-34	10.934	450,916		110,256	84.3381	566,724		17,341	4,681.1		2,556	1,024,877	688	141,378	21,086	1,187,341
Mar-34	13.075	540,017		110,424	89.9781	605,936		17,379	5,271.4		2,878	1,154,103	2,230	140,414	22,037	1,316,554
Apr-34	15.329	634,074		110,592	96.4993	651,260		17,417	5,912.5		3,228	1,294,475	1,494	140,540	17,757	1,452,772
May-34	17.301	716,723		110,760	96.5347	652,909		17,455	6,300.3		3,440	1,379,372	4,439	219,042	24,137	1,622,550
Jun-34	30.994	1,285,951		110,928	140.0884	949,528		17,492	10,283.2		5,614	2,251,376	5,484	208,617	25,623	2,485,616
Jul-34	50.182	2,085,180		111,096	179.9027	1,222,018		17,530	15,213.1		8,306	3,330,718	27,045	187,004	33,321	3,551,043
Aug-34	67.800	2,821,904		111,279	231.8391	1,578,292		17,569	20,240.9		11,051	4,431,489	13,648	56,595	37,314	4,525,397
Sep-34	73.496	3,064,006		111,462	241.3663	1,646,782		17,608	21,669.6		11,831	4,744,289	7,816	36,711	39,812	4,820,812
Oct-34	59.972	2,504,306		111,645	229.5628	1,569,703		17,646	18,740.4		10,232	4,102,981	15,764	60,876	42,941	4,206,798
Nov-34	37.560	1,570,987		111,828	170.1006	1,165,672		17,685	12,588.6		6,873	2,756,120	11,928	93,156	45,008	2,894,284
Dec-34	19.176	803,372		112,011	116.0346	796,912		17,724	7,361.3		4,019	1,611,664	4,406	109,193	46,623	1,767,480

United Water Idaho: Monthly Water Demand Forecast, 2000 to 2050, with 1.3% Real Price Increases 2000 - 2021, Constant Real Prices Thereafter

	Residential				Commercial				Public		Predicted "Other" Water Use	Predicted System Water Sales	Predicted Hydrant Water Used	Predicted System Water Losses	Predicted Company Water Use	Predicted System Water Production
	Water Use Per Customer	Predicted Water Use	Annual Average Customers	Linear Interpolation Customers	Water Use Per Customer	Predicted Water Use	Annual Average Customers	Linear Interpolation Customers	Predicted Water Use	Annual Average Customers						
	(100 CCF)	(1,000 Gallons)			(100 CCF)	(1,000 Gallons)			(1,000 Gallons)		(1,000 Gallons)	(1,000 Gallons)	(1,000 Gallons)	(1,000 Gallons)	(1,000 Gallons)	(1,000 Gallons)
Jan-35	10.699	448,951		112,194	83.4812	574,595		17,763	4,708.3		2,571	1,030,825	3,135	156,451	21,340	1,208,616
Feb-35	10.934	459,589		112,377	84.3381	581,762		17,802	4,790.2		2,615	1,048,756	703	144,473	21,547	1,214,776
Mar-35	13.075	550,462		112,560	89.9781	622,020		17,840	5,393.4		2,945	1,180,820	2,278	143,490	22,519	1,346,829
Apr-35	15.329	646,406		112,743	96.4993	668,552		17,879	6,048.8		3,303	1,324,309	1,527	143,621	18,147	1,486,077
May-35	17.301	730,738		112,926	96.5347	670,250		17,918	6,444.5		3,519	1,410,952	4,536	223,850	24,666	1,659,468
Jun-35	30.994	1,311,234		113,109	140.0884	974,755		17,957	10,515.5		5,741	2,302,246	5,604	213,203	26,186	2,541,635
Jul-35	50.182	2,126,399		113,292	179.9027	1,254,495		17,996	15,552.1		8,491	3,404,937	27,641	191,126	34,055	3,630,118
Aug-35	67.800	2,877,691		113,479	231.8391	1,620,256		18,036	20,690.6		11,297	4,529,934	13,950	57,848	38,140	4,625,922
Sep-35	73.496	3,124,584		113,665	241.3663	1,690,586		18,076	22,149.8		12,093	4,849,413	7,990	37,528	40,698	4,927,640
Oct-35	59.972	2,553,823		113,852	229.5628	1,611,475		18,116	19,160.4		10,461	4,194,919	16,117	62,239	43,902	4,301,060
Nov-35	37.560	1,602,052		114,039	170.1006	1,196,706		18,156	12,874.3		7,029	2,818,661	12,196	95,249	46,019	2,959,929
Dec-35	19.176	819,259		114,226	116.0346	818,137		18,196	7,532.0		4,112	1,649,041	4,505	111,652	47,673	1,808,366
Jan-36	10.699	457,830	Forecast	114,413	83.4812	589,905		18,236	4,819.6	Forecast	2,631	1,055,187	3,206	159,980	21,821	1,236,987
Feb-36	10.934	468,679		114,599	84.3381	597,270		18,276	4,903.4		2,677	1,073,530	719	147,733	22,034	1,243,296
Mar-36	13.075	561,351		114,786	89.9781	638,609		18,316	5,519.8		3,014	1,208,493	2,330	146,729	23,028	1,378,250
Apr-36	15.329	659,193		114,973	96.4993	686,390		18,356	6,189.7		3,379	1,355,152	1,561	146,866	18,557	1,520,574
May-36	17.301	745,195		115,160	96.5347	688,141		18,396	6,593.3		3,600	1,443,529	4,638	228,909	25,224	1,697,662
Jun-36	30.994	1,337,178		115,347	140.0884	1,000,784		18,436	10,754.6		5,872	2,354,589	5,731	218,023	26,778	2,599,390
Jul-36	50.182	2,168,476		115,534	179.9027	1,288,008		18,476	15,899.8		8,681	3,481,065	28,266	195,449	34,826	3,711,339
Aug-36	67.800	2,934,644		115,724	231.8391	1,663,555		18,518	21,151.7		11,548	4,630,900	14,266	59,157	39,003	4,729,059
Sep-36	73.496	3,186,435		115,915	241.3663	1,735,781		18,559	22,642.2		12,362	4,957,220	8,171	38,378	41,620	5,037,218
Oct-36	59.972	2,604,385		116,106	229.5628	1,654,570		18,600	19,591.2		10,696	4,289,242	16,482	63,648	44,896	4,397,786
Nov-36	37.560	1,633,776		116,297	170.1006	1,228,720		18,642	13,167.5		7,189	2,882,852	12,472	97,407	47,062	3,027,321
Dec-36	19.176	835,485		116,488	116.0346	840,031		18,683	7,707.4		4,208	1,687,432	4,607	114,183	48,754	1,850,368
Jan-37	10.699	466,900		116,679	83.4812	605,697		18,724	4,933.9		2,694	1,080,225	3,279	163,607	22,316	1,266,147
Feb-37	10.934	477,965		116,870	84.3381	613,264		18,766	5,019.7		2,741	1,098,990	735	151,083	22,533	1,272,605
Mar-37	13.075	572,474		117,061	89.9781	655,716		18,807	5,649.7		3,085	1,236,924	2,383	150,057	23,550	1,410,532
Apr-37	15.329	672,258		117,252	96.4993	704,783		18,848	6,334.4		3,458	1,386,834	1,597	150,197	18,977	1,556,009
May-37	17.301	759,968		117,443	96.5347	706,587		18,890	6,746.2		3,683	1,476,984	4,744	234,103	25,796	1,736,883
Jun-37	30.994	1,363,690		117,634	140.0884	1,027,620		18,931	11,000.0		6,006	2,408,316	5,861	222,971	27,386	2,658,673
Jul-37	50.182	2,211,477		117,825	179.9027	1,322,558		18,972	16,256.6		8,876	3,559,167	28,908	199,886	35,616	3,794,669
Aug-37	67.800	2,992,842		118,019	231.8391	1,708,193		19,015	21,624.8		11,807	4,734,467	14,590	60,500	39,889	4,834,856
Sep-37	73.496	3,249,631		118,214	241.3663	1,782,372		19,057	23,147.2		12,638	5,067,788	8,356	39,250	42,565	5,149,603
Oct-37	59.972	2,656,041		118,409	229.5628	1,698,995		19,100	20,033.2		10,938	4,386,007	16,857	65,095	45,917	4,497,019
Nov-37	37.560	1,666,183		118,604	170.1006	1,261,722		19,142	13,468.4		7,353	2,948,726	12,756	99,622	48,132	3,096,481
Dec-37	19.176	852,059		118,799	116.0346	862,601		19,185	7,887.4		4,306	1,726,853	4,712	116,780	49,863	1,893,496
Jan-38	10.699	476,162		118,994	83.4812	621,976		19,228	5,051.4		2,758	1,105,948	3,353	167,329	22,823	1,296,100
Feb-38	10.934	487,448		119,189	84.3381	629,752		19,270	5,139.1		2,806	1,125,145	752	154,520	23,046	1,302,711
Mar-38	13.075	583,833		119,384	89.9781	673,350		19,313	5,783.0		3,157	1,266,124	2,437	153,472	24,086	1,443,682
Apr-38	15.329	685,598		119,578	96.4993	723,743		19,355	6,483.0		3,540	1,419,363	1,633	153,616	19,409	1,592,389
May-38	17.301	775,049		119,773	96.5347	725,601		19,398	6,903.0		3,769	1,511,322	4,852	239,432	26,383	1,777,138
Jun-38	30.994	1,390,754		119,968	140.0884	1,055,282		19,440	11,251.8		6,143	2,463,431	5,994	228,049	28,010	2,719,489
Jul-38	50.182	2,255,368		120,163	179.9027	1,358,170		19,483	16,622.3		9,075	3,639,236	29,566	204,439	36,427	3,880,102
Aug-38	67.800	3,052,248		120,362	231.8391	1,754,207		19,527	22,109.7		12,071	4,840,636	14,922	61,878	40,798	4,943,312
Sep-38	73.496	3,314,141		120,561	241.3663	1,830,401		19,571	23,664.9		12,921	5,181,127	8,547	40,144	43,535	5,264,807
Oct-38	59.972	2,708,772		120,760	229.5628	1,744,794		19,615	20,486.4		11,185	4,485,238	17,241	66,579	46,964	4,598,780
Nov-38	37.560	1,699,265		120,959	170.1006	1,295,746		19,659	13,777.1		7,522	3,016,310	13,047	101,894	49,230	3,167,434
Dec-38	19.176	868,978		121,158	116.0346	885,870		19,702	8,072.3		4,407	1,767,328	4,819	119,445	51,000	1,937,773
Jan-39	10.699	485,619		121,357	83.4812	638,760		19,746	5,172.1		2,824	1,132,375	3,430	171,147	23,344	1,326,866
Feb-39	10.934	497,129		121,556	84.3381	646,752		19,790	5,261.9		2,873	1,152,016	769	158,047	23,572	1,333,635
Mar-39	13.075	595,430		121,755	89.9781	691,534		19,834	5,920.0		3,232	1,296,116	2,493	156,976	24,636	1,477,727

United Water Idaho: Monthly Water Demand Forecast, 2000 to 2050, with 1.3% Real Price Increases 2000 - 2021, Constant Real Prices Thereafter

	Residential				Commercial				Public		Predicted "Other" Water Use	Predicted System Water Sales	Predicted Hydrant Water Used	Predicted System Water Losses	Predicted Company Water Use	Predicted System Water Production
	Water Use Per Customer	Predicted Water Use	Annual Average Customers	Linear Interpolation Customers	Water Use Per Customer	Predicted Water Use	Annual Average Customers	Linear Interpolation Customers	Predicted Water Use	Annual Average Customers						
	(100 CCF)	(1,000 Gallons)			(100 CCF)	(1,000 Gallons)			(1,000 Gallons)		(1,000 Gallons)	(1,000 Gallons)	(1,000 Gallons)	(1,000 Gallons)	(1,000 Gallons)	(1,000 Gallons)
Apr-39	15.329	699,217		121,954	96.4993	743,294		19,878	6,635.6		3,623	1,452,770	1,671	157,123	19,853	1,629,746
May-39	17.301	790,447		122,153	96.5347	745,210		19,922	7,064.0		3,857	1,546,577	4,963	244,900	26,986	1,818,463
Jun-39	30.994	1,418,386		122,352	140.0884	1,083,810		19,966	11,510.1		6,284	2,519,991	6,131	233,257	28,649	2,781,897
Jul-39	50.182	2,300,184		122,551	179.9027	1,394,899		20,010	16,997.4		9,280	3,721,361	30,242	209,109	37,260	3,967,730
Aug-39	67.800	3,112,910		122,754	231.8391	1,801,664		20,055	22,607.0		12,343	4,949,524	15,263	63,292	41,730	5,054,547
Sep-39	73.496	3,380,020		122,958	241.3663	1,879,939		20,100	24,195.8		13,210	5,297,365	8,742	41,062	44,531	5,382,958
Oct-39	59.972	2,762,627		123,161	229.5628	1,792,035		20,146	20,951.4		11,439	4,587,052	17,635	68,102	48,038	4,703,192
Nov-39	37.560	1,733,056		123,364	170.1006	1,330,842		20,191	14,093.9		7,695	3,085,687	13,345	104,226	50,356	3,240,269
Dec-39	19.176	886,262		123,568	116.0346	909,874		20,236	8,262.2		4,511	1,808,909	4,930	122,179	52,167	1,983,255
Jan-40	10.699	495,279		123,771	83.4812	656,075		20,282	5,296.2		2,892	1,159,542	3,508	175,066	23,878	1,358,486
Feb-40	10.934	507,020	-	123,974	84.3381	664,290		20,327	5,388.0		2,942	1,179,640	786	161,666	24,112	1,365,418
Mar-40	13.075	607,279		124,178	89.9781	710,294		20,372	6,060.8		3,309	1,326,942	2,550	160,571	25,200	1,512,713
Apr-40	15.329	713,134		124,381	96.4993	763,466		20,418	6,792.4		3,708	1,487,101	1,709	160,723	20,307	1,668,131
May-40	17.301	806,182		124,585	96.5347	765,441		20,463	7,229.5		3,947	1,582,800	5,076	250,511	27,604	1,860,915
Jun-40	30.994	1,446,627		124,788	140.0884	1,113,245		20,508	11,775.4		6,429	2,578,076	6,272	238,603	29,306	2,845,985
Jul-40	50.182	2,345,990		124,991	179.9027	1,432,797		20,553	17,382.4		9,490	3,805,660	30,935	213,903	38,114	4,057,677
Aug-40	67.800	3,174,575		125,186	231.8391	1,850,629		20,600	23,115.9		12,621	5,060,941	15,613	64,744	42,687	5,168,372
Sep-40	73.496	3,446,623	Forecast	125,380	241.3663	1,931,047		20,647	24,737.3	Forecast	13,506	5,415,914	8,943	42,004	45,552	5,503,469
Oct-40	59.972	2,816,778		125,575	229.5628	1,840,767		20,694	21,424.7		11,697	4,690,667	18,040	69,663	49,139	4,809,469
Nov-40	37.560	1,766,846		125,770	170.1006	1,367,044		20,740	14,415.9		7,871	3,156,177	13,651	106,613	51,510	3,314,300
Dec-40	19.176	903,450		125,964	116.0346	934,632		20,787	8,455.2		4,616	1,851,154	5,042	124,976	53,362	2,029,491
Jan-41	10.699	504,833		126,159	83.4812	673,933		20,834	5,422.3		2,960	1,187,149	3,588	179,072	24,425	1,390,646
Feb-41	10.934	516,749		126,353	84.3381	682,377		20,880	5,516.0		3,012	1,207,654	804	165,365	24,663	1,397,682
Mar-41	13.075	618,870		126,548	89.9781	729,638		20,927	6,203.1		3,387	1,358,098	2,608	164,243	25,776	1,548,118
Apr-41	15.329	726,673		126,743	96.4993	784,265		20,974	6,950.3		3,795	1,521,683	1,748	164,397	20,772	1,706,851
May-41	17.301	821,405		126,937	96.5347	786,300		21,021	7,395.4		4,038	1,619,139	5,192	256,234	28,235	1,903,607
Jun-41	30.994	1,473,798		127,132	140.0884	1,143,591		21,067	12,040.0		6,574	2,636,002	6,415	244,048	29,975	2,910,024
Jul-41	50.182	2,389,816		127,326	179.9027	1,471,865		21,114	17,763.7		9,699	3,889,143	31,640	218,775	38,982	4,146,900
Aug-41	67.800	3,233,884		127,525	231.8391	1,901,109		21,162	23,621.0		12,897	5,171,511	15,968	66,213	43,656	5,281,380
Sep-41	73.496	3,511,020		127,723	241.3663	1,983,741		21,210	25,275.9		13,800	5,533,837	9,145	42,953	46,581	5,623,371
Oct-41	59.972	2,869,410		127,921	229.5628	1,891,017		21,258	21,898.0		11,956	4,794,282	18,445	71,230	50,244	4,915,755
Nov-41	37.560	1,799,863		128,120	170.1006	1,404,376		21,307	14,739.5		8,047	3,227,026	13,957	109,004	52,665	3,388,695
Dec-41	19.176	920,334		128,318	116.0346	960,166		21,355	8,650.3		4,723	1,893,873	5,155	127,773	54,556	2,076,202
Jan-42	10.699	514,268		128,517	83.4812	692,351		21,403	5,550.5		3,030	1,215,201	3,669	183,077	24,971	1,423,249
Feb-42	10.934	526,408		128,715	84.3381	701,033		21,451	5,646.2		3,083	1,236,170	822	169,063	25,215	1,430,448
Mar-42	13.075	630,438		128,913	89.9781	749,594		21,499	6,348.1		3,466	1,389,846	2,666	167,916	26,353	1,584,115
Apr-42	15.329	740,257		129,112	96.4993	805,723		21,548	7,111.5		3,883	1,556,974	1,787	168,072	21,236	1,746,282
May-42	17.301	836,761		129,310	96.5347	807,822		21,596	7,565.1		4,130	1,656,279	5,308	261,962	28,866	1,947,107
Jun-42	30.994	1,501,352		129,509	140.0884	1;174,904		21,644	12,310.8		6,721	2,695,288	6,558	249,504	30,645	2,975,436
Jul-42	50.182	2,434,500		129,707	179.9027	1,512,181		21,692	18,154.7		9,912	3,974,748	32,347	223,666	39,853	4,238,267
Aug-42	67.800	3,294,356		129,909	231.8391	1,953,199		21,742	24,138.8		13,179	5,284,873	16,325	67,694	44,632	5,397,199
Sep-42	73.496	3,576,681		130,112	241.3663	2,038,111		21,792	25,828.0		14,102	5,654,722	9,349	43,914	47,623	5,746,259
Oct-42	59.972	2,923,078		130,314	229.5628	1,942,861		21,841	22,383.3		12,221	4,900,544	18,858	72,824	51,369	5,024,737
Nov-42	37.560	1,833,530		130,516	170.1006	1,442,890		21,891	15,071.5		8,229	3,299,720	14,270	111,445	53,844	3,465,009
Dec-42	19.176	937,551		130,719	116.0346	986,505		21,941	8,850.7		4,832	1,937,739	5,271	130,635	55,778	2,124,152
Jan-43	10.699	523,890		130,921	83.4812	711,349		21,990	5,682.1		3,102	1,244,024	3,751	187,180	25,531	1,456,734
Feb-43	10.934	536,257		131,123	84.3381	720,275		22,040	5,780.0		3,156	1,265,468	841	172,852	25,780	1,464,100
Mar-43	13.075	642,235		131,326	89.9781	770,175		22,090	6,497.1		3,547	1,422,455	2,726	171,680	26,943	1,621,078
Apr-43	15.329	754,111		131,528	96.4993	827,851		22,139	7,277.0		3,973	1,593,212	1,827	171,840	21,712	1,786,764
May-43	17.301	852,423		131,730	96.5347	830,014		22,189	7,739.2		4,225	1,694,402	5,427	267,836	29,513	1,991,751
Jun-43	30.994	1,529,455		131,933	140.0884	1,207,190		22,239	12,588.6		6,873	2,756,106	6,705	255,100	31,332	3,042,538

United Water Idaho: Monthly Water Demand Forecast, 2000 to 2050, with 1.3% Real Price Increases 2000 - 2021, Constant Real Prices Thereafter

	Residential				Commercial				Public		Predicted "Other" Water Use	Predicted System Water Sales	Predicted Hydrant Water Used	Predicted System Water Losses	Predicted Company Water Use	Predicted System Water Production
	Water Use Per Customer	Predicted Water Use	Annual Average Customers	Linear Interpolation Customers	Water Use Per Customer	Predicted Water Use	Annual Average Customers	Linear Interpolation Customers	Predicted Water Use	Annual Average Customers						
	(100 CCF)	(1,000 Gallons)			(100 CCF)	(1,000 Gallons)			(1,000 Gallons)		(1,000 Gallons)	(1,000 Gallons)	(1,000 Gallons)	(1,000 Gallons)	(1,000 Gallons)	(1,000 Gallons)
Jul-43	50.182	2,480,075		132,135	179.9027	1,553,747		22,289	18,555.6		10,131	4,062,508	33,073	228,684	40,747	4,331,940
Aug-43	67.800	3,356,036		132,342	231.8391	2,006,907		22,340	24,669.5		13,469	5,401,082	16,691	69,213	45,634	5,515,928
Sep-43	73.496	3,643,655		132,548	241.3663	2,094,175		22,391	26,394.0		14,411	5,778,635	9,559	44,900	48,692	5,872,227
Oct-43	59.972	2,977,821		132,754	229.5628	1,996,325		22,442	22,881.1		12,493	5,009,519	19,282	74,460	52,523	5,136,501
Nov-43	37.560	1,867,872		132,961	170.1006	1,482,610		22,494	15,412.2		8,415	3,374,309	14,590	113,949	55,054	3,543,311
Dec-43	19.176	955,113		133,167	116.0346	1,013,671		22,545	9,056.4		4,945	1,982,786	5,389	133,572	57,032	2,173,389
Jan-44	10.699	533,705		133,374	83.4812	730,946		22,596	5,817.4		3,176	1,273,644	3,835	191,388	26,105	1,491,137
Feb-44	10.934	546,305		133,580	84.3381	740,124		22,647	5,917.6		3,231	1,295,578	860	176,739	26,360	1,498,677
Mar-44	13.075	654,270		133,787	89.9781	791,407		22,699	6,650.1		3,631	1,455,959	2,787	175,541	27,549	1,659,049
Apr-44	15.329	768,244		133,993	96.4993	850,682		22,750	7,447.1		4,066	1,630,439	1,868	175,706	22,200	1,828,345
May-44	17.301	868,401		134,200	96.5347	852,913		22,801	7,918.0		4,323	1,733,554	5,549	273,862	30,177	2,037,594
Jun-44	30.994	1,558,127		134,406	140.0884	1,240,505		22,853	12,873.7		7,029	2,818,535	6,856	260,841	32,037	3,111,412
Jul-44	50.182	2,526,574		134,613	179.9027	1,596,642		22,904	18,966.8		10,355	4,152,538	33,817	233,832	41,665	4,428,034
Aug-44	67.800	3,419,232		134,834	231.8391	2,062,330		22,957	25,215.2		13,767	5,520,544	17,067	70,772	46,661	5,637,977
Sep-44	73.496	3,712,563		135,055	241.3663	2,152,028		23,010	26,977.1		14,729	5,906,297	9,775	45,912	49,790	6,001,998
Oct-44	59.972	3,034,377		135,276	229.5628	2,051,492		23,063	23,395.0		12,773	5,122,038	19,717	76,140	53,708	5,251,885
Nov-44	37.560	1,903,499		135,497	170.1006	1,523,594		23,115	15,764.6		8,607	3,451,465	14,920	116,523	56,298	3,624,286
Dec-44	19.176	973,407		135,718	116.0346	1,041,702		23,168	9,269.5		5,061	2,029,440	5,511	136,593	58,322	2,224,355
Jan-45	10.699	543,970	Forecast	135,939	83.4812	751,165		23,221	5,957.6	Forecast	3,253	1,304,345	3,922	195,720	26,696	1,526,761
Feb-45	10.934	556,857		136,160	84.3381	760,604		23,274	6,060.3		3,309	1,326,830	879	180,742	26,957	1,534,528
Mar-45	13.075	666,959		136,381	89.9781	813,313		23,327	6,809.3		3,718	1,490,799	2,851	179,519	28,174	1,698,491
Apr-45	15.329	783,204		136,602	96.4993	874,236		23,380	7,624.2		4,163	1,669,227	1,910	179,690	22,704	1,871,621
May-45	17.301	885,380		136,824	96.5347	876,536		23,433	8,104.8		4,425	1,774,446	5,675	280,078	30,862	2,085,386
Jun-45	30.994	1,588,716		137,045	140.0884	1,274,874		23,486	13,172.5		7,192	2,883,954	7,012	266,767	32,765	3,183,486
Jul-45	50.182	2,576,373		137,266	179.9027	1,640,892		23,539	19,399.4		10,592	4,247,255	34,587	239,155	42,613	4,529,024
Aug-45	67.800	3,486,634		137,492	231.8391	2,119,506		23,593	25,788.2		14,080	5,646,008	17,457	72,388	47,727	5,766,123
Sep-45	73.496	3,785,756		137,717	241.3663	2,211,710		23,648	27,588.3		15,063	6,040,118	9,999	46,964	50,931	6,138,014
Oct-45	59.972	3,094,207		137,943	229.5628	2,108,406		23,702	23,932.0		13,066	5,239,612	20,171	77,892	54,944	5,372,449
Nov-45	37.560	1,941,035		138,169	170.1006	1,565,877		23,757	16,131.8		8,808	3,531,852	15,264	119,214	57,598	3,708,663
Dec-45	19.176	992,605		138,395	116.0346	1,070,621		23,812	9,490.8		5,182	2,077,899	5,639	139,752	59,671	2,277,322
Jan-46	10.699	554,700		138,621	83.4812	772,025		23,866	6,102.9		3,332	1,336,160	4,013	200,250	27,314	1,563,724
Feb-46	10.934	567,842		138,846	84.3381	781,734		23,921	6,208.0		3,389	1,359,173	900	184,927	27,581	1,571,681
Mar-46	13.075	680,118		139,072	89.9781	835,914		23,975	6,973.7		3,808	1,526,813	2,917	183,678	28,826	1,739,318
Apr-46	15.329	798,658		139,298	96.4993	898,538		24,030	7,807.1		4,263	1,709,266	1,955	183,855	23,230	1,916,351
May-46	17.301	902,852		139,524	96.5347	900,910		24,084	8,297.3		4,530	1,816,590	5,807	286,573	31,578	2,134,740
Jun-46	30.994	1,620,072		139,749	140.0884	1,310,336		24,139	13,479.9		7,360	2,951,247	7,175	272,955	33,525	3,257,728
Jul-46	50.182	2,627,228		139,975	179.9027	1,686,550		24,194	19,843.4		10,834	4,344,455	35,390	244,705	43,602	4,632,762
Aug-46	67.800	3,555,462		140,206	231.8391	2,178,500		24,250	26,376.2		14,401	5,774,739	17,862	74,069	48,835	5,897,643
Sep-46	73.496	3,860,496		140,436	241.3663	2,273,289		24,306	28,215.4		15,405	6,177,406	10,231	48,055	52,114	6,277,575
Oct-46	59.972	3,155,300		140,667	229.5628	2,167,126		24,362	24,483.2		13,367	5,360,276	20,639	79,702	56,221	5,496,199
Nov-46	37.560	1,979,363		140,897	170.1006	1,609,501		24,419	16,508.8		9,013	3,614,385	15,619	121,984	58,936	3,795,306
Dec-46	19.176	1,012,207		141,128	116.0346	1,100,456		24,475	9,718.2		5,306	2,127,687	5,770	143,001	61,058	2,331,746
Jan-47	10.699	565,655		141,358	83.4812	793,545		24,531	6,252.3		3,414	1,368,866	4,106	204,907	27,949	1,601,722
Feb-47	10.934	579,057		141,589	84.3381	803,531		24,588	6,359.9		3,472	1,392,420	920	189,228	28,223	1,609,871
Mar-47	13.075	693,552		141,819	89.9781	859,229		24,644	7,142.8		3,900	1,563,823	2,984	187,951	29,497	1,781,271
Apr-47	15.329	814,435		142,050	96.4993	923,606		24,700	7,995.0		4,365	1,750,401	2,000	188,133	23,771	1,962,305
May-47	17.301	920,689		142,280	96.5347	926,052		24,757	8,495.0		4,638	1,859,874	5,942	293,242	32,313	2,185,428
Jun-47	30.994	1,652,080		142,511	140.0884	1,346,914		24,813	13,795.4		7,532	3,020,322	7,342	279,309	34,305	3,333,936
Jul-47	50.182	2,679,139		142,741	179.9027	1,733,644		24,869	20,298.8		11,083	4,444,164	36,214	250,402	44,617	4,739,184
Aug-47	67.800	3,625,721		142,976	231.8391	2,239,352		24,927	26,979.3		14,730	5,906,783	18,278	75,794	49,972	6,032,549
Sep-47	73.496	3,936,791		143,212	241.3663	2,336,811		24,985	28,858.6		15,756	6,318,217	10,469	49,175	53,328	6,420,720

United Water Idaho
Monthly Forecast with 1.3% Real Price Increases 2000 - 2921, Constant Real Prices Thereafter

United Water Idaho: Monthly Water Demand Forecast, 2000 to 2050, with 1.3% Real Price Increases 2000 - 2021, Constant Real Prices Thereafter

	Residential				Commercial				Public							
	Water Use Per Customer	Predicted Water Use	Annual Average Customers	Linear Interpolation Customers	Water Use Per Customer	Predicted Water Use	Annual Average Customers	Linear Interpolation Customers	Predicted Water Use	Annual Average Customers	Predicted "Other" Water Use	Predicted System Water Sales	Predicted Hydrant Water Used	Predicted System Water Losses	Predicted Company Water Use	Predicted System Water Production
	(100 CCF)	(1,000 Gallons)			(100 CCF)	(1,000 Gallons)			(1,000 Gallons)		(1,000 Gallons)	(1,000 Gallons)	(1,000 Gallons)	(1,000 Gallons)	(1,000 Gallons)	(1,000 Gallons)
Oct-47	59.972	3,217,664		143,447	229.5628	2,227,703		25,043	25,048.7		13,676	5,484,091	21,120	81,560	57,531	5,623,182
Nov-47	37.560	2,018,489		143,682	170.1006	1,654,506		25,102	16,895.8		9,225	3,699,115	15,983	124,828	60,310	3,884,254
Dec-47	19.176	1,032,217		143,918	116.0346	1,131,238		25,160	9,951.9		5,434	2,178,840	5,904	146,336	62,482	2,387,658
Jan-48	10.699	576,838		144,153	83.4812	815,750		25,218	6,405.9		3,497	1,402,491	4,202	209,687	28,601	1,640,779
Feb-48	10.934	590,507		144,388	84.3381	826,022		25,276	6,516.0		3,558	1,426,603	942	193,643	28,881	1,649,127
Mar-48	13.075	707,267		144,624	89.9781	883,288		25,334	7,316.5		3,995	1,601,866	3,054	192,337	30,185	1,824,388
Apr-48	15.329	830,542		144,859	96.4993	949,477		25,392	8,188.1		4,471	1,792,677	2,047	192,524	24,325	2,009,527
May-48	17.301	938,899		145,094	96.5347	951,999		25,450	8,698.1		4,749	1,904,345	6,081	300,088	33,067	2,237,500
Jun-48	30.994	1,684,759		145,329	140.0884	1,384,667		25,508	14,119.4		7,709	3,091,254	7,513	285,830	35,106	3,412,191
Jul-48	50.182	2,732,139		145,565	179.9027	1,782,252		25,566	20,766.2		11,338	4,546,496	37,059	256,250	45,659	4,848,405
Aug-48	67.800	3,697,452		145,805	231.8391	2,302,156		25,626	27,598.2		15,068	6,042,274	18,705	77,564	51,140	6,170,978
Sep-48	73.496	4,014,681		146,045	241.3663	2,402,365		25,686	29,518.4		16,116	6,462,681	10,714	50,324	54,575	6,567,579
Oct-48	59.972	3,281,330		146,285	229.5628	2,290,212		25,746	25,629.1		13,993	5,611,164	21,614	83,467	58,876	5,753,507
Nov-48	37.560	2,058,430		146,525	170.1006	1,700,943		25,806	17,293.1		9,442	3,786,108	16,357	127,748	61,721	3,975,577
Dec-48	19.176	1,052,643		146,766	116.0346	1,162,997		25,866	10,191.9		5,565	2,231,396	6,042	149,760	63,944	2,445,101
Jan-49	10.699	588,254		147,006	83.4812	838,657		25,926	6,563.8		3,584	1,437,059	4,300	214,595	29,270	1,680,924
Feb-49	10.934	602,194	Forecast	147,246	84.3381	849,224		25,986	6,676.5	Forecast	3,645	1,461,740	964	198,176	29,557	1,689,473
Mar-49	13.075	721,265		147,486	89.9781	908,104		26,046	7,495.1		4,092	1,640,957	3,126	196,840	30,892	1,868,688
Apr-49	15.329	846,982		147,726	96.4993	976,159		26,106	8,386.4		4,579	1,836,106	2,095	197,032	24,895	2,058,033
May-49	17.301	957,484		147,966	96.5347	978,760		26,166	8,906.7		4,863	1,950,014	6,223	307,116	33,842	2,290,971
Jun-49	30.994	1,718,111		148,206	140.0884	1,423,599		26,226	14,451.9		7,890	3,164,052	7,689	292,525	35,929	3,492,507
Jul-49	50.182	2,786,229		148,447	179.9027	1,832,376		26,285	21,245.6		11,600	4,651,449	37,928	262,254	46,729	4,960,433
Aug-49	67.800	3,770,665		148,692	231.8391	2,366,927		26,347	28,232.9		15,415	6,181,239	19,144	79,382	52,338	6,312,959
Sep-49	73.496	4,094,190		148,937	241.3663	2,469,982		26,409	30,195.2		16,486	6,610,852	10,965	51,504	55,854	6,718,210
Oct-49	59.972	3,346,327		149,183	229.5628	2,354,697		26,471	26,224.7		14,318	5,741,567	22,121	85,424	60,257	5,887,247
Nov-49	37.560	2,099,210		149,428	170.1006	1,748,855		26,533	17,701.1		9,664	3,875,431	16,741	130,745	63,169	4,069,345
Dec-49	19.176	1,073,501		149,674	116.0346	1,195,768		26,595	10,438.6		5,699	2,285,408	6,184	153,275	65,445	2,504,127
Jan-50	10.699	599,912		149,919	83.4812	862,299		26,657	6,726.2		3,672	1,472,609	4,401	219,632	29,957	1,722,198
Feb-50	10.934	614,130		150,165	84.3381	873,173		26,719	6,841.6		3,735	1,497,880	987	202,829	30,251	1,730,959
Mar-50	13.075	735,565		150,410	89.9781	933,723		26,781	7,678.7		4,192	1,681,159	3,199	201,462	31,617	1,914,238
Apr-50	15.329	863,776		150,655	96.4993	1,003,708		26,842	8,590.4		4,690	1,880,765	2,144	201,660	25,480	2,107,905
May-50	17.301	976,474		150,901	96.5347	1,006,392		26,904	9,121.2		4,980	1,996,967	6,369	314,330	34,637	2,345,934
Jun-50	30.994	1,752,191		151,146	140.0884	1,463,806		26,966	14,793.6		8,077	3,238,868	7,870	299,399	36,773	3,575,040
Jul-50	50.182	2,841,506		151,392	179.9027	1,884,147		27,028	21,738.0		11,868	4,759,259	38,819	268,418	47,827	5,075,505
Aug-50	67.800	3,845,350		151,637	231.8391	2,433,642		27,090	28,883.4		15,770	6,323,646	19,594	81,249	53,569	6,458,463
Sep-50	73.496	4,175,150		151,883	241.3663	2,539,438		27,152	30,887.1		16,864	6,762,339	11,223	52,715	57,168	6,872,221
Oct-50	59.972	3,412,390		152,128	229.5628	2,420,756		27,214	26,832.5		14,650	5,874,629	22,641	87,432	61,674	6,023,735
Nov-50	37.560	2,140,586		152,374	170.1006	1,797,802		27,276	18,116.6		9,891	3,966,395	17,134	133,818	64,654	4,164,867
Dec-50	19.176	1,094,626		152,619	116.0346	1,229,157		27,337	10,689.4		5,836	2,340,308	6,329	156,875	66,982	2,564,166

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United Water Idaho

Appendix A
to

Integrated Municipal Application Package ("IMAP")

Monthly Water Demand Forecast for the Years 2000 to 2050

with and Constant Real Prices 2000 - 2050

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United Water Idaho: Monthly Water Demand Forecast: Annual Summary, 2000 to 2050, with Constant Real Prices

Year	Residential	Commercial	Public	Subtotal	Other Water Sales	Total System Water Sales	Hydrant Water Use	System Losses	Company Water Use	Total System Water Sales, Losses & Comp. Use		September Peak Month Water		Annual Peak Day Water	
		(Gallons x 1,000)		(Gallons x 1,000)		(Gallons x 1,000)	(Gallons x 1,000)	(Gallons x 1,000)	(Gallons x 1,000)	(Gallons x 1,000)	(Avg. CFS)	(Gallons x 1,000)	(Avg. CFS)	(Gallons x 1,000)	(Avg. CFS)
2000	9,863,251	5,501,744	72,049	15,437,043	39,337	15,774,105	56,467	893,558	216,771	16,940,901	71.6	2,488,084	128.3	95,045	147.1
2001	10,194,156	5,496,574	72,177	15,762,907	39,407	15,802,314	57,659	912,420	221,346	16,993,740	72.0	2,572,628	132.7	98,274	152.1
2002	10,407,017	5,640,378	73,818	16,121,213	40,303	16,161,516	58,969	933,161	226,378	17,380,024	73.7	2,631,204	135.7	100,512	155.5
2003	10,619,854	5,799,194	75,528	16,494,576	41,236	16,535,812	60,335	941,551	231,621	17,769,319	75.3	2,691,147	138.8	102,802	159.1
2004	10,840,803	5,958,587	77,277	16,876,667	42,192	16,918,858	61,733	963,362	236,986	18,180,939	76.9	2,752,492	142.0	105,145	162.7
2005	11,062,868	6,117,950	79,032	17,259,851	43,150	17,303,000	63,134	985,235	242,367	18,593,736	78.8	2,816,884	145.3	107,605	166.5
2006	11,285,698	6,279,367	80,799	17,645,864	44,115	17,689,978	64,546	1,007,269	247,787	19,009,581	80.6	2,878,857	148.5	109,972	170.2
2007	11,509,476	6,435,166	82,545	18,027,188	45,068	18,072,256	65,941	1,029,036	253,142	19,420,375	82.3	2,940,113	151.6	112,312	173.8
2008	11,733,586	6,595,611	84,314	18,413,511	46,034	18,459,545	67,354	1,051,088	258,567	19,836,554	83.9	3,002,250	154.8	114,686	177.4
2009	11,960,913	6,759,747	86,115	18,806,775	47,017	18,853,792	68,793	1,073,537	264,089	20,260,211	85.9	3,065,434	158.1	117,100	181.2
2010	12,189,361	6,922,867	87,916	19,200,144	48,000	19,248,144	70,232	1,095,991	269,613	20,683,980	87.7	3,128,622	161.4	119,513	184.9
2011	12,417,297	7,095,731	89,760	19,602,788	49,007	19,651,795	71,705	1,118,975	275,267	21,117,741	89.5	3,193,204	164.7	121,980	188.7
2012	12,645,278	7,272,663	91,623	20,009,564	50,024	20,059,587	73,193	1,142,195	280,979	21,555,954	91.1	3,258,261	168.0	124,466	192.6
2013	12,878,071	7,447,657	93,498	20,419,226	51,048	20,470,274	74,691	1,165,580	286,732	21,997,276	93.2	3,323,913	171.4	126,973	196.5
2014	13,110,591	7,633,251	95,422	20,839,264	52,098	20,891,362	76,228	1,189,556	292,630	22,449,776	95.2	3,391,101	174.9	129,540	200.4
2015	13,343,783	7,824,773	97,375	21,265,931	53,165	21,319,096	77,788	1,213,912	298,621	22,909,417	97.1	3,459,162	178.4	132,140	204.4
2016	13,580,306	8,018,575	99,355	21,698,235	54,246	21,752,481	79,370	1,238,588	304,692	23,375,131	98.8	3,528,103	182.0	134,774	208.5
2017	13,818,728	8,213,708	101,349	22,133,785	55,334	22,189,119	80,963	1,263,451	310,808	23,844,341	101.1	3,597,553	185.5	137,427	212.6
2018	14,058,839	8,413,264	103,372	22,575,475	56,439	22,631,914	82,578	1,288,663	317,010	24,320,166	103.1	3,667,942	189.2	140,115	216.8
2019	14,300,468	8,614,136	105,407	23,020,012	57,550	23,077,562	84,204	1,314,039	323,252	24,799,057	105.1	3,738,773	192.8	142,821	221.0
2020	14,545,096	8,821,625	107,487	23,474,208	58,686	23,532,894	85,866	1,339,965	329,630	25,288,355	106.9	3,811,090	196.6	145,584	225.3
2021	14,790,693	9,025,099	109,553	23,925,345	59,813	23,985,158	87,516	1,365,717	335,965	25,774,357	109.3	3,882,880	200.3	148,326	229.5
2022	15,038,178	9,233,852	111,651	24,383,681	60,959	24,444,641	89,193	1,391,880	342,401	26,268,115	111.3	3,955,875	204.0	151,114	233.8
2023	15,287,665	9,441,800	113,756	24,843,220	62,108	24,905,328	90,874	1,418,112	348,854	26,763,168	113.4	4,029,050	207.8	153,910	238.1
2024	15,541,707	9,654,103	115,901	25,311,710	63,279	25,374,990	92,587	1,444,854	355,433	27,267,864	115.3	4,103,717	211.6	156,762	242.5
2025	15,801,443	9,870,535	118,091	25,790,070	64,475	25,854,545	94,337	1,472,160	362,150	27,783,193	117.8	4,180,254	215.6	159,686	247.1
2026	16,088,096	10,119,251	120,554	26,327,901	65,820	26,393,721	96,304	1,502,861	369,703	28,362,589	120.2	4,266,522	220.0	162,981	252.2
2027	16,382,111	10,378,599	123,099	26,883,809	67,210	26,951,019	98,338	1,534,594	377,509	28,961,459	122.8	4,354,918	224.6	166,358	257.4
2028	16,682,029	10,645,999	125,709	27,453,737	68,634	27,522,372	100,422	1,567,127	385,512	29,575,433	125.0	4,445,492	229.3	169,818	262.7
2029	16,988,069	10,921,537	128,384	28,037,990	70,095	28,108,085	102,560	1,600,477	393,716	30,204,838	128.0	4,538,285	234.1	173,362	268.2
2030	17,300,087	11,205,457	131,126	28,636,669	71,592	28,708,261	104,750	1,634,651	402,123	30,849,784	130.8	3,000,469	154.7	114,618	177.3
2031	17,618,502	11,498,063	133,936	29,250,501	73,126	29,323,627	106,995	1,669,690	410,742	31,511,054	133.6	4,730,687	244.0	180,712	279.6
2032	17,943,152	11,799,802	136,818	29,879,772	74,699	29,954,472	109,297	1,705,611	419,579	32,188,958	136.1	4,830,445	249.1	184,523	285.5
2033	18,274,256	12,110,793	139,771	30,524,820	76,312	30,601,132	111,656	1,742,432	428,637	32,883,857	139.4	4,932,640	254.4	188,427	291.5
2034	18,614,899	12,431,458	142,813	31,189,170	77,973	31,267,143	114,086	1,780,354	437,966	33,599,549	142.4	5,038,028	259.8	192,453	297.8
2035	18,981,387	12,761,948	146,019	31,889,353	79,723	31,969,077	116,647	1,820,323	447,798	34,353,845	145.6	5,149,469	265.6	196,710	304.4
2036	19,357,067	13,102,897	149,316	32,609,280	81,523	32,690,803	119,281	1,861,418	457,907	35,129,408	148.5	5,263,771	271.5	201,076	311.1
2037	19,740,909	13,454,414	152,698	33,348,022	83,370	33,431,392	121,983	1,903,587	468,281	35,925,242	152.3	5,380,995	277.5	205,554	318.0
2038	20,132,752	13,816,778	156,168	34,105,698	85,264	34,190,962	124,755	1,946,837	478,920	36,741,474	155.7	5,501,152	283.7	210,144	325.1
2039	20,532,889	14,190,505	159,728	34,883,121	87,208	34,970,329	127,598	1,991,214	489,837	37,578,978	159.3	5,624,375	290.1	214,851	332.4
2040	20,938,407	14,576,066	163,367	35,677,839	89,195	35,767,034	130,505	2,036,579	500,997	38,435,114	162.5	5,750,045	296.6	219,652	339.9
2041	21,331,244	14,973,613	167,002	36,471,859	91,180	36,563,039	133,410	2,081,903	512,146	39,290,498	166.6	5,875,028	303.0	224,426	347.2
2042	21,730,128	15,383,781	170,724	37,284,633	93,212	37,377,845	136,383	2,128,298	523,560	40,166,085	170.3	6,003,114	309.6	229,319	354.8
2043	22,136,976	15,806,744	174,541	38,118,261	95,296	38,213,557	139,432	2,175,884	535,266	41,064,138	174.1	6,134,400	316.4	234,334	362.6
2044	22,554,768	16,243,173	178,471	38,976,411	97,441	39,073,852	142,571	2,224,869	547,316	41,988,608	177.5	6,269,648	323.4	239,501	370.6
2045	22,998,033	16,693,419	182,581	39,874,033	99,685	39,973,718	145,854	2,276,108	559,920	42,955,600	182.1	6,411,429	330.7	244,917	378.9
2046	23,452,010	17,157,965	186,806	40,796,781	101,992	40,898,773	149,230	2,328,780	572,878	43,949,661	186.3	6,556,898	338.2	250,473	387.5
2047	23,915,439	17,637,172	191,142	41,743,754	104,359	41,848,113	152,694	2,382,836	586,176	44,969,818	190.6	6,706,091	345.9	256,173	396.4
2048	24,388,559	18,131,702	195,593	42,715,854	106,790	42,822,643	156,249	2,438,326	599,826	46,017,044	194.5	6,859,147	353.8	262,019	405.4
2049	24,871,500	18,641,796	200,161	43,713,457	109,284	43,822,741	159,899	2,495,271	613,835	47,091,745	199.6	7,016,121	361.8	268,016	414.7
2050	25,363,621	19,166,402	204,838	44,734,860	111,837	44,846,698	163,635	2,553,576	628,177	48,192,085	204.3	7,176,611	370.1	274,147	424.2

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United Water Idaho: Monthly Water Demand Forecast, 2000 to 2050, with Constant Real Prices

	Residential				Commercial				Public		Predicted "Other" Water Use	Predicted System Water Sales	Predicted Hydrant Water Used	Predicted System Water Losses	Predicted Company Water Use	Predicted System Water Production
	Water Use Per Customer	Predicted Water Use	Annual Average Customers	Linear Interpolation Customers	Water Use Per Customer	Predicted Water Use	Annual Average Customers	Linear Interpolation Customers	Predicted Water Use	Annual Average Customers						
	(100 CCF)	(1,000 Gallons)			(100 CCF)	(1,000 Gallons)			(1,000 Gallons)		(1,000 Gallons)	(1,000 Gallons)	(1,000 Gallons)	(1,000 Gallons)	(1,000 Gallons)	(1,000 Gallons)
Jan-84	15.708	206,033	35,446	35,068	88.6367	126,427	3,735	3,681		65						
Feb-84	16.741	219,974	35,446	35,131	105.8601	151,363	3,735	3,690		65						
Mar-84	16.714	220,018	35,446	35,194	82.4802	118,221	3,735	3,699		65						
Apr-84	16.868	222,440	35,446	35,257	108.1404	155,378	3,735	3,708		65						
May-84	17.259	227,999	35,446	35,320	92.4176	133,109	3,735	3,717		65						
Jun-84	26.658	352,800	35,446	35,383	128.8939	186,096	3,735	3,726		65						
Jul-84	45.708	605,980	35,446	35,446	165.7214	239,845	3,735	3,735		65						
Aug-84	73.037	970,021	35,446	35,509	235.4099	341,532	3,735	3,744		65						
Sep-84	74.122	986,184	35,446	35,572	252.5555	367,296	3,735	3,753		65						
Oct-84	58.239	776,236	35,446	35,635	235.6172	343,492	3,735	3,762		65						
Nov-84	31.638	422,433	35,446	35,698	151.2981	221,101	3,735	3,771		65						
Dec-84	21.629	289,298	35,446	35,761	126.4650	185,256	3,735	3,780		65						
Jan-85	16.202	217,091	36,203	35,825	90.6939	133,175	3,844	3,790		65						
Feb-85	16.443	220,706	36,203	35,888	103.6058	152,499	3,844	3,799		65						
Mar-85	17.129	230,330	36,203	35,951	95.9634	141,588	3,844	3,808		65						
Apr-85	17.549	236,380	36,203	36,014	107.6226	159,169	3,844	3,817		65						
May-85	23.013	310,531	36,203	36,077	103.8234	153,916	3,844	3,826		65						
Jun-85	39.888	539,181	36,203	36,140	157.8899	234,624	3,844	3,835		65						
Jul-85	61.461	832,228	36,203	36,203	199.8050	297,613	3,844	3,844		65						
Aug-85	82.680	1,120,596	36,203	36,237	259.4593	387,382	3,844	3,853		65						
Sep-85	78.918	1,070,594	36,203	36,270	260.3551	389,636	3,844	3,862		65						
Oct-85	51.608	700,754	36,203	36,304	212.4569	318,701	3,844	3,871		65						
Nov-85	27.103	368,355	36,203	36,337	131.7994	198,173	3,844	3,880		65						
Dec-85	18.975	258,129	36,203	36,371	115.1096	173,483	3,844	3,889		65						
Jan-86	15.051	204,932	36,605	36,404	84.9157	128,276	3,953	3,899		65						
Feb-86	17.922	244,254	36,605	36,438	106.7417	161,623	3,953	3,908		65						
Mar-86	17.886	243,986	36,605	36,471	93.2149	141,470	3,953	3,917		65						
Apr-86	17.224	235,170	36,605	36,505	112.0731	170,485	3,953	3,926		65						
May-86	19.629	268,256	36,605	36,538	101.2042	154,307	3,953	3,935		65						
Jun-86	34.223	468,130	36,605	36,572	145.8153	222,840	3,953	3,944		65						
Jul-86	64.716	886,046	36,605	36,605	214.5559	328,646	3,953	3,953		65						
Aug-86	86.144	1,182,095	36,605	36,688	286.0962	439,235	3,953	3,962		66						
Sep-86	85.510	1,176,040	36,605	36,771	256.0173	393,957	3,953	3,971		68						
Oct-86	60.740	837,255	36,605	36,854	248.2818	382,928	3,953	3,980		69						
Nov-86	31.139	430,203	36,605	36,937	157.9799	244,210	3,953	3,989		70						
Dec-86	18.616	257,758	36,605	37,020	122.3433	189,553	3,953	3,998		72						
Jan-87	16.175	224,470	37,601	37,103	96.0815	149,202	4,062	4,008		73						
Feb-87	17.259	240,043	37,601	37,186	110.2058	171,523	4,062	4,017		74						
Mar-87	16.283	226,979	37,601	37,269	102.8942	160,506	4,062	4,026		76						
Apr-87	16.759	234,139	37,601	37,352	117.5925	183,848	4,062	4,035		77						
May-87	29.318	410,494	37,601	37,435	127.1557	199,246	4,062	4,044		78						
Jun-87	50.176	704,098	37,601	37,518	189.3836	297,421	4,062	4,053		80						
Jul-87	63.227	889,214	37,601	37,601	215.9918	339,968	4,062	4,062		81						
Aug-87	75.565	1,065,118	37,601	37,686	265.7283	419,188	4,062	4,071		81						
Sep-87	79.592	1,124,399	37,601	37,770	262.1392	414,449	4,062	4,080		81						
Oct-87	67.613	957,304	37,601	37,855	258.1378	409,032	4,062	4,089		81						
Nov-87	48.442	687,404	37,601	37,939	202.2522	321,190	4,062	4,098		81						
Dec-87	29.165	414,781	37,601	38,024	156.8610	249,658	4,062	4,107		81						
Jan-88	17.464	248,921	38,615	38,108	100.0679	159,619	4,171	4,117	627	81	1,023	410,190				
Feb-88	16.716	238,792	38,615	38,193	107.9200	172,524	4,171	4,126	1,695	80	1,033	414,043				
Mar-88	15.518	222,162	38,615	38,277	98.0632	157,112	4,171	4,135	1,313	80	951	381,538				

United Water Idaho
Monthy Forecast with Constant Real Prices

United Water Idaho: Monthly Water Demand Forecast, 2000 to 2050, with Constant Real Prices

	Residential				Commercial				Public							
	Water Use Per Customer (100 CCF)	Predicted Water Use (1,000 Gallons)	Annual Average Customers	Linear Interpolation Customers	Water Use Per Customer (100 CCF)	Predicted Water Use (1,000 Gallons)	Annual Average Customers	Linear Interpolation Customers	Predicted Water Use (1,000 Gallons)	Annual Average Customers	Predicted "Other" Water Use (1,000 Gallons)	Predicted System Water Sales (1,000 Gallons)	Predicted Hydrant Water Used (1,000 Gallons)	Predicted System Water Losses (1,000 Gallons)	Predicted Company Water Use (1,000 Gallons)	Predicted System Water Production (1,000 Gallons)
Apr-88	17.174	246,416	38,615	38,362	109.6033	175,986	4,171	4,144	1,970	80	1,061	425,433				
May-88	21.057	302,790	38,615	38,446	111.5123	179,444	4,171	4,153	3,151	80	1,213	486,598				
Jun-88	37.692	543,193	38,615	38,531	158.6820	255,907	4,171	4,162	7,135	80	2,016	808,251				
Jul-88	63.006	910,001	38,615	38,615	228.2162	368,849	4,171	4,171	17,000	80	3,240	1,299,089				
Aug-88	79.526	1,147,426	38,615	38,576	268.8250	443,405	4,171	4,257	19,738	79	4,026	1,614,596				
Sep-88	83.463	1,203,006	38,615	38,536	291.0689	489,757	4,171	4,342	28,757	77	4,304	1,725,824				
Oct-88	69.875	1,006,124	38,615	38,497	273.1089	468,603	4,171	4,428	13,899	76	3,722	1,492,347				
Nov-88	43.125	620,321	38,615	38,458	200.7121	351,046	4,171	4,514	9,880	74	2,453	983,701				
Dec-88	25.876	371,830	38,615	38,418	147.8273	263,458	4,171	4,599	5,723	73	1,603	642,613				
Jan-89	15.665	224,867	38,143	38,379	90.2090	163,765	5,199	4,685	1,805	72	976	391,413	1,152	57,464	7,838	457,867
Feb-89	13.940	199,900	38,143	38,340	89.0863	164,684	5,199	4,771	4,055	70	922	369,560	257	52,928	7,894	430,640
Mar-89	18.721	268,187	38,143	38,300	101.2647	190,558	5,199	4,856	12,350	69	1,178	472,273	831	52,306	8,209	533,619
Apr-89	18.590	266,027	38,143	38,261	98.9521	189,491	5,199	4,942	4,221	67	1,149	460,889	561	52,753	6,665	520,868
May-89	21.845	312,298	38,143	38,222	98.0122	190,945	5,199	5,028	4,924	66	1,270	509,437	1,670	82,409	9,081	602,597
Jun-89	40.151	573,398	38,143	38,182	147.3735	292,001	5,199	5,113	7,752	64	2,183	875,334	2,065	78,571	9,650	965,621
Jul-89	65.929	940,574	38,143	38,143	20.6823	41,666	5,199	5,199	24,687	63	2,517	1,009,445	10,232	70,751	12,607	1,103,035
Aug-89	81.520	1,166,145	38,143	38,246	250.5424	507,323	5,199	5,226	15,944	64	4,224	1,693,635	5,013	20,789	13,707	1,733,144
Sep-89	79.512	1,140,491	38,143	38,350	252.7390	514,382	5,199	5,252	28,852	64	4,209	1,687,935	2,883	13,542	14,686	1,719,047
Oct-89	57.668	829,403	38,143	38,453	215.4538	440,725	5,199	5,279	16,930	65	3,218	1,290,275	5,775	22,300	15,730	1,334,079
Nov-89	33.798	487,399	38,143	38,556	160.4721	329,914	5,199	5,306	6,793	65	2,060	826,166	4,273	33,372	16,124	879,934
Dec-89	21.291	307,864	38,143	38,659	119.6947	247,317	5,199	5,332	4,030	66	1,398	560,610	1,551	38,445	16,415	617,020
Jan-90	16.665	241,617	39,382	38,763	109.4391	227,257	5,519	5,359	1,461	66	1,176	471,510	1,094	54,574	7,444	534,622
Feb-90	16.208	235,605	39,382	38,866	96.7724	201,954	5,519	5,386	4,353	67	1,105	443,017	247	50,753	7,570	501,586
Mar-90	15.141	220,688	39,382	38,969	100.9620	211,741	5,519	5,412	1,260	67	1,084	434,772	806	50,728	7,961	494,267
Apr-90	17.107	249,996	39,382	39,072	98.8759	208,387	5,519	5,439	4,658	68	1,158	464,199	537	50,543	6,386	521,666
May-90	26.669	390,775	39,382	39,176	132.7668	281,186	5,519	5,466	6,375	68	1,696	680,032	1,595	78,722	8,675	769,024
Jun-90	35.640	523,600	39,382	39,279	150.0826	319,410	5,519	5,492	7,017	69	2,125	852,152	2,001	76,142	9,352	939,647
Jul-90	47.201	695,261	39,382	39,382	182.4365	390,152	5,519	5,519	14,138	69	2,749	1,102,300	9,832	67,987	12,114	1,192,234
Aug-90	68.574	1,014,311	39,382	39,547	222.3632	477,160	5,519	5,538	22,891	71	3,786	1,518,149	4,994	20,709	13,654	1,557,505
Sep-90	80.150	1,190,456	39,382	39,711	269.9044	581,147	5,519	5,557	23,853	74	4,489	1,799,944	2,803	13,166	14,278	1,830,191
Oct-90	62.336	929,713	39,382	39,876	242.9195	524,817	5,519	5,576	30,794	76	3,713	1,489,037	5,695	21,993	15,514	1,532,239
Nov-90	41.742	625,121	39,382	40,040	193.3900	419,222	5,519	5,594	14,273	78	2,647	1,061,262	4,378	34,192	16,520	1,116,353
Dec-90	22.669	340,887	39,382	40,205	126.2988	274,706	5,519	5,613	14,798	81	1,576	631,968	1,649	40,880	17,455	691,952
Jan-91	14.169	213,934	41,356	40,369	103.5525	225,988	5,745	5,632	1,982	83	1,105	443,009	1,180	58,885	8,032	511,105
Feb-91	16.194	245,504	41,356	40,534	91.8025	201,015	5,745	5,651	3,176	85	1,124	450,820	264	54,191	8,082	513,357
Mar-91	18.418	280,359	41,356	40,698	120.4548	264,632	5,745	5,670	1,826	88	1,367	548,185	855	53,816	8,446	611,302
Apr-91	16.712	255,417	41,356	40,863	96.8107	213,394	5,745	5,689	3,701	90	1,181	473,693	578	54,375	6,870	535,517
May-91	19.749	303,053	41,356	41,027	115.8445	256,195	5,745	5,707	8,025	92	1,418	568,691	1,717	84,736	9,337	664,481
Jun-91	27.987	431,189	41,356	41,192	128.4176	284,938	5,745	5,726	9,757	95	1,815	727,698	2,098	79,806	9,802	819,404
Jul-91	48.430	749,124	41,356	41,356	191.0342	425,268	5,745	5,745	22,766	97	2,993	1,200,151	10,211	70,605	12,581	1,293,548
Aug-91	70.787	1,098,423	41,356	41,487	221.3834	493,716	5,745	5,755	31,092	92	4,058	1,627,288	5,187	21,509	14,181	1,668,165
Sep-91	80.713	1,256,414	41,356	41,619	274.6295	613,562	5,745	5,766	27,314	88	4,743	1,902,033	2,990	14,046	15,233	1,934,302
Oct-91	68.226	1,065,395	41,356	41,750	238.8401	534,559	5,745	5,776	36,052	83	4,090	1,640,096	6,066	23,427	16,525	1,686,114
Nov-91	47.769	748,286	41,356	41,881	188.6743	423,036	5,745	5,786	16,649	79	2,970	1,190,941	4,638	36,226	17,503	1,249,308
Dec-91	26.976	423,902	41,356	42,013	134.7143	302,589	5,745	5,797	10,282	74	1,842	738,615	1,729	42,863	18,301	801,509
Jan-92	16.863	265,804	42,932	42,144	87.8555	197,689	5,869	5,807	1,918	70	1,164	466,575	1,241	61,912	8,445	538,172
Feb-92	15.888	251,229	42,932	42,275	92.9099	209,434	5,869	5,817	3,107	65	1,159	464,929	278	57,243	8,537	530,988
Mar-92	14.773	234,322	42,932	42,407	96.3925	217,670	5,869	5,828	702	60	1,132	453,827	903	56,876	8,926	520,532
Apr-92	18.221	289,908	42,932	42,538	97.0221	219,481	5,869	5,838	2,952	56	1,281	513,621	600	56,411	7,128	577,760
May-92	30.395	485,090	42,932	42,669	120.5836	273,264	5,869	5,848	4,532	51	1,907	764,793	1,786	88,140	9,712	864,431
Jun-92	49.817	797,500	42,932	42,801	176.5880	400,887	5,869	5,859	10,172	47	3,021	1,211,579	2,242	85,287	10,475	1,309,584

United Water Idaho: Monthly Water Demand Forecast, 2000 to 2050, with Constant Real Prices

	Residential				Commercial				Public		Predicted "Other" Water Use	Predicted System Water Sales	Predicted Hydrant Water Used	Predicted System Water Losses	Predicted Company Water Use	Predicted System Water Production
	Water Use Per Customer	Predicted Water Use	Annual Average Customers	Linear Interpolation Customers	Water Use Per Customer	Predicted Water Use	Annual Average Customers	Linear Interpolation Customers	Predicted Water Use	Annual Average Customers						
	(100 CCF)	(1,000 Gallons)			(100 CCF)	(1,000 Gallons)			(1,000 Gallons)		(1,000 Gallons)	(1,000 Gallons)	(1,000 Gallons)	(1,000 Gallons)	(1,000 Gallons)	(1,000 Gallons)
Jul-92	62.754	1,007,684	42,932	42,932	211.3836	480,725	5,869	5,869	11,794	42	3,751	1,503,954	11,495	79,482	14,162	1,609,093
Aug-92	66.504	1,070,890	42,932	43,052	232.6699	531,230	5,869	5,892	19,661	47	4,054	1,625,836	5,931	24,595	16,216	1,672,577
Sep-92	74.928	1,209,894	42,932	43,172	224.0698	513,613	5,869	5,916	20,535	52	4,360	1,748,403	3,385	15,900	17,244	1,784,932
Oct-92	63.615	1,030,072	42,932	43,292	228.1913	525,116	5,869	5,939	24,913	57	3,950	1,584,052	6,721	25,953	18,307	1,635,031
Nov-92	43.774	710,760	42,932	43,412	165.2219	381,699	5,869	5,962	22,955	62	2,789	1,118,202	5,047	39,414	19,043	1,181,706
Dec-92	24.530	399,400	42,932	43,532	119.4024	276,922	5,869	5,985	10,452	67	1,717	688,490	1,849	45,831	19,569	755,740
Jan-93	15.769	257,457	44,372	43,652	80.9038	188,363	6,148	6,009	2,160	72	1,120	449,100	1,309	65,317	8,909	524,635
Feb-93	15.369	251,621	44,372	43,772	85.4175	199,642	6,148	6,032	2,695	77	1,135	455,093	293	60,180	8,976	524,541
Mar-93	16.077	263,924	44,372	43,892	82.0282	192,459	6,148	6,055	1,276	82	1,144	458,803	948	59,674	9,365	528,789
Apr-93	16.669	274,396	44,372	44,012	92.9474	218,916	6,148	6,078	3,915	87	1,243	498,470	635	59,698	7,543	566,345
May-93	16.287	268,848	44,372	44,132	80.3325	189,928	6,148	6,102	2,159	92	1,152	462,088	1,881	92,835	10,230	567,033
Jun-93	28.721	475,374	44,372	44,252	120.4135	285,776	6,148	6,125	8,165	97	1,923	771,238	2,264	86,115	10,577	870,194
Jul-93	49.704	824,908	44,372	44,372	162.0994	386,168	6,148	6,148	24,079	102	3,088	1,238,244	10,729	74,189	13,219	1,336,382
Aug-93	66.079	1,100,098	44,372	44,511	227.0997	542,888	6,148	6,169	39,754	102	4,207	1,686,947	5,275	21,874	14,422	1,728,519
Sep-93	67.367	1,125,049	44,372	44,650	208.9156	501,139	6,148	6,191	32,522	102	4,147	1,662,856	3,028	14,221	15,422	1,695,528
Oct-93	57.826	968,728	44,372	44,789	207.3119	498,999	6,148	6,212	42,470	102	3,775	1,513,972	6,039	23,321	16,450	1,559,782
Nov-93	44.132	741,617	44,372	44,928	171.5715	414,385	6,148	6,233	17,767	102	2,934	1,176,703	4,527	35,354	17,081	1,233,665
Dec-93	24.064	405,627	44,372	45,067	125.2974	303,654	6,148	6,254	13,065	102	1,806	724,151	1,677	41,575	17,752	785,156
Jan-94	18.577	314,101	46,041	45,207	89.8514	218,492	6,403	6,276	1,091	102	1,334	535,017	1,196	59,688	8,141	604,042
Feb-94	17.755	301,136	46,041	45,346	100.8080	245,965	6,403	6,297	5,017	102	1,380	553,498	270	55,500	8,278	617,545
Mar-94	14.441	245,675	46,041	45,485	73.7469	180,545	6,403	6,318	1,163	102	1,068	428,451	882	55,562	8,720	493,615
Apr-94	18.383	313,703	46,041	45,624	98.8399	242,790	6,403	6,339	7,065	102	1,409	564,967	589	55,412	7,001	627,969
May-94	25.790	441,441	46,041	45,763	103.6895	255,557	6,403	6,361	6,978	102	1,760	705,736	1,759	86,787	9,563	803,845
Jun-94	37.661	646,590	46,041	45,902	149.7995	370,435	6,403	6,382	19,139	102	2,590	1,038,754	2,217	84,348	10,360	1,135,678
Jul-94	55.983	964,052	46,041	46,041	180.5084	447,860	6,403	6,403	21,195	102	3,583	1,436,690	11,169	77,229	13,761	1,538,849
Aug-94	74.696	1,288,715	46,041	46,127	237.2868	590,151	6,403	6,418	38,747	97	4,794	1,922,407	5,717	23,707	15,630	1,967,461
Sep-94	81.861	1,414,985	46,041	46,214	245.4863	612,010	6,403	6,434	37,507	93	5,161	2,069,664	3,327	15,628	16,948	2,105,567
Oct-94	69.886	1,210,252	46,041	46,300	243.9075	609,531	6,403	6,449	44,188	88	4,660	1,868,631	6,910	26,683	18,822	1,921,045
Nov-94	53.553	929,140	46,041	46,387	200.1983	501,497	6,403	6,465	26,337	83	3,642	1,460,616	5,358	41,848	20,219	1,528,041
Dec-94	23.899	415,407	46,041	46,473	128.5510	322,788	6,403	6,480	9,413	79	1,869	749,478	2,018	50,019	21,357	822,872
Jan-95	15.958	277,891	47,078	46,560	100.4300	252,777	6,588	6,496	372	74	1,328	532,367	1,437	71,715	9,782	615,301
Feb-95	16.532	288,427	47,078	46,646	95.1121	239,960	6,588	6,511	1,314	69	1,324	531,025	322	66,158	9,867	607,371
Mar-95	14.137	247,097	47,078	46,732	79.5119	201,077	6,588	6,526	235	65	1,121	449,530	1,041	65,543	10,286	526,400
Apr-95	14.824	259,591	47,078	46,819	88.3642	223,992	6,588	6,542	1,111	60	1,212	485,905	698	65,647	8,295	560,544
May-95	18.209	319,454	47,078	46,905	92.8450	235,905	6,588	6,557	2,101	55	1,394	558,854	2,059	101,607	11,196	673,716
Jun-95	25.164	442,284	47,078	46,992	117.0580	298,125	6,588	6,573	3,349	51	1,859	745,618	2,513	95,598	11,742	855,471
Jul-95	46.538	819,458	47,078	47,078	168.0146	428,906	6,588	6,588	8,694	46	3,143	1,260,200	12,096	83,636	14,903	1,370,835
Aug-95	65.904	1,163,287	47,078	47,193	229.4681	586,592	6,588	6,597	17,922	45	4,420	1,772,220	6,005	24,902	16,419	1,819,546
Sep-95	68.914	1,219,386	47,078	47,308	232.9528	596,319	6,588	6,606	14,218	44	4,575	1,834,498	3,387	15,910	17,254	1,871,049
Oct-95	61.447	1,089,893	47,078	47,422	236.5494	606,359	6,588	6,615	19,705	44	4,290	1,720,246	6,680	25,796	18,196	1,770,919
Nov-95	42.647	758,274	47,078	47,537	191.6514	491,944	6,588	6,624	6,618	43	3,142	1,259,978	4,978	38,879	18,784	1,322,619
Dec-95	24.138	430,217	47,078	47,652	126.3365	324,734	6,588	6,633	6,624	42	1,904	763,478	1,805	44,725	19,096	829,104
Jan-96	16.884	301,644	48,455	47,767	116.5205	299,913	6,697	6,643	2,337	41	1,510	605,404	1,284	64,078	8,740	679,506
Feb-96	15.930	285,291	48,455	47,881	90.1354	232,317	6,697	6,652	3,928	40	1,304	522,841	289	59,486	8,872	591,489
Mar-96	15.233	273,450	48,455	47,996	106.4416	274,720	6,697	6,661	729	39	1,372	550,272	937	58,993	9,258	619,460
Apr-96	15.910	286,290	48,455	48,111	92.9991	240,353	6,697	6,670	2,231	39	1,322	530,196	632	59,489	7,516	597,834
May-96	18.232	328,852	48,455	48,226	111.4728	288,490	6,697	6,679	1,047	38	1,546	619,936	1,884	92,965	10,244	725,029
Jun-96	28.034	506,871	48,455	48,340	126.5185	327,874	6,697	6,688	3,289	37	2,095	840,129	2,337	88,894	10,918	942,277
Jul-96	49.502	897,153	48,455	48,455	184.3081	478,284	6,697	6,697	12,601	36	3,470	1,391,508	11,594	80,167	14,284	1,497,554
Aug-96	70.171	1,275,174	48,455	48,586	232.0510	602,943	6,697	6,706	13,349	36	4,729	1,896,195	5,899	24,462	16,128	1,942,683
Sep-96	78.560	1,431,474	48,455	48,717	270.6338	704,085	6,697	6,714	17,467	35	5,383	2,158,409	3,401	15,974	17,324	2,195,107

United Water Idaho
Monthy Forecast with Constant Real Prices

United Water Idaho: Monthly Water Demand Forecast, 2000 to 2050, with Constant Real Prices

	Residential				Commercial				Public		Predicted "Other" Water Use	Predicted System Water Sales	Predicted Hydrant Water Used	Predicted System Water Losses	Predicted Company Water Use	Predicted System Water Production
	Water Use Per Customer	Predicted Water Use	Annual Average Customers	Linear Interpolation Customers	Water Use Per Customer	Predicted Water Use	Annual Average Customers	Linear Interpolation Customers	Predicted Water Use	Annual Average Customers						
	(100 CCF)	(1,000 Gallons)			(100 CCF)	(1,000 Gallons)			(1,000 Gallons)		(1,000 Gallons)	(1,000 Gallons)	(1,000 Gallons)	(1,000 Gallons)	(1,000 Gallons)	(1,000 Gallons)
Oct-96	63.683	1,163,516	48,455	48,848	239.9612	625,077	6,697	6,723	15,588	35	4,510	1,808,691	7,013	27,080	19,102	1,861,886
Nov-96	40.800	747,439	48,455	48,979	198.1858	516,908	6,697	6,731	13,344	35	3,194	1,280,886	5,326	41,599	20,098	1,347,910
Dec-96	23.564	432,831	48,455	49,110	120.6413	315,054	6,697	6,740	3,837	34	1,879	753,602	1,966	48,739	20,810	825,117
Jan-97	15.392	283,491	50,028	49,242	107.7916	281,852	6,799	6,748	898	34	1,416	567,657	1,397	69,694	9,506	648,253
Feb-97	16.648	307,423	50,028	49,373	92.3075	241,669	6,799	6,757	1,586	34	1,377	552,054	312	64,118	9,563	626,047
Mar-97	14.740	272,921	50,028	49,504	97.7518	256,244	6,799	6,765	639	33	1,325	531,129	1,013	63,774	10,009	605,924
Apr-97	15.241	282,952	50,028	49,635	83.9535	220,350	6,799	6,774	1,858	33	1,263	506,423	677	63,680	8,046	578,825
May-97	21.326	396,952	50,028	49,766	121.5078	319,318	6,799	6,782	2,667	33	1,797	720,735	2,005	98,968	10,905	832,614
Jun-97	36.481	680,843	50,028	49,897	148.8564	391,679	6,799	6,791	5,651	32	2,695	1,080,869	2,494	94,894	11,655	1,189,913
Jul-97	51.026	954,781	50,028	50,028	205.0193	540,134	6,799	6,799	8,906	32	3,760	1,507,580	12,509	86,492	15,411	1,621,992
Aug-97	60.506	1,134,336	50,028	50,124	217.6749	575,057	6,799	6,818	13,545	40	4,307	1,727,245	6,352	26,341	17,367	1,777,305
Sep-97	39.757	746,766	50,028	50,220	252.1326	667,920	6,799	6,837	13,202	47	3,570	1,431,457	3,580	16,816	18,237	1,470,090
Oct-97	59.449	1,118,774	50,028	50,315	222.9241	592,164	6,799	6,855	17,256	55	4,320	1,732,514	6,800	26,258	18,522	1,784,094
Nov-97	41.565	783,711	50,028	50,411	196.3771	523,072	6,799	6,874	15,837	62	3,307	1,325,927	5,098	39,816	19,237	1,390,078
Dec-97	24.468	462,212	50,028	50,507	126.0833	336,753	6,799	6,893	7,263	70	2,016	808,244	1,886	46,744	19,959	876,832
Jan-98	16.592	314,039	51,177	50,603	98.4989	263,794	7,024	6,912	3,118	78	1,452	582,403	1,346	67,186	9,164	660,099
Feb-98	16.774	318,071	51,177	50,698	92.7777	249,146	7,024	6,930	3,744	85	1,427	572,388	302	62,065	9,257	644,012
Mar-98	14.684	278,969	51,177	50,794	87.7153	236,189	7,024	6,949	2,409	93	1,294	518,861	980	61,693	9,682	591,215
Apr-98	15.692	298,675	51,177	50,890	90.2187	243,585	7,024	6,968	4,184	100	1,366	547,811	655	61,632	7,787	617,885
May-98	19.905	379,592	51,177	50,986	100.3971	271,796	7,024	6,987	6,102	108	1,644	659,134	1,951	96,280	10,609	767,974
Jun-98	27.075	517,287	51,177	51,081	137.2935	372,679	7,024	7,005	9,924	115	2,250	902,140	2,396	91,152	11,196	1,006,883
Jul-98	37.340	714,746	51,177	51,177	151.8717	413,355	7,024	7,024	16,223	123	2,861	1,147,185	11,628	80,404	14,327	1,253,544
Aug-98	55.449	1,072,535	51,177	51,715	217.0979	593,119	7,024	7,051	26,690	117	4,231	1,696,575	5,683	23,564	15,536	1,741,358
Sep-98	74.350	1,453,108	51,177	52,254	265.0979	726,988	7,024	7,077	32,509	111	5,532	2,218,137	3,235	15,197	16,480	2,253,049
Oct-98	63.635	1,256,522	51,177	52,792	257.2254	708,049	7,024	7,104	31,824	105	4,991	2,001,385	6,932	26,770	18,883	2,053,971
Nov-98	44.147	880,603	51,177	53,331	217.1337	599,927	7,024	7,130	22,524	99	3,758	1,506,811	5,340	41,705	20,150	1,574,006
Dec-98	24.791	499,506	51,177	53,869	105.2701	291,939	7,024	7,157	8,529	93	2,000	801,974	1,996	49,465	21,120	874,555
Jan-99	15.823	321,985	57,638	54,408	105.7140	294,259	7,343	7,184	4,758	87	1,553	622,554	1,418	70,752	9,650	704,374
Feb-99	15.823	325,171	57,638	54,946	96.7509	270,307	7,343	7,210	4,423	80	1,500	601,401	319	65,481	9,766	676,967
Mar-99	14.823	307,605	57,638	55,484	86.5114	242,590	7,343	7,237	2,081	74	1,381	553,657	1,034	65,125	10,221	630,038
Apr-99	17.541	367,543	57,638	56,023	89.0752	250,697	7,343	7,263	4,709	68	1,557	624,507	694	65,297	8,250	698,748
May-99	27.499	581,751	57,638	56,561	97.5194	275,467	7,343	7,290	4,290	62	2,154	863,661	2,072	102,256	11,268	979,258
Jun-99	42.368	904,842	57,638	57,100	191.5915	543,170	7,343	7,316	8,917	56	3,642	1,460,572	2,596	98,780	12,132	1,574,080
Jul-99	61.455	1,324,854	57,638	57,638	189.7887	540,014	7,343	7,343	17,600	50	4,706	1,887,174	13,311	92,043	16,400	2,008,929
Aug-99	70.166	1,517,621	57,638	57,828	290.2243	828,232	7,343	7,365	28,465	57	5,936	2,380,253	7,053	29,247	19,283	2,435,835
Sep-99	77.407	1,679,724	57,638	58,017	230.3904	659,420	7,343	7,386	32,079	65	5,928	2,377,151	4,211	19,781	21,452	2,422,596
Oct-99	55.560	1,209,585	57,638	58,207	238.3904	684,324	7,343	7,408	36,627	72	4,826	1,935,363	8,552	33,024	23,295	2,000,234
Nov-99	37.529	819,697	57,638	58,396	144.1429	414,991	7,343	7,430	26,179	79	3,152	1,264,019	6,424	50,171	24,240	1,344,854
Dec-99	21.658	474,583	57,638	58,586	126.1798	364,337	7,343	7,452	11,314	86	2,126	852,359	2,331	57,775	24,669	937,134
Jan-00	15.865	348,774		58,775	88.9613	257,619	7,582	7,473	6,742	94	1,533	614,668	1,662	82,949	11,314	710,594
Feb-00	13.224	291,653		58,965	87.1407	253,081	7,582	7,495	7,265	101	1,380	553,379	372	76,497	11,409	641,658
Mar-00	13.807	305,485		59,154	85.6708	249,533	7,582	7,517	4,003	108	1,398	560,419	1,201	75,678	11,877	649,175
Apr-00	16.997	377,260		59,344	91.3253	266,772	7,582	7,539	10,391	115	1,636	656,059	805	75,712	9,566	742,141
May-00	21.538	479,581		59,533	122.0450	357,535	7,582	7,560	11,045	123	2,120	850,282	2,392	118,126	13,017	983,816
Jun-00	35.743	798,436		59,723	192.3836	565,215	7,582	7,582	26,910	130	3,476	1,394,037	2,949	112,289	13,792	1,523,066
Jul-00	54.091	1,208,262		59,723	186.6358	548,338		7,582	8,080		4,412	1,769,093	14,452	100,052	17,827	1,901,424
Aug-00	70.570	1,578,816		59,815	238.2466	701,247		7,596	10,488		5,726	2,296,278	7,217	29,973	19,762	2,353,231
Sep-00	75.861	1,699,804	Forecast	59,907	247.8432	730,821	Forecast	7,610	11,181	Forecast	6,105	2,447,911	4,096	19,273	20,901	2,492,180
Oct-00	61.843	1,387,821		59,999	234.7457	693,457		7,624	9,574		5,227	2,096,080	8,269	31,998	22,571	2,158,918
Nov-00	39.862	895,920		60,091	175.2836	518,740		7,637	6,507		3,553	1,424,720	6,303	49,334	23,836	1,504,193
Dec-00	21.832	491,439		60,183	121.2175	359,384		7,651	3,914		2,137	856,874	2,347	58,313	24,898	942,432

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	Residential				Commercial				Public		Predicted "Other" Water Use	Predicted System Water Sales	Predicted Hydrant Water Used	Predicted System Water Losses	Predicted Company Water Use	Predicted System Water Production
	Water Use Per Customer	Predicted Water Use	Annual Average Customers	Linear Interpolation Customers	Water Use Per Customer	Predicted Water Use	Annual Average Customers	Linear Interpolation Customers	Predicted Water Use	Annual Average Customers						
	(100 CCF)	(1,000 Gallons)			(100 CCF)	(1,000 Gallons)			(1,000 Gallons)		(1,000 Gallons)	(1,000 Gallons)	(1,000 Gallons)	(1,000 Gallons)	(1,000 Gallons)	(1,000 Gallons)
Jan-01	13.783	310,736		60,276	88.6642	263,345		7,665	2,641		1,442	578,164	1,668	83,472	11,385	674,689
Feb-01	14.019	316,532		60,368	89.5211	266,370		7,679	2,681		1,464	587,047	373	76,837	11,460	675,717
Mar-01	16.160	365,424		60,460	95.1611	283,661		7,693	2,986		1,630	653,702	1,209	76,418	11,993	743,322
Apr-01	18.414	417,030		60,552	101.6823	303,644		7,707	3,315		1,810	725,800	814	76,877	9,713	813,205
May-01	21.155	479,856		60,644	103.0116	308,166		7,720	3,625		1,979	793,626	2,427	120,234	13,249	929,536
Jun-01	34.849	791,660		60,736	146.5652	439,244		7,734	5,662		3,091	1,239,658	2,983	113,978	13,999	1,370,619
Jul-01	54.036	1,229,400		60,828	186.3796	559,563		7,748	8,229		4,493	1,801,685	14,539	100,991	17,995	1,935,209
Aug-01	71.654	1,633,114		60,936	238.3159	717,057		7,765	10,811		5,902	2,366,883	7,332	30,554	20,145	2,424,914
Sep-01	77.350	1,766,036		61,043	247.8432	747,352		7,782	11,562		6,312	2,531,262	4,203	19,845	21,521	2,576,832
Oct-01	63.056	1,442,212		61,150	234.7457	709,401		7,799	9,897		5,404	2,166,914	8,492	32,970	23,257	2,231,633
Nov-01	40.644	931,234		61,258	175.2836	530,859		7,816	6,726		3,672	1,472,491	6,433	50,529	24,413	1,553,866
Dec-01	22.260	510,921		61,365	121.2175	367,913		7,833	4,043		2,207	885,083	2,378	59,285	25,313	972,060
Jan-02	13.783	316,904		61,472	88.6642	269,691		7,850	2,698		1,473	590,767	1,693	84,991	11,593	689,044
Feb-02	14.019	322,885		61,579	89.5211	272,886		7,867	2,741		1,496	600,008	379	78,483	11,705	690,576
Mar-02	16.160	372,838		61,687	95.1611	290,704		7,884	3,052		1,666	668,262	1,230	77,949	12,233	759,674
Apr-02	18.414	425,583		61,794	101.6823	311,294		7,901	3,390		1,851	742,117	824	78,021	9,858	830,820
May-02	21.155	489,802		61,901	103.0116	316,041		7,918	3,707		2,024	811,573	2,447	121,605	13,400	949,025
Jun-02	34.849	808,240		62,008	146.5652	450,628		7,935	5,791		3,162	1,267,820	3,022	115,827	14,226	1,400,895
Jul-02	54.036	1,255,413		62,116	186.3796	574,265		7,952	8,417		4,595	1,842,690	14,902	103,836	18,502	1,979,931
Aug-02	71.654	1,667,553		62,221	238.3159	736,032		7,970	11,056		6,037	2,420,678	7,519	31,429	20,722	2,480,349
Sep-02	77.350	1,803,153	Forecast	62,326	247.8432	767,269	Forecast	7,989	11,824		6,456	2,588,702	4,305	20,390	22,112	2,635,510
Oct-02	63.056	1,472,421		62,431	234.7457	728,439		8,008	10,124		5,527	2,216,512	8,683	33,816	23,853	2,282,864
Nov-02	40.644	950,675		62,536	175.2836	545,204		8,027	6,881		3,757	1,506,517	6,569	51,751	25,003	1,589,840
Dec-02	22.260	521,551		62,642	121.2175	377,923		8,046	4,138		2,259	905,871	2,426	60,663	25,902	994,862
Jan-03	13.783	323,476		62,747	88.6642	277,079		8,065	2,763		1,508	604,825	1,726	86,923	11,856	705,330
Feb-03	14.019	329,558		62,852	89.5211	280,411		8,084	2,806		1,532	614,307	387	80,273	11,972	706,939
Mar-03	16.160	380,518		62,957	95.1611	298,774		8,103	3,125		1,706	684,123	1,254	79,732	12,513	777,622
Apr-03	18.414	434,320		63,062	101.6823	319,991		8,121	3,470		1,894	759,675	840	79,810	10,084	850,409
May-03	21.155	499,823		63,168	103.0116	324,928		8,140	3,794		2,071	830,617	2,495	124,400	13,708	971,220
Jun-03	34.849	824,721		63,273	146.5652	463,380		8,159	5,925		3,235	1,297,262	3,082	118,494	14,554	1,433,392
Jul-03	54.036	1,280,928		63,378	186.3796	590,620		8,178	8,609		4,700	1,884,857	15,198	106,232	18,929	2,025,216
Aug-03	71.654	1,701,524		63,488	238.3159	756,933		8,197	11,309		6,174	2,475,940	7,669	32,155	21,200	2,536,964
Sep-03	77.350	1,839,973		63,599	247.8432	788,993		8,216	12,093		6,603	2,647,663	4,391	20,861	22,623	2,695,538
Oct-03	63.056	1,502,558		63,709	234.7457	749,003		8,234	10,357		5,655	2,267,574	8,855	34,598	24,405	2,335,432
Nov-03	40.644	970,179		63,819	175.2836	560,551		8,253	7,041		3,844	1,541,615	6,699	52,948	25,582	1,626,844
Dec-03	22.260	532,276		63,930	121.2175	388,530		8,272	4,236		2,313	927,354	2,474	62,067	26,501	1,018,397
Jan-04	13.783	330,143		64,040	88.6642	284,833		8,290	2,829		1,545	619,349	1,760	88,936	12,131	722,176
Feb-04	14.019	336,366		64,150	89.5211	288,236		8,309	2,873		1,569	629,043	395	82,133	12,250	723,820
Mar-04	16.160	388,397		64,261	95.1611	307,087		8,328	3,199		1,747	700,429	1,279	81,580	12,803	796,091
Apr-04	18.414	443,332		64,371	101.6823	328,869		8,347	3,552		1,939	777,692	857	81,660	10,318	870,527
May-04	21.155	510,218		64,481	103.0116	333,917		8,365	3,883		2,120	850,138	2,545	127,284	14,026	993,993
Jun-04	34.849	841,912		64,592	146.5652	476,162		8,384	6,063		3,310	1,327,447	3,144	121,242	14,891	1,466,724
Jul-04	54.036	1,307,687		64,702	186.3796	606,865		8,403	8,807		4,808	1,928,167	15,501	108,695	19,368	2,071,731
Aug-04	71.654	1,737,015		64,813	238.3159	777,699		8,422	11,568		6,316	2,532,597	7,822	32,901	21,692	2,595,012
Sep-04	77.350	1,878,294		64,923	247.8432	810,583		8,440	12,369		6,753	2,707,999	4,479	21,345	23,148	2,756,971
Oct-04	63.056	1,533,805		65,034	234.7457	769,446		8,459	10,595		5,785	2,319,631	9,032	35,401	24,971	2,389,034
Nov-04	40.644	990,324		65,144	175.2836	575,811		8,478	7,204		3,933	1,577,272	6,833	54,176	26,175	1,664,456
Dec-04	22.260	543,311		65,255	121.2175	399,080		8,496	4,335		2,367	949,093	2,523	63,506	27,116	1,042,238
Jan-05	13.645	333,589		65,366	88.4313	291,779		8,515	2,877		1,571	629,816	1,795	90,996	12,412	735,019
Feb-05	13.892	340,224		65,476	89.3087	295,321		8,534	2,924		1,596	640,064	402	84,013	12,530	737,010
Mar-05	16.064	394,058		65,587	94.9998	314,827		8,552	3,261		1,780	713,927	1,304	83,428	13,093	811,752

United Water Idaho
Monthly Forecast with Constant Real Prices

United Water Idaho: Monthly Water Demand Forecast, 2000 to 2050, with Constant Real Prices

	Residential				Commercial				Public								
	Water Use Per Customer	Predicted Water Use	Annual Average Customers	Linear Interpolation Customers	Water Use Per Customer	Predicted Water Use	Annual Average Customers	Linear Interpolation Customers	Predicted Water Use	Annual Average Customers	Predicted "Other" Water Use	Predicted System Water Sales	Predicted Hydrant Water Used	Predicted System Water Losses	Predicted Company Water Use	Predicted System Water Production
	(100 CCF)	(1,000 Gallons)			(100 CCF)	(1,000 Gallons)			(1,000 Gallons)		(1,000 Gallons)	(1,000 Gallons)	(1,000 Gallons)	(1,000 Gallons)	(1,000 Gallons)	(1,000 Gallons)
Apr-05	18.390	451,883		65,698	101.6422	337,576		8,571	3,632		1,983	795,073	874	83,494	10,550	889,991
May-05	21.126	519,985		65,808	102.9616	342,703		8,590	3,968		2,167	868,823	2,595	130,135	14,340	1,015,894
Jun-05	34.819	858,477		65,919	146.5152	488,730		8,608	6,197		3,384	1,356,788	3,206	123,948	15,224	1,499,165
Jul-05	54.044	1,334,700		66,029	186.3920	623,096		8,627	9,006		4,917	1,971,719	15,807	111,112	19,798	2,118,436
Aug-05	71.691	1,773,516		66,140	238.3781	798,652		8,646	11,832		6,460	2,590,460	7,975	33,631	22,173	2,654,240
Sep-05	77.446	1,919,090		66,251	248.0041	832,743		8,665	12,658		6,911	2,771,404	4,566	21,819	23,662	2,821,450
Oct-05	63.151	1,567,471		66,362	234.9040	790,500		8,685	10,847		5,922	2,374,740	9,208	36,190	25,528	2,445,665
Nov-05	40.744	1,013,008		66,473	175.4516	591,733		8,704	7,382		4,030	1,616,153	6,966	55,389	26,761	1,705,270
Dec-05	22.360	556,866		66,584	121.3856	410,289		8,723	4,449		2,429	974,034	2,572	64,938	27,727	1,069,271
Jan-06	13.645	340,373		66,695	88.4313	299,559		8,742	2,944		1,607	644,482	1,830	93,062	12,693	752,068
Feb-06	13.892	347,132		66,806	89.3087	303,194		8,761	2,992		1,633	654,951	410	85,941	12,818	754,120
Mar-06	16.064	402,048		66,917	94.9998	323,220		8,780	3,336		1,822	730,426	1,329	85,359	13,396	830,511
Apr-06	18.390	461,032		67,028	101.6422	346,574		8,800	3,715		2,028	813,349	891	85,441	10,795	910,476
May-06	21.126	530,497		67,139	102.9616	351,837		8,819	4,059		2,216	888,609	2,646	133,173	14,675	1,039,102
Jun-06	34.819	875,807		67,250	146.5152	501,755		8,838	6,337		3,460	1,387,358	3,268	126,846	15,580	1,533,051
Jul-06	54.044	1,361,604		67,360	186.3920	639,700		8,857	9,206		5,026	2,015,537	16,112	113,713	20,262	2,165,623
Aug-06	71.691	1,809,222		67,472	238.3781	819,793		8,875	12,093		6,603	2,647,711	8,129	34,417	22,692	2,712,948
Sep-06	77.446	1,957,680		67,583	248.0041	854,640		8,893	12,937		7,063	2,832,320	4,654	22,326	24,212	2,883,511
Oct-06	63.151	1,598,951		67,695	234.9040	811,147		8,911	11,086		6,053	2,427,238	9,385	37,023	26,115	2,499,761
Nov-06	40.744	1,033,327	Forecast	67,806	175.4516	607,086	Forecast	8,930	7,546	Forecast	4,120	1,652,079	7,099	56,652	27,371	1,743,201
Dec-06	22.360	568,023		67,918	121.3856	420,863		8,948	4,549		2,484	995,918	2,621	66,404	28,353	1,093,296
Jan-07	13.645	347,183		68,029	88.4313	307,227		8,966	3,010		1,644	659,064	1,865	95,144	12,977	769,051
Feb-07	13.892	354,070		68,141	89.3087	310,903		8,984	3,059		1,670	669,702	418	87,861	13,104	771,085
Mar-07	16.064	410,073		68,252	94.9998	331,383		9,002	3,411		1,862	746,729	1,355	87,264	13,695	849,043
Apr-07	18.390	470,223		68,364	101.6422	355,268		9,020	3,797		2,073	831,362	908	87,344	11,036	930,650
May-07	21.126	541,061		68,475	102.9616	360,603		9,038	4,148		2,265	908,076	2,695	136,135	15,001	1,061,907
Jun-07	34.819	893,225		68,587	146.5152	514,171		9,057	6,474		3,535	1,417,405	3,329	129,662	15,925	1,566,321
Jul-07	54.044	1,388,651		68,699	186.3920	655,423		9,075	9,403		5,134	2,058,610	16,414	116,230	20,710	2,211,963
Aug-07	71.691	1,845,097		68,810	238.3781	839,968		9,094	12,351		6,744	2,704,160	8,280	35,175	23,192	2,770,807
Sep-07	77.446	1,996,430		68,921	248.0041	875,700		9,112	13,212		7,213	2,892,555	4,740	22,815	24,742	2,944,853
Oct-07	63.151	1,630,545		69,033	234.9040	831,161		9,131	11,324		6,183	2,479,213	9,557	37,830	26,685	2,553,285
Nov-07	40.744	1,053,709		69,144	175.4516	622,084		9,150	7,709		4,209	1,687,711	7,229	57,882	27,965	1,780,787
Dec-07	22.360	579,207		69,255	121.3856	431,274		9,169	4,648		2,538	1,017,667	2,669	67,841	28,967	1,117,144
Jan-08	13.645	354,008		69,367	88.4313	314,837		9,188	3,077		1,680	673,601	1,899	97,200	13,258	785,957
Feb-08	13.892	361,017		69,478	89.3087	318,614		9,207	3,126		1,707	684,464	426	89,758	13,387	788,034
Mar-08	16.064	418,105		69,589	94.9998	339,612		9,226	3,485		1,903	763,105	1,379	89,147	13,991	867,622
Apr-08	18.390	479,418		69,701	101.6422	364,101		9,245	3,880		2,118	849,517	924	89,227	11,274	950,942
May-08	21.126	551,622		69,812	102.9616	369,580		9,263	4,238		2,314	927,752	2,744	139,068	15,324	1,084,888
Jun-08	34.819	910,630		69,923	146.5152	526,986		9,282	6,613		3,611	1,447,840	3,389	132,454	16,268	1,599,951
Jul-08	54.044	1,415,662		70,035	186.3920	671,778		9,301	9,602		5,243	2,102,286	16,710	118,730	21,156	2,258,882
Aug-08	71.691	1,880,980		70,148	238.3781	860,935		9,321	12,613		6,886	2,761,415	8,430	35,931	23,690	2,829,466
Sep-08	77.446	2,035,248		70,261	248.0041	897,566		9,340	13,491		7,366	2,953,671	4,826	23,305	25,274	3,007,076
Oct-08	63.151	1,662,243		70,375	234.9040	851,922		9,359	11,565		6,314	2,532,045	9,729	38,641	27,257	2,607,672
Nov-08	40.744	1,074,190		70,488	175.4516	637,627		9,379	7,874		4,299	1,723,990	7,359	59,123	28,565	1,819,037
Dec-08	22.360	590,463		70,601	121.3856	442,053		9,398	4,750		2,593	1,039,858	2,717	69,295	29,587	1,141,458
Jan-09	13.645	360,886		70,714	88.4313	322,708		9,418	3,145		1,717	688,455	1,933	99,283	13,542	803,212
Feb-09	13.892	368,030		70,828	89.3087	326,581		9,437	3,195		1,745	699,551	433	91,681	13,674	805,339
Mar-09	16.064	426,226		70,941	94.9998	348,107		9,456	3,562		1,945	779,839	1,404	91,057	14,291	886,591
Apr-09	18.390	488,727		71,054	101.6422	373,211		9,476	3,965		2,165	868,068	941	91,139	11,515	971,663
May-09	21.126	562,331		71,167	102.9616	378,830		9,495	4,329		2,364	947,854	2,793	142,048	15,653	1,108,348
Jun-09	34.819	928,306		71,281	146.5152	540,180		9,515	6,755		3,688	1,478,929	3,450	135,292	16,617	1,634,288

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	Residential				Commercial				Public							
	Water Use Per Customer	Predicted Water Use	Annual Average Customers	Linear Interpolation Customers	Water Use Per Customer	Predicted Water Use	Annual Average Customers	Linear Interpolation Customers	Predicted Water Use	Annual Average Customers	Predicted "Other" Water Use	Predicted System Water Sales	Predicted Hydrant Water Used	Predicted System Water Losses	Predicted Company Water Use	Predicted System Water Production
	(100 CCF)	(1,000 Gallons)			(100 CCF)	(1,000 Gallons)			(1,000 Gallons)		(1,000 Gallons)	(1,000 Gallons)	(1,000 Gallons)	(1,000 Gallons)	(1,000 Gallons)	(1,000 Gallons)
Jul-09	54.044	1,443,136		71,394	186.3920	688,603		9,534	9,806		5,354	2,146,898	17,010	121,275	21,609	2,306,792
Aug-09	71.691	1,917,441		71,508	238.3781	882,411		9,553	12,879		7,032	2,819,762	8,581	36,701	24,198	2,889,242
Sep-09	77.446	2,074,652		71,622	248.0041	919,866		9,572	13,775		7,521	3,015,814	4,912	23,804	25,815	3,070,346
Oct-09	63.151	1,694,388		71,735	234.9040	873,003		9,591	11,810		6,448	2,585,649	9,903	39,469	27,841	2,662,862
Nov-09	40.744	1,094,938		71,849	175.4516	653,342		9,610	8,042		4,391	1,760,713	7,491	60,387	29,176	1,857,767
Dec-09	22.360	601,854		71,963	121.3856	452,905		9,629	4,852		2,649	1,062,260	2,766	70,776	30,220	1,166,021
Jan-10	13.645	367,840		72,077	88.4313	330,598		9,648	3,213		1,754	703,405	1,968	101,403	13,831	820,607
Feb-10	13.892	375,113		72,191	89.3087	334,535		9,667	3,264		1,782	714,695	441	93,638	13,966	822,739
Mar-10	16.064	434,420		72,305	94.9998	356,551		9,686	3,638		1,987	796,595	1,429	92,999	14,595	905,619
Apr-10	18.390	498,112		72,419	101.6422	382,228		9,705	4,050		2,211	886,600	957	93,082	11,761	992,400
May-10	21.126	573,116		72,532	102.9616	387,946		9,724	4,421		2,414	967,897	2,843	145,072	15,986	1,131,798
Jun-10	34.819	946,090		72,646	146.5152	553,127		9,743	6,896		3,765	1,509,879	3,511	138,169	16,970	1,668,530
Jul-10	54.044	1,470,751		72,760	186.3920	705,041		9,762	10,009		5,465	2,191,265	17,310	123,849	22,068	2,354,492
Aug-10	71.691	1,954,066		72,874	238.3781	903,566		9,782	13,145		7,177	2,877,954	8,732	37,478	24,710	2,948,874
Sep-10	77.446	2,114,209	Forecast	72,987	248.0041	942,013	Forecast	9,802	14,059	Forecast	7,676	3,077,957	4,998	24,306	26,359	3,133,621
Oct-10	63.151	1,726,636		73,101	234.9040	894,110		9,823	12,055		6,582	2,639,384	10,076	40,298	28,426	2,718,184
Nov-10	40.744	1,115,740		73,214	175.4516	669,205		9,843	8,211		4,483	1,797,638	7,621	61,653	29,787	1,896,700
Dec-10	22.360	613,268		73,328	121.3856	463,946		9,864	4,955		2,705	1,084,875	2,814	72,257	30,852	1,190,798
Jan-11	13.645	374,803		73,441	88.4313	338,691		9,884	3,282		1,792	718,568	2,002	103,524	14,120	838,214
Feb-11	13.892	382,202		73,555	89.3087	342,758		9,904	3,335		1,821	730,115	449	95,596	14,258	840,417
Mar-11	16.064	442,614		73,669	94.9998	365,350		9,925	3,717		2,029	813,710	1,454	94,944	14,901	925,008
Apr-11	18.390	507,490		73,782	101.6422	391,699		9,945	4,136		2,258	905,584	974	95,028	12,007	1,013,593
May-11	21.126	583,888		73,896	102.9616	397,597		9,966	4,515		2,465	988,465	2,892	148,106	16,320	1,155,783
Jun-11	34.819	963,840		74,009	146.5152	566,942		9,986	7,042		3,845	1,541,668	3,572	141,059	17,325	1,703,625
Jul-11	54.044	1,498,296		74,123	186.3920	722,719		10,006	10,217		5,578	2,236,809	17,610	126,441	22,529	2,403,389
Aug-11	71.691	1,990,593		74,236	238.3781	926,224		10,027	13,417		7,326	2,937,560	8,883	38,262	25,227	3,009,933
Sep-11	77.446	2,153,656		74,349	248.0041	965,638		10,048	14,349		7,834	3,141,477	5,085	24,816	26,912	3,198,289
Oct-11	63.151	1,758,791		74,462	234.9040	916,536		10,069	12,307		6,719	2,694,353	10,251	41,143	29,021	2,774,768
Nov-11	40.744	1,136,479		74,575	175.4516	685,992		10,090	8,383		4,577	1,835,431	7,753	62,945	30,412	1,936,542
Dec-11	22.360	624,646		74,688	121.3856	475,586		10,111	5,061		2,763	1,108,056	2,863	73,772	31,499	1,216,189
Jan-12	13.645	381,744		74,801	88.4313	347,189		10,132	3,353		1,831	734,117	2,036	105,695	14,417	856,265
Feb-12	13.892	389,266		74,915	89.3087	351,359		10,153	3,407		1,860	745,892	456	97,601	14,557	858,506
Mar-12	16.064	450,780		75,028	94.9998	374,519		10,174	3,796		2,073	831,168	1,479	96,935	15,213	944,795
Apr-12	18.390	516,836		75,141	101.6422	401,530		10,195	4,224		2,306	924,897	991	97,021	12,259	1,035,168
May-12	21.126	594,621		75,254	102.9616	407,577		10,216	4,610		2,517	1,009,325	2,942	151,212	16,662	1,180,142
Jun-12	34.819	981,523		75,367	146.5152	581,175		10,237	7,188		3,925	1,573,811	3,634	144,017	17,689	1,739,150
Jul-12	54.044	1,525,733		75,480	186.3920	740,864		10,258	10,426		5,693	2,282,717	17,915	129,089	23,001	2,452,722
Aug-12	71.691	2,027,073		75,596	238.3781	949,375		10,278	13,692		7,475	2,997,615	9,037	39,063	25,755	3,071,470
Sep-12	77.446	2,193,153		75,713	248.0041	989,666		10,298	14,641		7,994	3,205,453	5,172	25,334	27,474	3,263,433
Oct-12	63.151	1,791,070		75,829	234.9040	939,240		10,319	12,559		6,857	2,749,727	10,427	42,000	29,626	2,831,780
Nov-12	40.744	1,157,352		75,945	175.4516	702,908		10,339	8,557		4,672	1,873,490	7,886	64,254	31,044	1,976,674
Dec-12	22.360	636,127		76,061	121.3856	487,261		10,359	5,168		2,821	1,131,376	2,912	75,304	32,153	1,241,745
Jan-13	13.645	388,765		76,177	88.4313	355,674		10,380	3,424		1,870	749,733	2,071	107,888	14,716	874,409
Feb-13	13.892	396,431		76,293	89.3087	359,907		10,400	3,479		1,900	761,717	464	99,625	14,859	876,665
Mar-13	16.064	459,083		76,410	94.9998	383,590		10,420	3,876		2,116	848,666	1,504	98,944	15,528	964,642
Apr-13	18.390	526,363		76,526	101.6422	411,211		10,441	4,313		2,355	944,241	1,008	99,030	12,513	1,056,792
May-13	21.126	605,589		76,642	102.9616	417,360		10,461	4,706		2,569	1,030,224	2,993	154,341	17,007	1,204,564
Jun-13	34.819	999,642		76,758	146.5152	595,061		10,481	7,336		4,005	1,606,044	3,696	146,993	18,054	1,774,787
Jul-13	54.044	1,553,917		76,874	186.3920	758,487		10,502	10,637		5,808	2,328,849	18,219	131,754	23,476	2,502,297
Aug-13	71.691	2,064,449		76,990	238.3781	972,056		10,524	13,968		7,626	3,058,099	9,190	39,868	26,286	3,133,442
Sep-13	77.446	2,233,516		77,106	248.0041	1,013,413		10,545	14,936		8,155	3,270,019	5,260	25,855	28,039	3,329,172

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	Residential				Commercial				Public		Predicted "Other" Water Use	Predicted System Water Sales	Predicted Hydrant Water Used	Predicted System Water Losses	Predicted Company Water Use	Predicted System Water Production
	Water Use Per Customer	Predicted Water Use	Annual Average Customers	Linear Interpolation Customers	Water Use Per Customer	Predicted Water Use	Annual Average Customers	Linear Interpolation Customers	Predicted Water Use	Annual Average Customers						
	(100 CCF)	(1,000 Gallons)			(100 CCF)	(1,000 Gallons)			(1,000 Gallons)		(1,000 Gallons)	(1,000 Gallons)	(1,000 Gallons)	(1,000 Gallons)	(1,000 Gallons)	(1,000 Gallons)
Oct-13	63.151	1,823,973		77,222	234.9040	961,874		10,567	12,815		6,997	2,805,658	10,603	42,862	30,234	2,889,357
Nov-13	40.744	1,178,574		77,337	175.4516	719,920		10,589	8,733		4,768	1,911,995	8,019	65,571	31,681	2,017,265
Dec-13	22.360	647,769		77,453	121.3856	499,103		10,611	5,276		2,880	1,155,029	2,960	76,847	32,812	1,267,647
Jan-14	13.645	395,868		77,569	88.4313	364,355		10,633	3,497		1,909	765,629	2,106	110,097	15,017	892,849
Feb-14	13.892	403,660		77,685	89.3087	368,728		10,655	3,553		1,940	777,881	472	101,665	15,163	895,180
Mar-14	16.064	467,439		77,800	94.9998	393,030		10,677	3,958		2,161	866,588	1,529	100,970	15,846	984,934
Apr-14	18.390	535,926		77,916	101.6422	421,373		10,699	4,404		2,404	964,107	1,025	101,058	12,769	1,078,958
May-14	21.126	616,571		78,032	102.9616	427,716		10,721	4,804		2,623	1,051,714	3,043	157,502	17,355	1,229,613
Jun-14	34.819	1,017,737		78,148	146.5152	609,886		10,742	7,487		4,088	1,639,198	3,757	150,005	18,424	1,811,385
Jul-14	54.044	1,581,995		78,263	186.3920	777,459		10,764	10,853		5,926	2,376,233	18,524	134,455	23,957	2,553,169
Aug-14	71.691	2,101,699		78,379	238.3781	996,381		10,787	14,251		7,781	3,120,112	9,344	40,686	26,825	3,196,966
Sep-14	77.446	2,273,761		78,495	248.0041	1,038,784		10,809	15,238		8,319	3,336,102	5,348	26,385	28,614	3,396,449
Oct-14	63.151	1,856,792		78,611	234.9040	985,966		10,832	13,077		7,140	2,862,974	10,781	43,742	30,855	2,948,352
Nov-14	40.744	1,199,751		78,727	175.4516	737,959		10,855	8,913		4,867	1,951,490	8,153	66,919	32,332	2,058,894
Dec-14	22.360	659,392		78,843	121.3856	511,615		10,877	5,387		2,941	1,179,336	3,010	78,427	33,486	1,294,259
Jan-15	13.645	402,961		78,959	88.4313	373,493		10,900	3,572		1,950	781,975	2,141	112,362	15,326	911,805
Feb-15	13.892	410,883		79,075	89.3087	377,979		10,922	3,629		1,981	794,473	480	103,757	15,475	914,184
Mar-15	16.064	475,792		79,191	94.9998	402,896		10,945	4,042		2,207	884,937	1,555	103,048	16,172	1,005,712
Apr-15	18.390	545,489		79,307	101.6422	431,955		10,967	4,496		2,455	984,395	1,042	103,138	13,032	1,101,607
May-15	21.126	627,559		79,422	102.9616	438,462		10,990	4,904		2,677	1,073,601	3,094	160,744	17,713	1,255,152
Jun-15	34.819	1,035,848	Forecast	79,538	146.5152	625,216	Forecast	11,012	7,641	Forecast	4,172	1,672,876	3,821	153,093	18,803	1,848,592
Jul-15	54.044	1,610,108		79,654	186.3920	797,009		11,035	11,073		6,045	2,424,235	18,835	137,221	24,450	2,604,741
Aug-15	71.691	2,139,043		79,772	238.3781	1,021,407		11,058	14,538		7,937	3,182,926	9,500	41,522	27,376	3,261,325
Sep-15	77.446	2,314,158		79,890	248.0041	1,064,845		11,081	15,543		8,486	3,403,033	5,437	26,927	29,202	3,464,599
Oct-15	63.151	1,889,777		80,008	234.9040	1,010,674		11,103	13,342		7,284	2,921,077	10,961	44,639	31,488	3,008,165
Nov-15	40.744	1,221,062		80,126	175.4516	756,431		11,126	9,096		4,966	1,991,556	8,289	68,290	32,994	2,101,129
Dec-15	22.360	671,104		80,243	121.3856	524,407		11,149	5,499		3,003	1,204,013	3,060	80,033	34,172	1,321,278
Jan-16	13.645	410,117		80,361	88.4313	382,820		11,172	3,648		1,991	798,576	2,177	114,663	15,640	931,056
Feb-16	13.892	418,179		80,479	89.3087	387,408		11,195	3,706		2,023	811,316	488	105,881	15,792	933,476
Mar-16	16.064	484,240		80,597	94.9998	412,935		11,218	4,127		2,253	903,555	1,581	105,157	16,503	1,026,796
Apr-16	18.390	555,173		80,715	101.6422	442,706		11,240	4,590		2,506	1,004,975	1,059	105,249	13,298	1,124,581
May-16	21.126	638,698		80,832	102.9616	449,363		11,263	5,005		2,733	1,095,799	3,145	164,032	18,075	1,281,051
Jun-16	34.819	1,054,233		80,950	146.5152	640,742		11,286	7,797		4,257	1,707,029	3,884	156,223	19,188	1,886,324
Jul-16	54.044	1,638,683		81,068	186.3920	816,779		11,309	11,295		6,167	2,472,924	19,147	140,026	24,950	2,657,047
Aug-16	71.691	2,176,973		81,187	238.3781	1,046,697		11,332	14,829		8,096	3,246,596	9,658	42,370	27,935	3,326,559
Sep-16	77.446	2,355,158		81,305	248.0041	1,091,162		11,355	15,853		8,655	3,470,829	5,527	27,477	29,798	3,533,630
Oct-16	63.151	1,923,230		81,424	234.9040	1,035,607		11,377	13,611		7,431	2,979,878	11,142	45,549	32,130	3,068,699
Nov-16	40.744	1,242,658		81,543	175.4516	775,058		11,400	9,281		5,067	2,032,065	8,426	69,680	33,666	2,143,838
Dec-16	22.360	682,963		81,661	121.3856	537,297		11,423	5,613		3,065	1,228,938	3,111	81,661	34,867	1,348,577
Jan-17	13.645	417,358		81,780	88.4313	392,213		11,446	3,724		2,033	815,329	2,213	116,994	15,958	950,493
Feb-17	13.892	425,557		81,899	89.3087	396,896		11,469	3,783		2,066	828,302	496	108,032	16,112	952,942
Mar-17	16.064	492,775		82,017	94.9998	423,030		11,492	4,213		2,300	922,318	1,607	107,293	16,839	1,048,056
Apr-17	18.390	564,951		82,136	101.6422	453,509		11,515	4,685		2,558	1,025,703	1,077	107,385	13,568	1,147,733
May-17	21.126	649,938		82,255	102.9616	460,309		11,538	5,107		2,788	1,118,142	3,197	167,360	18,442	1,307,140
Jun-17	34.819	1,072,770		82,373	146.5152	656,322		11,560	7,954		4,343	1,741,388	3,948	159,390	19,577	1,924,303
Jul-17	54.044	1,667,471		82,492	186.3920	836,604		11,583	11,519		6,289	2,521,883	19,460	142,862	25,455	2,709,660
Aug-17	71.691	2,215,186		82,612	238.3781	1,072,114		11,607	15,122		8,256	3,310,677	9,815	43,227	28,500	3,392,219
Sep-17	77.446	2,396,463		82,731	248.0041	1,117,669		11,630	16,165		8,826	3,539,123	5,617	28,031	30,399	3,603,170
Oct-17	63.151	1,956,932		82,851	234.9040	1,060,774		11,654	13,881		7,579	3,039,166	11,323	46,466	32,777	3,129,732
Nov-17	40.744	1,264,416		82,970	175.4516	793,901		11,677	9,468		5,169	2,072,955	8,562	71,081	34,343	2,186,941
Dec-17	22.360	694,911		83,090	121.3856	550,365		11,701	5,728		3,128	1,254,132	3,161	83,301	35,568	1,376,161

United Water Idaho: Monthly Water Demand Forecast, 2000 to 2050, with Constant Real Prices

	Residential				Commercial				Public							
	Water Use Per Customer	Predicted Water Use	Annual Average Customers	Linear Interpolation Customers	Water Use Per Customer	Predicted Water Use	Annual Average Customers	Linear Interpolation Customers	Predicted Water Use	Annual Average Customers	Predicted "Other" Water Use	Predicted System Water Sales	Predicted Hydrant Water Used	Predicted System Water Losses	Predicted Company Water Use	Predicted System Water Production
	(100 CCF)	(1,000 Gallons)			(100 CCF)	(1,000 Gallons)			(1,000 Gallons)		(1,000 Gallons)	(1,000 Gallons)	(1,000 Gallons)	(1,000 Gallons)	(1,000 Gallons)	(1,000 Gallons)
Jan-18	13.645	424,654		83,210	88.4313	401,756		11,725	3,801		2,076	832,287	2,249	119,342	16,278	970,155
Feb-18	13.892	432,989		83,329	89.3087	406,557		11,748	3,862		2,109	845,517	504	110,200	16,436	972,656
Mar-18	16.064	501,374		83,449	94.9998	433,331		11,772	4,300		2,348	941,353	1,633	109,445	17,176	1,069,607
Apr-18	18.390	574,801		83,568	101.6422	464,557		11,795	4,781		2,610	1,046,750	1,094	109,539	13,840	1,171,223
May-18	21.126	661,261		83,688	102.9616	471,526		11,819	5,211		2,845	1,140,843	3,248	170,716	18,811	1,333,618
Jun-18	34.819	1,091,443		83,807	146.5152	672,323		11,842	8,113		4,430	1,776,309	4,011	162,586	19,969	1,962,875
Jul-18	54.044	1,696,473		83,927	186.3920	857,008		11,866	11,746		6,413	2,571,640	19,773	145,725	25,966	2,763,103
Aug-18	71.691	2,253,673		84,047	238.3781	1,098,202		11,889	15,419		8,418	3,375,713	9,973	44,093	29,071	3,458,849
Sep-18	77.446	2,438,057		84,167	248.0041	1,144,805		11,913	16,481		8,998	3,608,342	5,707	28,592	31,007	3,673,649
Oct-18	63.151	1,990,862		84,287	234.9040	1,086,471		11,936	14,156		7,729	3,099,217	11,504	47,396	33,432	3,191,549
Nov-18	40.744	1,286,316		84,407	175.4516	813,090		11,960	9,657		5,273	2,114,336	8,699	72,502	35,029	2,230,566
Dec-18	22.360	706,935		84,528	121.3856	563,638		11,983	5,845		3,191	1,279,608	3,212	84,964	36,278	1,404,062
Jan-19	13.645	431,994		84,648	88.4313	411,423		12,007	3,880		2,118	849,415	2,285	121,723	16,603	990,026
Feb-19	13.892	440,465		84,768	89.3087	416,318		12,030	3,941		2,152	862,877	512	112,398	16,764	992,550
Mar-19	16.064	510,023		84,888	94.9998	443,712		12,054	4,387		2,395	960,517	1,659	111,627	17,519	1,091,322
Apr-19	18.390	584,706		85,008	101.6422	475,661		12,077	4,878		2,663	1,067,908	1,111	111,722	14,116	1,194,857
May-19	21.126	672,644		85,128	102.9616	482,772		12,101	5,315		2,902	1,163,632	3,300	174,115	19,186	1,360,233
Jun-19	34.819	1,110,212	Forecast	85,249	146.5152	688,321	Forecast	12,124	8,273	Forecast	4,517	1,811,324	4,075	165,821	20,367	2,001,586
Jul-19	54.044	1,725,617		85,369	186.3920	877,356		12,148	11,974		6,537	2,621,484	20,086	148,621	26,482	2,816,672
Aug-19	71.691	2,292,381		85,491	238.3781	1,124,332		12,172	15,717		8,581	3,441,011	10,130	44,967	29,648	3,525,756
Sep-19	77.446	2,479,923		85,612	248.0041	1,172,100		12,197	16,799		9,172	3,677,994	5,797	29,158	31,621	3,744,570
Oct-19	63.151	2,025,041		85,734	234.9040	1,112,428		12,221	14,432		7,880	3,159,781	11,685	48,331	34,092	3,253,889
Nov-19	40.744	1,308,395		85,856	175.4516	832,555		12,246	9,848		5,377	2,156,176	8,836	73,931	35,719	2,274,662
Dec-19	22.360	719,067		85,978	121.3856	577,158		12,271	5,963		3,255	1,305,443	3,262	86,638	36,992	1,432,335
Jan-20	13.645	439,405		86,100	88.4313	421,313		12,295	3,959		2,162	866,839	2,320	124,120	16,930	1,010,209
Feb-20	13.892	448,021		86,222	89.3087	426,345		12,320	4,022		2,196	880,584	520	114,611	17,094	1,012,809
Mar-20	16.064	518,770		86,344	94.9998	454,420		12,344	4,477		2,444	980,110	1,685	113,825	17,864	1,113,484
Apr-20	18.390	594,732		86,466	101.6422	487,163		12,369	4,977		2,717	1,089,588	1,129	113,922	14,394	1,219,033
May-20	21.126	684,175		86,588	102.9616	494,469		12,394	5,422		2,960	1,187,025	3,351	177,545	19,564	1,387,485
Jun-20	34.819	1,129,241		86,710	146.5152	705,031		12,418	8,438		4,607	1,847,316	4,138	169,088	20,768	2,041,310
Jul-20	54.044	1,755,187		86,832	186.3920	898,696		12,443	12,208		6,665	2,672,756	20,400	151,551	27,004	2,871,710
Aug-20	71.691	2,331,615		86,954	238.3781	1,151,541		12,467	16,023		8,748	3,507,927	10,289	45,855	30,233	3,594,303
Sep-20	77.446	2,522,315		87,076	248.0041	1,200,322		12,490	17,124		9,349	3,749,111	5,888	29,734	32,245	3,816,978
Oct-20	63.151	2,059,615		87,198	234.9040	1,139,079		12,514	14,714		8,034	3,221,441	11,868	49,286	34,766	3,317,361
Nov-20	40.744	1,330,706		87,320	175.4516	852,400		12,538	10,042		5,483	2,198,632	8,974	75,391	36,425	2,319,422
Dec-20	22.360	731,314		87,443	121.3856	590,846		12,562	6,082		3,321	1,331,563	3,313	88,348	37,722	1,460,946
Jan-21	13.645	446,880		87,565	88.4313	431,254		12,585	4,039		2,205	884,379	2,357	126,569	17,264	1,030,569
Feb-21	13.892	455,633		87,687	89.3087	436,354		12,609	4,103		2,240	898,331	528	116,871	17,431	1,033,161
Mar-21	16.064	527,573		87,809	94.9998	465,034		12,633	4,566		2,493	999,666	1,712	116,069	18,216	1,135,663
Apr-21	18.390	604,812		87,931	101.6422	498,484		12,657	5,075		2,771	1,111,142	1,147	116,165	14,677	1,243,132
May-21	21.126	695,757		88,054	102.9616	505,902		12,680	5,528		3,018	1,210,204	3,408	181,036	19,949	1,414,597
Jun-21	34.819	1,148,334		88,176	146.5152	721,250		12,704	8,600		4,695	1,882,879	4,210	172,408	21,176	2,080,673
Jul-21	54.044	1,784,828		88,298	186.3920	919,265		12,728	12,439		6,791	2,723,323	20,758	154,519	27,533	2,926,133
Aug-21	71.691	2,370,963		88,421	238.3781	1,177,935		12,752	16,325		8,913	3,574,136	10,473	46,749	30,823	3,662,181
Sep-21	77.446	2,564,851		88,544	248.0041	1,227,873		12,777	17,447		9,525	3,819,697	5,995	30,311	32,872	3,888,875
Oct-21	63.151	2,094,324		88,668	234.9040	1,165,261		12,802	14,994		8,186	3,282,766	12,087	50,239	35,438	3,380,531
Nov-21	40.744	1,353,116		88,791	175.4516	872,021		12,826	10,236		5,588	2,240,961	9,142	76,844	37,127	2,364,075
Dec-21	22.360	743,621		88,914	121.3856	604,466		12,851	6,201		3,386	1,357,673	3,376	90,048	38,448	1,489,545
Jan-22	13.645	454,395		89,037	88.4313	441,209		12,876	4,120		2,249	901,973	2,402	129,002	17,596	1,050,972
Feb-22	13.892	463,290		89,161	89.3087	446,441		12,901	4,185		2,285	916,200	538	119,116	17,766	1,053,620
Mar-22	16.064	536,433		89,284	94.9998	475,798		12,925	4,656		2,542	1,019,430	1,745	118,297	18,566	1,158,037

United Water Idaho: Monthly Water Demand Forecast, 2000 to 2050, with Constant Real Prices

	Residential				Commercial				Public		Predicted "Other" Water Use	Predicted System Water Sales	Predicted Hydrant Water Used	Predicted System Water Losses	Predicted Company Water Use	Predicted System Water Production
	Water Use Per Customer	Predicted Water Use	Annual Average Customers	Linear Interpolation Customers	Water Use Per Customer	Predicted Water Use	Annual Average Customers	Linear Interpolation Customers	Predicted Water Use	Annual Average Customers						
	(100 CCF)	(1,000 Gallons)			(100 CCF)	(1,000 Gallons)			(1,000 Gallons)		(1,000 Gallons)	(1,000 Gallons)	(1,000 Gallons)	(1,000 Gallons)	(1,000 Gallons)	(1,000 Gallons)
Apr-22	18.390	614,962		89,407	101.6422	510,038		12,950	5,175		2,825	1,133,001	1,169	118,394	14,959	1,267,523
May-22	21.126	707,425		89,530	102.9616	517,644		12,975	5,635		3,077	1,233,781	3,473	184,509	20,331	1,442,095
Jun-22	34.819	1,167,578		89,653	146.5152	738,013		12,999	8,766		4,786	1,919,143	4,291	175,716	21,582	2,120,731
Jul-22	54.044	1,814,718		89,777	186.3920	940,660		13,024	12,675		6,920	2,774,973	21,158	157,483	28,061	2,981,675
Aug-22	71.691	2,410,634		89,901	238.3781	1,205,265		13,048	16,633		9,081	3,641,613	10,674	47,646	31,414	3,731,348
Sep-22	77.446	2,607,727		90,025	248.0041	1,256,273		13,073	17,774		9,704	3,891,479	6,111	30,893	33,503	3,961,985
Oct-22	63.151	2,129,303		90,149	234.9040	1,192,129		13,097	15,279		8,342	3,345,052	12,320	51,203	36,118	3,444,693
Nov-22	40.744	1,375,695		90,272	175.4516	892,065		13,121	10,432		5,695	2,283,887	9,318	78,318	37,839	2,409,363
Dec-22	22.360	756,018		90,396	121.3856	618,317		13,146	6,322		3,452	1,384,108	3,441	91,773	39,185	1,518,508
Jan-23	13.645	461,964		90,520	88.4313	451,287		13,170	4,201		2,294	919,746	2,448	131,473	17,933	1,071,600
Feb-23	13.892	471,000		90,644	89.3087	456,607		13,194	4,267		2,330	934,204	549	121,397	18,106	1,074,256
Mar-23	16.064	545,352		90,768	94.9998	486,600		13,219	4,747		2,592	1,039,291	1,779	120,561	18,921	1,180,552
Apr-23	18.390	625,178		90,892	101.6422	521,581		13,243	5,275		2,880	1,154,915	1,192	120,659	15,245	1,292,011
May-23	21.126	719,167		91,016	102.9616	529,323		13,267	5,743		3,136	1,257,368	3,540	188,036	20,720	1,469,664
Jun-23	34.819	1,186,941		91,140	146.5152	754,612		13,292	8,931		4,876	1,955,361	4,373	179,071	21,994	2,160,799
Jul-23	54.044	1,844,786		91,264	186.3920	961,752		13,316	12,910		7,049	2,826,497	21,563	160,486	28,596	3,037,141
Aug-23	71.691	2,450,591		91,391	238.3781	1,232,307		13,341	16,941		9,250	3,709,089	10,878	48,553	32,012	3,800,531
Sep-23	77.446	2,650,968		91,517	248.0041	1,284,478		13,366	18,103		9,884	3,963,433	6,227	31,479	34,138	4,035,277
Oct-23	63.151	2,164,624		91,644	234.9040	1,218,910		13,391	15,564		8,498	3,407,596	12,554	52,172	36,801	3,509,124
Nov-23	40.744	1,398,524		91,771	175.4516	912,118		13,416	10,629		5,803	2,327,074	9,495	79,796	38,553	2,454,919
Dec-23	22.360	768,569	Forecast	91,897	121.3856	632,224	Forecast	13,441	6,444	Forecast	3,518	1,410,755	3,506	93,504	39,924	1,547,689
Jan-24	13.645	469,636		92,024	88.4313	461,444		13,466	4,283		2,338	937,702	2,495	133,951	18,271	1,092,418
Feb-24	13.892	478,825		92,150	89.3087	466,890		13,491	4,350		2,375	952,441	559	123,684	18,447	1,095,132
Mar-24	16.064	554,416		92,277	94.9998	497,565		13,517	4,839		2,642	1,059,462	1,812	122,832	19,277	1,203,384
Apr-24	18.390	635,573		92,404	101.6422	533,342		13,542	5,377		2,936	1,177,228	1,214	122,931	15,532	1,316,906
May-24	21.126	731,129		92,530	102.9616	541,265		13,567	5,853		3,196	1,281,443	3,607	191,577	21,110	1,497,737
Jun-24	34.819	1,206,691		92,657	146.5152	771,648		13,592	9,100		4,969	1,992,408	4,456	182,444	22,408	2,201,716
Jul-24	54.044	1,875,494		92,783	186.3920	983,477		13,617	13,151		7,180	2,879,302	21,971	163,510	29,134	3,093,917
Aug-24	71.691	2,491,345		92,911	238.3781	1,260,071		13,642	17,257		9,422	3,778,095	11,084	49,468	32,615	3,871,262
Sep-24	77.446	2,695,015		93,038	248.0041	1,313,341		13,666	18,438		10,067	4,036,862	6,345	32,073	34,782	4,110,062
Oct-24	63.151	2,200,558		93,165	234.9040	1,246,229		13,691	15,855		8,657	3,471,299	12,792	53,156	37,496	3,574,743
Nov-24	40.744	1,421,720		93,293	175.4516	932,508		13,716	10,829		5,913	2,370,969	9,675	81,302	39,281	2,501,227
Dec-24	22.360	781,305		93,420	121.3856	646,320		13,741	6,567		3,585	1,437,778	3,572	95,268	40,677	1,577,295
Jan-25	13.645	477,411		93,547	88.4313	471,706		13,766	4,366		2,384	955,867	2,542	136,477	18,615	1,113,501
Feb-25	13.892	486,746		93,675	89.3087	477,246		13,791	4,434		2,421	970,847	570	126,016	18,795	1,116,228
Mar-25	16.064	563,579		93,802	94.9998	508,573		13,816	4,932		2,693	1,079,776	1,847	125,147	19,641	1,226,410
Apr-25	18.390	646,067		93,929	101.6422	545,111		13,840	5,479		2,992	1,199,649	1,237	125,247	15,825	1,341,958
May-25	21.126	743,190		94,057	102.9616	553,178		13,865	5,963		3,256	1,305,587	3,675	195,184	21,508	1,525,953
Jun-25	34.819	1,226,580		94,184	146.5152	788,587		13,890	9,270		5,061	2,029,498	4,540	185,875	22,830	2,242,742
Jul-25	54.044	1,906,379		94,311	186.3920	1,005,010		13,915	13,392		7,312	2,932,093	22,385	166,581	29,682	3,150,741
Aug-25	71.691	2,532,748		94,455	238.3781	1,288,046		13,945	17,576		9,596	3,847,966	11,293	50,395	33,227	3,942,881
Sep-25	77.446	2,740,209		94,598	248.0041	1,342,901		13,974	18,782		10,255	4,112,147	6,464	32,673	35,433	4,186,718
Oct-25	63.151	2,237,790		94,742	234.9040	1,274,659		14,004	16,157		8,822	3,537,428	13,033	54,153	38,198	3,642,811
Nov-25	40.744	1,445,987		94,885	175.4516	954,064		14,033	11,040		6,028	2,417,118	9,858	82,830	40,019	2,549,825
Dec-25	22.360	794,757		95,028	121.3856	661,457		14,063	6,699		3,657	1,466,570	3,640	97,064	41,444	1,608,717
Jan-26	13.645	485,703		95,172	88.4313	482,895		14,092	4,456		2,433	975,486	2,590	139,056	18,967	1,136,099
Feb-26	13.892	495,271		95,315	89.3087	488,710		14,122	4,526		2,471	990,979	581	128,403	19,151	1,139,113
Mar-26	16.064	573,534		95,459	94.9998	520,941		14,152	5,035		2,749	1,102,258	1,882	127,524	20,014	1,251,678
Apr-26	18.390	657,574		95,602	101.6422	558,530		14,181	5,594		3,054	1,224,753	1,261	127,635	16,127	1,369,776
May-26	21.126	756,537		95,746	102.9616	566,961		14,211	6,088		3,324	1,332,909	3,746	198,922	21,920	1,557,497
Jun-26	34.819	1,248,788		95,889	146.5152	808,469		14,240	9,463		5,167	2,071,887	4,628	189,456	23,269	2,289,239

United Water Idaho: Monthly Water Demand Forecast, 2000 to 2050, with Constant Real Prices

	Residential				Commercial				Public		Predicted "Other" Water Use	Predicted System Water Sales	Predicted Hydrant Water Used	Predicted System Water Losses	Predicted Company Water Use	Predicted System Water Production
	Water Use Per Customer	Predicted Water Use	Annual Average Customers	Linear Interpolation Customers	Water Use Per Customer	Predicted Water Use	Annual Average Customers	Linear Interpolation Customers	Predicted Water Use	Annual Average Customers						
	(100 CCF)	(1,000 Gallons)			(100 CCF)	(1,000 Gallons)			(1,000 Gallons)		(1,000 Gallons)	(1,000 Gallons)	(1,000 Gallons)	(1,000 Gallons)	(1,000 Gallons)	(1,000 Gallons)
Jul-26	54.044	1,941,174		96,033	186.3920	1,030,645		14,270	13,670		7,464	2,992,953	22,822	169,819	30,259	3,215,853
Aug-26	71.691	2,578,980		96,179	238.3781	1,320,914		14,300	17,940		9,795	3,927,628	11,516	51,389	33,882	4,024,414
Sep-26	77.446	2,790,232		96,325	248.0041	1,377,181		14,331	19,170		10,466	4,197,050	6,594	33,328	36,144	4,273,116
Oct-26	63.151	2,278,646		96,471	234.9040	1,307,209		14,361	16,495		9,006	3,611,355	13,299	55,255	38,976	3,718,886
Nov-26	40.744	1,472,389		96,617	175.4516	978,436		14,392	11,274		6,155	2,468,254	10,062	84,537	40,844	2,603,697
Dec-26	22.360	809,270		96,764	121.3856	678,360		14,422	6,843		3,736	1,498,210	3,716	99,079	42,305	1,643,309
Jan-27	13.645	494,573		96,910	88.4313	495,240		14,453	4,553		2,486	996,852	2,644	141,956	19,362	1,160,815
Feb-27	13.892	504,317		97,056	89.3087	501,209		14,483	4,625		2,525	1,012,676	593	131,088	19,551	1,163,908
Mar-27	16.064	584,010		97,202	94.9998	534,269		14,514	5,144		2,809	1,126,231	1,922	130,196	20,433	1,278,781
Apr-27	18.390	669,586		97,349	101.6422	572,825		14,544	5,715		3,120	1,251,247	1,288	130,314	16,465	1,399,314
May-27	21.126	770,358		97,495	102.9616	581,476		14,575	6,218		3,395	1,361,448	3,825	203,104	22,380	1,590,757
Jun-27	34.819	1,271,604		97,641	146.5152	829,175		14,605	9,664		5,276	2,115,719	4,725	193,443	23,759	2,337,647
Jul-27	54.044	1,976,644		97,787	186.3920	1,057,051		14,635	13,955		7,619	3,055,269	23,305	173,397	30,896	3,282,868
Aug-27	71.691	2,626,111		97,936	238.3781	1,354,773		14,667	18,312		9,998	4,009,194	11,760	52,472	34,596	4,108,022
Sep-27	77.446	2,841,231		98,086	248.0041	1,412,500		14,698	19,567		10,683	4,283,981	6,734	34,031	36,906	4,361,652
Oct-27	63.151	2,320,300		98,235	234.9040	1,340,748		14,730	16,841		9,195	3,687,084	13,581	56,421	39,798	3,796,884
Nov-27	40.744	1,499,309		98,384	175.4516	1,003,552		14,761	11,513		6,286	2,520,660	10,275	86,321	41,706	2,658,961
Dec-27	22.360	824,068		98,533	121.3856	695,781		14,793	6,991		3,817	1,530,658	3,795	101,171	43,198	1,678,821
Jan-28	13.645	503,618		98,682	88.4313	507,964		14,824	4,653		2,541	1,018,776	2,700	144,953	19,771	1,186,201
Feb-28	13.892	513,541		98,831	89.3087	514,092		14,855	4,727		2,581	1,034,941	605	133,856	19,964	1,189,367
Mar-28	16.064	594,693	Forecast	98,981	94.9998	548,008	Forecast	14,887	5,256	Forecast	2,870	1,150,828	1,962	132,946	20,865	1,306,601
Apr-28	18.390	681,837		99,130	101.6422	587,563		14,918	5,839		3,188	1,278,427	1,315	133,067	16,813	1,429,623
May-28	21.126	784,455		99,279	102.9616	596,443		14,950	6,352		3,468	1,390,718	3,906	207,396	22,853	1,624,874
Jun-28	34.819	1,294,876		99,428	146.5152	850,527		14,981	9,869		5,388	2,160,661	4,826	197,532	24,261	2,387,280
Jul-28	54.044	2,012,825		99,577	186.3920	1,084,283		15,013	14,247		7,778	3,119,133	23,800	177,063	31,550	3,351,547
Aug-28	71.691	2,674,189		99,729	238.3781	1,389,688		15,045	18,694		10,206	4,092,778	12,010	53,582	35,328	4,193,698
Sep-28	77.446	2,893,258		99,882	248.0041	1,448,917		15,077	19,974		10,905	4,373,054	6,877	34,751	37,687	4,452,369
Oct-28	63.151	2,362,796		100,034	234.9040	1,375,328		15,110	17,195		9,388	3,764,708	13,870	57,615	40,641	3,876,835
Nov-28	40.744	1,526,774		100,186	175.4516	1,029,445		15,142	11,759		6,420	2,574,397	10,494	88,150	42,589	2,715,630
Dec-28	22.360	839,167		100,338	121.3856	713,740		15,174	7,143		3,900	1,563,950	3,876	103,315	44,113	1,715,254
Jan-29	13.645	512,847		100,491	88.4313	521,080		15,207	4,756		2,597	1,041,280	2,758	148,026	20,190	1,212,254
Feb-29	13.892	522,954		100,643	89.3087	527,371		15,239	4,831		2,638	1,057,794	618	136,694	20,387	1,215,494
Mar-29	16.064	605,595		100,795	94.9998	562,169		15,272	5,372		2,933	1,176,068	2,004	135,766	21,307	1,335,145
Apr-29	18.390	694,339		100,947	101.6422	602,751		15,304	5,967		3,258	1,306,314	1,343	135,890	17,170	1,460,717
May-29	21.126	798,841		101,100	102.9616	611,866		15,336	6,489		3,543	1,420,739	3,990	211,797	23,338	1,659,864
Jun-29	34.819	1,318,628		101,252	146.5152	872,529		15,369	10,079		5,503	2,206,739	4,929	201,724	24,776	2,438,168
Jul-29	54.044	2,049,752		101,404	186.3920	1,112,342		15,401	14,546		7,942	3,184,581	24,308	180,822	32,219	3,421,931
Aug-29	71.691	2,723,254		101,559	238.3781	1,425,663		15,434	19,085		10,420	4,178,422	12,267	54,720	36,078	4,281,486
Sep-29	77.446	2,946,345		101,714	248.0041	1,486,439		15,468	20,391		11,133	4,464,308	7,024	35,490	38,487	4,545,309
Oct-29	63.151	2,406,154		101,870	234.9040	1,410,958		15,501	17,559		9,587	3,844,258	14,166	58,840	41,505	3,958,769
Nov-29	40.744	1,554,792		102,025	175.4516	1,056,124		15,534	12,010		6,557	2,629,484	10,718	90,025	43,495	2,773,722
Dec-29	22.360	854,568		102,180	121.3856	732,244		15,568	7,299		3,985	1,598,097	3,959	105,513	45,052	1,752,620
Jan-30	13.645	522,260		102,335	88.4313	534,595		15,601	4,862		2,654	1,064,370	2,817	151,177	20,620	1,238,984
Feb-30	13.892	532,553		102,490	89.3087	541,054		15,635	4,939		2,696	1,081,242	631	139,604	20,821	1,242,298
Mar-30	16.064	616,712		102,645	94.9998	576,759		15,668	5,490		2,997	1,201,959	2,047	138,656	21,761	1,364,423
Apr-30	18.390	707,086		102,801	101.6422	618,400		15,701	6,097		3,329	1,334,913	1,372	138,783	17,535	1,492,603
May-30	21.126	813,507		102,956	102.9616	627,758		15,735	6,630		3,620	1,451,515	4,075	216,307	23,835	1,695,733
Jun-30	34.819	1,342,839		103,111	146.5152	895,199		15,768	10,295		5,621	2,253,954	5,034	206,021	25,304	2,490,314
Jul-30	54.044	2,087,390		103,266	186.3920	1,141,254		15,801	14,852		8,109	3,251,604	24,828	184,675	32,906	3,494,014
Aug-30	71.691	2,773,269		103,424	238.3781	1,462,733		15,836	19,486		10,639	4,266,126	12,529	55,886	36,847	4,371,388
Sep-30	77.446	3,000,469		103,583	248.0041	1,525,103		15,870	20,818		11,366	4,557,756	7,175	36,246	39,308	4,640,485

United Water Idaho
Monthy Forecast with Constant Real Prices

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	Residential				Commercial				Public		Predicted "Other" Water Use	Predicted System Water Sales	Predicted Hydrant Water Used	Predicted System Water Losses	Predicted Company Water Use	Predicted System Water Production
	Water Use Per Customer	Predicted Water Use	Annual Average Customers	Linear Interpolation Customers	Water Use Per Customer	Predicted Water Use	Annual Average Customers	Linear Interpolation Customers	Predicted Water Use	Annual Average Customers						
	(100 CCF)	(1,000 Gallons)			(100 CCF)	(1,000 Gallons)			(1,000 Gallons)		(1,000 Gallons)	(1,000 Gallons)	(1,000 Gallons)	(1,000 Gallons)	(1,000 Gallons)	(1,000 Gallons)
Oct-30	63.151	2,450,363		103,741	234.9040	1,447,673		15,904	17,931		9,790	3,925,756	14,470	60,095	42,390	4,042,712
Nov-30	40.744	1,583,365		103,900	175.4516	1,083,615		15,939	12,268		6,698	2,685,946	10,948	91,946	44,423	2,833,263
Dec-30	22.360	870,275		104,058	121.3856	751,312		15,973	7,459		4,073	1,633,119	4,043	107,765	46,013	1,790,942
Jan-31	13.645	531,861		104,216	88.4313	548,521		16,008	4,970		2,713	1,088,065	2,877	154,405	21,060	1,266,407
Feb-31	13.892	542,346		104,375	89.3087	555,153		16,042	5,048		2,756	1,105,303	645	142,585	21,266	1,269,799
Mar-31	16.064	628,054		104,533	94.9998	591,795		16,076	5,611		3,064	1,228,524	2,091	141,618	22,226	1,394,458
Apr-31	18.390	720,093		104,692	101.6422	634,527		16,111	6,231		3,402	1,364,253	1,401	141,748	17,910	1,525,313
May-31	21.126	828,475		104,850	102.9616	644,135		16,145	6,774		3,698	1,483,082	4,162	220,930	24,345	1,732,519
Jun-31	34.819	1,367,550		105,008	146.5152	918,561		16,179	10,516		5,742	2,302,369	5,142	210,425	25,845	2,543,781
Jul-31	54.044	2,125,810		105,167	186.3920	1,171,047		16,214	15,166		8,280	3,320,303	25,362	188,624	33,609	3,567,898
Aug-31	71.691	2,824,317		105,328	238.3781	1,500,935		16,249	19,896		10,863	4,356,012	12,799	57,081	37,635	4,463,527
Sep-31	77.446	3,055,704		105,490	248.0041	1,564,952		16,285	21,255		11,605	4,653,516	7,329	37,022	40,149	4,738,016
Oct-31	63.151	2,495,475		105,651	234.9040	1,485,515		16,320	18,313		9,998	4,009,301	14,781	61,382	43,298	4,128,762
Nov-31	40.744	1,612,517		105,813	175.4516	1,111,953		16,356	12,533		6,843	2,743,846	11,184	93,915	45,375	2,894,320
Dec-31	22.360	886,300		105,974	121.3856	770,969		16,391	7,623		4,162	1,669,054	4,131	110,075	46,999	1,830,259
Jan-32	13.645	541,655		106,136	88.4313	562,878		16,427	5,081		2,774	1,112,388	2,939	157,714	21,512	1,294,553
Feb-32	13.892	552,334		106,297	89.3087	569,690		16,462	5,161		2,818	1,130,003	659	145,642	21,722	1,298,026
Mar-32	16.064	639,622		106,459	94.9998	607,298		16,497	5,736		3,132	1,255,787	2,136	144,654	22,702	1,425,280
Apr-32	18.390	733,357		106,620	101.6422	651,156		16,533	6,369		3,477	1,394,359	1,431	144,789	18,294	1,558,874
May-32	21.126	843,736		106,781	102.9616	661,023		16,568	6,922		3,779	1,515,460	4,252	225,669	24,867	1,770,249
Jun-32	34.819	1,392,744	Forecast	106,943	146.5152	942,655	Forecast	16,604	10,743	Forecast	5,865	2,352,007	5,253	214,940	26,399	2,598,599
Jul-32	54.044	2,164,976		107,104	186.3920	1,201,776		16,639	15,487		8,456	3,390,695	25,909	192,672	34,331	3,643,607
Aug-32	71.691	2,876,360		107,269	238.3781	1,540,335		16,676	20,317		11,093	4,448,104	13,075	58,307	38,443	4,557,929
Sep-32	77.446	3,112,017		107,434	248.0041	1,606,047		16,712	21,703		11,849	4,751,616	7,487	37,817	41,012	4,837,933
Oct-32	63.151	2,541,470		107,598	234.9040	1,524,537		16,749	18,704		10,212	4,094,922	15,101	62,701	44,228	4,216,953
Nov-32	40.744	1,642,242		107,763	175.4516	1,141,173		16,785	12,804		6,991	2,803,209	11,425	95,935	46,350	2,956,919
Dec-32	22.360	902,640		107,928	121.3856	791,235		16,822	7,792		4,254	1,705,920	4,220	112,442	48,010	1,870,593
Jan-33	13.645	551,642		108,093	88.4313	577,679		16,859	5,195		2,836	1,137,352	3,003	161,107	21,975	1,323,437
Feb-33	13.892	562,519		108,257	89.3087	584,675		16,895	5,277		2,881	1,155,353	673	148,776	22,189	1,326,991
Mar-33	16.064	651,418		108,422	94.9998	623,278		16,932	5,864		3,201	1,283,761	2,182	147,768	23,191	1,456,902
Apr-33	18.390	746,884		108,587	101.6422	668,296		16,968	6,510		3,554	1,425,244	1,462	147,905	18,688	1,593,300
May-33	21.126	859,301		108,751	102.9616	678,429		17,005	7,074		3,862	1,548,665	4,344	230,528	25,402	1,808,940
Jun-33	34.819	1,418,440		108,916	146.5152	967,484		17,041	10,975		5,992	2,402,891	5,367	219,569	26,968	2,654,795
Jul-33	54.044	2,204,925		109,081	186.3920	1,233,442		17,078	15,816		8,635	3,462,818	26,470	196,823	35,070	3,721,181
Aug-33	71.691	2,929,439		109,249	238.3781	1,580,938		17,115	20,748		11,328	4,542,453	13,358	59,563	39,271	4,654,646
Sep-33	77.446	3,169,451		109,417	248.0041	1,648,399		17,153	22,162		12,100	4,852,112	7,649	38,632	41,896	4,940,290
Oct-33	63.151	2,588,378		109,584	234.9040	1,564,757		17,191	19,104		10,431	4,182,670	15,428	64,053	45,182	4,307,333
Nov-33	40.744	1,672,556		109,752	175.4516	1,171,291		17,228	13,082		7,142	2,864,071	11,673	98,004	47,350	3,021,099
Dec-33	22.360	919,303		109,920	121.3856	812,125		17,266	7,965		4,348	1,743,741	4,311	114,869	49,046	1,911,968
Jan-34	13.645	561,827		110,088	88.4313	592,937		17,304	5,312		2,900	1,162,976	3,068	164,585	22,449	1,353,079
Feb-34	13.892	572,905		110,256	89.3087	600,125		17,341	5,396		2,946	1,181,372	688	151,988	22,668	1,356,716
Mar-34	16.064	663,447		110,424	94.9998	639,754		17,379	5,995		3,273	1,312,469	2,230	150,959	23,692	1,489,349
Apr-34	18.390	760,677		110,592	101.6422	685,969		17,417	6,655		3,633	1,456,934	1,494	151,100	19,092	1,628,620
May-34	21.126	875,171		110,760	102.9616	696,377		17,455	7,229		3,947	1,582,724	4,439	235,509	25,951	1,848,623
Jun-34	34.819	1,444,639		110,928	146.5152	993,089		17,492	11,214		6,122	2,455,065	5,484	224,313	27,551	2,712,412
Jul-34	54.044	2,245,655		111,096	186.3920	1,266,098		17,530	16,154		8,820	3,536,727	27,045	201,077	35,828	3,800,677
Aug-34	71.691	2,983,875		111,279	238.3781	1,622,809		17,569	21,191		11,570	4,639,444	13,648	60,851	40,120	4,754,064
Sep-34	77.446	3,228,693		111,462	248.0041	1,692,070		17,608	22,636		12,358	4,955,757	7,816	39,469	42,803	5,045,844
Oct-34	63.151	2,637,041		111,645	234.9040	1,606,225		17,646	19,519		10,657	4,273,442	15,764	65,442	46,162	4,400,810
Nov-34	40.744	1,704,183		111,828	175.4516	1,202,342		17,685	13,370		7,300	2,927,194	11,928	100,132	48,379	3,087,633
Dec-34	22.360	936,786		112,011	121.3856	833,662		17,724	8,144		4,446	1,783,038	4,406	117,367	50,113	1,954,924

United Water Idaho: Monthly Water Demand Forecast, 2000 to 2050, with Constant Real Prices

	Residential				Commercial				Public		Predicted "Other" Water Use	Predicted System Water Sales	Predicted Hydrant Water Used	Predicted System Water Losses	Predicted Company Water Use	Predicted System Water Production
	Water Use Per Customer	Predicted Water Use	Annual Average Customers	Linear Interpolation Customers	Water Use Per Customer	Predicted Water Use	Annual Average Customers	Linear Interpolation Customers	Predicted Water Use	Annual Average Customers						
	(100 CCF)	(1,000 Gallons)			(100 CCF)	(1,000 Gallons)			(1,000 Gallons)		(1,000 Gallons)	(1,000 Gallons)	(1,000 Gallons)	(1,000 Gallons)	(1,000 Gallons)	(1,000 Gallons)
Jan-35	13.645	572,572		112,194	88.4313	608,666		17,763	5,434		2,967	1,189,639	3,135	168,167	22,938	1,383,879
Feb-35	13.892	583,924		112,377	89.3087	616,049		17,802	5,520		3,014	1,208,507	703	155,299	23,162	1,387,671
Mar-35	16.064	676,279		112,560	94.9998	656,735		17,840	6,132		3,348	1,342,494	2,278	154,249	24,208	1,523,229
Apr-35	18.390	775,471		112,743	101.6422	704,183		17,879	6,806		3,716	1,490,176	1,527	154,397	19,508	1,665,608
May-35	21.126	892,285		112,926	102.9616	714,873		17,918	7,393		4,036	1,618,587	4,536	240,654	26,518	1,890,295
Jun-35	34.819	1,473,043		113,109	146.5152	1,019,474		17,957	11,466		6,260	2,510,242	5,604	229,222	28,154	2,773,222
Jul-35	54.044	2,290,046		113,292	186.3920	1,299,746		17,996	16,513		9,016	3,615,321	27,641	205,489	36,615	3,885,066
Aug-35	71.691	3,042,863		113,479	238.3781	1,665,956		18,036	21,661		11,826	4,742,306	13,950	62,193	41,005	4,859,454
Sep-35	77.446	3,292,527		113,665	248.0041	1,737,079		18,076	23,136		12,632	5,065,374	7,990	40,343	43,751	5,157,458
Oct-35	63.151	2,689,182		113,852	234.9040	1,648,969		18,116	19,955		10,895	4,369,002	16,117	66,900	47,190	4,499,209
Nov-35	40.744	1,737,882		114,039	175.4516	1,234,352		18,156	13,672		7,465	2,993,371	12,196	102,372	49,461	3,157,400
Dec-35	22.360	955,312		114,226	121.3856	855,866		18,196	8,331		4,549	1,824,058	4,505	119,998	51,237	1,999,798
Jan-36	13.645	583,896		114,413	88.4313	624,885		18,236	5,560		3,036	1,217,377	3,206	171,942	23,453	1,415,978
Feb-36	13.892	595,474		114,599	89.3087	632,471		18,276	5,649		3,084	1,236,678	719	158,787	23,682	1,419,867
Mar-36	16.064	689,657		114,786	94.9998	674,249		18,316	6,274		3,425	1,373,605	2,330	157,717	24,752	1,558,404
Apr-36	18.390	790,811		114,973	101.6422	722,971		18,356	6,963		3,802	1,524,548	1,561	157,870	19,947	1,703,926
May-36	21.126	909,939		115,160	102.9616	733,954		18,396	7,562		4,129	1,655,583	4,638	246,070	27,115	1,933,406
Jun-36	34.819	1,502,189	Forecast	115,347	146.5152	1,046,697	Forecast	18,436	11,725	Forecast	6,402	2,567,012	5,731	234,383	28,787	2,835,913
Jul-36	54.044	2,335,361		115,534	186.3920	1,334,468		18,476	16,881		9,217	3,695,927	28,266	210,118	37,439	3,971,751
Aug-36	71.691	3,103,086		115,724	238.3781	1,710,476		18,518	22,142		12,089	4,847,794	14,266	63,594	41,929	4,967,583
Sep-36	77.446	3,357,702		115,915	248.0041	1,783,516		18,559	23,650		12,912	5,177,781	8,171	41,253	44,737	5,271,941
Oct-36	63.151	2,742,424		116,106	234.9040	1,693,066		18,600	20,403		11,140	4,467,033	16,482	68,409	48,254	4,600,178
Nov-36	40.744	1,772,296		116,297	175.4516	1,267,373		18,642	13,982		7,634	3,061,285	12,472	104,682	50,577	3,229,016
Dec-36	22.360	974,232		116,488	121.3856	878,770		18,683	8,524		4,654	1,866,180	4,607	122,707	52,393	2,045,886
Jan-37	13.645	595,463		116,679	88.4313	641,613		18,724	5,691		3,107	1,245,873	3,279	175,824	23,982	1,448,958
Feb-37	13.892	607,272		116,870	89.3087	649,408		18,766	5,781		3,156	1,265,617	735	162,373	24,217	1,452,942
Mar-37	16.064	703,323		117,061	94.9998	692,311		18,807	6,420		3,505	1,405,559	2,383	161,279	25,311	1,594,532
Apr-37	18.390	806,485		117,252	101.6422	742,345		18,848	7,125		3,890	1,559,844	1,597	161,436	20,397	1,743,274
May-37	21.126	927,976		117,443	102.9616	753,628		18,890	7,735		4,223	1,693,563	4,744	251,629	27,727	1,977,664
Jun-37	34.819	1,531,972		117,634	146.5152	1,074,764		18,931	11,991		6,547	2,625,274	5,861	239,679	29,438	2,900,252
Jul-37	54.044	2,381,671		117,825	186.3920	1,370,264		18,972	17,259		9,423	3,778,617	28,908	214,868	38,286	4,060,678
Aug-37	71.691	3,164,624		118,019	238.3781	1,756,373		19,015	22,637		12,359	4,955,993	14,590	65,032	42,877	5,078,492
Sep-37	77.446	3,424,295		118,214	248.0041	1,831,389		19,057	24,176		13,200	5,293,060	8,356	42,186	45,749	5,389,352
Oct-37	63.151	2,796,818		118,409	234.9040	1,738,526		19,100	20,863		11,391	4,567,597	16,857	69,957	49,347	4,703,757
Nov-37	40.744	1,807,450		118,604	175.4516	1,301,413		19,142	14,301		7,808	3,130,972	12,756	107,052	51,722	3,302,502
Dec-37	22.360	993,559		118,799	121.3856	902,380		19,185	8,721		4,762	1,909,422	4,712	125,486	53,580	2,093,199
Jan-38	13.645	607,276		118,994	88.4313	658,857		19,228	5,824		3,180	1,275,137	3,353	179,807	24,525	1,482,823
Feb-38	13.892	619,320		119,189	89.3087	666,868		19,270	5,916		3,230	1,295,335	752	166,052	24,766	1,486,904
Mar-38	16.064	717,278		119,384	94.9998	710,930		19,313	6,570		3,587	1,438,364	2,437	164,933	25,885	1,631,619
Apr-38	18.390	822,488		119,578	101.6422	762,315		19,355	7,290		3,980	1,596,073	1,633	165,095	20,860	1,783,661
May-38	21.126	946,392		119,773	102.9616	773,909		19,398	7,913		4,321	1,732,534	4,852	257,334	28,356	2,023,075
Jun-38	34.819	1,562,375		119,968	146.5152	1,103,695		19,440	12,264		6,696	2,685,030	5,994	245,114	30,105	2,966,244
Jul-38	54.044	2,428,940		120,163	186.3920	1,407,161		19,483	17,646		9,634	3,863,382	29,566	219,740	39,154	4,151,843
Aug-38	71.691	3,227,440		120,362	238.3781	1,803,685		19,527	23,143		12,636	5,066,903	14,922	66,507	43,850	5,192,183
Sep-38	77.446	3,492,272		120,561	248.0041	1,880,739		19,571	24,716		13,494	5,411,221	8,547	43,143	46,788	5,509,699
Oct-38	63.151	2,852,344		120,760	234.9040	1,785,390		19,615	21,334		11,648	4,670,716	17,241	71,545	50,467	4,809,968
Nov-38	40.744	1,843,338		120,959	175.4516	1,336,507		19,659	14,627		7,986	3,202,458	13,047	109,483	52,896	3,377,885
Dec-38	22.360	1,013,288		121,158	121.3856	926,723		19,702	8,924		4,872	1,953,807	4,819	128,336	54,797	2,141,759
Jan-39	13.645	619,336		121,357	88.4313	676,637		19,746	5,961		3,255	1,305,189	3,430	183,893	25,082	1,517,594
Feb-39	13.892	631,621		121,556	89.3087	684,870		19,790	6,056		3,306	1,325,853	769	169,825	25,329	1,521,776
Mar-39	16.064	731,525		121,755	94.9998	730,128		19,834	6,724		3,671	1,472,048	2,493	168,682	26,473	1,669,696

United Water Idaho
Monthy Forecast with Constant Real Prices

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	Residential				Commercial				Public		Predicted "Other" Water Use	Predicted System Water Sales	Predicted Hydrant Water Used	Predicted System Water Losses	Predicted Company Water Use	Predicted System Water Production
	Water Use Per Customer	Predicted Water Use	Annual Average Customers	Linear Interpolation Customers	Water Use Per Customer	Predicted Water Use	Annual Average Customers	Linear Interpolation Customers	Predicted Water Use	Annual Average Customers						
	(100 CCF)	(1,000 Gallons)			(100 CCF)	(1,000 Gallons)			(1,000 Gallons)		(1,000 Gallons)	(1,000 Gallons)	(1,000 Gallons)	(1,000 Gallons)	(1,000 Gallons)	(1,000 Gallons)
Apr-39	18.390	838,827		121,954	101.6422	782,908		19,878	7,460		4,073	1,633,268	1,671	168,848	21,334	1,825,121
May-39	21.126	965,193		122,153	102.9616	794,823		19,922	8,096		4,420	1,772,533	4,963	263,184	29,001	2,069,680
Jun-39	34.819	1,593,418		122,352	146.5152	1,133,532		19,966	12,544		6,849	2,746,343	6,131	250,688	30,790	3,033,951
Jul-39	54.044	2,477,205		122,551	186.3920	1,445,215		20,010	18,043		9,851	3,950,315	30,242	224,739	40,044	4,245,340
Aug-39	71.691	3,291,583		122,754	238.3781	1,852,481		20,055	23,663		12,919	5,180,646	15,263	68,020	44,847	5,308,777
Sep-39	77.446	3,561,692		122,958	248.0041	1,931,640		20,100	25,269		13,797	5,532,397	8,742	44,125	47,853	5,633,117
Oct-39	63.151	2,909,054		123,161	234.9040	1,833,730		20,146	21,817		11,912	4,776,512	17,635	73,174	51,616	4,918,937
Nov-39	40.744	1,879,993		123,364	175.4516	1,372,707		20,191	14,962		8,169	3,275,832	13,345	111,977	54,102	3,455,256
Dec-39	22.360	1,033,441		123,568	121.3856	951,833		20,236	9,132		4,986	1,999,393	4,930	131,261	56,045	2,191,629
Jan-40	13.645	631,656		123,771	88.4313	694,978		20,282	6,103		3,332	1,336,069	3,508	188,084	25,654	1,553,316
Feb-40	13.892	644,188		123,974	89.3087	703,442		20,327	6,199		3,385	1,357,213	786	173,697	25,906	1,557,603
Mar-40	16.064	746,082		124,178	94.9998	749,935		20,372	6,882		3,757	1,506,657	2,550	172,528	27,077	1,708,811
Apr-40	18.390	855,522		124,381	101.6422	804,155		20,418	7,635		4,168	1,671,480	1,709	172,699	21,821	1,867,709
May-40	21.126	984,407		124,585	102.9616	816,401		20,463	8,284		4,523	1,813,615	5,076	269,188	29,662	2,117,542
Jun-40	34.819	1,625,143		124,788	146.5152	1,164,318		20,508	12,832		7,006	2,809,298	6,272	256,408	31,493	3,103,470
Jul-40	54.044	2,526,536		124,991	186.3920	1,484,480		20,553	18,451		10,074	4,039,541	30,935	229,868	40,958	4,341,303
Aug-40	71.691	3,356,788		125,186	238.3781	1,902,826		20,600	24,194		13,210	5,297,018	15,613	69,574	45,871	5,428,076
Sep-40	77.446	3,631,875		125,380	248.0041	1,984,153		20,647	25,834		14,105	5,655,967	8,943	45,133	48,945	5,758,987
Oct-40	63.151	2,966,075	Forecast	125,575	234.9040	1,883,596	Forecast	20,694	22,308	Forecast	12,180	4,884,159	18,040	74,844	52,794	5,029,837
Nov-40	40.744	1,916,649		125,770	175.4516	1,410,048		20,740	15,303		8,355	3,350,355	13,651	114,531	55,335	3,533,872
Dec-40	22.360	1,053,484		125,964	121.3856	977,733		20,787	9,344		5,101	2,045,662	5,042	134,253	57,323	2,242,280
Jan-41	13.645	643,842		126,159	88.4313	713,894		20,834	6,246		3,410	1,367,392	3,588	192,369	26,239	1,589,588
Feb-41	13.892	656,549		126,353	89.3087	722,594		20,880	6,344		3,464	1,388,951	804	177,653	26,496	1,593,904
Mar-41	16.064	760,323		126,548	94.9998	770,359		20,927	7,041		3,844	1,541,568	2,608	176,456	27,693	1,748,325
Apr-41	18.390	871,764		126,743	101.6422	826,063		20,974	7,810		4,264	1,709,901	1,748	176,628	22,317	1,910,594
May-41	21.126	1,002,996		126,937	102.9616	838,649		21,021	8,472		4,625	1,854,742	5,192	275,307	30,337	2,165,578
Jun-41	34.819	1,655,667		127,132	146.5152	1,196,055		21,067	13,118		7,162	2,872,002	6,415	262,230	32,208	3,172,855
Jul-41	54.044	2,573,735		127,326	186.3920	1,524,957		21,114	18,854		10,294	4,127,840	31,640	235,077	41,887	4,436,443
Aug-41	71.691	3,419,501		127,525	238.3781	1,954,730		21,162	24,721		13,497	5,412,450	15,968	71,144	46,907	5,546,469
Sep-41	77.446	3,699,733		127,723	248.0041	2,038,296		21,210	26,395		14,411	5,778,835	9,145	46,147	50,045	5,884,173
Oct-41	63.151	3,021,497		127,921	234.9040	1,935,016		21,258	22,800		12,448	4,991,761	18,445	76,519	53,975	5,140,700
Nov-41	40.744	1,952,465		128,120	175.4516	1,448,555		21,307	15,645		8,542	3,425,206	13,957	117,086	56,570	3,612,819
Dec-41	22.360	1,073,172		128,318	121.3856	1,004,444		21,355	9,557		5,218	2,092,391	5,155	137,243	58,600	2,293,389
Jan-42	13.645	655,875		128,517	88.4313	733,405		21,403	6,391		3,489	1,399,160	3,669	196,651	26,823	1,626,302
Feb-42	13.892	668,820		128,715	89.3087	742,350		21,451	6,491		3,544	1,421,206	822	181,605	27,086	1,630,719
Mar-42	16.064	774,535		128,913	94.9998	791,429		21,499	7,203		3,933	1,577,100	2,666	180,381	28,309	1,788,457
Apr-42	18.390	888,061		129,112	101.6422	848,664		21,548	7,989		4,362	1,749,076	1,787	180,556	22,813	1,954,232
May-42	21.126	1,021,747		129,310	102.9616	861,603		21,596	8,663		4,730	1,896,744	5,308	281,429	31,011	2,214,493
Jun-42	34.819	1,686,622		129,509	146.5152	1,228,805		21,644	13,411		7,322	2,936,160	6,558	268,061	32,924	3,243,702
Jul-42	54.044	2,621,858		129,707	186.3920	1,566,728		21,692	19,267		10,520	4,218,373	32,347	240,304	42,818	4,533,842
Aug-42	71.691	3,483,444		129,909	238.3781	2,008,289		21,742	25,262		13,792	5,530,788	16,325	72,727	47,950	5,667,790
Sep-42	77.446	3,768,924		130,112	248.0041	2,094,161		21,792	26,970		14,725	5,904,780	9,349	47,174	51,159	6,012,463
Oct-42	63.151	3,078,009		130,314	234.9040	1,988,066		21,841	23,304		12,723	5,102,102	18,858	78,223	55,177	5,254,360
Nov-42	40.744	1,988,986		130,516	175.4516	1,488,280		21,891	15,995		8,733	3,501,995	14,270	119,694	57,830	3,693,789
Dec-42	22.360	1,093,248		130,719	121.3856	1,031,998		21,941	9,776		5,338	2,140,360	5,271	140,301	59,905	2,345,836
Jan-43	13.645	668,146		130,921	88.4313	753,530		21,990	6,540		3,571	1,431,786	3,751	201,033	27,420	1,663,990
Feb-43	13.892	681,335		131,123	89.3087	762,726		22,040	6,643		3,627	1,454,330	841	185,653	27,689	1,668,514
Mar-43	16.064	789,029		131,326	94.9998	813,159		22,090	7,370		4,024	1,613,581	2,726	184,402	28,940	1,829,650
Apr-43	18.390	904,681		131,528	101.6422	871,972		22,139	8,173		4,462	1,789,287	1,827	184,582	23,322	1,999,018
May-43	21.126	1,040,871		131,730	102.9616	885,273		22,189	8,860		4,838	1,939,842	5,427	287,706	31,703	2,264,677
Jun-43	34.819	1,718,193		131,933	146.5152	1,262,572		22,239	13,712		7,486	3,001,963	6,705	274,040	33,658	3,316,366

United Water Idaho: Monthly Water Demand Forecast, 2000 to 2050, with Constant Real Prices

	Residential				Commercial				Public		Predicted "Other" Water Use	Predicted System Water Sales	Predicted Hydrant Water Used	Predicted System Water Losses	Predicted Company Water Use	Predicted System Water Production
	Water Use Per Customer	Predicted Water Use	Annual Average Customers	Linear Interpolation Customers	Water Use Per Customer	Predicted Water Use	Annual Average Customers	Linear Interpolation Customers	Predicted Water Use	Annual Average Customers						
	(100 CCF)	(1,000 Gallons)			(100 CCF)	(1,000 Gallons)			(1,000 Gallons)		(1,000 Gallons)	(1,000 Gallons)	(1,000 Gallons)	(1,000 Gallons)	(1,000 Gallons)	(1,000 Gallons)
Jul-43	54.044	2,670,940		132,135	186.3920	1,609,793		22,289	19,691		10,751	4,311,176	33,073	245,666	43,773	4,633,688
Aug-43	71.691	3,548,664		132,342	238.3781	2,063,512		22,340	25,816		14,095	5,652,088	16,691	74,350	49,020	5,792,150
Sep-43	77.446	3,839,498		132,548	248.0041	2,151,767		22,391	27,560		15,047	6,033,872	9,559	48,227	52,301	6,143,960
Oct-43	63.151	3,135,653		132,754	234.9040	2,042,773		22,442	23,821		13,006	5,215,253	19,282	79,970	56,409	5,370,914
Nov-43	40.744	2,026,240		132,961	175.4516	1,529,250		22,494	16,355		8,930	3,580,774	14,590	122,369	59,122	3,776,855
Dec-43	22.360	1,113,727		133,167	121.3856	1,060,418		22,545	10,001		5,460	2,189,606	5,389	143,437	61,244	2,399,676
Jan-44	13.645	680,663		133,374	88.4313	774,288		22,596	6,693		3,654	1,465,298	3,835	205,528	28,033	1,702,695
Feb-44	13.892	694,101		133,580	89.3087	783,745		22,647	6,798		3,712	1,488,356	860	189,805	28,309	1,707,329
Mar-44	16.064	803,815		133,787	94.9998	835,576		22,699	7,541		4,117	1,651,049	2,787	188,527	29,587	1,871,951
Apr-44	18.390	921,636		133,993	101.6422	896,019		22,750	8,361		4,565	1,830,581	1,868	188,711	23,844	2,045,004
May-44	21.126	1,060,381		134,200	102.9616	909,696		22,801	9,062		4,948	1,984,087	5,549	294,143	32,412	2,316,192
Jun-44	34.819	1,750,403		134,406	146.5152	1,297,416		22,853	14,020		7,655	3,069,494	6,856	280,173	34,412	3,390,935
Jul-44	54.044	2,721,018		134,613	186.3920	1,654,235		22,904	20,126		10,988	4,406,367	33,817	251,166	44,753	4,736,103
Aug-44	71.691	3,615,487		134,834	238.3781	2,120,499		22,957	26,386		14,406	5,776,778	17,067	76,015	50,118	5,919,979
Sep-44	77.446	3,912,109		135,055	248.0041	2,211,211		23,010	28,167		15,379	6,166,866	9,775	49,308	53,474	6,279,422
Oct-44	63.151	3,195,207		135,276	234.9040	2,099,224		23,063	24,354		13,297	5,332,083	19,717	81,764	57,675	5,491,240
Nov-44	40.744	2,064,887		135,497	175.4516	1,571,524		23,115	16,727		9,133	3,662,271	14,920	125,119	60,451	3,862,760
Dec-44	22.360	1,135,059		135,718	121.3856	1,089,741		23,168	10,234		5,588	2,240,622	5,511	146,663	62,622	2,455,418
Jan-45	13.645	693,755		135,939	88.4313	795,706		23,221	6,852		3,741	1,500,054	3,922	210,155	28,665	1,742,795
Feb-45	13.892	707,507	Forecast	136,160	89.3087	805,432	Forecast	23,274	6,960		3,800	1,523,698	879	194,080	28,946	1,747,604
Mar-45	16.064	819,404		136,381	94.9998	858,704		23,327	7,719		4,215	1,690,041	2,851	192,776	30,254	1,915,922
Apr-45	18.390	939,583		136,602	101.6422	920,828		23,380	8,558		4,672	1,873,642	1,910	192,968	24,382	2,092,902
May-45	21.126	1,081,114		136,824	102.9616	934,891		23,433	9,274		5,063	2,030,343	5,675	300,785	33,144	2,369,947
Jun-45	34.819	1,784,766		137,045	146.5152	1,333,361		23,486	14,343		7,831	3,140,302	7,012	286,507	35,190	3,469,010
Jul-45	54.044	2,774,649		137,266	186.3920	1,700,081		23,539	20,584		11,238	4,506,552	34,587	256,855	45,767	4,843,761
Aug-45	71.691	3,686,758		137,492	238.3781	2,179,288		23,593	26,984		14,733	5,907,762	17,457	77,743	51,257	6,054,219
Sep-45	77.446	3,989,236		137,717	248.0041	2,272,535		23,648	28,804		15,726	6,306,302	9,999	50,433	54,694	6,421,428
Oct-45	63.151	3,258,209		137,943	234.9040	2,157,462		23,702	24,912		13,601	5,454,185	20,171	83,637	58,996	5,616,989
Nov-45	40.744	2,105,606		138,169	175.4516	1,615,137		23,757	17,115		9,345	3,747,203	15,264	127,992	61,839	3,952,299
Dec-45	22.360	1,157,445		138,395	121.3856	1,119,994		23,812	10,476		5,720	2,293,635	5,639	150,038	64,063	2,513,374
Jan-46	13.645	707,439		138,621	88.4313	817,803		23,866	7,016		3,831	1,536,090	4,013	214,995	29,325	1,784,422
Feb-46	13.892	721,464		138,846	89.3087	827,807		23,921	7,127		3,891	1,560,288	900	198,552	29,613	1,789,353
Mar-46	16.064	835,570		139,072	94.9998	882,567		23,975	7,903		4,315	1,730,355	2,917	197,220	30,952	1,961,444
Apr-46	18.390	958,123		139,298	101.6422	946,426		24,030	8,761		4,783	1,918,093	1,955	197,419	24,944	2,142,410
May-46	21.126	1,102,449		139,524	102.9616	960,888		24,084	9,491		5,182	2,078,011	5,807	307,725	33,909	2,425,452
Jun-46	34.819	1,819,991		139,749	146.5152	1,370,451		24,139	14,676		8,013	3,213,131	7,175	293,120	36,002	3,549,428
Jul-46	54.044	2,829,418		139,975	186.3920	1,747,386		24,194	21,053		11,495	4,609,352	35,390	262,787	46,824	4,954,353
Aug-46	71.691	3,759,537		140,206	238.3781	2,239,945		24,250	27,598		15,068	6,042,148	17,862	79,539	52,441	6,191,990
Sep-46	77.446	4,067,994		140,436	248.0041	2,335,807		24,306	29,457		16,083	6,449,341	10,231	51,599	55,958	6,567,128
Oct-46	63.151	3,322,539		140,667	234.9040	2,217,549		24,362	25,484		13,914	5,579,486	20,639	85,571	60,360	5,746,056
Nov-46	40.744	2,147,183		140,897	175.4516	1,660,132		24,419	17,514		9,562	3,834,391	15,619	130,953	63,269	4,044,232
Dec-46	22.360	1,180,302		141,128	121.3856	1,151,204		24,475	10,725		5,856	2,348,086	5,770	153,509	65,545	2,572,910
Jan-47	13.645	721,411		141,358	88.4313	840,600		24,531	7,185		3,923	1,573,119	4,106	219,970	30,003	1,827,198
Feb-47	13.892	735,713		141,589	89.3087	850,888		24,588	7,298		3,985	1,597,885	920	203,148	30,299	1,832,252
Mar-47	16.064	852,075		141,819	94.9998	907,182		24,644	8,093		4,418	1,771,768	2,984	201,786	31,668	2,008,206
Apr-47	18.390	977,050		142,050	101.6422	972,830		24,700	8,969		4,897	1,963,746	2,000	201,990	25,521	2,193,258
May-47	21.126	1,124,229		142,280	102.9616	987,704		24,757	9,715		5,304	2,126,952	5,942	314,852	34,694	2,482,440
Jun-47	34.819	1,855,950		142,511	146.5152	1,408,707		24,813	15,017		8,199	3,287,873	7,342	299,910	36,836	3,631,960
Jul-47	54.044	2,885,324		142,741	186.3920	1,796,179		24,869	21,535		11,758	4,714,796	36,214	268,875	47,909	5,067,793
Aug-47	71.691	3,833,829		142,976	238.3781	2,302,514		24,927	28,227		15,411	6,179,981	18,278	81,382	53,657	6,333,298
Sep-47	77.446	4,148,389		143,212	248.0041	2,401,076		24,985	30,128		16,449	6,596,041	10,469	52,795	57,255	6,716,560

United Water Idaho
Monthy Forecast with Constant Real Prices

United Water Idaho: Monthly Water Demand Forecast, 2000 to 2050, with Constant Real Prices

	Residential				Commercial				Public		Predicted "Other" Water Use	Predicted System Water Sales	Predicted Hydrant Water Used	Predicted System Water Losses	Predicted Company Water Use	Predicted System Water Production
	Water Use Per Customer	Predicted Water Use	Annual Average Customers	Linear Interpolation Customers	Water Use Per Customer	Predicted Water Use	Annual Average Customers	Linear Interpolation Customers	Predicted Water Use	Annual Average Customers						
	(100 CCF)	(1,000 Gallons)			(100 CCF)	(1,000 Gallons)			(1,000 Gallons)		(1,000 Gallons)	(1,000 Gallons)	(1,000 Gallons)	(1,000 Gallons)	(1,000 Gallons)	(1,000 Gallons)
Oct-47	63.151	3,388,209		143,447	234.9040	2,279,535		25,043	26,072		14,235	5,708,050	21,120	87,555	61,760	5,878,485
Nov-47	40.744	2,189,626		143,682	175.4516	1,706,553		25,102	17,922		9,785	3,923,887	15,983	133,991	64,737	4,138,598
Dec-47	22.360	1,203,635		143,918	121.3856	1,183,405		25,160	10,980		5,995	2,404,016	5,904	157,072	67,066	2,634,058
Jan-48	13.645	735,674		144,153	88.4313	864,121		25,218	7,359		4,018	1,611,171	4,202	225,076	30,700	1,871,149
Feb-48	13.892	750,261		144,388	89.3087	874,706		25,276	7,475		4,081	1,636,522	942	207,864	31,002	1,876,330
Mar-48	16.064	868,924		144,624	94.9998	932,584		25,334	8,287		4,524	1,814,320	3,054	206,471	32,404	2,056,249
Apr-48	18.390	996,373		144,859	101.6422	1,000,079		25,392	9,184		5,014	2,010,650	2,047	206,681	26,114	2,245,491
May-48	21.126	1,146,465		145,094	102.9616	1,015,379		25,450	9,944		5,429	2,177,218	6,081	322,165	35,500	2,540,964
Jun-48	34.819	1,892,661		145,329	146.5152	1,448,192		25,508	15,368		8,391	3,364,612	7,513	306,878	37,691	3,716,694
Jul-48	54.044	2,942,403		145,565	186.3920	1,846,541		25,566	22,029		12,027	4,823,001	37,059	275,123	49,022	5,184,206
Aug-48	71.691	3,909,677		145,805	238.3781	2,367,089		25,626	28,873		15,764	6,321,403	18,705	83,274	54,904	6,478,286
Sep-48	77.446	4,230,465		146,045	248.0041	2,468,433		25,686	30,815		16,824	6,746,537	10,714	54,023	58,586	6,869,860
Oct-48	63.151	3,455,249		146,285	234.9040	2,343,499		25,746	26,674		14,564	5,839,985	21,614	89,592	63,197	6,014,389
Nov-48	40.744	2,232,954		146,525	175.4516	1,754,451		25,806	18,342		10,014	4,015,761	16,357	137,109	66,244	4,235,472
Dec-48	22.360	1,227,453		146,766	121.3856	1,216,629		25,866	11,243		6,138	2,461,463	6,042	160,729	68,627	2,696,862
Jan-49	13.645	750,233		147,006	88.4313	888,387		25,926	7,538		4,115	1,650,272	4,300	230,317	31,415	1,916,305
Feb-49	13.892	765,109		147,246	89.3087	899,275		25,986	7,656		4,180	1,676,220	964	212,706	31,724	1,921,614
Mar-49	16.064	886,122		147,486	94.9998	958,786		26,046	8,487		4,633	1,858,028	3,126	211,281	33,159	2,105,593
Apr-49	18.390	1,016,095		147,726	101.6422	1,028,184		26,106	9,404		5,134	2,058,817	2,095	211,496	26,723	2,299,130
May-49	21.126	1,169,159		147,966	102.9616	1,043,921		26,166	10,180		5,558	2,228,818	6,223	329,673	36,327	2,601,042
Jun-49	34.819	1,930,129		148,206	146.5152	1,488,910		26,226	15,728		8,587	3,443,353	7,689	314,030	38,570	3,803,642
Jul-49	54.044	3,000,655	Forecast	148,447	186.3920	1,898,472	Forecast	26,285	22,536	Forecast	12,304	4,933,968	37,928	281,537	50,165	5,303,597
Aug-49	71.691	3,987,092		148,692	238.3781	2,433,686		26,347	29,536		16,126	6,466,440	19,144	85,215	56,184	6,626,983
Sep-49	77.446	4,314,247		148,937	248.0041	2,537,909		26,409	31,520		17,209	6,900,885	10,965	55,283	59,953	7,027,086
Oct-49	63.151	3,523,691		149,183	234.9040	2,409,484		26,471	27,293		14,901	5,975,369	22,121	91,683	64,672	6,153,844
Nov-49	40.744	2,277,192		149,428	175.4516	1,803,870		26,533	18,773		10,250	4,110,085	16,741	140,310	67,790	4,334,926
Dec-49	22.360	1,251,776		149,674	121.3856	1,250,912		26,595	11,512		6,285	2,520,485	6,184	164,482	70,230	2,761,381
Jan-50	13.645	765,101		149,919	88.4313	913,430		26,657	7,721		4,216	1,690,468	4,401	235,696	32,148	1,962,714
Feb-50	13.892	780,275		150,165	89.3087	924,635		26,719	7,843		4,282	1,717,034	987	217,674	32,465	1,968,160
Mar-50	16.064	903,690		150,410	94.9998	985,834		26,781	8,692		4,746	1,902,962	3,199	216,217	33,933	2,156,311
Apr-50	18.390	1,036,243		150,655	101.6422	1,057,201		26,842	9,630		5,258	2,108,332	2,144	216,438	27,347	2,354,261
May-50	21.126	1,192,346		150,901	102.9616	1,073,393		26,904	10,422		5,690	2,281,853	6,369	337,378	37,176	2,662,777
Jun-50	34.819	1,968,415		151,146	146.5152	1,530,961		26,966	16,097		8,789	3,524,262	7,870	321,371	39,472	3,892,975
Jul-50	54.044	3,060,187		151,392	186.3920	1,952,111		27,028	23,057		12,588	5,047,942	38,819	288,121	51,338	5,426,221
Aug-50	71.691	4,066,064		151,637	238.3781	2,502,284		27,090	30,214		16,496	6,615,059	19,594	87,209	57,499	6,779,361
Sep-50	77.446	4,399,560		151,883	248.0041	2,609,275		27,152	32,241		17,603	7,058,678	11,223	56,577	61,356	7,187,834
Oct-50	63.151	3,593,256		152,128	234.9040	2,477,079		27,214	27,924		15,246	6,113,505	22,641	93,828	66,185	6,296,158
Nov-50	40.744	2,322,075		152,374	175.4516	1,854,357		27,276	19,212		10,489	4,206,133	17,134	143,591	69,376	4,436,234
Dec-50	22.360	1,276,408		152,619	121.3856	1,285,840		27,337	11,786		6,435	2,580,469	6,329	168,326	71,871	2,826,997

United Water Idaho

Appendix A
to

Integrated Municipal Application Package ("IMAP")

Water Price Scenarios

Detailed Price Water Price Assumptions and Forecasts for the Years 2000 to 2050, for The Three Water Demand Forecast Cases Examined.

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Summarization of Water Price Assumptions for The Three Forecast Cases Examined

	Inflation Assumptions (from WEFA US Long-Term Forecast: 3rd quarter 2000)					United Water Marginal Prices Summer Rates - $ / 100 CCF							
	Consumer Price Index: CPI-U					Historical	Historical		Real	Real Yearly	Tiered Price Changes		
	Index (1982 - '84 Base Year)	Index (1999 = 100.0)	Annual Pct. Chg.	Monthly Rate of Annual Pct. Chg.	Compounded Monthly Rate from Yr-End '99	Nominal Marginal Cost of Water	Real Marginal Cost (99 $) of Water	Constant Real Marginal Prices 2000 - '2050	Price Increases at 1.3% /Yr. 2000 - '2050	Price Increases 1.3% /Yr. Until 2020 - Constant Thereafter	Water Price Change Assumptions	Nominal Marginal Cost of Water	Real * Marginal Cost of Water
Jan-84	101.9	61.2				0.5096	0.8332	0.8332				0.5096	0.8332
Feb-84	102.4	61.5				0.5096	0.8291	0.8291				0.5096	0.8291
Mar-84	102.6	61.6				0.5096	0.8275	0.8275				0.5096	0.8275
Apr-84	103.1	61.9				0.5096	0.8235	0.8235				0.5096	0.8235
May-84	103.4	62.1				0.5096	0.8211	0.8211				0.5096	0.8211
Jun-84	103.7	62.2				0.5096	0.8187	0.8187				0.5096	0.8187
Jul-84	104.1	62.5				0.5096	0.8156	0.8156				0.5096	0.8156
Aug-84	104.5	62.7				0.5096	0.8124	0.8124				0.5096	0.8124
Sep-84	105.0	63.0				0.5096	0.8086	0.8086				0.5096	0.8086
Oct-84	105.3	63.2				0.5096	0.8063	0.8063				0.5096	0.8063
Nov-84	105.3	63.2				0.5096	0.8063	0.8063				0.5096	0.8063
Dec-84	105.3	63.2				0.5096	0.8063	0.8063				0.5096	0.8063
Jan-85	105.5	63.3				0.5096	0.8047	0.8047				0.5096	0.8047
Feb-85	106.0	63.6				0.5096	0.8009	0.8009				0.5096	0.8009
Mar-85	106.4	63.9				0.5096	0.7979	0.7979				0.5096	0.7979
Apr-85	106.9	64.2				0.5096	0.7942	0.7942				0.5096	0.7942
May-85	107.3	64.4				0.5096	0.7912	0.7912				0.5096	0.7912
Jun-85	107.6	64.6				0.5096	0.7890	0.7890				0.5096	0.7890
Jul-85	107.8	64.7	3.5%			0.5096	0.7876	0.7876				0.5096	0.7876
Aug-85	108.0	64.8				0.5096	0.7861	0.7861				0.5096	0.7861
Sep-85	108.3	65.0				0.5096	0.7839	0.7839				0.5096	0.7839
Oct-85	108.7	65.2				0.5096	0.7810	0.7810				0.5096	0.7810
Nov-85	109.0	65.4				0.5096	0.7789	0.7789				0.5096	0.7789
Dec-85	109.3	65.6				0.5096	0.7768	0.7768				0.5096	0.7768
Jan-86	109.6	65.8				0.5096	0.7746	0.7746				0.5096	0.7746
Feb-86	109.3	65.6				0.5096	0.7768	0.7768				0.5096	0.7768
Mar-86	108.8	65.3				0.5096	0.7803	0.7803				0.5096	0.7803
Apr-86	108.6	65.2				0.5096	0.7818	0.7818				0.5096	0.7818
May-86	108.9	65.4				0.5096	0.7796	0.7796				0.5096	0.7796
Jun-86	109.5	65.7				0.5096	0.7753	0.7753				0.5096	0.7753
Jul-86	109.5	65.7	1.9%			0.5658	0.8608	0.8608				0.5658	0.8608
Aug-86	109.7	65.8				0.5658	0.8593	0.8593				0.5658	0.8593
Sep-86	110.2	66.1				0.5658	0.8554	0.8554				0.5658	0.8554
Oct-86	110.3	66.2				0.5658	0.8546	0.8546				0.5658	0.8546
Nov-86	110.4	66.3				0.5658	0.8538	0.8538				0.5658	0.8538
Dec-86	110.5	66.3				0.5658	0.8531	0.8531				0.5658	0.8531
Jan-87	111.2	66.7				0.5658	0.8477	0.8477				0.5658	0.8477
Feb-87	111.6	67.0				0.5658	0.8446	0.8446				0.5658	0.8446
Mar-87	112.1	67.3				0.5658	0.8409	0.8409				0.5658	0.8409
Apr-87	112.7	67.6				0.5658	0.8364	0.8364				0.5658	0.8364
May-87	113.1	67.9				0.5658	0.8334	0.8334				0.5658	0.8334
Jun-87	113.5	68.1				0.5658	0.8305	0.8305				0.5658	0.8305
Jul-87	113.8	68.3	3.7%			0.5658	0.8283	0.8283				0.5658	0.8283
Aug-87	114.4	68.7				0.5544	0.8074	0.8074				0.5544	0.8074
Sep-87	115.0	69.0				0.5430	0.7866	0.7866				0.5430	0.7866
Oct-87	115.3	69.2				0.5430	0.7846	0.7846				0.5430	0.7846
Nov-87	115.4	69.3				0.5430	0.7839	0.7839				0.5430	0.7839
Dec-87	115.4	69.3				0.5430	0.7839	0.7839				0.5430	0.7839

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Summarization of Water Price Assumptions for The Three Forecast Cases Examined

	Inflation Assumptions (from WEFA US Long-Term Forecast: 3rd quarter 2000)					United Water Marginal Prices Summer Rates - $ / 100 CCF							
	Consumer Price Index: CPI-U					Historical Nominal Marginal Cost of Water	Historical Real Marginal Cost (99 $) of Water	Constant Real Marginal Prices 2000 - '2050	Real Price Increases at 1.3% /Yr. 2000 - '2050	Real Yearly Price Increases 1.3% /Yr. Until 2020 - Constant Thereafter	Tiered Price Changes		
	Index (1982 - '84 Base Year)	Index (1999 = 100.0)	Annual Pct. Chg.	Monthly Rate of Annual Pct. Chg.	Compounded Monthly Rate from Yr-End '99						Water Price Change Assumptions	Nominal Marginal Cost of Water	Real * Marginal Cost of Water
Jan-88	115.7	69.4				0.5430	0.7819	0.7819				0.5430	0.7819
Feb-88	116.0	69.6				0.5430	0.7799	0.7799				0.5430	0.7799
Mar-88	116.5	69.9				0.5430	0.7765	0.7765				0.5430	0.7765
Apr-88	117.1	70.3				0.5430	0.7725	0.7725				0.5430	0.7725
May-88	117.5	70.5				0.5430	0.7699	0.7699				0.5430	0.7699
Jun-88	118.0	70.8				0.5430	0.7666	0.7666				0.5430	0.7666
Jul-88	118.5	71.1	4.1%			0.5430	0.7634	0.7634				0.5430	0.7634
Aug-88	119.0	71.4				0.5430	0.7602	0.7602				0.5430	0.7602
Sep-88	119.8	71.9				0.5430	0.7551	0.7551				0.5430	0.7551
Oct-88	120.2	72.1				0.5430	0.7526	0.7526				0.5430	0.7526
Nov-88	120.3	72.2				0.5430	0.7520	0.7520				0.5430	0.7520
Dec-88	120.5	72.3				0.5430	0.7507	0.7507				0.5430	0.7507
Jan-89	121.1	72.7				0.5430	0.7470	0.7470				0.5430	0.7470
Feb-89	121.6	73.0				0.5430	0.7439	0.7439				0.5430	0.7439
Mar-89	122.3	73.4				0.5430	0.7397	0.7397				0.5430	0.7397
Apr-89	123.1	73.9				0.5430	0.7349	0.7349				0.5430	0.7349
May-89	123.8	74.3				0.5430	0.7307	0.7307				0.5430	0.7307
Jun-89	124.1	74.5				0.5430	0.7290	0.7290				0.5430	0.7290
Jul-89	124.4	74.7	4.8%			0.5430	0.7272	0.7272				0.5430	0.7272
Aug-89	124.6	74.8				0.5430	0.7260	0.7260				0.5430	0.7260
Sep-89	125.0	75.0				0.5430	0.7237	0.7237				0.5430	0.7237
Oct-89	125.6	75.4				0.5430	0.7203	0.7203				0.5430	0.7203
Nov-89	125.9	75.6				0.5430	0.7185	0.7185				0.5430	0.7185
Dec-89	126.1	75.7				0.5430	0.7174	0.7174				0.5430	0.7174
Jan-90	127.4	76.5				0.5430	0.7101	0.7101				0.5430	0.7101
Feb-90	128.0	76.8				0.5430	0.7067	0.7067				0.5430	0.7067
Mar-90	128.7	77.3				0.5430	0.7029	0.7029				0.5430	0.7029
Apr-90	128.9	77.4				0.5430	0.7018	0.7018				0.5430	0.7018
May-90	129.2	77.6				0.5430	0.7002	0.7002				0.5430	0.7002
Jun-90	129.9	78.0				0.5430	0.6964	0.6964				0.5430	0.6964
Jul-90	130.4	78.3	5.4%			0.5430	0.6937	0.6937				0.5430	0.6937
Aug-90	131.6	79.0				0.5430	0.6874	0.6874				0.5430	0.6874
Sep-90	132.7	79.7				0.5430	0.6817	0.6817				0.5430	0.6817
Oct-90	133.5	80.1				0.5430	0.6776	0.6776				0.5430	0.6776
Nov-90	133.8	80.3				0.6380	0.7944	0.7944				0.6380	0.7944
Dec-90	133.8	80.3				0.6380	0.7944	0.7944				0.6380	0.7944
Jan-91	134.6	80.8				0.6380	0.7897	0.7897				0.6380	0.7897
Feb-91	134.8	80.9				0.6380	0.7885	0.7885				0.6380	0.7885
Mar-91	135.0	81.0				0.6380	0.7873	0.7873				0.6380	0.7873
Apr-91	135.2	81.2				0.6380	0.7862	0.7862				0.6380	0.7862
May-91	135.6	81.4				0.6380	0.7839	0.7839				0.6380	0.7839
Jun-91	136.0	81.6				0.6380	0.7816	0.7816				0.6380	0.7816
Jul-91	136.2	81.8	4.2%			0.6380	0.7804	0.7804				0.6380	0.7804
Aug-91	136.6	82.0				0.6380	0.7781	0.7781				0.6380	0.7781
Sep-91	137.2	82.4				0.6380	0.7747	0.7747				0.6380	0.7747
Oct-91	137.4	82.5				0.6380	0.7736	0.7736				0.6380	0.7736
Nov-91	137.8	82.7				0.6380	0.7713	0.7713				0.6380	0.7713
Dec-91	137.9	82.8				0.6380	0.7708	0.7708				0.6380	0.7708

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	Inflation Assumptions (from WEFA US Long-Term Forecast: 3rd quarter 2000)					United Water Marginal Prices Summer Rates - $ / 100 CCF							
	Consumer Price Index: CPI-U					Historical	Historical		Real	Real Yearly	Tiered Price Changes		
	Index (1982 - '84 Base Year)	Index (1999 = 100.0)	Annual Pct. Chg.	Monthly Rate of Annual Pct. Chg.	Compounded Monthly Rate from Yr-End '99	Nominal Marginal Cost of Water	Real Marginal Cost (99 $) of Water	Constant Real Marginal Prices 2000 - '2050	Price Increases at 1.3% /Yr. 2000 - '2050	Price Increases 1.3% /Yr. Until 2020 - Constant Thereafter	Water Price Change Assumptions	Nominal Marginal Cost of Water	Real * Marginal Cost of Water
Jan-92	138.1	82.9				0.6380	0.7697	0.7697				0.6380	0.7697
Feb-92	138.6	83.2				0.6380	0.7669	0.7669				0.6380	0.7669
Mar-92	139.3	83.6				0.6380	0.7630	0.7630				0.6380	0.7630
Apr-92	139.5	83.7				0.6380	0.7619	0.7619				0.6380	0.7619
May-92	139.7	83.9				0.6380	0.7609	0.7609				0.6380	0.7609
Jun-92	140.2	84.2				0.6380	0.7581	0.7581				0.6380	0.7581
Jul-92	140.5	84.3	3.1%			0.6380	0.7565	0.7565				0.6380	0.7565
Aug-92	140.9	84.6				0.6380	0.7544	0.7544				0.6380	0.7544
Sep-92	141.3	84.8				0.6380	0.7522	0.7522				0.6380	0.7522
Oct-92	141.8	85.1				0.6380	0.7496	0.7496				0.6380	0.7496
Nov-92	142.0	85.2				0.6380	0.7485	0.7485				0.6380	0.7485
Dec-92	142.4	85.5				0.6380	0.7464	0.7464				0.6380	0.7464
Jan-93	142.6	85.6				0.6380	0.7454	0.7454				0.6380	0.7454
Feb-93	143.1	85.9				0.6380	0.7428	0.7428				0.6380	0.7428
Mar-93	143.6	86.2				0.6380	0.7402	0.7402				0.6380	0.7402
Apr-93	144.0	86.4				0.6380	0.7381	0.7381				0.6380	0.7381
May-93	144.2	86.6				0.6380	0.7371	0.7371				0.6380	0.7371
Jun-93	144.4	86.7				0.6380	0.7361	0.7361				0.6380	0.7361
Jul-93	144.4	86.7	2.9%			0.6380	0.7361	0.7361				0.6380	0.7361
Aug-93	144.8	86.9				0.6878	0.7913	0.7913				0.6878	0.7913
Sep-93	145.1	87.1				0.8370	0.9610	0.9610				0.8370	0.9610
Oct-93	145.7	87.5				0.8370	0.9571	0.9571				0.8370	0.9571
Nov-93	145.8	87.5				0.8370	0.9564	0.9564				0.8370	0.9564
Dec-93	144.7	86.9				0.8370	0.9637	0.9637				0.8370	0.9637
Jan-94	146.2	87.8				0.8370	0.9538	0.9538				0.8370	0.9538
Feb-94	146.7	88.1				0.8370	0.9505	0.9505				0.8370	0.9505
Mar-94	147.2	88.4				0.8370	0.9473	0.9473				0.8370	0.9473
Apr-94	147.4	88.5				0.8370	0.9460	0.9460				0.8370	0.9460
May-94	147.5	88.5				0.8370	0.9454	0.9454				0.8370	0.9454
Jun-94	148.0	88.8				0.8370	0.9422	0.9422				0.8370	0.9422
Jul-94	148.4	89.1	2.7%			0.8805	0.9885	0.9885				0.8805	0.9885
Aug-94	149.0	89.4				1.0110	1.1304	1.1304				1.0110	1.1304
Sep-94	149.4	89.7				1.0110	1.1274	1.1274				1.0110	1.1274
Oct-94	149.5	89.7				0.8090	0.9015	0.9015				0.8090	0.9015
Nov-94	149.7	89.9				0.8090	0.9003	0.9003				0.8090	0.9003
Dec-94	149.7	89.9				0.8090	0.9003	0.9003				0.8090	0.9003
Jan-95	150.3	90.2				0.8090	0.8967	0.8967				0.8090	0.8967
Feb-95	150.9	90.6				0.8090	0.8932	0.8932				0.8090	0.8932
Mar-95	151.4	90.9				0.8090	0.8902	0.8902				0.8090	0.8902
Apr-95	151.9	91.2				0.8090	0.8873	0.8873				0.8090	0.8873
May-95	152.2	91.4				1.0110	1.1067	1.1067				1.0110	1.1067
Jun-95	152.5	91.5				1.0110	1.1045	1.1045				1.0110	1.1045
Jul-95	152.5	91.5	2.8%			1.0110	1.1045	1.1045				1.0110	1.1045
Aug-95	152.9	91.8				1.0110	1.1016	1.1016				1.0110	1.1016
Sep-95	153.2	92.0				1.0110	1.0994	1.0994				1.0110	1.0994
Oct-95	153.7	92.3				0.8090	0.8769	0.8769				0.8090	0.8769
Nov-95	153.6	92.2				0.8090	0.8775	0.8775				0.8090	0.8775
Dec-95	153.5	92.1				0.8090	0.8780	0.8780				0.8090	0.8780

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	Inflation Assumptions (from WEFA US Long-Term Forecast: 3rd quarter 2000)					United Water Marginal Prices								
	Consumer Price Index: CPI-U					Summer Rates - $ / 100 CCF					Tiered Price Changes			
	Index (1982 - '84 Base Year)	Index (1999 = 100.0)	Annual Pct. Chg.	Monthly Rate of Annual Pct. Chg.	Compounded Monthly Rate from Yr-End '99	Historical Nominal Marginal Cost of Water	Historical Real Marginal Cost (99 $) of Water	Constant Real Marginal Prices 2000 - '2050	Real Price Increases at 1.3% /Yr. 2000 - '2050	Real Yearly Price Increases 1.3% /Yr. Until 2020 - Constant Thereafter	Water Price Change Assumptions	Nominal Marginal Cost of Water	Real * Marginal Cost of Water
Jan-96	154.4	92.7				0.8090	0.8729	0.8729				0.8090	0.8729
Feb-96	154.9	93.0				0.8090	0.8701	0.8701				0.8090	0.8701
Mar-96	155.7	93.5				0.8090	0.8656	0.8656				0.8090	0.8656
Apr-96	156.3	93.8				0.8090	0.8623	0.8623				0.8090	0.8623
May-96	156.6	94.0				1.0110	1.0756	1.0756				1.0110	1.0756
Jun-96	156.7	94.1				1.0110	1.0749	1.0749				1.0110	1.0749
Jul-96	157.0	94.2	2.9%			1.0110	1.0728	1.0728				1.0110	1.0728
Aug-96	157.3	94.4				1.0110	1.0708	1.0708				1.0110	1.0708
Sep-96	157.8	94.7				1.0110	1.0674	1.0674				1.0110	1.0674
Oct-96	158.3	95.0				0.8090	0.8514	0.8514				0.8090	0.8514
Nov-96	158.6	95.2				0.8310	0.8729	0.8729				0.8310	0.8729
Dec-96	158.6	95.2				0.8383	0.8806	0.8806				0.8383	0.8806
Jan-97	159.1	95.5				0.8383	0.8778	0.8778				0.8383	0.8778
Feb-97	159.6	95.8				0.8383	0.8751	0.8751				0.8383	0.8751
Mar-97	160.0	96.0				0.8383	0.8729	0.8729				0.8383	0.8729
Apr-97	160.2	96.2				0.8383	0.8718	0.8718				0.8383	0.8718
May-97	160.1	96.1				1.0476	1.0901	1.0901				1.0476	1.0901
Jun-97	160.3	96.2				1.0476	1.0888	1.0888				1.0476	1.0888
Jul-97	160.5	96.3	2.3%			1.0476	1.0874	1.0874				1.0476	1.0874
Aug-97	160.8	96.5				1.0476	1.0854	1.0854				1.0476	1.0854
Sep-97	161.2	96.8				1.0476	1.0827	1.0827				1.0476	1.0827
Oct-97	161.6	97.0				0.8383	0.8642	0.8642				0.8383	0.8642
Nov-97	161.5	96.9				0.8383	0.8648	0.8648				0.8383	0.8648
Dec-97	161.3	96.8				0.8383	0.8658	0.8658				0.8383	0.8658
Jan-98	161.6	97.0				0.8383	0.8642	0.8642				0.8383	0.8642
Feb-98	161.9	97.2				0.8383	0.8626	0.8626				0.8383	0.8626
Mar-98	162.2	97.4				0.8383	0.8610	0.8610				0.8383	0.8610
Apr-98	162.5	97.5				0.8383	0.8595	0.8595				0.8383	0.8595
May-98	162.8	97.7				1.0476	1.0721	1.0721				1.0476	1.0721
Jun-98	163.0	97.8				1.0476	1.0707	1.0707				1.0476	1.0707
Jul-98	163.2	98.0	1.6%			1.1160	1.1393	1.1393				1.1160	1.1393
Aug-98	163.4	98.1				1.1388	1.1611	1.1611				1.1388	1.1611
Sep-98	163.6	98.2				1.1388	1.1597	1.1597				1.1388	1.1597
Oct-98	164.0	98.4				0.9113	0.9257	0.9257				0.9113	0.9257
Nov-98	164.0	98.4				0.9113	0.9257	0.9257				0.9113	0.9257
Dec-98	163.9	98.4				0.9113	0.9263	0.9263				0.9113	0.9263
Jan-99	164.3	98.6				0.9113	0.9113	0.9113				0.9113	0.9113
Feb-99	164.5	98.7				0.9113	0.9113	0.9113				0.9113	0.9113
Mar-99	165.0	99.0				0.9113	0.9113	0.9113				0.9113	0.9113
Apr-99	166.2	99.8				0.9113	0.9113	0.9113				0.9113	0.9113
May-99	166.2	99.8				1.1388	1.1388	1.1388				1.1388	1.1388
Jun-99	166.2	99.8				1.1388	1.1388	1.1388				1.1388	1.1388
Jul-99	166.7	100.1	2.2%			1.1388	1.1388	1.1388				1.1388	1.1388
Aug-99	167.1	100.3				1.1388	1.1388	1.1388				1.1388	1.1388
Sep-99	167.9	100.8				1.1388	1.1388	1.1388				1.1388	1.1388
Oct-99	168.2	101.0				0.9113	0.9113	0.9113				0.9113	0.9113
Nov-99	168.3	101.0				0.9113	0.9113	0.9113				0.9113	0.9113
Dec-99	168.3	101.0				0.9113	0.9113	0.9113				0.9113	0.9113

John Church
Idaho Economics

Summarization of Water Price Assumptions for The Three Forecast Cases Examined

	Inflation Assumptions (from WEFA US Long-Term Forecast: 3rd quarter 2000)					United Water Marginal Prices							
	Consumer Price Index: CPI-U					Summer Rates - $ / 100 CCF					Tiered Price Changes		
	Index (1982 - '84 Base Year)	Index (1999 = 100.0)	Annual Pct. Chg.	Monthly Rate of Annual Pct. Chg.	Compounded Monthly Rate from Yr-End '99	Historical Nominal Marginal Cost of Water	Historical Real Marginal Cost (99 $) of Water	Constant Real Marginal Prices 2000 - '2050	Real Price Increases at 1.3% /Yr. 2000 - '2050	Real Yearly Price Increases 1.3% /Yr. Until 2020 - Constant Thereafter	Water Price Change Assumptions	Nominal Marginal Cost of Water	Real * Marginal Cost of Water
Jan-00	168.7	101.3		1.00263	1.0026			0.9113	0.9231	0.9231		0.9113	0.9089
Feb-00	169.7	101.9		1.00263	1.0053			0.9113	0.9231	0.9231		0.9113	0.9065
Mar-00	171.1	102.7		1.00263	1.0079			0.9113	0.9231	0.9231		0.9113	0.9042
Apr-00	171.2	102.8		1.00263	1.0106			0.9113	0.9231	0.9231		0.9113	0.9018
May-00	171.3	102.8		1.00263	1.0132			1.1388	1.1536	1.1536		1.1388	1.1240
Jun-00	172.3	103.4		1.00263	1.0159			1.1388	1.1536	1.1536		1.1388	1.1210
Jul-00	172.0	103.3	3.2%	1.00263	1.0185			1.1388	1.1536	1.1536		1.1388	1.1181
Aug-00	172.4	103.5		1.00263	1.0212			1.1388	1.1536	1.1536		1.1388	1.1151
Sep-00	173.3	104.0		1.00263	1.0239			1.1388	1.1536	1.1536		1.1388	1.1122
Oct-00	173.6	104.2		1.00263	1.0266			0.9113	0.9231	0.9231		0.9113	0.8877
Nov-00	173.7	104.3		1.00263	1.0293			0.9113	0.9231	0.9231		0.9113	0.8854
Dec-00	173.7	104.3		1.00263	1.0320			0.9113	0.9231	0.9231		0.9113	0.8830
Jan-01	172.9	103.8		1.00206	1.0341			0.9113	0.9351	0.9351		0.9113	0.8812
Feb-01	173.9	104.4		1.00206	1.0363			0.9113	0.9351	0.9351		0.9113	0.8794
Mar-01	175.4	105.3		1.00206	1.0384			0.9113	0.9351	0.9351		0.9113	0.8776
Apr-01	175.5	105.3		1.00206	1.0405			0.9113	0.9351	0.9351		0.9113	0.8758
May-01	175.6	105.4		1.00206	1.0427			1.1388	1.1686	1.1686		1.1388	1.0922
Jun-01	176.6	106.0		1.00206	1.0448			1.1388	1.1686	1.1686		1.1388	1.0899
Jul-01	176.3	105.8	2.5%	1.00206	1.0470			1.1388	1.1686	1.1686		1.1388	1.0877
Aug-01	176.8	106.1		1.00206	1.0491			1.1388	1.1686	1.1686		1.1388	1.0855
Sep-01	177.6	106.6		1.00206	1.0513			1.1388	1.1686	1.1686		1.1388	1.0832
Oct-01	177.9	106.8		1.00206	1.0535			0.9113	0.9351	0.9351		0.9113	0.8651
Nov-01	178.0	106.9		1.00206	1.0556			0.9113	0.9351	0.9351		0.9113	0.8633
Dec-01	178.0	106.9		1.00206	1.0578			0.9113	0.9351	0.9351		0.9113	0.8615
Jan-02	177.2	106.4		1.00206	1.0600			0.9113	0.9473	0.9473		0.9113	0.8597
Feb-02	178.3	107.0		1.00206	1.0622			0.9113	0.9473	0.9473		0.9113	0.8580
Mar-02	179.8	107.9		1.00206	1.0644			0.9113	0.9473	0.9473		0.9113	0.8562
Apr-02	179.9	108.0		1.00206	1.0665			0.9113	0.9473	0.9473		0.9113	0.8544
May-02	180.0	108.0		1.00206	1.0687			1.1388	1.1838	1.1838		1.1388	1.0656
Jun-02	181.0	108.7		1.00206	1.0709			1.1388	1.1838	1.1838		1.1388	1.0634
Jul-02	180.7	108.5	2.5%	1.00206	1.0731			1.1388	1.1838	1.1838		1.1388	1.0612
Aug-02	181.2	108.7		1.00206	1.0754			1.1388	1.1838	1.1838		1.1388	1.0590
Sep-02	182.0	109.3		1.00206	1.0776			1.1388	1.1838	1.1838		1.1388	1.0568
Oct-02	182.4	109.5		1.00206	1.0798			0.9113	0.9473	0.9473		0.9113	0.8440
Nov-02	182.5	109.5		1.00206	1.0820			0.9113	0.9473	0.9473		0.9113	0.8422
Dec-02	182.5	109.5		1.00206	1.0842			0.9113	0.9473	0.9473		0.9113	0.8405
Jan-03	182.0	109.3		1.00222	1.0867			0.9113	0.9596	0.9596		0.9113	0.8386
Feb-03	183.1	109.9		1.00222	1.0891			0.9113	0.9596	0.9596		0.9113	0.8368
Mar-03	184.6	110.8		1.00222	1.0915			0.9113	0.9596	0.9596		0.9113	0.8349
Apr-03	184.7	110.9		1.00222	1.0939			0.9113	0.9596	0.9596		0.9113	0.8331
May-03	184.8	110.9		1.00222	1.0963			1.1388	1.1992	1.1992		1.1388	1.0387
Jun-03	185.9	111.6		1.00222	1.0988			1.1388	1.1992	1.1992		1.1388	1.0364
Jul-03	185.6	111.4	2.7%	1.00222	1.1012			1.1388	1.1992	1.1992		1.1388	1.0341
Aug-03	186.1	111.7		1.00222	1.1037			1.1388	1.1992	1.1992		1.1388	1.0318
Sep-03	187.0	112.2		1.00222	1.1061			1.1388	1.1992	1.1992		1.1388	1.0295
Oct-03	187.3	112.4		1.00222	1.1086			0.9113	0.9596	0.9596		0.9113	0.8220
Nov-03	187.4	112.5		1.00222	1.1111			0.9113	0.9596	0.9596		0.9113	0.8202
Dec-03	187.4	112.5		1.00222	1.1135			0.9113	0.9596	0.9596		0.9113	0.8184

John Church
Idaho Economics

Summarization of Water Price Assumptions for The Three Forecast Cases Examined

Inflation Assumptions
(from WEFA US Long-Term Forecast: 3rd quarter 2000)

Consumer Price Index: CPI-U

United Water Marginal Prices
Summer Rates - $ / 100 CCF

	Index (1982 - '84 Base Year)	Index (1999 = 100.0)	Annual Pct. Chg.	Monthly Rate of Annual Pct. Chg.	Compounded Monthly Rate from Yr-End '99	Historical Nominal Marginal Cost of Water	Historical Real Marginal Cost (99 $) of Water	Constant Real Marginal Prices 2000 - '2050	Real Price Increases at 1.3% /Yr. 2000 - '2050	Real Yearly Price Increases 1.3% /Yr. Until 2020 - Constant Thereafter
Jan-04	187.1	112.3		1.00230	1.1161			0.9113	0.9721	0.9721
Feb-04	188.2	113.0		1.00230	1.1187			0.9113	0.9721	0.9721
Mar-04	189.8	113.9		1.00230	1.1212			0.9113	0.9721	0.9721
Apr-04	189.9	114.0		1.00230	1.1238			0.9113	0.9721	0.9721
May-04	190.0	114.0		1.00230	1.1264			1.1388	1.2148	1.2148
Jun-04	191.1	114.7		1.00230	1.1290			1.1388	1.2148	1.2148
Jul-04	190.8	114.5	2.8%	1.00230	1.1316			1.1388	1.2148	1.2148
Aug-04	191.3	114.8		1.00230	1.1342			1.1388	1.2148	1.2148
Sep-04	192.2	115.4		1.00230	1.1368			1.1388	1.2148	1.2148
Oct-04	192.5	115.6		1.00230	1.1394			0.9113	0.9721	0.9721
Nov-04	192.7	115.6		1.00230	1.1421			0.9113	0.9721	0.9721
Dec-04	192.7	115.6		1.00230	1.1447			0.9113	0.9721	0.9721
Jan-05	192.2	115.4		1.00222	1.1472			0.9113	0.9847	0.9847
Feb-05	193.3	116.0		1.00222	1.1498			0.9113	0.9847	0.9847
Mar-05	194.9	117.0		1.00222	1.1523			0.9113	0.9847	0.9847
Apr-05	195.0	117.1		1.00222	1.1549			0.9113	0.9847	0.9847
May-05	195.1	117.1		1.00222	1.1575			1.1388	1.2306	1.2306
Jun-05	196.3	117.8		1.00222	1.1600			1.1388	1.2306	1.2306
Jul-05	196.0	117.6	2.7%	1.00222	1.1626			1.1388	1.2306	1.2306
Aug-05	196.4	117.9		1.00222	1.1652			1.1388	1.2306	1.2306
Sep-05	197.4	118.5		1.00222	1.1678			1.1388	1.2306	1.2306
Oct-05	197.7	118.7		1.00222	1.1704			0.9113	0.9847	0.9847
Nov-05	197.9	118.8		1.00222	1.1730			0.9113	0.9847	0.9847
Dec-05	197.9	118.8		1.00222	1.1756			0.9113	0.9847	0.9847
Jan-06	197.4	118.5		1.00222	1.1782			0.9113	0.9975	0.9975
Feb-06	198.5	119.2		1.00222	1.1808			0.9113	0.9975	0.9975
Mar-06	200.2	120.2		1.00222	1.1835			0.9113	0.9975	0.9975
Apr-06	200.3	120.2		1.00222	1.1861			0.9113	0.9975	0.9975
May-06	200.4	120.3		1.00222	1.1887			1.1388	1.2466	1.2466
Jun-06	201.6	121.0		1.00222	1.1914			1.1388	1.2466	1.2466
Jul-06	201.3	120.8	2.7%	1.00222	1.1940			1.1388	1.2466	1.2466
Aug-06	201.7	121.1		1.00222	1.1967			1.1388	1.2466	1.2466
Sep-06	202.7	121.7		1.00222	1.1993			1.1388	1.2466	1.2466
Oct-06	203.1	121.9		1.00222	1.2020			0.9113	0.9975	0.9975
Nov-06	203.2	122.0		1.00222	1.2047			0.9113	0.9975	0.9975
Dec-06	203.2	122.0		1.00222	1.2073			0.9113	0.9975	0.9975
Jan-07	202.5	121.5		1.00214	1.2099			0.9113	1.0105	1.0105
Feb-07	203.7	122.3		1.00214	1.2125			0.9113	1.0105	1.0105
Mar-07	205.4	123.3		1.00214	1.2151			0.9113	1.0105	1.0105
Apr-07	205.5	123.3		1.00214	1.2177			0.9113	1.0105	1.0105
May-07	205.6	123.4		1.00214	1.2203			1.1388	1.2628	1.2628
Jun-07	206.8	124.1		1.00214	1.2229			1.1388	1.2628	1.2628
Jul-07	206.5	123.9	2.6%	1.00214	1.2256			1.1388	1.2628	1.2628
Aug-07	207.0	124.2		1.00214	1.2282			1.1388	1.2628	1.2628
Sep-07	208.0	124.8		1.00214	1.2308			1.1388	1.2628	1.2628
Oct-07	208.4	125.1		1.00214	1.2334			0.9113	1.0105	1.0105
Nov-07	208.5	125.1		1.00214	1.2361			0.9113	1.0105	1.0105
Dec-07	208.5	125.1		1.00214	1.2387			0.9113	1.0105	1.0105

Tiered Price Changes

Water Price Change Assumptions	Nominal Marginal Cost of Water	Real * Marginal Cost of Water
	0.9113	0.8165
Rate	0.9113	0.8146
Case	0.9113	0.8128
Test	0.9113	0.8109
Period	1.1388	1.0110
	1.1388	1.0087
Avg.	1.1388	1.0064
Inflation	1.1388	1.0040
Since	1.1388	1.0017
Jan. '00	0.9113	0.7998
13.0%	0.9113	0.7979
	0.9113	0.7961
	0.9113	0.7943
	0.9113	0.7926
Rate	0.9113	0.7908
Increase	0.9113	0.7891
Effective	1.1388	0.9839
Aug. '05	1.1388	0.9817
28.0%	1.1388	0.9795
	1.4577	0.9773
(13% - Cost Increases & Additional Plant - 15%)	1.4577	0.9752
	1.1665	0.7786
	1.1665	0.7769
	1.1665	0.7752
	1.1665	0.7735
	1.1665	0.7717
	1.1665	0.7700
	1.1665	0.7683
	1.4577	0.9580
	1.4577	0.9559
	1.4577	0.9538
	1.4577	1.2181
	1.4577	1.2154
	1.1665	0.9704
	1.1665	0.9683
	1.1665	0.9661
	1.1665	0.9641
Rate	1.1665	0.9620
Case	1.1665	0.9600
Test	1.1665	0.9579
Period	1.4577	1.1945
	1.4577	1.1919
Avg.	1.4577	1.1894
Inflation	1.4577	1.1868
Since	1.4577	1.1843
Jan. '05	1.1665	0.9457
9.4%	1.1665	0.9437
	1.1665	0.9417

John Church
Idaho Economics

Summarization of Water Price Assumptions for The Three Forecast Cases Examined

Inflation Assumptions

(from WEFA US Long-Term Forecast: 3rd quarter 2000)

Consumer Price Index: CPI-U

	Index (1982 - '84 Base Year)	Index (1999 = 100.0)	Annual Pct. Chg.	Monthly Rate of Annual Pct. Chg.	Compounded Monthly Rate from Yr-End '99
Jan-08	207.8	124.7		1.00214	1.2414
Feb-08	209.0	125.4		1.00214	1.2440
Mar-08	210.7	126.5		1.00214	1.2467
Apr-08	210.8	126.6		1.00214	1.2494
May-08	211.0	126.6		1.00214	1.2521
Jun-08	212.2	127.4		1.00214	1.2547
Jul-08	211.9	127.2	2.6%	1.00214	1.2574
Aug-08	212.4	127.5		1.00214	1.2601
Sep-08	213.4	128.1		1.00214	1.2628
Oct-08	213.8	128.3		1.00214	1.2655
Nov-08	213.9	128.4		1.00214	1.2682
Dec-08	213.9	128.4		1.00214	1.2709
Jan-09	213.0	127.8		1.00206	1.2736
Feb-09	214.2	128.6		1.00206	1.2762
Mar-09	216.0	129.6		1.00206	1.2788
Apr-09	216.1	129.7		1.00206	1.2814
May-09	216.2	129.8		1.00206	1.2841
Jun-09	217.5	130.6		1.00206	1.2867
Jul-09	217.2	130.4	2.5%	1.00206	1.2894
Aug-09	217.7	130.7		1.00206	1.2920
Sep-09	218.7	131.3		1.00206	1.2947
Oct-09	219.1	131.5		1.00206	1.2974
Nov-09	219.2	131.6		1.00206	1.3000
Dec-09	219.2	131.6		1.00206	1.3027
Jan-10	218.3	131.0		1.00206	1.3054
Feb-10	219.6	131.8		1.00206	1.3081
Mar-10	221.4	132.9		1.00206	1.3108
Apr-10	221.5	133.0		1.00206	1.3135
May-10	221.6	133.0		1.00206	1.3162
Jun-10	222.9	133.8		1.00206	1.3189
Jul-10	222.6	133.6	2.5%	1.00206	1.3216
Aug-10	223.1	133.9		1.00206	1.3243
Sep-10	224.2	134.6		1.00206	1.3271
Oct-10	224.6	134.8		1.00206	1.3298
Nov-10	224.7	134.9		1.00206	1.3325
Dec-10	224.7	134.9		1.00206	1.3353
Jan-11	223.7	134.3		1.00206	1.3380
Feb-11	225.1	135.1		1.00206	1.3408
Mar-11	226.9	136.2		1.00206	1.3436
Apr-11	227.1	136.3		1.00206	1.3463
May-11	227.2	136.4		1.00206	1.3491
Jun-11	228.5	137.2		1.00206	1.3519
Jul-11	228.2	136.9	2.5%	1.00206	1.3547
Aug-11	228.7	137.3		1.00206	1.3574
Sep-11	229.8	137.9		1.00206	1.3602
Oct-11	230.2	138.2		1.00206	1.3630
Nov-11	230.3	138.3		1.00206	1.3659
Dec-11	230.3	138.3		1.00206	1.3687

United Water Marginal Prices

Summer Rates - $ / 100 CCF

	Historical Nominal Marginal Cost of Water	Historical Real Marginal Cost (99 $) of Water	Constant Real Marginal Prices 2000 - '2050	Real Price Increases at 1.3% /Yr. 2000 - '2050	Real Yearly Price Increases 1.3% /Yr. Until 2020 - Constant Thereafter
Jan-08			0.9113	1.0236	1.0236
Feb-08			0.9113	1.0236	1.0236
Mar-08			0.9113	1.0236	1.0236
Apr-08			0.9113	1.0236	1.0236
May-08			1.1388	1.2792	1.2792
Jun-08			1.1388	1.2792	1.2792
Jul-08			1.1388	1.2792	1.2792
Aug-08			1.1388	1.2792	1.2792
Sep-08			1.1388	1.2792	1.2792
Oct-08			0.9113	1.0236	1.0236
Nov-08			0.9113	1.0236	1.0236
Dec-08			0.9113	1.0236	1.0236
Jan-09			0.9113	1.0369	1.0369
Feb-09			0.9113	1.0369	1.0369
Mar-09			0.9113	1.0369	1.0369
Apr-09			0.9113	1.0369	1.0369
May-09			1.1388	1.2958	1.2958
Jun-09			1.1388	1.2958	1.2958
Jul-09			1.1388	1.2958	1.2958
Aug-09			1.1388	1.2958	1.2958
Sep-09			1.1388	1.2958	1.2958
Oct-09			0.9113	1.0369	1.0369
Nov-09			0.9113	1.0369	1.0369
Dec-09			0.9113	1.0369	1.0369
Jan-10			0.9113	1.0504	1.0504
Feb-10			0.9113	1.0504	1.0504
Mar-10			0.9113	1.0504	1.0504
Apr-10			0.9113	1.0504	1.0504
May-10			1.1388	1.3127	1.3127
Jun-10			1.1388	1.3127	1.3127
Jul-10			1.1388	1.3127	1.3127
Aug-10			1.1388	1.3127	1.3127
Sep-10			1.1388	1.3127	1.3127
Oct-10			0.9113	1.0504	1.0504
Nov-10			0.9113	1.0504	1.0504
Dec-10			0.9113	1.0504	1.0504
Jan-11			0.9113	1.0641	1.0641
Feb-11			0.9113	1.0641	1.0641
Mar-11			0.9113	1.0641	1.0641
Apr-11			0.9113	1.0641	1.0641
May-11			1.1388	1.3297	1.3297
Jun-11			1.1388	1.3297	1.3297
Jul-11			1.1388	1.3297	1.3297
Aug-11			1.1388	1.3297	1.3297
Sep-11			1.1388	1.3297	1.3297
Oct-11			0.9113	1.0641	1.0641
Nov-11			0.9113	1.0641	1.0641
Dec-11			0.9113	1.0641	1.0641

Tiered Price Changes

	Water Price Change Assumptions	Nominal Marginal Cost of Water	Real * Marginal Cost of Water
Jan-08		1.1665	0.9396
Feb-08		1.1665	0.9376
Mar-08		1.1665	0.9356
Apr-08		1.1665	0.9336
May-08		1.4577	1.1642
Jun-08		1.4577	1.1617
Jul-08		1.4577	1.1592
Aug-08		1.5947	1.1568
Sep-08		1.5947	1.1543
Oct-08		1.2761	0.9217
Nov-08		1.2761	0.9198
Dec-08		1.2761	0.9178
Jan-09		1.2761	0.9159
Feb-09		1.2761	0.9140
Mar-09		1.2761	0.9121
Apr-09		1.2761	0.9103
May-09		1.5947	1.1352
Jun-09		1.5947	1.1328
Jul-09		1.5947	1.1305
Aug-09		1.5947	1.2342
Sep-09		1.5947	1.2317
Oct-09		1.2761	0.9836
Nov-09		1.2761	0.9816
Dec-09		1.2761	0.9796
Jan-10	Rate Case Test Period Avg. Inflation Since Jan '08 12.9%	1.2761	0.9776
Feb-10		1.2761	0.9756
Mar-10		1.2761	0.9735
Apr-10		1.2761	0.9715
May-10		1.5947	1.2116
Jun-10		1.5947	1.2091
Jul-10		1.5947	1.2066
Aug-10		1.5947	1.2041
Sep-10		1.5947	1.2017
Oct-10		1.2761	0.9596
Nov-10		1.2761	0.9577
Dec-10		1.2761	0.9557
Jan-11	Rate Increase Effective Aug. '08 12.9% (12.9% - Cost Increases)	1.2761	0.9537
Feb-11		1.2761	0.9518
Mar-11		1.2761	0.9498
Apr-11		1.2761	0.9479
May-11		1.5947	1.1820
Jun-11		1.5947	1.1796
Jul-11		1.5947	1.1772
Aug-11		1.8004	1.1748
Sep-11		1.8004	1.1724
Oct-11		1.4407	0.9362
Nov-11		1.4407	0.9343
Dec-11		1.4407	0.9324

John Church
Idaho Economics

Summarization of Water Price Assumptions for The Three Forecast Cases Examined

Inflation Assumptions
(from WEFA US Long-Term Forecast: 3rd quarter 2000)

Consumer Price Index: CPI-U

	Index (1982 - '84 Base Year)	Index (1999 = 100.0)	Annual Pct. Chg.	Monthly Rate of Annual Pct. Chg.	Compounded Monthly Rate from Yr-End '99
Jan-12	229.3	137.7		1.00206	1.3715
Feb-12	230.7	138.5		1.00206	1.3743
Mar-12	232.6	139.6		1.00206	1.3771
Apr-12	232.7	139.7		1.00206	1.3800
May-12	232.9	139.8		1.00206	1.3828
Jun-12	234.2	140.6		1.00206	1.3857
Jul-12	233.9	140.4	2.5%	1.00206	1.3885
Aug-12	234.4	140.7		1.00206	1.3914
Sep-12	235.5	141.4		1.00206	1.3943
Oct-12	236.0	141.6		1.00206	1.3971
Nov-12	236.1	141.7		1.00206	1.4000
Dec-12	236.1	141.7		1.00206	1.4029
Jan-13	235.1	141.1		1.00206	1.4058
Feb-13	236.5	141.9		1.00206	1.4087
Mar-13	238.4	143.1		1.00206	1.4116
Apr-13	238.5	143.2		1.00206	1.4145
May-13	238.7	143.3		1.00206	1.4174
Jun-13	240.1	144.1		1.00206	1.4203
Jul-13	239.7	143.9	2.5%	1.00206	1.4232
Aug-13	240.3	144.2		1.00206	1.4262
Sep-13	241.4	144.9		1.00206	1.4291
Oct-13	241.9	145.2		1.00206	1.4321
Nov-13	242.0	145.3		1.00206	1.4350
Dec-13	242.0	145.3		1.00206	1.4380
Jan-14	240.9	144.6		1.00206	1.4409
Feb-14	242.4	145.5		1.00206	1.4439
Mar-14	244.4	146.7		1.00206	1.4469
Apr-14	244.5	146.8		1.00206	1.4498
May-14	244.7	146.8		1.00206	1.4528
Jun-14	246.1	147.7		1.00206	1.4558
Jul-14	245.7	147.5	2.5%	1.00206	1.4588
Aug-14	246.3	147.8		1.00206	1.4618
Sep-14	247.5	148.5		1.00206	1.4648
Oct-14	247.9	148.8		1.00206	1.4679
Nov-14	248.1	148.9		1.00206	1.4709
Dec-14	248.1	148.9		1.00206	1.4739
Jan-15	247.0	148.2		1.00206	1.4769
Feb-15	248.4	149.1		1.00206	1.4800
Mar-15	250.5	150.3		1.00206	1.4830
Apr-15	250.6	150.4		1.00206	1.4861
May-15	250.8	150.5		1.00206	1.4891
Jun-15	252.2	151.4		1.00206	1.4922
Jul-15	251.8	151.2	2.5%	1.00206	1.4953
Aug-15	252.4	151.5		1.00206	1.4984
Sep-15	253.7	152.3		1.00206	1.5015
Oct-15	254.1	152.5		1.00206	1.5045
Nov-15	254.3	152.6		1.00206	1.5076
Dec-15	254.3	152.6		1.00206	1.5108

United Water Marginal Prices
Summer Rates - $ / 100 CCF

	Historical Nominal Marginal Cost of Water	Historical Real Marginal Cost (99 $) of Water	Constant Real Marginal Prices 2000 - '2050	Real Price Increases at 1.3% /Yr. 2000 - '2050	Real Yearly Price Increases 1.3% /Yr. Until 2020 - Constant Thereafter
Jan-12			0.9113	1.0779	1.0779
Feb-12			0.9113	1.0779	1.0779
Mar-12			0.9113	1.0779	1.0779
Apr-12			0.9113	1.0779	1.0779
May-12			1.1388	1.3470	1.3470
Jun-12			1.1388	1.3470	1.3470
Jul-12			1.1388	1.3470	1.3470
Aug-12			1.1388	1.3470	1.3470
Sep-12			1.1388	1.3470	1.3470
Oct-12			0.9113	1.0779	1.0779
Nov-12			0.9113	1.0779	1.0779
Dec-12			0.9113	1.0779	1.0779
Jan-13			0.9113	1.0919	1.0919
Feb-13			0.9113	1.0919	1.0919
Mar-13			0.9113	1.0919	1.0919
Apr-13			0.9113	1.0919	1.0919
May-13			1.1388	1.3645	1.3645
Jun-13			1.1388	1.3645	1.3645
Jul-13			1.1388	1.3645	1.3645
Aug-13			1.1388	1.3645	1.3645
Sep-13			1.1388	1.3645	1.3645
Oct-13			0.9113	1.0919	1.0919
Nov-13			0.9113	1.0919	1.0919
Dec-13			0.9113	1.0919	1.0919
Jan-14			0.9113	1.1061	1.1061
Feb-14			0.9113	1.1061	1.1061
Mar-14			0.9113	1.1061	1.1061
Apr-14			0.9113	1.1061	1.1061
May-14			1.1388	1.3823	1.3823
Jun-14			1.1388	1.3823	1.3823
Jul-14			1.1388	1.3823	1.3823
Aug-14			1.1388	1.3823	1.3823
Sep-14			1.1388	1.3823	1.3823
Oct-14			0.9113	1.1061	1.1061
Nov-14			0.9113	1.1061	1.1061
Dec-14			0.9113	1.1061	1.1061
Jan-15			0.9113	1.1205	1.1205
Feb-15			0.9113	1.1205	1.1205
Mar-15			0.9113	1.1205	1.1205
Apr-15			0.9113	1.1205	1.1205
May-15			1.1388	1.4002	1.4002
Jun-15			1.1388	1.4002	1.4002
Jul-15			1.1388	1.4002	1.4002
Aug-15			1.1388	1.4002	1.4002
Sep-15			1.1388	1.4002	1.4002
Oct-15			0.9113	1.1205	1.1205
Nov-15			0.9113	1.1205	1.1205
Dec-15			0.9113	1.1205	1.1205

Tiered Price Changes

	Water Price Change Assumptions	Nominal Marginal Cost of Water	Real * Marginal Cost of Water
Jan-12		1.4407	0.9305
Feb-12		1.4407	0.9285
Mar-12		1.4407	0.9266
Apr-12		1.4407	0.9247
May-12		1.8004	1.1532
Jun-12		1.8004	1.1508
Jul-12		1.8004	1.1485
Aug-12		1.8004	1.2940
Sep-12		1.8004	1.2913
Oct-12		1.4407	1.0312
Nov-12		1.4407	1.0291
Dec-12		1.4407	1.0270
Jan-13	Rate Case Test Period Avg. Inflation Since Jan '11 10.4%	1.4407	1.0249
Feb-13		1.4407	1.0228
Mar-13		1.4407	1.0207
Apr-13		1.4407	1.0186
May-13		1.8004	1.2702
Jun-13		1.8004	1.2676
Jul-13		1.8004	1.2650
Aug-13		1.8004	1.2624
Sep-13		1.8004	1.2598
Oct-13		1.4407	1.0061
Nov-13		1.4407	1.0040
Dec-13		1.4407	1.0019
Jan-14	Rate Increase Effective Aug. '14 10.4% (12% Gas Increase)	1.4407	0.9999
Feb-14		1.4407	0.9978
Mar-14		1.4407	0.9958
Apr-14		1.4407	0.9937
May-14		1.8004	1.2392
Jun-14		1.8004	1.2367
Jul-14		1.8004	1.2341
Aug-14		1.9876	1.2316
Sep-14		1.9876	1.2291
Oct-14		1.5906	0.9815
Nov-14		1.5906	0.9795
Dec-14		1.5906	0.9775
Jan-15		1.5906	0.9755
Feb-15		1.5906	0.9735
Mar-15		1.5906	0.9715
Apr-15		1.5906	0.9695
May-15		1.9876	1.2090
Jun-15		1.9876	1.2065
Jul-15		1.9876	1.2040
Aug-15		1.9876	1.3265
Sep-15		1.9876	1.3238
Oct-15		1.5906	1.0572
Nov-15		1.5906	1.0550
Dec-15		1.5906	1.0528

John Church
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Summarization of Water Price Assumptions for The Three Forecast Cases Examined

	Inflation Assumptions (from WEFA US Long-Term Forecast: 3rd quarter 2000)					United Water Marginal Prices Summer Rates - $ / 100 CCF							
	Consumer Price Index: CPI-U					Historical Nominal Marginal Cost of Water	Historical Real Marginal Cost (99 $) of Water	Constant Real Marginal Prices 2000 - '2050	Real Price Increases at 1.3% /Yr. 2000 - '2050	Real Yearly Price Increases 1.3% /Yr. Until 2020 - Constant Thereafter	Tiered Price Changes		
	Index (1982 - '84 Base Year)	Index (1999 = 100.0)	Annual Pct. Chg.	Monthly Rate of Annual Pct. Chg.	Compounded Monthly Rate from Yr-End '99						Water Price Change Assumptions	Nominal Marginal Cost of Water	Real * Marginal Cost of Water
Jan-16	253.1	151.9		1.00206	1.5139			0.9113	1.1351	1.1351		1.5906	1.0507
Feb-16	254.6	152.8		1.00206	1.5170			0.9113	1.1351	1.1351	Rate	1.5906	1.0485
Mar-16	256.7	154.1		1.00206	1.5201			0.9113	1.1351	1.1351	Case	1.5906	1.0464
Apr-16	256.9	154.2		1.00206	1.5232			0.9113	1.1351	1.1351	Test	1.5906	1.0442
May-16	257.0	154.3		1.00206	1.5264			1.1388	1.4184	1.4184	Period	1.9876	1.3022
Jun-16	258.5	155.2		1.00206	1.5295			1.1388	1.4184	1.4184		1.9876	1.2995
Jul-16	258.1	154.9	2.5%	1.00206	1.5327			1.1388	1.4184	1.4184	Avg.	1.9876	1.2968
Aug-16	258.8	155.3		1.00206	1.5358			1.1388	1.4184	1.4184	Inflation	1.9876	1.2942
Sep-16	260.0	156.1		1.00206	1.5390			1.1388	1.4184	1.4184	Since	1.9876	1.2915
Oct-16	260.5	156.3		1.00206	1.5422			0.9113	1.1351	1.1351	Jan '14	1.5906	1.0314
Nov-16	260.6	156.4		1.00206	1.5453			0.9113	1.1351	1.1351	11.2%	1.5906	1.0293
Dec-16	260.6	156.4		1.00206	1.5485			0.9113	1.1351	1.1351		1.5906	1.0272
Jan-17	259.5	155.7		1.00206	1.5517			0.9113	1.1498	1.1498		1.5906	1.0250
Feb-17	261.0	156.7		1.00206	1.5549			0.9113	1.1498	1.1498		1.5906	1.0229
Mar-17	263.2	158.0		1.00206	1.5581			0.9113	1.1498	1.1498	Rate	1.5906	1.0208
Apr-17	263.3	158.0		1.00206	1.5613			0.9113	1.1498	1.1498	Increase	1.5906	1.0187
May-17	263.5	158.1		1.00206	1.5645			1.1388	1.4369	1.4369	Effective	1.9876	1.2704
Jun-17	265.0	159.1		1.00206	1.5678			1.1388	1.4369	1.4369	Aug '17	1.9876	1.2678
Jul-17	264.6	158.8	2.5%	1.00206	1.5710			1.1388	1.4369	1.4369	11.2%	1.9876	1.2652
Aug-17	265.2	159.2		1.00206	1.5742			1.1388	1.4369	1.4369		2.2103	1.2626
Sep-17	266.5	160.0		1.00206	1.5775			1.1388	1.4369	1.4369	(12.9% - Cost	2.2103	1.2600
Oct-17	267.0	160.2		1.00206	1.5807			0.9113	1.1498	1.1498	Increases)	1.7687	1.0062
Nov-17	267.1	160.3		1.00206	1.5840			0.9113	1.1498	1.1498		1.7687	1.0042
Dec-17	267.1	160.3		1.00206	1.5872			0.9113	1.1498	1.1498		1.7687	1.0021
Jan-18	266.0	159.6		1.00206	1.5905			0.9113	1.1648	1.1648		1.7687	1.0000
Feb-18	267.5	160.6		1.00206	1.5938			0.9113	1.1648	1.1648		1.7687	0.9980
Mar-18	269.7	161.9		1.00206	1.5971			0.9113	1.1648	1.1648		1.7687	0.9959
Apr-18	269.9	162.0		1.00206	1.6004			0.9113	1.1648	1.1648		1.7687	0.9939
May-18	270.0	162.1		1.00206	1.6037			1.1388	1.4555	1.4555		2.2103	1.2394
Jun-18	271.6	163.0		1.00206	1.6070			1.1388	1.4555	1.4555		2.2103	1.2369
Jul-18	271.2	162.8	2.5%	1.00206	1.6103			1.1388	1.4555	1.4555		2.2103	1.2344
Aug-18	271.9	163.2		1.00206	1.6136			1.1388	1.4555	1.4555		2.2103	1.3698
Sep-18	273.2	164.0		1.00206	1.6169			1.1388	1.4555	1.4555		2.2103	1.3670
Oct-18	273.6	164.3		1.00206	1.6202			0.9113	1.1648	1.1648		1.7687	1.0916
Nov-18	273.8	164.4		1.00206	1.6236			0.9113	1.1648	1.1648		1.7687	1.0894
Dec-18	273.8	164.4		1.00206	1.6269			0.9113	1.1648	1.1648		1.7687	1.0872
Jan-19	272.6	163.6		1.00206	1.6303			0.9113	1.1799	1.1799		1.7687	1.0849
Feb-19	274.2	164.6		1.00206	1.6336			0.9113	1.1799	1.1799	Rate	1.7687	1.0827
Mar-19	276.5	166.0		1.00206	1.6370			0.9113	1.1799	1.1799	Case	1.7687	1.0805
Apr-19	276.6	166.0		1.00206	1.6404			0.9113	1.1799	1.1799	Test	1.7687	1.0782
May-19	276.8	166.1		1.00206	1.6437			1.1388	1.4745	1.4745	Period	2.2103	1.3446
Jun-19	278.4	167.1		1.00206	1.6471			1.1388	1.4745	1.4745		2.2103	1.3419
Jul-19	278.0	166.9	2.5%	1.00206	1.6505			1.1388	1.4745	1.4745	Avg.	2.2103	1.3391
Aug-19	278.7	167.3		1.00206	1.6539			1.1388	1.4745	1.4745	Inflation	2.2103	1.3364
Sep-19	280.0	168.1		1.00206	1.6573			1.1388	1.4745	1.4745	Since	2.2103	1.3336
Oct-19	280.5	168.4		1.00206	1.6607			0.9113	1.1799	1.1799	Jan '17	1.7687	1.0650
Nov-19	280.7	168.5		1.00206	1.6642			0.9113	1.1799	1.1799	12.1%	1.7687	1.0628
Dec-19	280.7	168.5		1.00206	1.6676			0.9113	1.1799	1.1799		1.7687	1.0606

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Idaho Economics

Summarization of Water Price Assumptions for The Three Forecast Cases Examined

	Inflation Assumptions (from WEFA US Long-Term Forecast; 3rd quarter 2000) Consumer Price Index: CPI-U					United Water Marginal Prices Summer Rates - $ / 100 CCF								
	Index (1982 - '84 Base Year)	Index (1999 = 100.0)	Annual Pct. Chg.	Monthly Rate of Annual Pct. Chg.	Compounded Monthly Rate from Yr-End '99	Historical Nominal Marginal Cost of Water	Historical Real Marginal Cost (99 $) of Water	Constant Real Marginal Prices 2000 - '2050	Real Price Increases at 1.3% /Yr. 2000 - '2050	Real Yearly Price Increases 1.3% /Yr. Until 2020 - Constant Thereafter	Tiered Price Changes: Water Price Change Assumptions	Nominal Marginal Cost of Water	Real [A] Marginal Cost of Water
Jan-20	279.4	167.7		1.00206	1.6710			0.9113	1.1953	1.1953		1.7687	1.0585
Feb-20	281.1	168.7		1.00206	1.6745			0.9113	1.1953	1.1953		1.7687	1.0563
Mar-20	283.4	170.1		1.00206	1.6779			0.9113	1.1953	1.1953		1.7687	1.0541
Apr-20	283.6	170.2		1.00206	1.6814			0.9113	1.1953	1.1953		1.7687	1.0519
May-20	283.7	170.3		1.00206	1.6848			1.1388	1.4936	1.4936		2.2103	1.3119
Jun-20	285.4	171.3		1.00206	1.6883			1.1388	1.4936	1.4936		2.2103	1.3092
Jul-20	284.9	171.0	2.5%	1.00206	1.6918			1.1388	1.4936	1.4936		2.2103	1.3065
Aug-20	285.6	171.4		1.00206	1.6953			1.1388	1.4936	1.4936		2.4777	1.3038
Sep-20	287.0	172.3		1.00206	1.6988			1.1388	1.4936	1.4936		2.4777	1.3011
Oct-20	287.5	172.6		1.00206	1.7023			0.9113	1.1953	1.1953		1.9827	1.0390
Nov-20	287.7	172.7		1.00206	1.7058			0.9113	1.1953	1.1953		1.9827	1.0369
Dec-20	287.7	172.7		1.00206	1.7093			0.9113	1.1953	1.1953		1.9827	1.0348
Jan-21	286.4	171.9		1.00206	1.7128			0.9113	1.2108	1.1953		1.9827	1.0326
Feb-21	288.1	172.9		1.00206	1.7163			0.9113	1.2108	1.1953		1.9827	1.0305
Mar-21	290.5	174.4		1.00206	1.7199			0.9113	1.2108	1.1953		1.9827	1.0284
Apr-21	290.6	174.5		1.00206	1.7234			0.9113	1.2108	1.1953		1.9827	1.0263
May-21	290.8	174.6		1.00206	1.7270			1.1388	1.5131	1.4936		2.4777	1.2799
Jun-21	292.5	175.6		1.00206	1.7305			1.1388	1.5131	1.4936		2.4777	1.2772
Jul-21	292.1	175.3	2.5%	1.00206	1.7341			1.1388	1.5131	1.4936		2.4777	1.2746
Aug-21	292.8	175.7		1.00206	1.7376			1.1388	1.5131	1.4936		2.4777	1.3038
Sep-21	294.2	176.6		1.00206	1.7412			1.1388	1.5131	1.4936		2.4777	1.3011
Oct-21	294.7	176.9		1.00206	1.7448			0.9113	1.2108	1.1953		1.9827	1.0390
Nov-21	294.9	177.0		1.00206	1.7484			0.9113	1.2108	1.1953		1.9827	1.0369
Dec-21	294.9	177.0		1.00206	1.7520			0.9113	1.2108	1.1953		1.9827	1.0348
Jan-22	293.6	176.2		1.00206	1.7556			0.9113	1.2265	1.1953		1.9827	1.0326
Feb-22	295.3	177.3		1.00206	1.7592			0.9113	1.2265	1.1953		1.9827	1.0305
Mar-22	297.7	178.7		1.00206	1.7629			0.9113	1.2265	1.1953		1.9827	1.0284
Apr-22	297.9	178.8		1.00206	1.7665			0.9113	1.2265	1.1953		1.9827	1.0263
May-22	298.1	178.9		1.00206	1.7701			1.1388	1.5327	1.4936		2.4777	1.2799
Jun-22	299.8	180.0		1.00206	1.7738			1.1388	1.5327	1.4936		2.4777	1.2772
Jul-22	299.4	179.7	2.5%	1.00206	1.7774			1.1388	1.5327	1.4936		2.4777	1.2746
Aug-22	300.1	180.1		1.00206	1.7811			1.1388	1.5327	1.4936		2.4777	1.3038
Sep-22	301.5	181.0		1.00206	1.7848			1.1388	1.5327	1.4936		2.4777	1.3011
Oct-22	302.1	181.3		1.00206	1.7884			0.9113	1.2265	1.1953		1.9827	1.0390
Nov-22	302.2	181.4		1.00206	1.7921			0.9113	1.2265	1.1953		1.9827	1.0369
Dec-22	302.2	181.4		1.00206	1.7958			0.9113	1.2265	1.1953		1.9827	1.0348
Jan-23	300.9	180.6		1.00206	1.7995			0.9113	1.2425	1.1953		1.9827	1.0326
Feb-23	302.7	181.7		1.00206	1.8032			0.9113	1.2425	1.1953		1.9827	1.0305
Mar-23	305.2	183.2		1.00206	1.8069			0.9113	1.2425	1.1953		1.9827	1.0284
Apr-23	305.4	183.3		1.00206	1.8107			0.9113	1.2425	1.1953		1.9827	1.0263
May-23	305.5	183.4		1.00206	1.8144			1.1388	1.5527	1.4936		2.4777	1.2799
Jun-23	307.3	184.5		1.00206	1.8181			1.1388	1.5527	1.4936		2.4777	1.2772
Jul-23	306.8	184.2	2.5%	1.00206	1.8219			1.1388	1.5527	1.4936		2.4777	1.2746
Aug-23	307.6	184.6		1.00206	1.8256			1.1388	1.5527	1.4936		2.4777	1.3038
Sep-23	309.1	185.5		1.00206	1.8294			1.1388	1.5527	1.4936		2.4777	1.3011
Oct-23	309.6	185.8		1.00206	1.8331			0.9113	1.2425	1.1953		1.9827	1.0390
Nov-23	309.8	185.9		1.00206	1.8369			0.9113	1.2425	1.1953		1.9827	1.0369
Dec-23	309.8	185.9		1.00206	1.8407			0.9113	1.2425	1.1953		1.9827	1.0348

Rate Increase Effective Aug. 20 12.1% (12.9% - Cost Increases)

John Church
Idaho Economics

Summarization of Water Price Assumptions for The Three Forecast Cases Examined

	Inflation Assumptions (from WEFA US Long-Term Forecast: 3rd quarter 2000)					United Water Marginal Prices Summer Rates - $ / 100 CCF								
	Consumer Price Index: CPI-U					Historical	Historical				Tiered Price Changes		
	Index (1982 - '84 Base Year)	Index (1999 = 100.0)	Annual Pct. Chg.	Monthly Rate of Annual Pct. Chg.	Compounded Monthly Rate from Yr-End '99	Nominal Marginal Cost of Water	Real Marginal Cost (99 $) of Water	Constant Real Marginal Prices 2000 - '2050	Real Price Increases at 1.3% /Yr. 2000 - '2050	Real Yearly Price Increases 1.3% /Yr. Until 2020 - Constant Thereafter	Water Price Change Assumptions	Nominal Marginal Cost of Water	Real * Marginal Cost of Water
Jan-24	308.4	185.1		1.00206	1.8445			0.9113	1.2586	1.1953		1.9827	1.0326
Feb-24	310.2	186.2		1.00206	1.8483			0.9113	1.2586	1.1953		1.9827	1.0305
Mar-24	312.8	187.8		1.00206	1.8521			0.9113	1.2586	1.1953		1.9827	1.0284
Apr-24	313.0	187.9		1.00206	1.8559			0.9113	1.2586	1.1953		1.9827	1.0263
May-24	313.2	188.0		1.00206	1.8597			1.1388	1.5728	1.4936		2.4777	1.2799
Jun-24	315.0	189.1		1.00206	1.8636			1.1388	1.5728	1.4936		2.4777	1.2772
Jul-24	314.5	188.8	2.5%	1.00206	1.8674			1.1388	1.5728	1.4936		2.4777	1.2746
Aug-24	315.3	189.2		1.00206	1.8713			1.1388	1.5728	1.4936		2.4777	1.3038
Sep-24	316.8	190.1		1.00206	1.8751			1.1388	1.5728	1.4936		2.4777	1.3011
Oct-24	317.3	190.5		1.00206	1.8790			0.9113	1.2586	1.1953		1.9827	1.0390
Nov-24	317.5	190.6		1.00206	1.8828			0.9113	1.2586	1.1953		1.9827	1.0369
Dec-24	317.5	190.6		1.00206	1.8867			0.9113	1.2586	1.1953		1.9827	1.0348
Jan-25	316.1	189.8		1.00206	1.8906			0.9113	1.2750	1.1953		1.9827	1.0326
Feb-25	318.0	190.9		1.00206	1.8945			0.9113	1.2750	1.1953		1.9827	1.0305
Mar-25	320.6	192.5		1.00206	1.8984			0.9113	1.2750	1.1953		1.9827	1.0284
Apr-25	320.8	192.6		1.00206	1.9023			0.9113	1.2750	1.1953		1.9827	1.0263
May-25	321.0	192.7		1.00206	1.9062			1.1388	1.5933	1.4936		2.4777	1.2799
Jun-25	322.9	193.8		1.00206	1.9102			1.1388	1.5933	1.4936		2.4777	1.2772
Jul-25	322.4	193.5	2.5%	1.00206	1.9141			1.1388	1.5933	1.4936		2.4777	1.2746
Aug-25	323.2	194.0		1.00206	1.9180			1.1388	1.5933	1.4936		2.4777	1.3038
Sep-25	324.7	194.9		1.00206	1.9220			1.1388	1.5933	1.4936		2.4777	1.3011
Oct-25	325.3	195.2		1.00206	1.9259			0.9113	1.2750	1.1953		1.9827	1.0390
Nov-25	325.5	195.4		1.00206	1.9299			0.9113	1.2750	1.1953		1.9827	1.0369
Dec-25	325.5	195.4		1.00206	1.9339			0.9113	1.2750	1.1953		1.9827	1.0348
Jan-26	324.0	194.5		1.00206	1.9379			0.9113	1.2916	1.1953		1.9827	1.0326
Feb-26	326.0	195.7		1.00206	1.9419			0.9113	1.2916	1.1953		1.9827	1.0305
Mar-26	328.6	197.3		1.00206	1.9459			0.9113	1.2916	1.1953		1.9827	1.0284
Apr-26	328.8	197.4		1.00206	1.9499			0.9113	1.2916	1.1953		1.9827	1.0263
May-26	329.0	197.5		1.00206	1.9539			1.1388	1.6140	1.4936		2.4777	1.2799
Jun-26	330.9	198.6		1.00206	1.9579			1.1388	1.6140	1.4936		2.4777	1.2772
Jul-26	330.4	198.3	2.5%	1.00206	1.9619			1.1388	1.6140	1.4936		2.4777	1.2746
Aug-26	331.2	198.8		1.00206	1.9660			1.1388	1.6140	1.4936		2.4777	1.3038
Sep-26	332.8	199.8		1.00206	1.9700			1.1388	1.6140	1.4936		2.4777	1.3011
Oct-26	333.4	200.1		1.00206	1.9741			0.9113	1.2916	1.1953		1.9827	1.0390
Nov-26	333.6	200.2		1.00206	1.9782			0.9113	1.2916	1.1953		1.9827	1.0369
Dec-26	333.6	200.2		1.00206	1.9822			0.9113	1.2916	1.1953		1.9827	1.0348
Jan-27	332.1	199.4		1.00206	1.9863			0.9113	1.3084	1.1953		1.9827	1.0326
Feb-27	334.1	200.5		1.00206	1.9904			0.9113	1.3084	1.1953		1.9827	1.0305
Mar-27	336.9	202.2		1.00206	1.9945			0.9113	1.3084	1.1953		1.9827	1.0284
Apr-27	337.1	202.3		1.00206	1.9986			0.9113	1.3084	1.1953		1.9827	1.0263
May-27	337.3	202.4		1.00206	2.0027			1.1388	1.6350	1.4936		2.4777	1.2799
Jun-27	339.2	203.6		1.00206	2.0069			1.1388	1.6350	1.4936		2.4777	1.2772
Jul-27	338.7	203.3	2.5%	1.00206	2.0110			1.1388	1.6350	1.4936		2.4777	1.2746
Aug-27	339.5	203.8		1.00206	2.0151			1.1388	1.6350	1.4936		2.4777	1.3038
Sep-27	341.1	204.8		1.00206	2.0193			1.1388	1.6350	1.4936		2.4777	1.3011
Oct-27	341.7	205.1		1.00206	2.0235			0.9113	1.3084	1.1953		1.9827	1.0390
Nov-27	342.0	205.3		1.00206	2.0276			0.9113	1.3084	1.1953		1.9827	1.0369
Dec-27	342.0	205.3		1.00206	2.0318			0.9113	1.3084	1.1953		1.9827	1.0348

John Church
Idaho Economics

Summarization of Water Price Assumptions for The Three Forecast Cases Examined

	Inflation Assumptions (from WEFA US Long-Term Forecast: 3rd quarter 2000) Consumer Price Index: CPI-U					United Water Marginal Prices Summer Rates - $ / 100 CCF							
	Index (1982 - '84 Base Year)	Index (1999 = 100.0)	Annual Pct. Chg.	Monthly Rate of Annual Pct. Chg.	Compounded Monthly Rate from Yr-End '99	Historical Nominal Marginal Cost of Water	Historical Real Marginal Cost (99 $) of Water	Constant Real Marginal Prices 2000 - '2050	Real Price Increases at 1.3% /Yr. 2000 - '2050	Real Yearly Price Increases 1.3% /Yr. Until 2020 - Constant Thereafter	Tiered Price Changes: Water Price Change Assumptions	Nominal Marginal Cost of Water	Real * Marginal Cost of Water
Jan-28	340.4	204.3		1.00206	2.0360			0.9113	1.3254	1.1953		1.9827	1.0326
Feb-28	342.5	205.6		1.00206	2.0402			0.9113	1.3254	1.1953		1.9827	1.0305
Mar-28	345.3	207.3		1.00206	2.0444			0.9113	1.3254	1.1953		1.9827	1.0284
Apr-28	345.5	207.4		1.00206	2.0486			0.9113	1.3254	1.1953		1.9827	1.0263
May-28	345.7	207.5		1.00206	2.0528			1.1388	1.6562	1.4936		2.4777	1.2799
Jun-28	347.7	208.7		1.00206	2.0570			1.1388	1.6562	1.4936		2.4777	1.2772
Jul-28	347.2	208.4	2.5%	1.00206	2.0613			1.1388	1.6562	1.4936		2.4777	1.2746
Aug-28	348.0	208.9		1.00206	2.0655			1.1388	1.6562	1.4936		2.4777	1.3038
Sep-28	349.7	209.9		1.00206	2.0698			1.1388	1.6562	1.4936		2.4777	1.3011
Oct-28	350.3	210.3		1.00206	2.0740			0.9113	1.3254	1.1953		1.9827	1.0390
Nov-28	350.5	210.4		1.00206	2.0783			0.9113	1.3254	1.1953		1.9827	1.0369
Dec-28	350.5	210.4		1.00206	2.0826			0.9113	1.3254	1.1953		1.9827	1.0348
Jan-29	348.9	209.5		1.00206	2.0869			0.9113	1.3426	1.1953		1.9827	1.0326
Feb-29	351.0	210.7		1.00206	2.0912			0.9113	1.3426	1.1953		1.9827	1.0305
Mar-29	353.9	212.4		1.00206	2.0955			0.9113	1.3426	1.1953		1.9827	1.0284
Apr-29	354.1	212.6		1.00206	2.0998			0.9113	1.3426	1.1953		1.9827	1.0263
May-29	354.3	212.7		1.00206	2.1041			1.1388	1.6778	1.4936		2.4777	1.2799
Jun-29	356.4	213.9		1.00206	2.1085			1.1388	1.6778	1.4936		2.4777	1.2772
Jul-29	355.8	213.6	2.5%	1.00206	2.1128			1.1388	1.6778	1.4936		2.4777	1.2746
Aug-29	356.7	214.1		1.00206	2.1172			1.1388	1.6778	1.4936		2.4777	1.3038
Sep-29	358.4	215.1		1.00206	2.1215			1.1388	1.6778	1.4936		2.4777	1.3011
Oct-29	359.0	215.5		1.00206	2.1259			0.9113	1.3426	1.1953		1.9827	1.0390
Nov-29	359.3	215.6		1.00206	2.1303			0.9113	1.3426	1.1953		1.9827	1.0369
Dec-29	359.3	215.6		1.00206	2.1347			0.9113	1.3426	1.1953		1.9827	1.0348
Jan-30	357.7	214.7		1.00206	2.1391			0.9113	1.3600	1.1953		1.9827	1.0326
Feb-30	359.8	216.0		1.00206	2.1435			0.9113	1.3600	1.1953		1.9827	1.0305
Mar-30	362.8	217.7		1.00206	2.1479			0.9113	1.3600	1.1953		1.9827	1.0284
Apr-30	363.0	217.9		1.00206	2.1523			0.9113	1.3600	1.1953		1.9827	1.0263
May-30	363.2	218.0		1.00206	2.1567			1.1388	1.6996	1.4936		2.4777	1.2799
Jun-30	365.3	219.3		1.00206	2.1612			1.1388	1.6996	1.4936		2.4777	1.2772
Jul-30	364.7	218.9	2.5%	1.00206	2.1656			1.1388	1.6996	1.4936		2.4777	1.2746
Aug-30	365.6	219.5		1.00206	2.1701			1.1388	1.6996	1.4936		2.4777	1.3038
Sep-30	367.4	220.5		1.00206	2.1746			1.1388	1.6996	1.4936		2.4777	1.3011
Oct-30	368.0	220.9		1.00206	2.1790			0.9113	1.3600	1.1953		1.9827	1.0390
Nov-30	368.2	221.0		1.00206	2.1835			0.9113	1.3600	1.1953		1.9827	1.0369
Dec-30	368.2	221.0		1.00206	2.1880			0.9113	1.3600	1.1953		1.9827	1.0348
Jan-31	366.6	220.1		1.00206	2.1925			0.9113	1.3777	1.1953		1.9827	1.0326
Feb-31	368.8	221.4		1.00206	2.1970			0.9113	1.3777	1.1953		1.9827	1.0305
Mar-31	371.8	223.2		1.00206	2.2016			0.9113	1.3777	1.1953		1.9827	1.0284
Apr-31	372.0	223.3		1.00206	2.2061			0.9113	1.3777	1.1953		1.9827	1.0263
May-31	372.3	223.4		1.00206	2.2106			1.1388	1.7217	1.4936		2.4777	1.2799
Jun-31	374.4	224.8		1.00206	2.2152			1.1388	1.7217	1.4936		2.4777	1.2772
Jul-31	373.9	224.4	2.5%	1.00206	2.2198			1.1388	1.7217	1.4936		2.4777	1.2746
Aug-31	374.8	224.9		1.00206	2.2243			1.1388	1.7217	1.4936		2.4777	1.3038
Sep-31	376.6	226.0		1.00206	2.2289			1.1388	1.7217	1.4936		2.4777	1.3011
Oct-31	377.2	226.4		1.00206	2.2335			0.9113	1.3777	1.1953		1.9827	1.0390
Nov-31	377.5	226.6		1.00206	2.2381			0.9113	1.3777	1.1953		1.9827	1.0369
Dec-31	377.5	226.6		1.00206	2.2427			0.9113	1.3777	1.1953		1.9827	1.0348

Summarization of Water Price Assumptions for The Three Forecast Cases Examined

	Inflation Assumptions (from WEFA US Long-Term Forecast: 3rd quarter 2000)					United Water Marginal Prices								
	Consumer Price Index: CPI-U					Summer Rates - $ / 100 CCF						Tiered Price Changes		
	Index (1982 - '84 Base Year)	Index (1999 = 100.0)	Annual Pct. Chg.	Monthly Rate of Annual Pct. Chg.	Compounded Monthly Rate from Yr-End '99	Historical Nominal Marginal Cost of Water	Historical Real Marginal Cost (99 $) of Water	Constant Real Marginal Prices 2000 - '2050	Real Price Increases at 1.3% /Yr. 2000 - '2050	Real Yearly Price Increases 1.3% /Yr. Until 2020 - Constant Thereafter	Water Price Change Assumptions	Nominal Marginal Cost of Water	Real * Marginal Cost of Water
Jan-32	375.8	225.6		1.00206	2.2473			0.9113	1.3956	1.1953		1.9827	1.0326
Feb-32	378.0	226.9		1.00206	2.2520			0.9113	1.3956	1.1953		1.9827	1.0305
Mar-32	381.1	228.8		1.00206	2.2566			0.9113	1.3956	1.1953		1.9827	1.0284
Apr-32	381.3	228.9		1.00206	2.2613			0.9113	1.3956	1.1953		1.9827	1.0263
May-32	381.6	229.0		1.00206	2.2659			1.1388	1.7441	1.4936		2.4777	1.2799
Jun-32	383.8	230.4		1.00206	2.2706			1.1388	1.7441	1.4936		2.4777	1.2772
Jul-32	383.2	230.0	2.5%	1.00206	2.2753			1.1388	1.7441	1.4936		2.4777	1.2746
Aug-32	384.1	230.6		1.00206	2.2799			1.1388	1.7441	1.4936		2.4777	1.3038
Sep-32	386.0	231.7		1.00206	2.2846			1.1388	1.7441	1.4936		2.4777	1.3011
Oct-32	386.7	232.1		1.00206	2.2893			0.9113	1.3956	1.1953		1.9827	1.0390
Nov-32	386.9	232.2		1.00206	2.2941			0.9113	1.3956	1.1953		1.9827	1.0369
Dec-32	386.9	232.2		1.00206	2.2988			0.9113	1.3956	1.1953		1.9827	1.0348
Jan-33	385.2	231.2		1.00206	2.3035			0.9113	1.4138	1.1953		1.9827	1.0326
Feb-33	387.5	232.6		1.00206	2.3083			0.9113	1.4138	1.1953		1.9827	1.0305
Mar-33	390.7	234.5		1.00206	2.3130			0.9113	1.4138	1.1953		1.9827	1.0284
Apr-33	390.9	234.6		1.00206	2.3178			0.9113	1.4138	1.1953		1.9827	1.0263
May-33	391.1	234.8		1.00206	2.3226			1.1388	1.7667	1.4936		2.4777	1.2799
Jun-33	393.4	236.1		1.00206	2.3273			1.1388	1.7667	1.4936		2.4777	1.2772
Jul-33	392.8	235.8	2.5%	1.00206	2.3321			1.1388	1.7667	1.4936		2.4777	1.2746
Aug-33	393.7	236.3		1.00206	2.3369			1.1388	1.7667	1.4936		2.4777	1.3038
Sep-33	395.6	237.5		1.00206	2.3418			1.1388	1.7667	1.4936		2.4777	1.3011
Oct-33	396.3	237.9		1.00206	2.3466			0.9113	1.4138	1.1953		1.9827	1.0390
Nov-33	396.6	238.0		1.00206	2.3514			0.9113	1.4138	1.1953		1.9827	1.0369
Dec-33	396.6	238.0		1.00206	2.3563			0.9113	1.4138	1.1953		1.9827	1.0348
Jan-34	394.8	237.0		1.00206	2.3611			0.9113	1.4322	1.1953		1.9827	1.0326
Feb-34	397.1	238.4		1.00206	2.3660			0.9113	1.4322	1.1953		1.9827	1.0305
Mar-34	400.4	240.3		1.00206	2.3709			0.9113	1.4322	1.1953		1.9827	1.0284
Apr-34	400.7	240.5		1.00206	2.3757			0.9113	1.4322	1.1953		1.9827	1.0263
May-34	400.9	240.6		1.00206	2.3806			1.1388	1.7897	1.4936		2.4777	1.2799
Jun-34	403.2	242.0		1.00206	2.3855			1.1388	1.7897	1.4936		2.4777	1.2772
Jul-34	402.6	241.7	2.5%	1.00206	2.3904			1.1388	1.7897	1.4936		2.4777	1.2746
Aug-34	403.6	242.2		1.00206	2.3954			1.1388	1.7897	1.4936		2.4777	1.3038
Sep-34	405.5	243.4		1.00206	2.4003			1.1388	1.7897	1.4936		2.4777	1.3011
Oct-34	406.2	243.8		1.00206	2.4052			0.9113	1.4322	1.1953		1.9827	1.0390
Nov-34	406.5	244.0		1.00206	2.4102			0.9113	1.4322	1.1953		1.9827	1.0369
Dec-34	406.5	244.0		1.00206	2.4152			0.9113	1.4322	1.1953		1.9827	1.0348
Jan-35	404.7	242.9		1.00206	2.4201			0.9113	1.4508	1.1953		1.9827	1.0326
Feb-35	407.1	244.3		1.00206	2.4251			0.9113	1.4508	1.1953		1.9827	1.0305
Mar-35	410.4	246.4		1.00206	2.4301			0.9113	1.4508	1.1953		1.9827	1.0284
Apr-35	410.7	246.5		1.00206	2.4351			0.9113	1.4508	1.1953		1.9827	1.0263
May-35	410.9	246.6		1.00206	2.4401			1.1388	1.8130	1.4936		2.4777	1.2799
Jun-35	413.3	248.1		1.00206	2.4452			1.1388	1.8130	1.4936		2.4777	1.2772
Jul-35	412.7	247.7	2.5%	1.00206	2.4502			1.1388	1.8130	1.4936		2.4777	1.2746
Aug-35	413.7	248.3		1.00206	2.4553			1.1388	1.8130	1.4936		2.4777	1.3038
Sep-35	415.6	249.5		1.00206	2.4603			1.1388	1.8130	1.4936		2.4777	1.3011
Oct-35	416.4	249.9		1.00206	2.4654			0.9113	1.4508	1.1953		1.9827	1.0390
Nov-35	416.6	250.1		1.00206	2.4705			0.9113	1.4508	1.1953		1.9827	1.0369
Dec-35	416.6	250.1		1.00206	2.4755			0.9113	1.4508	1.1953		1.9827	1.0348

John Church
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Summarization of Water Price Assumptions for The Three Forecast Cases Examined

	Inflation Assumptions (from WEFA US Long-Term Forecast: 3rd quarter 2000)					United Water Marginal Prices							
	Consumer Price Index: CPI-U					Summer Rates - $ / 100 CCF						Tiered Price Changes	
	Index (1982 - '84 Base Year)	Index (1999 = 100.0)	Annual Pct. Chg.	Monthly Rate of Annual Pct. Chg.	Compounded Monthly Rate from Yr-End '99	Historical Nominal Marginal Cost of Water	Historical Real Marginal Cost (99 $) of Water	Constant Real Marginal Prices 2000 - '2050	Real Price Increases at 1.3% /Yr. 2000 - '2050	Real Yearly Price Increases 1.3% /Yr. Until 2020 - Constant Thereafter	Water Price Change Assumptions	Nominal Marginal Cost of Water	Real * Marginal Cost of Water
Jan-36	414.8	249.0		1.00206	2.4806			0.9113	1.4696	1.1953		1.9827	1.0326
Feb-36	417.3	250.5		1.00206	2.4858			0.9113	1.4696	1.1953		1.9827	1.0305
Mar-36	420.7	252.5		1.00206	2.4909			0.9113	1.4696	1.1953		1.9827	1.0284
Apr-36	420.9	252.7		1.00206	2.4960			0.9113	1.4696	1.1953		1.9827	1.0263
May-36	421.2	252.8		1.00206	2.5011			1.1388	1.8365	1.4936		2.4777	1.2799
Jun-36	423.6	254.3		1.00206	2.5063			1.1388	1.8365	1.4936		2.4777	1.2772
Jul-36	423.0	253.9	2.5%	1.00206	2.5115			1.1388	1.8365	1.4936		2.4777	1.2746
Aug-36	424.0	254.5		1.00206	2.5166			1.1388	1.8365	1.4936		2.4777	1.3038
Sep-36	426.0	255.7		1.00206	2.5218			1.1388	1.8365	1.4936		2.4777	1.3011
Oct-36	426.8	256.2		1.00206	2.5270			0.9113	1.4696	1.1953		1.9827	1.0390
Nov-36	427.1	256.3		1.00206	2.5322			0.9113	1.4696	1.1953		1.9827	1.0369
Dec-36	427.1	256.3		1.00206	2.5374			0.9113	1.4696	1.1953		1.9827	1.0348
Jan-37	425.2	255.2		1.00206	2.5427			0.9113	1.4887	1.1953		1.9827	1.0326
Feb-37	427.7	256.7		1.00206	2.5479			0.9113	1.4887	1.1953		1.9827	1.0305
Mar-37	431.2	258.8		1.00206	2.5531			0.9113	1.4887	1.1953		1.9827	1.0284
Apr-37	431.5	259.0		1.00206	2.5584			0.9113	1.4887	1.1953		1.9827	1.0263
May-37	431.7	259.1		1.00206	2.5637			1.1388	1.8604	1.4936		2.4777	1.2799
Jun-37	434.2	260.6		1.00206	2.5690			1.1388	1.8604	1.4936		2.4777	1.2772
Jul-37	433.6	260.2	2.5%	1.00206	2.5742			1.1388	1.8604	1.4936		2.4777	1.2746
Aug-37	434.6	260.9		1.00206	2.5796			1.1388	1.8604	1.4936		2.4777	1.3038
Sep-37	436.7	262.1		1.00206	2.5849			1.1388	1.8604	1.4936		2.4777	1.3011
Oct-37	437.5	262.6		1.00206	2.5902			0.9113	1.4887	1.1953		1.9827	1.0390
Nov-37	437.7	262.7		1.00206	2.5955			0.9113	1.4887	1.1953		1.9827	1.0369
Dec-37	437.7	262.7		1.00206	2.6009			0.9113	1.4887	1.1953		1.9827	1.0348
Jan-38	435.8	261.6		1.00206	2.6062			0.9113	1.5081	1.1953		1.9827	1.0326
Feb-38	438.4	263.1		1.00206	2.6116			0.9113	1.5081	1.1953		1.9827	1.0305
Mar-38	442.0	265.3		1.00206	2.6170			0.9113	1.5081	1.1953		1.9827	1.0284
Apr-38	442.2	265.5		1.00206	2.6224			0.9113	1.5081	1.1953		1.9827	1.0263
May-38	442.5	265.6		1.00206	2.6278			1.1388	1.8846	1.4936		2.4777	1.2799
Jun-38	445.1	267.2		1.00206	2.6332			1.1388	1.8846	1.4936		2.4777	1.2772
Jul-38	444.4	266.7	2.5%	1.00206	2.6386			1.1388	1.8846	1.4936		2.4777	1.2746
Aug-38	445.5	267.4		1.00206	2.6440			1.1388	1.8846	1.4936		2.4777	1.3038
Sep-38	447.6	268.7		1.00206	2.6495			1.1388	1.8846	1.4936		2.4777	1.3011
Oct-38	448.4	269.1		1.00206	2.6549			0.9113	1.5081	1.1953		1.9827	1.0390
Nov-38	448.7	269.3		1.00206	2.6604			0.9113	1.5081	1.1953		1.9827	1.0369
Dec-38	448.7	269.3		1.00206	2.6659			0.9113	1.5081	1.1953		1.9827	1.0348
Jan-39	446.7	268.1		1.00206	2.6714			0.9113	1.5277	1.1953		1.9827	1.0326
Feb-39	449.3	269.7		1.00206	2.6769			0.9113	1.5277	1.1953		1.9827	1.0305
Mar-39	453.0	271.9		1.00206	2.6824			0.9113	1.5277	1.1953		1.9827	1.0284
Apr-39	453.3	272.1		1.00206	2.6879			0.9113	1.5277	1.1953		1.9827	1.0263
May-39	453.6	272.3		1.00206	2.6935			1.1388	1.9091	1.4936		2.4777	1.2799
Jun-39	456.2	273.8		1.00206	2.6990			1.1388	1.9091	1.4936		2.4777	1.2772
Jul-39	455.5	273.4	2.5%	1.00206	2.7046			1.1388	1.9091	1.4936		2.4777	1.2746
Aug-39	456.6	274.1		1.00206	2.7101			1.1388	1.9091	1.4936		2.4777	1.3038
Sep-39	458.8	275.4		1.00206	2.7157			1.1388	1.9091	1.4936		2.4777	1.3011
Oct-39	459.6	275.9		1.00206	2.7213			0.9113	1.5277	1.1953		1.9827	1.0390
Nov-39	459.9	276.0		1.00206	2.7269			0.9113	1.5277	1.1953		1.9827	1.0369
Dec-39	459.9	276.0		1.00206	2.7325			0.9113	1.5277	1.1953		1.9827	1.0348

John Church
Idaho Economics

Summarization of Water Price Assumptions for The Three Forecast Cases Examined

	Inflation Assumptions (from WEFA US Long-Term Forecast: 3rd quarter 2000) Consumer Price Index: CPI-U					United Water Marginal Prices Summer Rates - $ / 100 CCF							
	Index (1982 - '84 Base Year)	Index (1999 = 100.0)	Annual Pct. Chg.	Monthly Rate of Annual Pct. Chg.	Compounded Monthly Rate from Yr-End '99	Historical Nominal Marginal Cost of Water	Historical Real Marginal Cost (99 $) of Water	Constant Real Marginal Prices 2000 - '2050	Real Price Increases at 1.3% /Yr. 2000 - '2050	Real Yearly Price Increases 1.3% /Yr. Until 2020 - Constant Thereafter	Tiered Price Changes Water Price Change Assumptions	Nominal Marginal Cost of Water	Real * Marginal Cost of Water
Jan-40	457.9	274.8		1.00206	2.7382			0.9113	1.5476	1.1953		1.9827	1.0326
Feb-40	460.6	276.5		1.00206	2.7438			0.9113	1.5476	1.1953		1.9827	1.0305
Mar-40	464.4	278.7		1.00206	2.7495			0.9113	1.5476	1.1953		1.9827	1.0284
Apr-40	464.6	278.9		1.00206	2.7551			0.9113	1.5476	1.1953		1.9827	1.0263
May-40	464.9	279.1		1.00206	2.7608			1.1388	1.9339	1.4936		2.4777	1.2799
Jun-40	467.6	280.7		1.00206	2.7665			1.1388	1.9339	1.4936		2.4777	1.2772
Jul-40	466.9	280.3	2.5%	1.00206	2.7722			1.1388	1.9339	1.4936		2.4777	1.2746
Aug-40	468.0	280.9		1.00206	2.7779			1.1388	1.9339	1.4936		2.4777	1.3038
Sep-40	470.3	282.3		1.00206	2.7836			1.1388	1.9339	1.4936		2.4777	1.3011
Oct-40	471.1	282.8		1.00206	2.7893			0.9113	1.5476	1.1953		1.9827	1.0390
Nov-40	471.4	282.9		1.00206	2.7951			0.9113	1.5476	1.1953		1.9827	1.0369
Dec-40	471.4	282.9		1.00206	2.8009			0.9113	1.5476	1.1953		1.9827	1.0348
Jan-41	469.3	281.7		1.00206	2.8066			0.9113	1.5677	1.1953		1.9827	1.0326
Feb-41	472.1	283.4		1.00206	2.8124			0.9113	1.5677	1.1953		1.9827	1.0305
Mar-41	476.0	285.7		1.00206	2.8182			0.9113	1.5677	1.1953		1.9827	1.0284
Apr-41	476.3	285.9		1.00206	2.8240			0.9113	1.5677	1.1953		1.9827	1.0263
May-41	476.5	286.0		1.00206	2.8298			1.1388	1.9590	1.4936		2.4777	1.2799
Jun-41	479.3	287.7		1.00206	2.8356			1.1388	1.9590	1.4936		2.4777	1.2772
Jul-41	478.6	287.3	2.5%	1.00206	2.8415			1.1388	1.9590	1.4936		2.4777	1.2746
Aug-41	479.7	287.9		1.00206	2.8473			1.1388	1.9590	1.4936		2.4777	1.3038
Sep-41	482.0	289.3		1.00206	2.8532			1.1388	1.9590	1.4936		2.4777	1.3011
Oct-41	482.9	289.8		1.00206	2.8591			0.9113	1.5677	1.1953		1.9827	1.0390
Nov-41	483.2	290.0		1.00206	2.8650			0.9113	1.5677	1.1953		1.9827	1.0369
Dec-41	483.2	290.0		1.00206	2.8709			0.9113	1.5677	1.1953		1.9827	1.0348
Jan-42	481.0	288.7		1.00206	2.8768			0.9113	1.5881	1.1953		1.9827	1.0326
Feb-42	483.9	290.4		1.00206	2.8827			0.9113	1.5881	1.1953		1.9827	1.0305
Mar-42	487.9	292.8		1.00206	2.8887			0.9113	1.5881	1.1953		1.9827	1.0284
Apr-42	488.2	293.0		1.00206	2.8946			0.9113	1.5881	1.1953		1.9827	1.0263
May-42	488.4	293.2		1.00206	2.9006			1.1388	1.9845	1.4936		2.4777	1.2799
Jun-42	491.3	294.9		1.00206	2.9065			1.1388	1.9845	1.4936		2.4777	1.2772
Jul-42	490.5	294.4	2.5%	1.00206	2.9125			1.1388	1.9845	1.4936		2.4777	1.2746
Aug-42	491.7	295.1		1.00206	2.9185			1.1388	1.9845	1.4936		2.4777	1.3038
Sep-42	494.1	296.6		1.00206	2.9245			1.1388	1.9845	1.4936		2.4777	1.3011
Oct-42	495.0	297.1		1.00206	2.9306			0.9113	1.5881	1.1953		1.9827	1.0390
Nov-42	495.2	297.3		1.00206	2.9366			0.9113	1.5881	1.1953		1.9827	1.0369
Dec-42	495.2	297.3		1.00206	2.9426			0.9113	1.5881	1.1953		1.9827	1.0348
Jan-43	493.1	296.0		1.00206	2.9487			0.9113	1.6087	1.1953		1.9827	1.0326
Feb-43	496.0	297.7		1.00206	2.9548			0.9113	1.6087	1.1953		1.9827	1.0305
Mar-43	500.1	300.2		1.00206	2.9609			0.9113	1.6087	1.1953		1.9827	1.0284
Apr-43	500.4	300.3		1.00206	2.9670			0.9113	1.6087	1.1953		1.9827	1.0263
May-43	500.7	300.5		1.00206	2.9731			1.1388	2.0103	1.4936		2.4777	1.2799
Jun-43	503.6	302.3		1.00206	2.9792			1.1388	2.0103	1.4936		2.4777	1.2772
Jul-43	502.8	301.8	2.5%	1.00206	2.9853			1.1388	2.0103	1.4936		2.4777	1.2746
Aug-43	504.0	302.5		1.00206	2.9915			1.1388	2.0103	1.4936		2.4777	1.3038
Sep-43	506.4	304.0		1.00206	2.9976			1.1388	2.0103	1.4936		2.4777	1.3011
Oct-43	507.3	304.5		1.00206	3.0038			0.9113	1.6087	1.1953		1.9827	1.0390
Nov-43	507.6	304.7		1.00206	3.0100			0.9113	1.6087	1.1953		1.9827	1.0369
Dec-43	507.6	304.7		1.00206	3.0162			0.9113	1.6087	1.1953		1.9827	1.0348

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Summarization of Water Price Assumptions for The Three Forecast Cases Examined

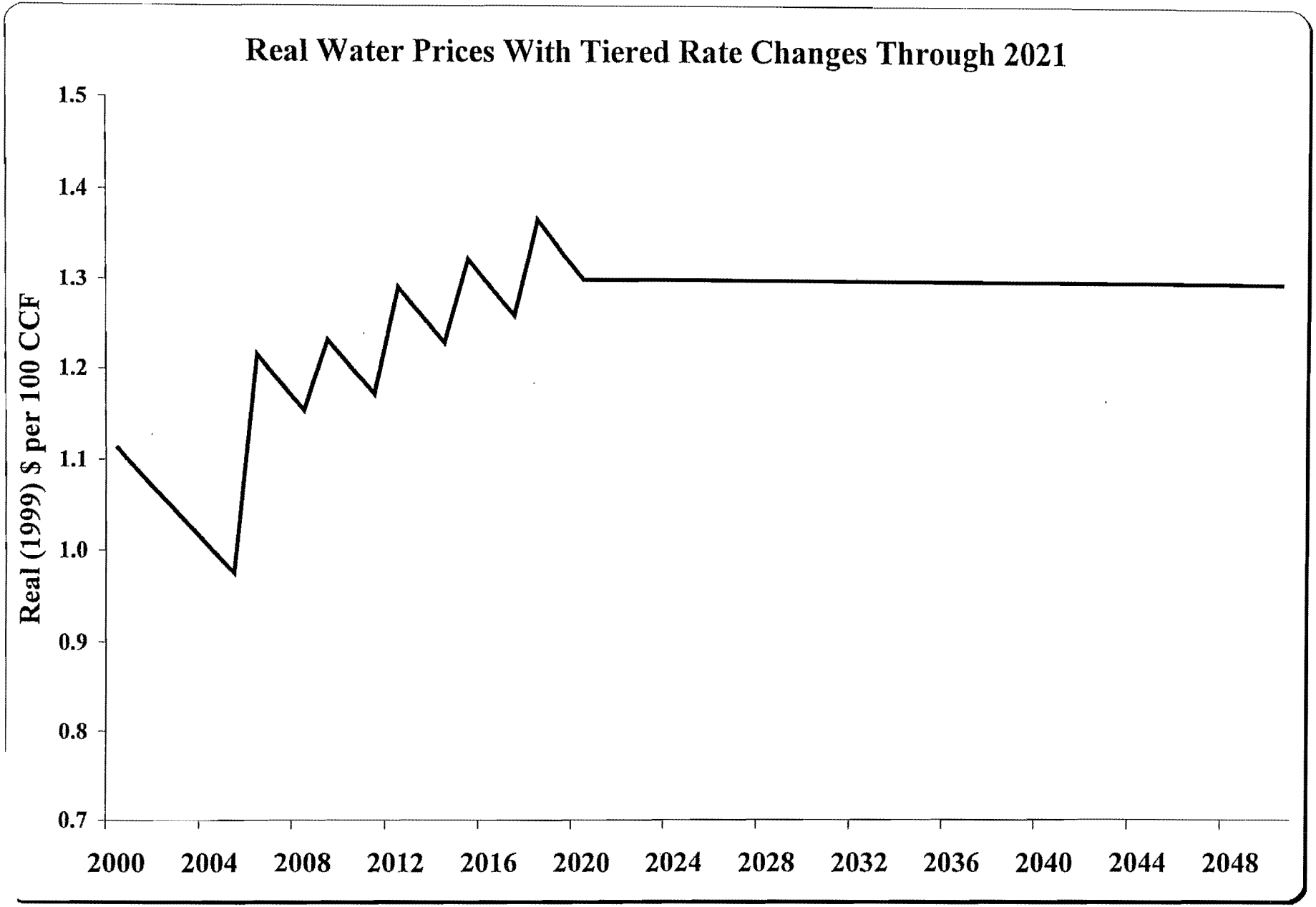
	Inflation Assumptions (from WEFA US Long-Term Forecast: 3rd quarter 2000) Consumer Price Index: CPI-U					United Water Marginal Prices Summer Rates - $ / 100 CCF							
	Index (1982 - '84 Base Year)	Index (1999 = 100.0)	Annual Pct. Chg.	Monthly Rate of Annual Pct. Chg.	Compounded Monthly Rate from Yr-End '99	Historical Nominal Marginal Cost of Water	Historical Real Marginal Cost (99 $) of Water	Constant Real Marginal Prices 2000 - '2050	Real Price Increases at 1.3% /Yr. 2000 - '2050	Real Yearly Price Increases 1.3% /Yr. Until 2020 - Constant Thereafter	Tiered Price Changes Water Price Change Assumptions	Nominal Marginal Cost of Water	Real * Marginal Cost of Water
Jan-44	505.4	303.4		1.00206	3.0224			0.9113	1.6296	1.1953		1.9827	1.0326
Feb-44	508.4	305.1		1.00206	3.0287			0.9113	1.6296	1.1953		1.9827	1.0305
Mar-44	512.6	307.7		1.00206	3.0349			0.9113	1.6296	1.1953		1.9827	1.0284
Apr-44	512.9	307.8		1.00206	3.0411			0.9113	1.6296	1.1953		1.9827	1.0263
May-44	513.2	308.0		1.00206	3.0474			1.1388	2.0364	1.4936		2.4777	1.2799
Jun-44	516.2	309.8		1.00206	3.0537			1.1388	2.0364	1.4936		2.4777	1.2772
Jul-44	515.4	309.3	2.5%	1.00206	3.0600			1.1388	2.0364	1.4936		2.4777	1.2746
Aug-44	516.6	310.1		1.00206	3.0663			1.1388	2.0364	1.4936		2.4777	1.3038
Sep-44	519.1	311.6		1.00206	3.0726			1.1388	2.0364	1.4936		2.4777	1.3011
Oct-44	520.0	312.1		1.00206	3.0789			0.9113	1.6296	1.1953		1.9827	1.0390
Nov-44	520.3	312.3		1.00206	3.0853			0.9113	1.6296	1.1953		1.9827	1.0369
Dec-44	520.3	312.3		1.00206	3.0916			0.9113	1.6296	1.1953		1.9827	1.0348
Jan-45	518.0	310.9		1.00206	3.0980			0.9113	1.6508	1.1953		1.9827	1.0326
Feb-45	521.1	312.8		1.00206	3.1044			0.9113	1.6508	1.1953		1.9827	1.0305
Mar-45	525.4	315.4		1.00206	3.1108			0.9113	1.6508	1.1953		1.9827	1.0284
Apr-45	525.7	315.5		1.00206	3.1172			0.9113	1.6508	1.1953		1.9827	1.0263
May-45	526.0	315.7		1.00206	3.1236			1.1388	2.0629	1.4936		2.4777	1.2799
Jun-45	529.1	317.6		1.00206	3.1300			1.1388	2.0629	1.4936		2.4777	1.2772
Jul-45	528.3	317.1	2.5%	1.00206	3.1365			1.1388	2.0629	1.4936		2.4777	1.2746
Aug-45	529.5	317.8		1.00206	3.1429			1.1388	2.0629	1.4936		2.4777	1.3038
Sep-45	532.1	319.4		1.00206	3.1494			1.1388	2.0629	1.4936		2.4777	1.3011
Oct-45	533.0	319.9		1.00206	3.1559			0.9113	1.6508	1.1953		1.9827	1.0390
Nov-45	533.3	320.1		1.00206	3.1624			0.9113	1.6508	1.1953		1.9827	1.0369
Dec-45	533.3	320.1		1.00206	3.1689			0.9113	1.6508	1.1953		1.9827	1.0348
Jan-46	531.0	318.7		1.00206	3.1754			0.9113	1.6723	1.1953		1.9827	1.0326
Feb-46	534.1	320.6		1.00206	3.1820			0.9113	1.6723	1.1953		1.9827	1.0305
Mar-46	538.5	323.2		1.00206	3.1885			0.9113	1.6723	1.1953		1.9827	1.0284
Apr-46	538.8	323.4		1.00206	3.1951			0.9113	1.6723	1.1953		1.9827	1.0263
May-46	539.2	323.6		1.00206	3.2017			1.1388	2.0897	1.4936		2.4777	1.2799
Jun-46	542.3	325.5		1.00206	3.2083			1.1388	2.0897	1.4936		2.4777	1.2772
Jul-46	541.5	325.0	2.5%	1.00206	3.2149			1.1388	2.0897	1.4936		2.4777	1.2746
Aug-46	542.8	325.8		1.00206	3.2215			1.1388	2.0897	1.4936		2.4777	1.3038
Sep-46	545.4	327.3		1.00206	3.2281			1.1388	2.0897	1.4936		2.4777	1.3011
Oct-46	546.3	327.9		1.00206	3.2348			0.9113	1.6723	1.1953		1.9827	1.0390
Nov-46	546.7	328.1		1.00206	3.2415			0.9113	1.6723	1.1953		1.9827	1.0369
Dec-46	546.7	328.1		1.00206	3.2481			0.9113	1.6723	1.1953		1.9827	1.0348
Jan-47	544.2	326.7		1.00206	3.2548			0.9113	1.6940	1.1953		1.9827	1.0326
Feb-47	547.5	328.6		1.00206	3.2615			0.9113	1.6940	1.1953		1.9827	1.0305
Mar-47	552.0	331.3		1.00206	3.2682			0.9113	1.6940	1.1953		1.9827	1.0284
Apr-47	552.3	331.5		1.00206	3.2750			0.9113	1.6940	1.1953		1.9827	1.0263
May-47	552.6	331.7		1.00206	3.2817			1.1388	2.1169	1.4936		2.4777	1.2799
Jun-47	555.9	333.6		1.00206	3.2885			1.1388	2.1169	1.4936		2.4777	1.2772
Jul-47	555.0	333.1	2.5%	1.00206	3.2953			1.1388	2.1169	1.4936		2.4777	1.2746
Aug-47	556.3	333.9		1.00206	3.3020			1.1388	2.1169	1.4936		2.4777	1.3038
Sep-47	559.0	335.5		1.00206	3.3088			1.1388	2.1169	1.4936		2.4777	1.3011
Oct-47	560.0	336.1		1.00206	3.3157			0.9113	1.6940	1.1953		1.9827	1.0390
Nov-47	560.3	336.3		1.00206	3.3225			0.9113	1.6940	1.1953		1.9827	1.0369
Dec-47	560.3	336.3		1.00206	3.3293			0.9113	1.6940	1.1953		1.9827	1.0348

John Church
Idaho Economics

Summarization of Water Price Assumptions for The Three Forecast Cases Examined

	Inflation Assumptions (from WEFA US Long-Term Forecast: 3rd quarter 2000)					United Water Marginal Prices Summer Rates - $ / 100 CCF							
	Consumer Price Index: CPI-U					Historical Nominal Marginal Cost of Water	Historical Real Marginal Cost (99 $) of Water	Constant Real Marginal Prices 2000 - '2050	Real Price Increases at 1.3% /Yr. 2000 - '2050	Real Yearly Price Increases 1.3% /Yr. Until 2020 - Constant Thereafter	Tiered Price Changes		
	Index (1982 - '84 Base Year)	Index (1999 = 100.0)	Annual Pct. Chg.	Monthly Rate of Annual Pct. Chg.	Compounded Monthly Rate from Yr-End '99						Water Price Change Assumptions	Nominal Marginal Cost of Water	Real * Marginal Cost of Water
Jan-48	557.8	334.8		1.00206	3.3362			0.9113	1.7160	1.1953		1.9827	1.0326
Feb-48	561.2	336.8		1.00206	3.3431			0.9113	1.7160	1.1953		1.9827	1.0305
Mar-48	565.8	339.6		1.00206	3.3499			0.9113	1.7160	1.1953		1.9827	1.0284
Apr-48	566.1	339.8		1.00206	3.3569			0.9113	1.7160	1.1953		1.9827	1.0263
May-48	566.4	340.0		1.00206	3.3638			1.1388	2.1444	1.4936		2.4777	1.2799
Jun-48	569.8	342.0		1.00206	3.3707			1.1388	2.1444	1.4936		2.4777	1.2772
Jul-48	568.9	341.5	2.5%	1.00206	3.3776			1.1388	2.1444	1.4936		2.4777	1.2746
Aug-48	570.2	342.3		1.00206	3.3846			1.1388	2.1444	1.4936		2.4777	1.3038
Sep-48	573.0	343.9		1.00206	3.3916			1.1388	2.1444	1.4936		2.4777	1.3011
Oct-48	574.0	344.5		1.00206	3.3986			0.9113	1.7160	1.1953		1.9827	1.0390
Nov-48	574.3	344.7		1.00206	3.4056			0.9113	1.7160	1.1953		1.9827	1.0369
Dec-48	574.3	344.7		1.00206	3.4126			0.9113	1.7160	1.1953		1.9827	1.0348
Jan-49	571.8	343.2		1.00206	3.4196			0.9113	1.7383	1.1953		1.9827	1.0326
Feb-49	575.2	345.2		1.00206	3.4266			0.9113	1.7383	1.1953		1.9827	1.0305
Mar-49	579.9	348.1		1.00206	3.4337			0.9113	1.7383	1.1953		1.9827	1.0284
Apr-49	580.3	348.3		1.00206	3.4408			0.9113	1.7383	1.1953		1.9827	1.0263
May-49	580.6	348.5		1.00206	3.4479			1.1388	2.1723	1.4936		2.4777	1.2799
Jun-49	584.0	350.5		1.00206	3.4550			1.1388	2.1723	1.4936		2.4777	1.2772
Jul-49	583.1	350.0	2.5%	1.00206	3.4621			1.1388	2.1723	1.4936		2.4777	1.2746
Aug-49	584.5	350.8		1.00206	3.4692			1.1388	2.1723	1.4936		2.4777	1.3038
Sep-49	587.3	352.5		1.00206	3.4764			1.1388	2.1723	1.4936		2.4777	1.3011
Oct-49	588.3	353.1		1.00206	3.4835			0.9113	1.7383	1.1953		1.9827	1.0390
Nov-49	588.7	353.4		1.00206	3.4907			0.9113	1.7383	1.1953		1.9827	1.0369
Dec-49	588.7	353.4		1.00206	3.4979			0.9113	1.7383	1.1953		1.9827	1.0348
Jan-50	586.1	351.8		1.00206	3.5051			0.9113	1.7609	1.1953		1.9827	1.0326
Feb-50	589.6	353.9		1.00206	3.5123			0.9113	1.7609	1.1953		1.9827	1.0305
Mar-50	594.4	356.8		1.00206	3.5195			0.9113	1.7609	1.1953		1.9827	1.0284
Apr-50	594.8	357.0		1.00206	3.5268			0.9113	1.7609	1.1953		1.9827	1.0263
May-50	595.1	357.2		1.00206	3.5341			1.1388	2.2005	1.4936		2.4777	1.2799
Jun-50	598.6	359.3		1.00206	3.5413			1.1388	2.2005	1.4936		2.4777	1.2772
Jul-50	597.7	358.7	2.5%	1.00206	3.5486			1.1388	2.2005	1.4936		2.4777	1.2746
Aug-50	599.1	359.6		1.00206	3.5559			1.1388	2.2005	1.4936		2.4777	1.3038
Sep-50	602.0	361.3		1.00206	3.5633			1.1388	2.2005	1.4936		2.4777	1.3011
Oct-50	603.1	362.0		1.00206	3.5706			0.9113	1.7609	1.1953		1.9827	1.0390
Nov-50	603.4	362.2		1.00206	3.5780			0.9113	1.7609	1.1953		1.9827	1.0369
Dec-50	603.4	362.2		1.00206	3.5853			0.9113	1.7609	1.1953		1.9827	1.0348
Annual Averages at 5-Year Breakouts:													
2000	171.9	103.2	0.0321	1.0026	1.0172			1.0061	1.0192			1.1388	
2005	195.8	117.6	0.0270	1.0022	1.1614			1.0061	1.0872			1.4577	
2010	222.4	133.5	0.0250	1.0021	1.3203			1.0061	1.1597			1.5947	
2015	251.7	151.1	0.0250	1.0021	1.4938			1.0061	1.2371			1.9876	
2020	284.7	170.9	0.0250	1.0021	1.6901			1.0061	1.3196			2.4777	
2025	322.2	193.4	0.0250	1.0021	1.9122			1.0061	1.4076			2.4777	
2030	364.5	218.8	0.0250	1.0021	2.1635			1.0061	1.5015			2.4777	
2035	412.4	247.5	0.0250	1.0021	2.4477			1.0061	1.6017			2.4777	
2040	466.6	280.1	0.0250	1.0021	2.7694			1.0061	1.7085			2.4777	
2045	527.9	316.9	0.0250	1.0021	3.1333			1.0061	1.8225			2.4777	
2050	597.3	358.5	0.0250	1.0021	3.5451			1.0061	1.9441			2.4777	

John Church
Idaho Economics


Real Water Prices With Tiered Rate Changes Through 2021
Real (1999) $ per 100 CCF
1.5
1.4
1.3
1.2
1.1
1.0
0.9
0.8
0.7
2000
2004
2008
2012
2016
2020
2024
2028
2032
2036
2040
2044
2048

6

United Water Idaho

Appendix A
to

Integrated Municipal Application Package ("IMAP")

Ada County Economic Forecast: 2000 to 2050

Ada County Population Forecast by Traffic Analysis Zones (TAZs) for the Years 2000 to 2050, with Aggregations to the United Water Planning Area Population

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Idaho Economics
2001 County Economic Forecasts

Ada County

Summary Information	Historical			Forecast										
	1970	1980	1990	2000	2005	2010	2015	2020	2025	2030	2035	2040	2045	2050
Population & Households:														
Total Population:	113,000	174,090	207,520	292,610	328,480	366,760	405,970	446,790	489,330	540,260	597,280	663,821	733,630	813,966
Population per Square Mile	107.4	165.5	197.3	278.2	312.3	348.7	386.0	424.8	465.2	513.7	567.9	631.1	697.5	773.9
Total Households:	36,280	63,140	77,460	111,050	127,660	146,120	165,760	186,460	207,080	227,796	251,838	279,895	309,329	343,202
Persons per Household	3.08	2.69	2.60	2.59	2.53	2.47	2.41	2.36	2.32	2.32	2.32	2.32	2.32	2.32
Employment:														
Total Nonagricultural	42,060	79,790	106,600	177,700	177,700	234,870	268,270	305,200	343,810	393,286	450,853	517,940	596,241	687,765
Manufacturing:	4,790	8,580	16,460	25,420	25,420	32,510	35,880	39,040	41,120	44,740	48,680	52,966	57,629	62,703
Wholesale & Retail Trade	11,440	21,060	26,950	43,740	51,100	58,530	67,420	77,710	88,910	102,491	118,133	136,162	156,943	102,491

Ada County

Employment:	1975	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993
Manufacturing	5,980	8,580	8,820	8,570	9,080	10,340	10,690	10,270	11,220	13,060	14,730	16,460	17,470	18,510	20,580
Mining	60	100	90	70	70	90	70	100	60	60	80	120	100	70	80
Construction	5,190	6,040	6,260	5,530	5,160	5,470	5,420	4,860	4,620	4,960	5,780	6,310	6,770	7,860	8,860
Transp., Comm., & Util.	3,850	5,220	5,220	5,220	5,210	5,220	5,500	5,560	5,180	5,270	5,540	5,990	6,150	6,060	6,230
Wholesale & Retail Trade	16,380	21,060	20,310	19,680	20,210	21,390	22,340	22,180	22,630	23,870	26,040	26,950	27,490	28,830	30,580
Fin., Ins., & Real Est.	5,230	5,750	8,110	7,750	7,740	8,080	8,220	7,570	7,440	7,630	7,690	8,250	8,800	8,930	9,420
Services	9,590	14,370	14,840	15,260	15,790	16,690	17,550	18,730	19,160	20,670	21,980	23,940	25,580	26,830	29,910
Government	15,860	16,130	16,100	15,500	15,450	16,040	16,000	16,520	16,940	17,620	17,500	18,580	19,360	20,330	20,900
Total Nonagricultural	62,140	79,790	79,760	77,590	78,700	83,310	85,790	85,780	87,260	93,400	100,460	106,600	111,720	117,420	126,560
Population & Households:															
Population:	141,060	174,090	177,610	180,480	182,910	186,280	189,810	191,040	192,930	195,510	200,950	207,520	215,760	223,340	233,570
Households:	48,230	63,140	65,100	65,750	66,510	68,210	70,010	70,790	71,910	73,470	75,860	77,460	81,160	84,450	88,340
Persons per Household:	2.88	2.69	2.68	2.67	2.66	2.65	2.65	2.64	2.63	2.62	2.61	2.60	2.58	2.55	2.53

Population Comparisons:	1975	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993
Ada County	141,060	174,090	177,610	180,480	182,910	186,280	189,810	191,040	192,930	195,510	200,950	207,520	215,760	223,340	233,570
United Water Svc. Area															

Idaho Power
2001 County Economic Forecast
Extended to 2050 for United Water Idaho

Ada County

Employment:	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Manufacturing	21,850	21,610	22,640	23,290	25,230	25,240	25,420	26,210	26,870	27,810	28,670	29,250	30,040	30,710	31,340	31,960
Mining	100	90	80	80	80	110	100	100	100	100	100	100	100	100	100	100
Construction	10,460	10,470	10,490	10,850	10,830	11,920	12,550	12,810	13,100	13,400	13,740	14,070	14,350	14,640	14,940	15,220
Transp., Comm., & Util.	6,550	6,920	7,080	7,740	8,600	9,260	9,470	9,840	10,170	10,500	10,760	10,960	11,140	11,310	11,480	11,650
Wholesale & Retail Trade	33,340	34,800	36,430	38,020	39,990	41,990	43,740	45,060	46,440	47,910	49,500	51,100	52,810	53,980	55,450	57,030
Fin., Ins., & Real Est.	10,140	10,550	10,500	10,170	9,860	10,380	10,430	10,550	10,700	10,870	11,030	11,190	11,370	11,540	11,700	11,870
Services	32,160	35,440	37,650	41,310	44,010	45,740	47,730	49,610	51,600	53,750	55,920	58,350	60,690	63,340	65,950	68,650
Government	21,140	23,420	23,600	24,600	25,690	26,730	28,260	27,870	28,400	28,990	29,520	30,100	30,660	31,240	31,820	32,420
Total Nonagricultural	135,750	143,320	148,480	156,060	164,280	171,370	177,700	182,050	187,390	193,330	199,230	205,110	211,140	216,850	222,790	228,900
Population & Households:																
Population:	243,310	251,860	260,150	267,010	275,620	283,400	292,610	298,900	306,220	313,400	320,930	328,480	336,050	343,660	351,260	358,990
Households:	91,560	94,900	98,180	100,980	104,280	107,650	111,050	113,820	117,380	120,410	123,790	127,660	131,180	135,120	138,680	142,560
Persons per Household:	2.51	2.60	2.60	2.60	2.60	2.59	2.59	2.58	2.56	2.56	2.55	2.53	2.52	2.50	2.49	2.47

Population Comparisons:	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Ada County	243,310	251,860	260,150	267,010	275,620	283,400	292,610	298,900	306,220	313,400	320,930	328,480	336,050	343,660	351,260	358,990
United Water Svc. Area						207,861	214,615	217,690	221,442	225,018	228,775	232,465	237,016	241,563	246,064	250,621

Ada County

Employment:	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
Manufacturing	32,510	33,010	33,660	34,290	35,090	35,880	36,610	37,300	37,990	38,510	39,040	39,550	40,060	40,440	40,790	41,120
Mining	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
Construction	15,500	15,780	16,050	16,320	16,590	16,840	17,090	17,320	17,550	17,760	17,980	18,180	18,380	18,540	18,700	18,860
Transp., Comm., & Util.	11,810	11,970	12,130	12,280	12,440	12,600	12,740	12,890	13,030	13,180	13,330	13,470	13,620	13,760	13,910	14,060
Wholesale & Retail Trade	58,530	60,310	62,190	63,820	65,530	67,420	69,320	71,300	73,380	75,490	77,710	79,840	82,070	84,360	86,700	88,910
Fin., Ins., & Real Est.	12,040	12,210	12,380	12,560	12,730	12,910	13,080	13,250	13,420	13,590	13,770	13,940	14,120	14,290	14,460	14,630
Services	71,350	74,280	77,130	80,060	83,210	86,400	89,750	93,100	96,550	100,140	103,920	107,560	111,370	115,210	119,240	123,310
Government	33,040	33,630	34,240	34,850	35,480	36,120	36,750	37,390	38,030	38,690	39,350	40,030	40,720	41,400	42,100	42,810
Total Nonagricultural	234,870	241,290	247,880	254,280	261,170	268,270	275,450	282,650	290,060	297,450	305,200	312,670	320,440	328,100	335,990	343,810
Population & Households:																
Population:	366,760	374,510	382,320	390,160	398,060	405,970	414,010	422,110	430,270	438,470	446,790	455,130	463,540	472,000	480,640	489,330
Households:	146,120	150,120	153,800	157,880	161,490	165,760	169,580	174,110	178,120	181,750	186,460	190,000	194,000	198,620	202,710	207,080
Persons per Household:	2.47	2.45	2.44	2.43	2.42	2.41	2.40	2.38	2.38	2.37	2.36	2.36	2.35	2.34	2.33	2.32

Population Comparisons:	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
Ada County	366,760	374,510	382,320	390,160	398,060	405,970	414,010	422,110	430,270	438,470	446,790	455,130	463,540	472,000	480,640	489,330
United Water Svc. Area	255,168	258,978	262,761	266,497	270,214	273,862	279,106	284,384	289,688	295,021	300,420	305,829	311,279	316,757	322,344	327,956

Ada County

Employment:	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038
Manufacturing	41,820	42,530	43,260	43,990	44,740	45,500	46,280	47,060	47,870	48,680	49,510	50,350	51,210
Mining	100	100	100	100	100	90	90	90	90	90	90	90	90
Construction	19,110	19,360	19,620	19,870	20,140	20,400	20,670	20,940	21,220	21,500	21,780	22,070	22,360
Transp., Comm., & Util.	14,250	14,440	14,630	14,820	15,020	15,220	15,420	15,630	15,840	16,050	16,260	16,480	16,690
Wholesale & Retail Trade	91,480	94,120	96,830	99,620	102,490	105,440	108,480	111,610	114,820	118,130	121,540	125,040	128,640
Fin., Ins., & Real Est.	14,820	15,020	15,220	15,420	15,620	15,830	16,040	16,250	16,460	16,680	16,900	17,120	17,350
Services	127,950	132,760	137,760	142,940	148,320	153,900	159,690	165,690	171,930	178,390	185,110	192,070	199,300
Government	43,590	44,390	45,200	46,020	46,870	47,720	48,600	49,490	50,400	51,330	52,280	53,240	54,220
Total Nonagricultural	353,120	362,710	372,600	382,790	393,290	404,110	415,270	426,770	438,630	450,850	463,460	476,460	489,860
Population & Households:													
Population:	499,120	509,100	519,280	529,670	540,260	551,070	562,090	573,330	584,790	597,280	610,030	623,060	636,360
Households:	210,450	214,660	218,950	223,330	227,800	232,350	237,000	241,740	246,570	251,840	257,210	262,710	268,320
Persons per Household:	2.32	2.32	2.32	2.32	2.32	2.32	2.32	2.32	2.32	2.32	2.32	2.32	2.32

Population Comparisons:	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038
Ada County	499,120	509,100	519,280	529,670	540,260	551,070	562,090	573,330	584,790	597,280	610,030	623,060	636,360
United Water Svc. Area	334,294	340,814	347,480	354,290	361,250	368,361	375,630	383,060	390,666	398,442	406,394	414,535	422,862

Ada County

Employment:	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050
Manufacturing	52,080	52,970	53,870	54,780	55,720	56,660	57,630	58,610	59,610	60,620	61,650	62,700
Mining	90	90	90	80	80	80	80	80	80	80	80	80
Construction	22,660	22,960	23,260	23,570	23,880	24,190	24,510	24,830	25,160	25,490	25,830	26,170
Transp., Comm., & Util.	16,920	17,140	17,370	17,600	17,830	18,070	18,310	18,560	18,800	19,050	19,310	19,560
Wholesale & Retail Trade	132,350	136,160	140,090	144,120	148,270	152,550	156,940	161,470	166,120	170,900	175,830	180,900
Fin., Ins., & Real Est.	17,580	17,810	18,040	18,280	18,520	18,770	19,010	19,260	19,520	19,780	20,040	20,300
Services	206,790	214,570	222,640	231,020	239,710	248,730	258,090	267,800	277,870	288,320	299,170	310,420
Government	55,230	56,250	57,290	58,350	59,430	60,540	61,660	62,810	63,980	65,170	66,390	67,630
Total Nonagricultural	503,680	517,940	532,640	547,810	563,450	579,590	596,240	613,420	631,140	649,430	668,290	687,770
Population & Households:												
Population:	649,940	663,820	677,100	690,640	704,450	718,540	733,630	749,040	764,770	780,830	797,220	813,970
Households:	274,040	279,890	285,490	291,200	297,030	302,970	309,330	315,830	322,460	329,230	336,140	343,200
Persons per Household:	2.32	2.32	2.32	2.32	2.32	2.32	2.32	2.32	2.32	2.32	2.32	2.32

Population Comparisons:	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050
Ada County	649,940	663,820	677,100	690,640	704,450	718,540	733,630	749,040	764,770	780,830	797,220	813,970
United Water Svc. Area	431,379	440,092	449,005	458,111	467,427	477,081	486,967	497,075	507,427	518,030	528,892	540,020

Ada & Canyon County Population Forecast Comparisons

Ada County Population	1999 (3)	2000	2005	2010	2015	2020	2025
April 1, 2000 Census.....		300,904	Pct Diff. 2000 Census vs. 2001 Fcst.....				2.8%
2001 Economic Forecast	283,400	292,609	328,485	366,759	405,968	446,788	489,326
Annual Average Percent Change			2.3%	2.2%	2.1%	1.9%	1.8%
2000 Economic Forecast	283,357	290,427	325,130	359,839	395,827	432,130	466,147
1999 Economic Forecast	280,642	286,938	316,871	350,871	383,130	417,503	
1998 Economic Forecast	278,145	282,575	306,254	337,690	365,126		
1997 Economic Forecast	280,373	284,267	305,084	334,889	361,029		
APA 1997 Demographic Report (1)		284,269	305,084	334,889	361,029	366,497	
Annual Average Percent Change			1.4%	1.9%	1.5%	0.3%	
2001 Economic Forecast vs. APA 1997 Demographic Report							
Percent Difference		2.9%	7.7%	9.5%	12.4%	21.9%	
Absolute Difference		8,340	23,401	31,870	44,939	80,291	

Canyon County Population	1999 (3)	2000	2005	2010	2015	2020	2025
April 1, 2000 Census.....		131,441	Pct Diff. 2000 Census vs. 2001 Fcst.....				2.2%
2001 Economic Forecast	124,440	128,580	149,838	166,566	183,963	202,284	221,584
Annual Average Percent Change			3.1%	2.1%	2.0%	1.9%	1.8%
2000 Economic Forecast	117,460	120,760	138,768	151,903	162,436	172,755	182,174
1999 Economic Forecast	118,299	120,200	128,617	137,127	145,323	154,498	
1998 Economic Forecast	117,246	118,373	124,307	131,975	138,493		
1997 Economic Forecast	119,083	120,837	130,432	140,696	150,645		
APA 1997 Demographic Report (2)		125,429	141,251	156,572	172,393	188,215	
Annual Average Percent Change			2.4%	2.1%	1.9%	1.8%	
2001 Economic Forecast vs. APA 1997 Demographic Report							
Percent Difference		2.5%	6.1%	6.4%	6.7%	7.5%	
Absolute Difference		3,151	8,587	9,994	11,570	14,069	

Population in the Boise MSA							
Ada County	283,400	292,609	328,485	366,759	405,968	446,788	489,326
Canyon County	124,440	128,580	149,838	166,566	183,963	202,284	221,584
Boise MSA	407,840	421,189	478,323	533,326	589,931	649,072	710,910
April 1, 2000 Census.....		432,345	Pct Diff. 2000 Census vs. 2001 Fcst.....				2.6%
Population as Percent of Boise MSA							
Ada County	69.5%	69.5%	68.7%	68.8%	68.8%	68.8%	68.8%
Canyon County	30.5%	30.5%	31.3%	31.2%	31.2%	31.2%	31.2%

Sources: APA 1997 Demographic Report. Idaho Power Company (IPCo) County Economic Forecasts for the years 1997, 1998, 1999, 2000, and 2001 (which is, at the moment unpublished)

(1) The APA forecast for Ada County matches the Idaho Power Ada County Forecast with the exception of the year 2020, which was added by APA as an extension of the Idaho Power Forecast.

(2) The APA forecast for Canyon County does not match the Idaho Power Canyon County Forecast. APA was of the opinion that Canyon County would increase at a faster rate than the IPCo Forecast for Canyon County.

(3) The 1999 Ada and Canyon County populations in the 2001 Economic Forecast are the U.S. Census Bureau's intercensal population estimate of the respective county populations.

The Idaho Economic Forecasting Model

The Idaho economic and demographic forecasting model was completely revamped in 1997. This revision removed from the model the previously forecasted concepts of gross output by industry. Underlying this action, were the inherent statistical difficulties of using the gross output series in subsequent (recursive) equations and methodological uncertainties of using the Kendrix-Jaycox method of data construction. Today, the Idaho economic forecasting model uses personal income and employment by industry with increased importance. These are the main economic drivers of the forecast.

In addition, the forecasts of primary metals manufacturing employment, which were part of the forecast in the past, were also discontinued. Employment in primary metals manufacturing is currently too small to have a significant effect on overall employment in Idaho.

Forecasts of additional Idaho employment incorporated into the model revision are state government, local government, retail trade, wholesale trade, and medical services. Adding these sectors responds to interest expressed for these employment projections.

Lastly, the model was revised so that it will no longer automatically produce economic forecasts of the Idaho Power service area economy. Before the revision these projections were produced as an integral pert of the overall forecast, and subsequently were shown in the economic outlook for the state of Idaho. Our findings were that forecasts of economic activity within the Idaho Power service area were of minimal interest to the public.

The economic forecasting model provides projections for Idaho employment by industry, average wages and salaries by industry, total wage and salary payments by industry, population by age cohort and sex, total labor force, and personal income by component. The historical databases of economic and demographic series utilized in the forecast process may be of monthly, quarterly, or annual frequency. The forecasts of economic and demographic series presented herein will be of annual frequency.

As is the case with any forecast, a great deal of judgement is necessary and all forecasted sectors are subject to review and possible modification.

The availability and utilization of this data at the state or county level should provide its users with a solid framework for increased accuracy in performing business planning, market evaluations, or corporate or agency budgeting.

The Idaho economic model is a simultaneous equation model, which uses forecasts of national inputs and demands for particular sectors of the Idaho economy having a national or international exposure. For example, the large majority of output from Idaho's electronics firms is not for consumption within Idaho. Rather, these products will be shipped to other areas for consumption and use. Production decisions of Idaho's electronics firms are driven by national product demand. Industries with these characteristics are often called basic industries. The economic model treats manufacturing, mining, agriculture, and the federal government sectors of the Idaho economy as basic industries. Furthermore, personal income from federal military duty within Idaho is treated as a basic industry, although the jobs are not classified in the state's total employment

Other industries not having a national profile and are local serving are referred to as secondary industries. For example, many firms provide products only into the local economy. Demand for these products is determined by local economic factors, rather than the national economy.

However, in recent years this basic industry/secondary industry distinction has blurred. Idaho's employment in facilities such as the Sears Credit Facility, Key Bank's consumer loan unit, Direct TV's customer service center, and CapitalOne all in Boise, would traditionally be classified as local serving, secondary industries. A closer examination of these operations would reveal that they are performing a business activity, very little of which is local serving. The geographic reach of these call centers is much wider, providing their companys services by interfacing with customers in all parts of U.S. Periodic monitoring of these types of 'back-room' facilities and their functions is used to monitor and maintain accuracy in the forecast.

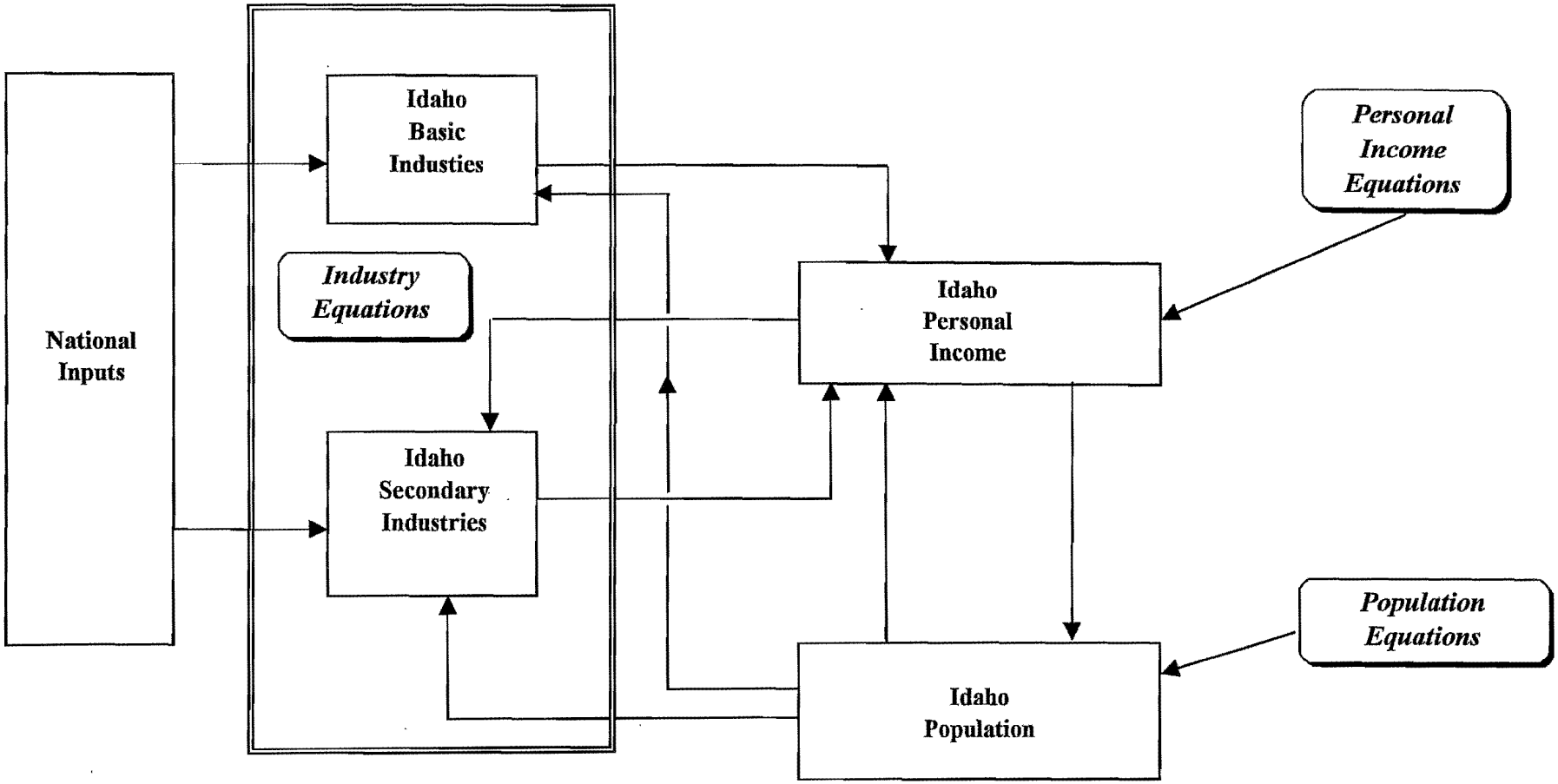
The economic model makes a further distinction in attempting to model the factors that affect the location decisions of a firm or industry. When a firm evaluates a location for a plant, many cost factors are examined, taxes, energy costs, wages, and labor availability. Therefore, the model incorporates factors such as wage rates and energy costs that influence location choices.

Figure 1 presents an overview of the model structure. In the figure, a flow-chart depicts the interrelationships within the model shown as if broken into four large segments. Each segment is examined in additional detail below.

In reality, the model is not solved in distinct blocks, rather it is simultaneous with many equations dependent upon each other. In other words, the personal income equations are dependent upon the population, secondary

Schematic Presentation of the Idaho Economic - Demographic Forecasting Model

Figure 1



Per Capita Personal Income

Per capita personal income is the ratio of total personal Income, from all sources and before income taxes, to total resident population. It is one indicator of the economic well-being of a state and plays an important role in any modeling effort of regional economic activity.

National per capita personal income has been consistently higher than that in the state of Idaho. Stronger economic conditions in the state have helped close the gap in the 1960 to 1980 period and during the most recent expansion, 1987 through 1995. However, despite fastar growth, Idaho's per capita income has consistently been below the national average in absolute terms throughout this period.

Differences between state and national per capita income stem from several sources: industry mix, sources of unearned income, labor force participation rates, fertility rates, and the age distribution of the population. Per capita income in Idaho averages several hundred dollars below the national average. Part of this difference is due to Iadho's relatively large proportion of non-working age population, the result of Idaho's higher birth rates. This relationship reduces total earnings relative to "older" populations of the same number. Idaho's industry mix also contributes to the differences in per capita personal income. The predominance of relatively lower-paying basic industry jobs in Idaho are also a cause of the state's lower per capita income when compared to other regions having a higher proportion of higher-wage rate basic industry jobs.

Idaho total personal income is projected within the economic model by major income component, as depicted in Figure 3. Forecasts of total wage and salary income is the sum of the products of employment by industry times average annual wage and salary earnings by industry. Projections of non-farm proprietors' income, farm proprietors' income, and other labor income are added to the total wage and salary income to obtain a projection of total labor and proprietors' income. In the next step, total personal income is obtained by adding property income (dividends, interest, and rent) and transfer payments to the labor and proprietors' income, and subtracting contributions to social security, and making a "residence adjustment". This adjustment estimates the net difference of income inflows and outflows resulting from commuting employees, absentee landlords and proprietors.

Property income and transfer payments are modeled as a function of projected regional population and national property income and transfer payments per capita. Projected contributions to social security are expressed as a function of projected regional employment and national contributions per employee. Finally, per capita personal income is derived by dividing total personal income by the projected population.

The model further determines disposable personal income (personal income less personal income taxes), using an effective tax rate equation for federal and state taxes. Per capita disposable personal income is derived by dividing total disposable personal income by the projected population.

Finally, the projections of disposable personal income per capita is one of the determinants of employment in the secondary industry sectors, therefore causing the system of equations (employment, personal income, and population) to be simultaneous in their solution.

and basic industry equations. And, in a like fashion, the secondary Industry equations are dependent upon personal Income and population.

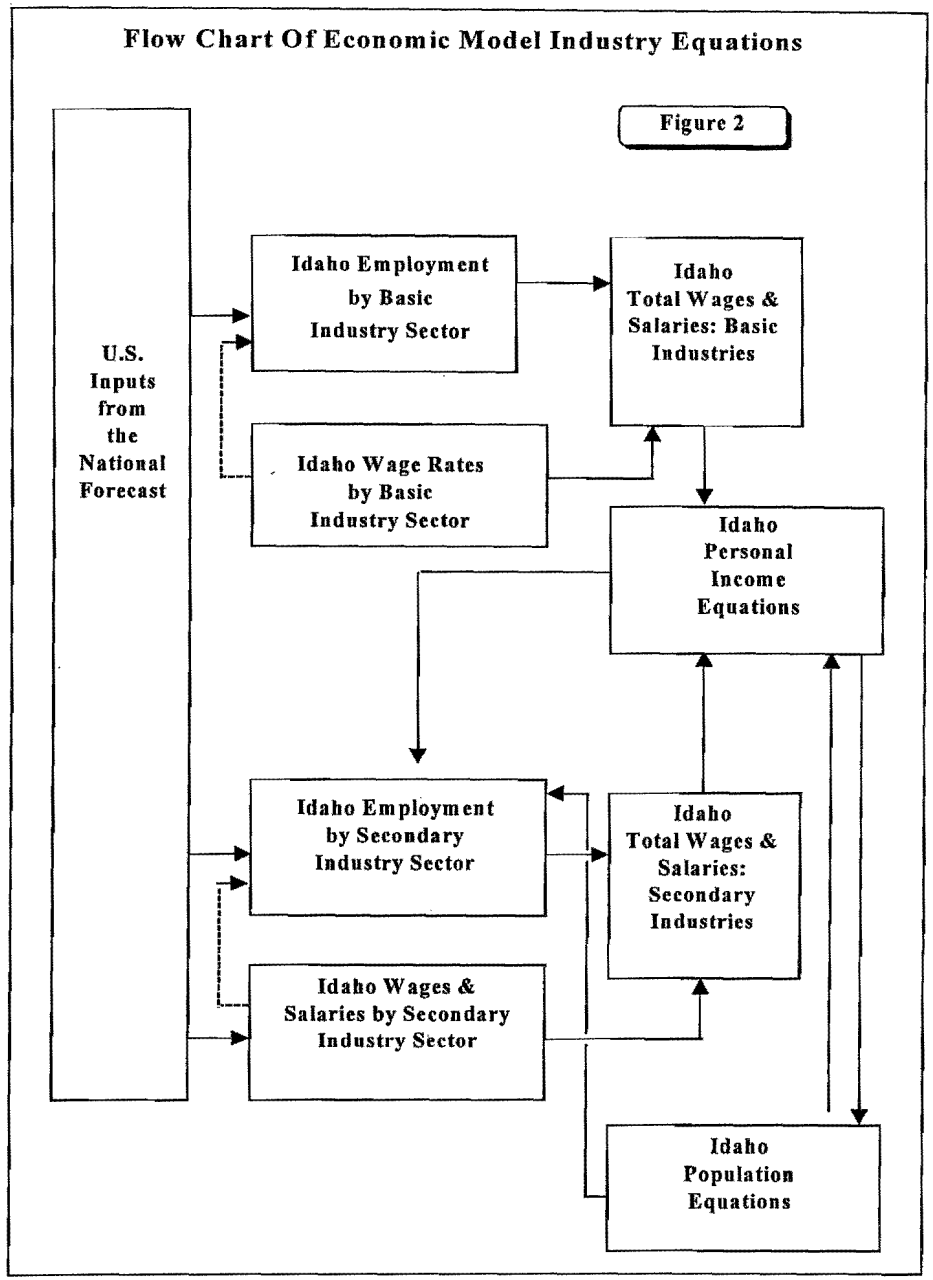
Industry Models

The Idaho economic model industry equations relate national demand (an index of industry output) to local activity of the basic Industries. The secondary industries are a function of local product and service demand and are modeled as a function of Idaho disposable income per capita, Idaho population, and wage rates. (See Figure 2)

In Figure 2, demand for products and services from Idaho's basic industries are a function of national industry demand. In addition, Idaho wage rates by industry also are treated as a function of national wages in each industry. In turn, Idaho basic industry employment is a function of local output and wage rates. The agriculture and mining sectors of Idaho's economy could not be successfully modeled as a function of national activity measures. Although econometric methods were used for these sectors of the economy, the resulting forecasts were heavily managed with a degree of judgement. The agricultural industry forecast assumes that Idaho will maintain its historical share of national agricultural output. Implicit in that assumption is an outlook for additional agricultural productivity gains and slow or no growth in Idaho agricultural cropland.

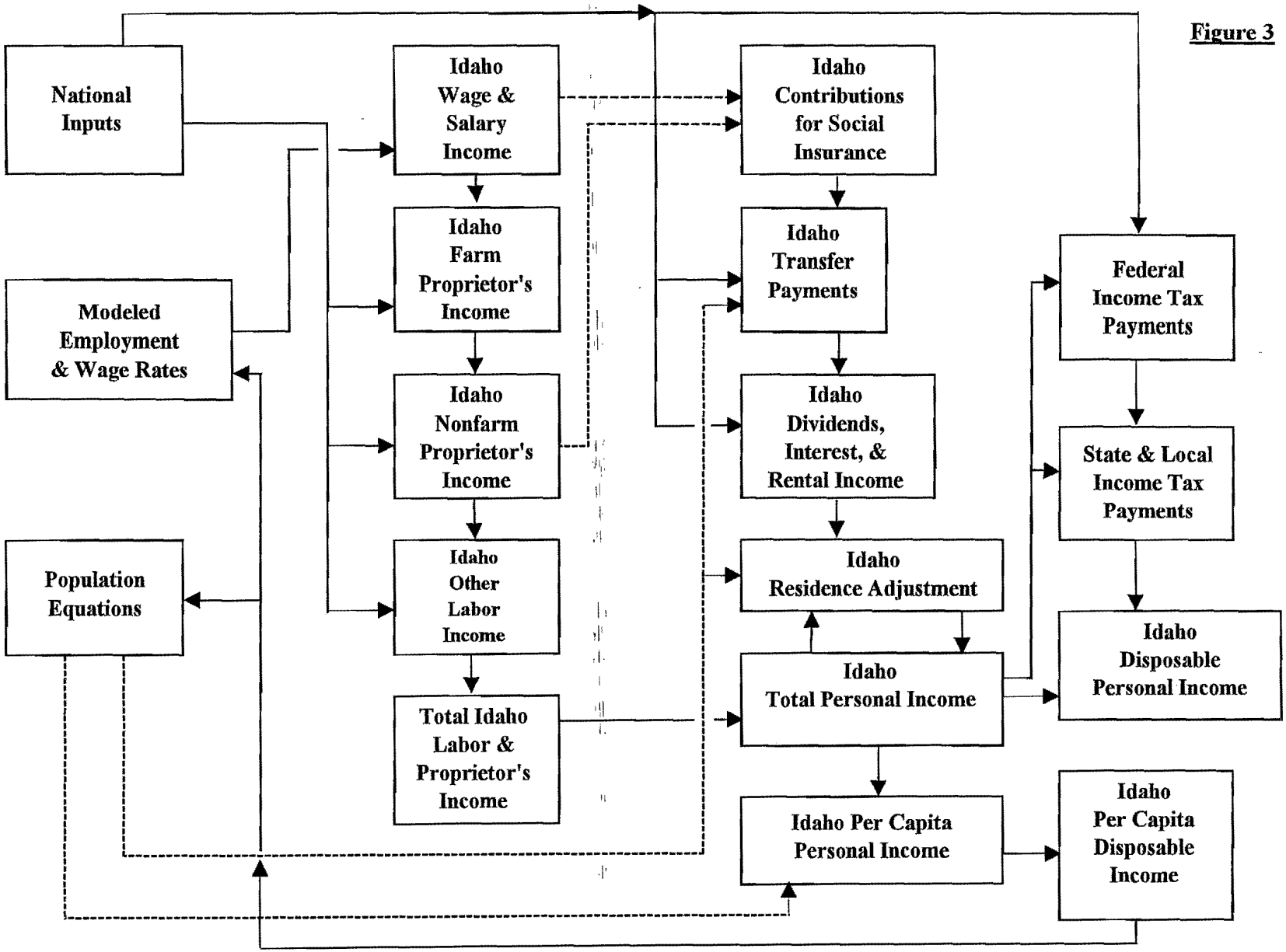
Idaho secondary industry employment a function of local economic activity as measured by Idaho real per capita disposable income and industry specific real wages. As in the basic industry equations, average wage and salary rates by industry are a function of U.S. industry wage trends and employment by industry is a function of local economic activity and wage rates.

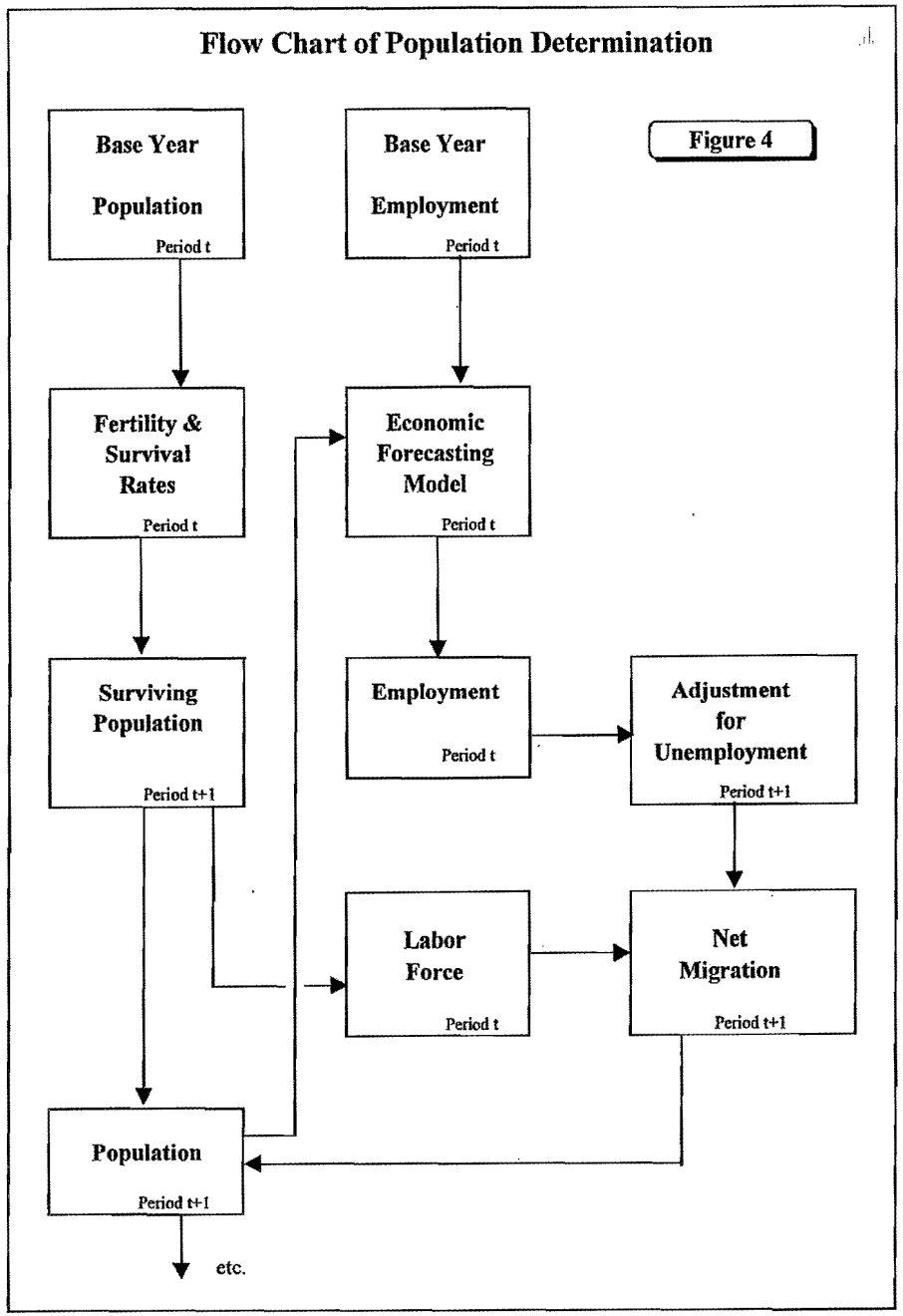
The transition to the personal income sector of the model occurs through the concept of wage bills, the money paid in wages and salaries in each industry sector. Total wages and salaries are the sum of basic and secondary industry employment multiplied by each specific industry's wage rate.



Idaho Economic Forecast
Flow Chart of Personal Income Determination

Figure 3





Population

The population forecast utilizes a cohort-component method, which forecasts components of population change for each cohort a five-year age grouping; i.e., ages 0 to 4, 5 to 9, etc). The components of change in population are births, deaths, and migration. Births and deaths are projected by applying age and sex-specific fertility rates and death rates to the base-year population, which is carried forward into the next year.

The migration component of population change is projected by incorporating an total employment and labor force forecast. Labor force participation rates are applied to the existing working-age population, resulting in a locally supplied labor force. The net migration of workers makes up the difference between the labor force supplied by the existing population and the labor force produced by total employment and an "unemployment adjustment." The migrating workers are converted by an appropriate factor to a migrating population. This is then distributed by age in accordance with historical patterns. The migrating population is added to the "survived" base-year population and carried forward to the next year.

The population model projects net migration from the difference betwsen the labor force supplied by the existing population and the required labor force projected by the employment forecast and the unemployment adjustment. In actuality, some portion of the population migrates out of the region (gross out-migration) and others migrate in (gross in-migration). Net migration is dependent on the level of employment and the size of the labor force supplied by the existing population.

Net migration is a critical component in the growth or decline of regional or local area population. The contribution of natural population increases, while important, is less subject to wide fluctuations because it is largely dependent on a gradually changing age structure. Even in a 20-year population forecast, the change in population, and the age structure resulting from natural increases alone is fairly certain because most of the population is already born and mortality rates behave predictably.

United Water - Idaho Servic ea Population Forecast
by Ada County Traffic Analysis Zones (TAZ): 1999 to 2050

TAZ	United Water	Weight	Plng. Area or City	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
1	UW	1	Boise	299	309	326	346	365	386	407	450	495	541	589	638	649	658
2	UW	1	Boise	133	137	152	168	184	201	219	251	285	320	356	394	405	416
3	UW	1	Boise	194	200	214	229	245	261	278	311	346	381	418	456	465	474
4	UW	1	Boise	335	346	369	395	421	449	477	533	591	650	712	776	791	806
5	UW	1	Boise	128	132	145	159	174	189	205	234	265	296	329	362	372	381
6	UW	1	Boise	345	356	379	405	430	457	485	540	597	656	717	781	795	809
7	UW	1	Boise	11	12	14	16	18	21	24	28	33	38	44	49	51	53
8	UW	1	Boise	2	2	4	6	8	10	12	16	20	23	27	31	33	35
9	UW	1	Boise	47	49	63	79	95	112	130	160	191	224	257	292	305	318
10	UW	1	Boise	66	68	75	83	91	100	108	125	142	159	177	196	201	207
11	UW	1	Boise	208	215	235	258	281	305	330	376	425	475	527	580	596	611
12	UW	1	Boise	59	61	66	71	77	82	88	99	111	122	135	148	151	154
13	UW	1	Boise	58	60	62	64	66	68	71	74	78	82	86	90	91	93
14	UW	1	Boise	0	0	1	1	2	3	3	5	6	7	9	10	11	12
15	UW	1	Boise	11	12	14	16	18	21	23	28	33	38	43	48	50	52
16	UW	1	Boise	6	6	8	9	10	12	13	16	19	22	25	28	29	30
17	UW	1	Boise	83	86	92	99	106	113	120	135	151	167	183	200	204	209
18	UW	1	Boise	25	25	24	23	22	21	20	19	18	17	16	15	13	11
19	UW	1	Boise	244	252	266	282	298	314	331	363	397	431	467	503	514	525
20	UW	1	Boise	28	29	33	37	42	46	51	60	69	79	88	98	102	105
21	UW	1	Boise	115	118	125	133	140	148	156	173	191	209	227	247	250	254
22	UW	1	Boise	431	445	473	503	533	565	598	664	733	804	878	954	971	987
23	UW	1	Boise	0	0	5	11	17	23	29	40	52	63	76	88	93	99
24	UW	1	Boise	135	140	148	157	167	177	187	208	230	252	276	300	305	310
30	UW	1	Boise	684	706	705	704	703	702	699	695	691	685	679	672	674	676
31	UW	1	Boise	973	1,005	1,029	1,056	1,083	1,112	1,141	1,144	1,146	1,146	1,147	1,146	1,160	1,174
32	UW	1	Boise	2,922	3,017	3,078	3,149	3,218	3,291	3,364	3,370	3,373	3,373	3,371	3,367	3,405	3,442
33	UW	1	Boise	169	174	211	249	289	331	374	384	393	403	412	422	436	450
34	UW	1	Boise	429	443	469	496	525	555	585	591	596	601	605	609	621	633
35	UW	1	Boise	831	858	867	878	889	900	911	911	909	907	904	901	909	917
36	UW	1	Boise	310	320	336	353	371	389	408	411	414	416	419	421	428	436
37	UW	1	Boise	1,033	1,067	1,088	1,113	1,138	1,163	1,189	1,216	1,243	1,271	1,299	1,327	1,348	1,370
38	UW	1	Boise	1,977	2,041	2,130	2,228	2,328	2,432	2,539	2,556	2,572	2,585	2,598	2,609	2,652	2,695
39	UW	1	Boise	1,218	1,257	1,294	1,336	1,378	1,421	1,466	1,513	1,561	1,610	1,659	1,710	1,749	1,788
40	UW	1	Boise	1,058	1,092	1,118	1,148	1,177	1,208	1,239	1,272	1,306	1,340	1,374	1,409	1,435	1,462
41	UW	1	Boise	1,329	1,373	1,404	1,441	1,477	1,515	1,553	1,594	1,635	1,676	1,718	1,760	1,793	1,825
42	UW	1	Boise	973	1,005	1,036	1,072	1,108	1,146	1,184	1,225	1,267	1,310	1,353	1,398	1,431	1,466
43	UW	1	Boise	1,011	1,044	1,074	1,109	1,143	1,180	1,216	1,255	1,294	1,334	1,375	1,416	1,448	1,480
44	UW	1	Boise	943	974	996	1,021	1,046	1,072	1,097	1,125	1,153	1,181	1,209	1,238	1,260	1,282
45	UW	1	Boise	1,714	1,769	1,784	1,805	1,823	1,842	1,860	1,883	1,906	1,927	1,949	1,969	1,977	1,984
46	UW	1	Boise	1,370	1,415	1,432	1,454	1,474	1,496	1,517	1,539	1,560	1,581	1,602	1,622	1,638	1,652
47	UW	1	Boise	1,129	1,165	1,200	1,240	1,279	1,321	1,363	1,408	1,454	1,500	1,548	1,596	1,633	1,671
48	UW	1	Boise	2,762	2,852	2,863	2,881	2,896	2,911	2,924	2,937	2,947	2,955	2,961	2,966	2,968	2,968
49	UW	1	Boise	1,644	1,697	1,784	1,879	1,975	2,076	2,180	2,215	2,250	2,284	2,317	2,350	2,375	2,400

United Water - Idaho Service Area Population Forecast
by Ada County Traffic Analysis Zones (TAZ): 1999 to 2050

TAZ	United Water	Weight	Plng. Area or City	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
1	UW	1	Boise	668	678	687	705	722	740	758	776	795	814	832	852	871
2	UW	1	Boise	427	438	449	462	475	488	501	514	528	541	555	569	584
3	UW	1	Boise	483	492	501	514	528	542	555	569	584	598	612	627	642
4	UW	1	Boise	821	836	851	873	896	919	942	965	989	1,013	1,037	1,062	1,087
5	UW	1	Boise	391	400	410	422	433	445	457	469	482	494	507	520	533
6	UW	1	Boise	824	838	852	874	897	919	942	965	989	1,012	1,036	1,061	1,086
7	UW	1	Boise	55	57	59	61	63	65	67	69	71	73	75	77	79
8	UW	1	Boise	37	38	40	42	43	44	46	47	49	50	52	53	55
9	UW	1	Boise	332	345	359	371	382	394	406	418	430	443	455	468	481
10	UW	1	Boise	212	218	223	229	236	242	249	256	263	270	277	284	291
11	UW	1	Boise	626	642	657	676	694	713	732	751	771	790	810	831	851
12	UW	1	Boise	157	160	163	168	172	177	181	186	190	195	199	204	209
13	UW	1	Boise	94	96	97	99	100	102	103	104	106	107	109	110	112
14	UW	1	Boise	12	13	14	14	14	15	15	15	16	16	16	17	17
15	UW	1	Boise	54	56	58	59	61	63	65	67	69	71	73	75	78
16	UW	1	Boise	31	32	33	34	35	36	37	38	39	40	41	42	43
17	UW	1	Boise	213	217	221	227	233	239	245	251	258	264	270	277	283
18	UW	1	Boise	10	8	6	6	6	5	5	5	5	5	5	5	5
19	UW	1	Boise	536	547	559	571	584	597	610	623	636	650	663	677	691
20	UW	1	Boise	108	112	115	119	122	126	130	133	137	141	145	149	153
21	UW	1	Boise	258	261	265	272	278	285	292	300	307	314	321	329	336
22	UW	1	Boise	1,004	1,020	1,036	1,063	1,090	1,118	1,145	1,173	1,202	1,230	1,259	1,289	1,319
23	UW	1	Boise	104	110	115	119	123	127	131	135	139	144	148	152	157
24	UW	1	Boise	315	320	325	333	342	350	359	368	377	386	395	404	413
30	UW	1	Boise	677	678	678	688	697	706	715	724	733	742	751	760	770
31	UW	1	Boise	1,187	1,201	1,214	1,233	1,253	1,273	1,293	1,313	1,334	1,354	1,374	1,394	1,415
32	UW	1	Boise	3,478	3,514	3,548	3,604	3,660	3,716	3,772	3,828	3,884	3,941	3,997	4,054	4,111
33	UW	1	Boise	464	479	494	504	515	526	537	548	559	570	582	593	605
34	UW	1	Boise	645	657	668	681	693	705	718	731	743	756	768	781	794
35	UW	1	Boise	924	932	939	953	968	982	997	1,011	1,026	1,040	1,054	1,069	1,084
36	UW	1	Boise	443	451	458	466	473	481	489	497	505	513	521	529	537
37	UW	1	Boise	1,391	1,412	1,433	1,462	1,491	1,520	1,549	1,579	1,609	1,639	1,669	1,700	1,731
38	UW	1	Boise	2,738	2,780	2,822	2,881	2,941	3,001	3,061	3,122	3,183	3,245	3,307	3,370	3,434
39	UW	1	Boise	1,827	1,866	1,906	1,948	1,991	2,035	2,078	2,122	2,167	2,212	2,257	2,303	2,349
40	UW	1	Boise	1,489	1,515	1,542	1,574	1,607	1,641	1,674	1,708	1,742	1,777	1,811	1,846	1,882
41	UW	1	Boise	1,857	1,889	1,921	1,962	2,004	2,045	2,087	2,130	2,172	2,215	2,259	2,303	2,347
42	UW	1	Boise	1,500	1,535	1,570	1,605	1,640	1,676	1,712	1,749	1,786	1,823	1,861	1,899	1,938
43	UW	1	Boise	1,513	1,545	1,578	1,613	1,648	1,684	1,720	1,756	1,793	1,830	1,867	1,906	1,944
44	UW	1	Boise	1,304	1,326	1,347	1,375	1,403	1,432	1,460	1,489	1,518	1,548	1,577	1,607	1,637
45	UW	1	Boise	1,990	1,994	1,998	2,032	2,067	2,101	2,136	2,171	2,206	2,241	2,276	2,311	2,347
46	UW	1	Boise	1,666	1,679	1,692	1,724	1,756	1,788	1,820	1,853	1,886	1,919	1,952	1,985	2,019
47	UW	1	Boise	1,708	1,746	1,784	1,824	1,864	1,904	1,944	1,986	2,027	2,069	2,111	2,154	2,197
48	UW	1	Boise	2,966	2,962	2,955	3,003	3,051	3,099	3,147	3,196	3,244	3,292	3,341	3,390	3,439
49	UW	1	Boise	2,423	2,445	2,466	2,516	2,565	2,615	2,665	2,715	2,766	2,817	2,868	2,920	2,972

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TAZ	United Water	Weight	Plng. Area or City	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038
1	UW	1	Boise	900	936	973	1,012	1,053	1,095	1,139	1,184	1,232	1,281	1,332	1,386	1,441
2	UW	1	Boise	599	623	648	674	701	729	758	788	820	853	887	922	959
3	UW	1	Boise	670	697	725	754	784	815	848	882	917	954	992	1,031	1,073
4	UW	1	Boise	1,114	1,142	1,170	1,199	1,229	1,259	1,290	1,322	1,355	1,389	1,423	1,459	1,495
5	UW	1	Boise	560	582	606	630	655	681	709	737	766	797	829	862	897
6	UW	1	Boise	1,112	1,139	1,167	1,196	1,225	1,255	1,286	1,317	1,350	1,383	1,417	1,451	1,487
7	UW	1	Boise	88	92	95	99	103	107	111	116	120	125	130	135	141
8	UW	1	Boise	60	62	65	67	70	73	76	79	83	87	91	96	101
9	UW	1	Boise	496	511	526	541	557	574	591	609	627	646	665	685	706
10	UW	1	Boise	299	307	315	324	332	341	350	360	378	397	417	437	459
11	UW	1	Boise	874	896	920	944	969	994	1,020	1,047	1,074	1,102	1,131	1,161	1,191
12	UW	1	Boise	214	223	232	241	251	261	271	282	293	305	317	330	343
13	UW	1	Boise	113	118	123	127	133	138	143	149	155	161	168	174	181
14	UW	1	Boise	20	21	22	22	23	24	25	26	27	28	30	31	32
15	UW	1	Boise	82	85	89	92	96	100	104	108	112	117	121	126	131
16	UW	1	Boise	48	50	52	54	56	58	61	63	66	68	71	74	77
17	UW	1	Boise	293	305	317	330	343	357	371	386	402	418	434	452	470
18	UW	1	Boise	7	7	8	8	8	9	9	9	10	10	10	11	11
19	UW	1	Boise	722	738	753	770	786	803	821	838	856	875	894	913	933
20	UW	1	Boise	176	183	190	198	206	214	223	232	241	251	261	271	282
21	UW	1	Boise	345	358	373	388	403	419	436	454	472	491	510	531	552
22	UW	1	Boise	1,351	1,384	1,418	1,452	1,487	1,524	1,561	1,599	1,638	1,678	1,719	1,761	1,804
23	UW	1	Boise	162	168	175	182	189	197	205	213	222	230	240	249	259
24	UW	1	Boise	423	440	458	476	495	515	535	557	579	602	626	651	677
30	UW	1	Boise	779	789	799	809	820	830	841	851	862	873	884	895	907
31	UW	1	Boise	1,436	1,459	1,481	1,504	1,527	1,551	1,575	1,599	1,624	1,649	1,674	1,700	1,726
32	UW	1	Boise	4,172	4,234	4,296	4,360	4,425	4,490	4,557	4,625	4,693	4,763	4,833	4,905	4,978
33	UW	1	Boise	620	645	671	697	725	754	784	816	849	882	918	954	993
34	UW	1	Boise	808	840	874	909	945	983	1,022	1,063	1,106	1,150	1,196	1,244	1,294
35	UW	1	Boise	1,099	1,115	1,131	1,148	1,164	1,181	1,198	1,215	1,233	1,251	1,269	1,287	1,306
36	UW	1	Boise	550	572	595	619	643	669	696	724	753	783	814	847	881
37	UW	1	Boise	1,764	1,797	1,832	1,867	1,902	1,939	1,976	2,013	2,052	2,091	2,131	2,171	2,213
38	UW	1	Boise	3,502	3,571	3,642	3,714	3,787	3,862	3,939	4,017	4,096	4,178	4,260	4,345	4,431
39	UW	1	Boise	2,399	2,450	2,502	2,555	2,609	2,664	2,720	2,778	2,836	2,896	2,958	3,020	3,084
40	UW	1	Boise	1,920	1,959	1,998	2,038	2,079	2,121	2,164	2,208	2,252	2,297	2,344	2,391	2,439
41	UW	1	Boise	2,395	2,443	2,493	2,543	2,595	2,647	2,701	2,755	2,811	2,868	2,926	2,985	3,046
42	UW	1	Boise	1,979	2,021	2,064	2,108	2,153	2,199	2,246	2,293	2,342	2,392	2,443	2,495	2,548
43	UW	1	Boise	1,985	2,027	2,070	2,113	2,158	2,203	2,250	2,297	2,346	2,395	2,446	2,497	2,550
44	UW	1	Boise	1,670	1,703	1,736	1,770	1,805	1,841	1,877	1,914	1,952	1,990	2,030	2,070	2,110
45	UW	1	Boise	2,385	2,424	2,463	2,503	2,544	2,585	2,628	2,670	2,714	2,758	2,803	2,848	2,894
46	UW	1	Boise	2,055	2,092	2,129	2,167	2,206	2,245	2,285	2,326	2,367	2,410	2,453	2,496	2,541
47	UW	1	Boise	2,243	2,291	2,339	2,388	2,438	2,490	2,542	2,596	2,650	2,706	2,763	2,821	2,881
48	UW	1	Boise	3,492	3,545	3,599	3,654	3,710	3,767	3,824	3,883	3,942	4,002	4,063	4,126	4,189
49	UW	1	Boise	3,028	3,085	3,143	3,202	3,262	3,324	3,386	3,450	3,515	3,581	3,648	3,717	3,787

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TAZ	United Water	Weight	Plng. Area or City	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	Abs. Chg. 2000 - 2050
1	UW	1	Boise	1,499	1,559	1,621	1,686	1,753	1,823	1,896	1,972	2,051	2,133	2,218	2,307	1,998
2	UW	1	Boise	998	1,037	1,079	1,122	1,167	1,219	1,274	1,332	1,392	1,454	1,520	1,588	1,451
3	UW	1	Boise	1,116	1,160	1,207	1,255	1,305	1,357	1,412	1,468	1,527	1,588	1,651	1,717	1,518
4	UW	1	Boise	1,532	1,570	1,609	1,649	1,690	1,732	1,775	1,819	1,864	1,910	1,957	2,006	1,660
5	UW	1	Boise	932	970	1,009	1,049	1,091	1,134	1,180	1,227	1,276	1,327	1,380	1,435	1,303
6	UW	1	Boise	1,523	1,561	1,599	1,638	1,678	1,719	1,762	1,805	1,849	1,894	1,941	1,988	1,632
7	UW	1	Boise	147	152	158	165	171	181	190	201	212	223	235	248	236
8	UW	1	Boise	106	111	117	121	126	133	140	148	156	164	173	182	180
9	UW	1	Boise	727	749	771	794	817	862	908	957	1,009	1,063	1,121	1,181	1,133
10	UW	1	Boise	482	506	532	546	561	591	623	657	692	729	769	810	743
11	UW	1	Boise	1,222	1,254	1,287	1,321	1,355	1,391	1,427	1,465	1,503	1,542	1,583	1,624	1,409
12	UW	1	Boise	357	371	386	401	417	440	464	489	515	543	572	603	542
13	UW	1	Boise	189	196	204	212	221	233	245	259	272	287	303	319	259
14	UW	1	Boise	33	35	36	37	39	41	43	46	48	51	53	56	56
15	UW	1	Boise	137	142	148	154	160	168	177	187	197	208	219	231	219
16	UW	1	Boise	80	83	86	90	93	99	104	109	115	122	128	135	129
17	UW	1	Boise	489	508	528	550	572	602	635	669	705	743	784	826	740
18	UW	1	Boise	12	12	13	13	14	14	15	16	17	18	19	20	(6)
19	UW	1	Boise	953	973	994	1,016	1,037	1,060	1,083	1,106	1,130	1,154	1,179	1,204	953
20	UW	1	Boise	293	305	317	330	343	357	371	386	401	417	434	451	423
21	UW	1	Boise	574	597	621	646	671	698	726	755	785	817	849	883	765
22	UW	1	Boise	1,847	1,893	1,939	1,986	2,034	2,084	2,135	2,187	2,240	2,295	2,351	2,408	1,963
23	UW	1	Boise	270	280	292	303	315	332	350	369	389	410	432	456	456
24	UW	1	Boise	704	733	762	792	824	869	916	965	1,017	1,072	1,130	1,191	1,051
30	UW	1	Boise	918	930	942	953	966	1,018	1,073	1,131	1,192	1,256	1,324	1,395	689
31	UW	1	Boise	1,753	1,780	1,808	1,836	1,864	1,893	1,922	1,952	1,982	2,012	2,044	2,075	1,070
32	UW	1	Boise	5,051	5,126	5,202	5,279	5,358	5,437	5,518	5,600	5,683	5,767	5,852	5,939	2,922
33	UW	1	Boise	1,032	1,074	1,117	1,161	1,208	1,256	1,306	1,358	1,413	1,469	1,528	1,589	1,415
34	UW	1	Boise	1,345	1,399	1,455	1,513	1,574	1,637	1,702	1,771	1,841	1,915	1,992	2,071	1,628
35	UW	1	Boise	1,325	1,344	1,363	1,383	1,403	1,423	1,444	1,465	1,486	1,507	1,529	1,551	694
36	UW	1	Boise	916	952	991	1,030	1,071	1,114	1,159	1,205	1,253	1,303	1,356	1,410	1,089
37	UW	1	Boise	2,255	2,298	2,342	2,386	2,432	2,478	2,525	2,574	2,623	2,673	2,724	2,776	1,709
38	UW	1	Boise	4,518	4,608	4,699	4,792	4,887	4,984	5,083	5,183	5,286	5,391	5,497	5,606	3,565
39	UW	1	Boise	3,149	3,216	3,284	3,353	3,424	3,496	3,570	3,646	3,723	3,802	3,882	3,964	2,707
40	UW	1	Boise	2,488	2,538	2,590	2,642	2,695	2,749	2,805	2,861	2,919	2,978	3,038	3,099	2,006
41	UW	1	Boise	3,107	3,170	3,234	3,300	3,366	3,434	3,504	3,575	3,647	3,721	3,796	3,873	2,500
42	UW	1	Boise	2,602	2,658	2,714	2,772	2,831	2,892	2,953	3,016	3,080	3,146	3,213	3,281	2,277
43	UW	1	Boise	2,604	2,659	2,715	2,772	2,830	2,890	2,951	3,013	3,077	3,142	3,208	3,276	2,232
44	UW	1	Boise	2,152	2,194	2,238	2,282	2,327	2,373	2,419	2,467	2,516	2,565	2,616	2,667	1,693
45	UW	1	Boise	2,941	2,989	3,038	3,087	3,137	3,188	3,240	3,293	3,346	3,401	3,456	3,512	1,743
46	UW	1	Boise	2,586	2,632	2,679	2,727	2,776	2,825	2,875	2,927	2,979	3,032	3,086	3,141	1,726
47	UW	1	Boise	2,941	3,003	3,066	3,131	3,197	3,264	3,333	3,403	3,475	3,548	3,622	3,699	2,533
48	UW	1	Boise	4,253	4,318	4,384	4,450	4,518	4,588	4,658	4,729	4,801	4,874	4,949	5,025	2,172
49	UW	1	Boise	3,858	3,931	4,005	4,080	4,157	4,235	4,315	4,396	4,479	4,563	4,649	4,736	3,039

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TAZ	United Water	Weight	Plng. Area or City	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
50	UW	1	Boise	11	12	39	69	100	132	165	200	237	275	314	354	393	433
51	UW	1	Boise	16	17	95	179	266	357	451	555	663	775	891	1,011	1,110	1,212
52	UW	1	Unicorp.	540	557	589	624	659	697	735	775	817	860	904	950	985	1,021
53	UW	1	Unicorp.	11	12	124	243	367	497	632	703	776	851	929	1,009	1,072	1,136
54	UW	1	Boise	737	761	789	819	850	882	915	950	985	1,021	1,058	1,096	1,125	1,155
55	UW	1	Boise	584	603	627	655	683	712	742	774	806	839	873	908	935	962
56	UW	1	Boise	1,908	1,970	2,031	2,100	2,169	2,242	2,315	2,318	2,318	2,316	2,313	2,308	2,303	2,295
57	UW	1	Boise	1,122	1,158	1,169	1,184	1,198	1,213	1,226	1,241	1,255	1,268	1,281	1,294	1,303	1,312
58	UW	1	Boise	657	678	688	701	713	725	738	751	764	776	789	801	811	820
59	UW	1	Boise	1,234	1,274	1,285	1,300	1,313	1,327	1,340	1,354	1,367	1,379	1,391	1,402	1,411	1,418
60	UW	1	Boise	1,380	1,424	1,456	1,493	1,530	1,568	1,606	1,648	1,689	1,731	1,774	1,817	1,850	1,884
61	UW	1	Boise	76	78	105	135	165	196	229	265	302	340	379	420	452	484
62	UW	1	Boise	3	3	3	3	3	3	3	4	4	4	4	4	4	5
63	UW	1	Boise	4,959	5,120	5,357	5,616	5,880	6,157	6,440	6,647	6,858	7,071	7,290	7,514	7,728	7,946
64	UW	1	Boise	36	37	116	200	287	379	474	501	529	557	586	616	639	662
70	UW	1	Boise	168	173	169	165	160	155	149	144	138	132	125	118	113	108
71	UW	1	Boise	4	4	4	4	4	4	4	4	4	4	4	3	3	3
72	UW	1	Boise	0	0	0	0	0	0	0	0	0	0	0	0	0	0
73	UW	1	Boise	31	32	31	31	30	30	29	29	28	27	27	26	25	24
74	UW	1	Unicorp.	7	7	7	7	7	7	7	6	6	6	6	6	5	5
75	UW	1	Boise	31	32	31	30	29	28	28	27	26	25	24	22	21	20
76	UW	1	Boise	527	545	532	521	507	494	479	462	444	425	405	384	368	352
77	UW	1	Boise	1,335	1,378	1,408	1,443	1,477	1,513	1,549	1,595	1,641	1,687	1,734	1,782	1,847	1,913
78	UW	1	Boise	648	669	686	705	723	743	763	787	812	837	863	889	923	958
79	UW	1	Boise	113	116	113	110	106	103	99	95	91	87	83	79	75	72
80	UW	1	Boise	202	208	201	193	184	175	166	157	147	137	127	116	107	99
81	UW	1	Boise	1,251	1,291	1,324	1,362	1,399	1,438	1,477	1,526	1,575	1,624	1,675	1,727	1,793	1,862
82	UW	1	Boise	2,251	2,324	2,357	2,395	2,432	2,471	2,510	2,559	2,609	2,659	2,711	2,763	2,833	2,905
83	UW	1	Boise	1,463	1,510	1,544	1,582	1,620	1,660	1,700	1,749	1,798	1,849	1,900	1,953	2,019	2,086
84	UW	1	Boise	1,135	1,172	1,208	1,249	1,290	1,333	1,376	1,429	1,482	1,537	1,593	1,649	1,721	1,794
85	UW	1	Boise	1,394	1,439	1,462	1,490	1,517	1,545	1,573	1,610	1,648	1,685	1,723	1,761	1,817	1,875
86	UW	1	Boise	1,438	1,485	1,524	1,569	1,613	1,659	1,706	1,764	1,823	1,883	1,944	2,005	2,086	2,168
87	UW	1	Boise	2,767	2,857	2,916	2,985	3,052	3,122	3,192	3,282	3,373	3,464	3,557	3,651	3,780	3,912
88	UW	1	Boise	593	612	626	641	657	673	689	709	730	751	772	793	822	852
89	UW	1	Boise	1,320	1,363	1,395	1,432	1,469	1,507	1,545	1,594	1,643	1,693	1,743	1,794	1,863	1,933
90	UW	1	Boise	829	856	883	915	946	979	1,013	1,053	1,094	1,135	1,178	1,221	1,276	1,331
91	UW	1	Boise	843	870	902	937	973	1,010	1,047	1,093	1,139	1,185	1,233	1,282	1,342	1,402
92	UW	1	Boise	667	688	701	717	732	747	763	783	804	824	845	866	896	926
93	UW	1	Boise	1,672	1,726	1,760	1,801	1,840	1,882	1,923	1,976	2,030	2,083	2,138	2,193	2,271	2,350
94	UW	1	Boise	1,947	2,010	2,056	2,109	2,161	2,215	2,270	2,339	2,408	2,479	2,550	2,622	2,721	2,821
100	UW	1	Boise	1,164	1,201	1,203	1,207	1,209	1,212	1,213	1,229	1,245	1,260	1,275	1,290	1,291	1,291
101	UW	1	Boise	209	216	206	197	187	177	165	162	159	155	151	147	143	139

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TAZ	United Water	Weight	Plng. Area or City	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
50	UW	1	Boise	474	517	560	580	599	618	638	658	679	700	721	742	764
51	UW	1	Boise	1,316	1,424	1,535	1,584	1,634	1,685	1,737	1,789	1,842	1,896	1,950	2,006	2,062
52	UW	1	Unicorp.	1,057	1,095	1,132	1,161	1,191	1,221	1,251	1,282	1,312	1,344	1,375	1,407	1,440
53	UW	1	Unicorp.	1,201	1,268	1,336	1,379	1,423	1,467	1,511	1,557	1,603	1,649	1,696	1,744	1,793
54	UW	1	Boise	1,185	1,215	1,245	1,274	1,303	1,333	1,362	1,392	1,423	1,453	1,484	1,516	1,547
55	UW	1	Boise	990	1,018	1,046	1,071	1,097	1,122	1,148	1,175	1,201	1,228	1,255	1,282	1,310
56	UW	1	Boise	2,286	2,275	2,262	2,298	2,334	2,370	2,406	2,442	2,478	2,514	2,550	2,587	2,623
57	UW	1	Boise	1,320	1,327	1,334	1,358	1,383	1,407	1,432	1,457	1,482	1,507	1,532	1,558	1,583
58	UW	1	Boise	829	838	846	863	880	897	914	931	948	965	983	1,000	1,018
59	UW	1	Boise	1,425	1,432	1,437	1,463	1,488	1,514	1,540	1,566	1,592	1,618	1,644	1,671	1,697
60	UW	1	Boise	1,917	1,950	1,984	2,023	2,062	2,102	2,142	2,182	2,223	2,264	2,305	2,348	2,390
61	UW	1	Boise	518	552	587	607	626	647	667	688	709	730	752	774	796
62	UW	1	Boise	5	5	5	5	5	5	5	5	5	5	5	5	5
63	UW	1	Boise	8,168	8,394	8,623	8,792	8,963	9,135	9,309	9,485	9,662	9,840	10,021	10,205	10,390
64	UW	1	Boise	686	710	734	755	776	798	820	842	864	886	909	932	955
70	UW	1	Boise	102	96	89	88	88	87	86	85	84	83	82	81	80
71	UW	1	Boise	3	3	3	3	3	3	3	2	2	2	2	1	1
72	UW	1	Boise	0	0	0	0	0	0	0	0	0	0	0	0	0
73	UW	1	Boise	24	23	22	22	22	22	22	22	22	22	22	22	22
74	UW	1	Unicorp.	4	4	3	3	3	3	3	4	4	4	4	4	4
75	UW	1	Boise	19	18	16	16	16	17	17	17	17	17	17	18	18
76	UW	1	Boise	334	316	297	296	296	295	295	294	293	292	291	289	288
77	UW	1	Boise	1,980	2,049	2,118	2,166	2,214	2,262	2,311	2,360	2,410	2,460	2,511	2,562	2,614
78	UW	1	Boise	993	1,029	1,066	1,089	1,113	1,137	1,161	1,186	1,210	1,235	1,260	1,286	1,312
79	UW	1	Boise	68	64	60	60	59	58	58	57	57	57	57	57	57
80	UW	1	Boise	90	80	70	68	66	64	62	60	60	60	60	60	60
81	UW	1	Boise	1,931	2,002	2,075	2,121	2,169	2,217	2,265	2,314	2,363	2,413	2,463	2,514	2,566
82	UW	1	Boise	2,978	3,053	3,129	3,181	3,233	3,286	3,339	3,393	3,448	3,503	3,558	3,614	3,671
83	UW	1	Boise	2,155	2,226	2,298	2,343	2,389	2,436	2,482	2,530	2,578	2,626	2,675	2,724	2,775
84	UW	1	Boise	1,868	1,944	2,022	2,071	2,120	2,170	2,221	2,272	2,323	2,375	2,428	2,481	2,535
85	UW	1	Boise	1,934	1,993	2,054	2,098	2,144	2,189	2,235	2,281	2,328	2,375	2,422	2,471	2,519
86	UW	1	Boise	2,252	2,338	2,425	2,483	2,540	2,599	2,658	2,718	2,778	2,839	2,900	2,962	3,026
87	UW	1	Boise	4,047	4,183	4,322	4,418	4,516	4,614	4,712	4,812	4,913	5,015	5,117	5,222	5,327
88	UW	1	Boise	882	913	945	966	988	1,010	1,032	1,055	1,077	1,100	1,123	1,147	1,170
89	UW	1	Boise	2,004	2,077	2,151	2,201	2,251	2,302	2,353	2,405	2,457	2,510	2,563	2,618	2,672
90	UW	1	Boise	1,388	1,446	1,505	1,542	1,580	1,617	1,656	1,694	1,734	1,773	1,813	1,854	1,895
91	UW	1	Boise	1,464	1,528	1,593	1,632	1,671	1,711	1,751	1,791	1,832	1,874	1,916	1,959	2,002
92	UW	1	Boise	956	988	1,019	1,042	1,065	1,088	1,111	1,135	1,158	1,182	1,206	1,231	1,256
93	UW	1	Boise	2,430	2,512	2,595	2,654	2,713	2,773	2,833	2,894	2,955	3,017	3,080	3,143	3,207
94	UW	1	Boise	2,923	3,027	3,133	3,205	3,278	3,351	3,425	3,500	3,576	3,652	3,729	3,807	3,886
100	UW	1	Boise	1,290	1,289	1,286	1,308	1,330	1,352	1,375	1,397	1,420	1,442	1,465	1,488	1,511
101	UW	1	Boise	134	129	124	125	126	127	128	128	129	130	131	131	132

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TAZ	United Water	Weight	Plng. Area or City	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038
50	UW	1	Boise	788	813	839	865	893	921	950	980	1,010	1,042	1,075	1,109	1,144
51	UW	1	Boise	2,124	2,188	2,253	2,321	2,391	2,462	2,536	2,612	2,690	2,771	2,854	2,940	3,028
52	UW	1	Unicorp.	1,475	1,511	1,548	1,585	1,624	1,664	1,704	1,746	1,788	1,832	1,876	1,922	1,969
53	UW	1	Unicorp.	1,846	1,902	1,958	2,017	2,077	2,139	2,203	2,268	2,336	2,406	2,477	2,551	2,628
54	UW	1	Boise	1,581	1,616	1,651	1,688	1,725	1,763	1,801	1,841	1,881	1,923	1,965	2,008	2,052
55	UW	1	Boise	1,340	1,371	1,402	1,434	1,467	1,500	1,534	1,569	1,605	1,642	1,679	1,717	1,756
56	UW	1	Boise	2,662	2,702	2,742	2,783	2,825	2,867	2,910	2,953	2,998	3,042	3,088	3,134	3,181
57	UW	1	Boise	1,611	1,638	1,667	1,696	1,725	1,755	1,785	1,816	1,847	1,879	1,912	1,945	1,978
58	UW	1	Boise	1,037	1,057	1,076	1,096	1,117	1,138	1,159	1,180	1,202	1,225	1,248	1,271	1,295
59	UW	1	Boise	1,726	1,755	1,784	1,814	1,845	1,875	1,907	1,939	1,971	2,005	2,038	2,072	2,107
60	UW	1	Boise	2,435	2,481	2,527	2,575	2,623	2,673	2,723	2,774	2,827	2,880	2,934	2,989	3,045
61	UW	1	Boise	821	846	873	900	928	956	986	1,016	1,048	1,080	1,114	1,148	1,184
62	UW	1	Boise	8	8	9	9	10	10	11	11	12	12	13	14	14
63	UW	1	Boise	10,586	10,785	10,988	11,195	11,405	11,620	11,839	12,062	12,289	12,520	12,756	12,996	13,240
64	UW	1	Boise	980	1,007	1,033	1,061	1,089	1,118	1,148	1,179	1,210	1,242	1,275	1,309	1,344
70	UW	1	Boise	84	87	91	94	98	102	106	111	115	120	124	129	134
71	UW	1	Boise	3	3	3	3	4	4	4	4	4	5	5	5	5
72	UW	1	Boise	2	2	4	5	5	5	6	7	8	9	10	11	12
73	UW	1	Boise	27	28	30	31	33	34	36	38	40	42	44	46	48
74	UW	1	Unicorp.	7	7	8	8	9	9	9	10	10	11	11	12	13
75	UW	1	Boise	22	23	24	25	27	28	29	31	33	34	36	38	40
76	UW	1	Boise	300	309	318	328	338	348	358	369	380	391	403	423	445
77	UW	1	Boise	2,670	2,727	2,785	2,844	2,904	2,966	3,029	3,094	3,159	3,227	3,295	3,365	3,437
78	UW	1	Boise	1,339	1,368	1,396	1,426	1,456	1,486	1,517	1,549	1,582	1,615	1,649	1,684	1,719
79	UW	1	Boise	64	67	71	74	78	82	86	90	95	99	104	111	117
80	UW	1	Boise	65	68	72	75	79	83	87	91	96	101	106	112	119
81	UW	1	Boise	2,621	2,678	2,735	2,794	2,854	2,915	2,978	3,042	3,107	3,174	3,242	3,312	3,383
82	UW	1	Boise	3,730	3,791	3,852	3,914	3,977	4,041	4,106	4,172	4,239	4,308	4,377	4,448	4,519
83	UW	1	Boise	2,827	2,881	2,936	2,992	3,049	3,107	3,166	3,226	3,287	3,350	3,414	3,479	3,545
84	UW	1	Boise	2,593	2,653	2,713	2,775	2,839	2,904	2,970	3,038	3,108	3,179	3,252	3,326	3,402
85	UW	1	Boise	2,571	2,625	2,679	2,734	2,791	2,848	2,907	2,967	3,028	3,091	3,155	3,220	3,286
86	UW	1	Boise	3,093	3,162	3,233	3,305	3,379	3,455	3,532	3,611	3,692	3,775	3,859	3,945	4,034
87	UW	1	Boise	5,439	5,554	5,672	5,791	5,914.	6,039	6,166	6,296	6,429	6,565	6,704	6,845	6,990
88	UW	1	Boise	1,196	1,221	1,248	1,275	1,302	1,331	1,359	1,389	1,419	1,450	1,481	1,513	1,546
89	UW	1	Boise	2,731	2,791	2,852	2,915	2,979	3,044	3,111	3,179	3,249	3,320	3,393	3,467	3,543
90	UW	1	Boise	1,939	1,984	2,030	2,078	2,126	2,176	2,226	2,278	2,331	2,386	2,441	2,498	2,557
91	UW	1	Boise	2,048	2,095	2,144	2,193	2,244	2,296	2,349	2,403	2,459	2,516	2,574	2,633	2,694
92	UW	1	Boise	1,282	1,309	1,337	1,365	1,394	1,423	1,453	1,484	1,515	1,547	1,579	1,613	1,647
93	UW	1	Boise	3,276	3,346	3,418	3,491	3,566	3,642	3,720	3,800	3,881	3,964	4,049	4,136	4,224
94	UW	1	Boise	3,971	4,057	4,145	4,236	4,328	4,422	4,518	4,617	4,717	4,820	4,925	5,032	5,142
100	UW	1	Boise	1,536	1,561	1,586	1,612	1,638	1,665	1,692	1,720	1,748	1,776	1,805	1,834	1,864
101	UW	1	Boise	144	151	159	167	175	184	193	203	213	223	235	246	259

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TAZ	United Water	Weight	Plng. Area or City	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	Abs. Chg. 2000 - 2050
50	UW	1	Boise	1,180	1,217	1,255	1,295	1,336	1,378	1,421	1,466	1,512	1,560	1,609	1,660	1,648
51	UW	1	Boise	3,119	3,212	3,309	3,408	3,510	3,616	3,724	3,836	3,951	4,069	4,191	4,317	4,300
52	UW	1	Unicorp.	2,016	2,066	2,116	2,167	2,220	2,274	2,330	2,386	2,444	2,504	2,565	2,627	2,070
53	UW	1	Unicorp.	2,706	2,787	2,870	2,955	3,044	3,134	3,228	3,324	3,423	3,525	3,631	3,739	3,727
54	UW	1	Boise	2,097	2,143	2,190	2,238	2,287	2,338	2,389	2,441	2,495	2,550	2,606	2,663	1,901
55	UW	1	Boise	1,796	1,837	1,879	1,922	1,966	2,011	2,056	2,103	2,151	2,200	2,250	2,302	1,699
56	UW	1	Boise	3,228	3,276	3,325	3,375	3,425	3,477	3,528	3,581	3,635	3,689	3,744	3,800	1,830
57	UW	1	Boise	2,012	2,047	2,082	2,118	2,155	2,192	2,230	2,269	2,308	2,348	2,388	2,430	1,272
58	UW	1	Boise	1,319	1,343	1,368	1,394	1,420	1,446	1,473	1,501	1,529	1,557	1,586	1,616	938
59	UW	1	Boise	2,142	2,178	2,215	2,252	2,290	2,328	2,367	2,407	2,448	2,489	2,530	2,573	1,299
60	UW	1	Boise	3,103	3,161	3,220	3,281	3,343	3,406	3,470	3,535	3,601	3,669	3,738	3,809	2,384
61	UW	1	Boise	1,221	1,258	1,297	1,338	1,379	1,422	1,466	1,511	1,558	1,606	1,656	1,707	1,629
62	UW	1	Boise	15	16	17	17	18	19	20	21	22	23	25	26	23
63	UW	1	Boise	13,490	13,744	14,002	14,266	14,534	14,808	15,087	15,371	15,660	15,955	16,255	16,561	11,441
64	UW	1	Boise	1,380	1,417	1,455	1,493	1,533	1,574	1,616	1,659	1,703	1,749	1,795	1,843	1,806
70	UW	1	Boise	140	145	151	157	164	170	177	184	191	199	207	215	42
71	UW	1	Boise	6	6	6	7	7	7	8	8	8	9	9	10	5
72	UW	1	Boise	13	14	15	16	17	18	19	20	21	22	23	24	24
73	UW	1	Boise	51	53	56	59	62	65	68	72	75	79	83	87	55
74	UW	1	Unicorp.	13	14	15	15	16	17	18	19	20	20	22	23	15
75	UW	1	Boise	43	45	48	51	54	57	61	64	67	70	74	77	46
76	UW	1	Boise	467	490	515	540	567	596	625	644	664	683	704	725	180
77	UW	1	Boise	3,510	3,585	3,661	3,739	3,818	3,899	3,982	4,067	4,153	4,242	4,332	4,424	3,046
78	UW	1	Boise	1,755	1,792	1,830	1,868	1,907	1,947	1,988	2,030	2,073	2,116	2,161	2,206	1,537
79	UW	1	Boise	124	132	140	148	157	166	176	185	194	204	214	225	108
80	UW	1	Boise	126	134	142	150	159	169	179	188	197	207	217	228	20
81	UW	1	Boise	3,456	3,530	3,606	3,684	3,763	3,844	3,926	4,011	4,097	4,185	4,275	4,367	3,076
82	UW	1	Boise	4,592	4,666	4,741	4,818	4,895	4,974	5,054	5,136	5,219	5,303	5,388	5,475	3,151
83	UW	1	Boise	3,612	3,681	3,751	3,823	3,895	3,969	4,045	4,122	4,200	4,280	4,362	4,445	2,935
84	UW	1	Boise	3,480	3,560	3,641	3,724	3,809	3,897	3,986	4,077	4,170	4,266	4,363	4,463	3,291
85	UW	1	Boise	3,354	3,423	3,494	3,566	3,640	3,715	3,792	3,870	3,950	4,032	4,115	4,200	2,761
86	UW	1	Boise	4,124	4,216	4,310	4,407	4,505	4,606	4,709	4,814	4,922	5,032	5,145	5,260	3,775
87	UW	1	Boise	7,138	7,288	7,442	7,599	7,760	7,924	8,091	8,262	8,437	8,615	8,797	8,982	6,125
88	UW	1	Boise	1,579	1,613	1,648	1,684	1,720	1,758	1,796	1,834	1,874	1,915	1,956	1,998	1,386
89	UW	1	Boise	3,621	3,700	3,781	3,864	3,949	4,036	4,124	4,215	4,307	4,402	4,498	4,597	3,234
90	UW	1	Boise	2,616	2,677	2,740	2,803	2,869	2,936	3,004	3,074	3,146	3,219	3,294	3,371	2,515
91	UW	1	Boise	2,757	2,820	2,886	2,952	3,021	3,090	3,162	3,235	3,310	3,386	3,465	3,545	2,674
92	UW	1	Boise	1,681	1,717	1,753	1,790	1,828	1,866	1,906	1,946	1,987	2,029	2,071	2,115	1,427
93	UW	1	Boise	4,315	4,407	4,502	4,598	4,696	4,797	4,900	5,005	5,112	5,221	5,333	5,447	3,721
94	UW	1	Boise	5,254	5,368	5,485	5,604	5,726	5,851	5,978	6,109	6,242	6,378	6,516	6,658	4,648
100	UW	1	Boise	1,894	1,925	1,956	1,988	2,020	2,053	2,087	2,121	2,155	2,190	2,226	2,262	1,061
101	UW	1	Boise	272	285	299	314	330	347	364	382	401	421	442	464	249

John Church
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United Water - Idaho Service Area Population Forecast
by Ada County Traffic Analysis Zones (TAZ): 1999 to 2050

TAZ	United Water	Weight	Plng. Area or City	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
102	UW	1	Boise	252	260	261	262	263	264	265	267	268	268	269	270	268	266
103	UW	1	Boise	2,370	2,447	2,446	2,452	2,453	2,455	2,455	2,484	2,512	2,539	2,566	2,592	2,591	2,587
104	UW	1	Boise	541	558	562	568	573	579	584	590	596	602	607	612	611	609
105	UW	1	Boise	1,102	1,138	1,140	1,144	1,147	1,151	1,153	1,173	1,193	1,213	1,232	1,252	1,257	1,260
106	UW	1	Boise	842	869	870	873	874	876	877	887	897	906	916	925	924	922
107	UW	1	Boise	586	605	607	610	612	615	617	620	623	625	627	628	624	618
108	UW	1	Boise	749	773	777	783	788	793	797	803	809	814	818	822	818	813
109	UW	1	Boise	1,489	1,538	1,542	1,550	1,556	1,562	1,568	1,584	1,599	1,613	1,627	1,641	1,638	1,633
110	UW	1	Boise	1,490	1,539	1,540	1,546	1,549	1,552	1,554	1,566	1,578	1,588	1,598	1,607	1,601	1,594
111	UW	1	Boise	2,823	2,914	2,919	2,930	2,938	2,945	2,951	2,998	3,044	3,090	3,136	3,181	3,191	3,198
112	UW	1	Boise	1,826	1,886	1,891	1,902	1,910	1,919	1,926	1,936	1,944	1,951	1,957	1,961	1,949	1,934
113	UW	1	Boise	1,531	1,581	1,590	1,604	1,615	1,628	1,639	1,652	1,665	1,677	1,688	1,699	1,693	1,685
114	UW	1	Boise	2,403	2,481	2,484	2,494	2,500	2,507	2,511	2,552	2,592	2,632	2,672	2,711	2,719	2,724
115	UW	1	Boise	1,250	1,290	1,297	1,308	1,317	1,326	1,335	1,351	1,367	1,382	1,397	1,411	1,410	1,409
116	UW	1	Boise	1,167	1,204	1,204	1,207	1,208	1,209	1,208	1,226	1,243	1,260	1,276	1,293	1,294	1,295
117	UW	1	Boise	1,649	1,703	1,701	1,703	1,702	1,702	1,699	1,723	1,747	1,770	1,793	1,815	1,818	1,819
118	UW	1	Boise	862	890	898	907	916	925	934	945	955	964	974	983	982	980
119	UW	1	Boise	435	449	458	469	479	489	500	512	524	536	548	560	565	569
120	UW	1	Boise	1,480	1,528	1,525	1,526	1,524	1,522	1,519	1,516	1,512	1,507	1,500	1,492	1,475	1,455
121	UW	1	Boise	1,781	1,839	1,838	1,841	1,842	1,843	1,841	1,850	1,858	1,863	1,869	1,873	1,860	1,846
122	UW	1	Boise	770	795	800	807	812	818	824	889	957	1,027	1,099	1,174	1,220	1,267
123	UW	1	Boise	3,366	3,475	3,484	3,502	3,515	3,528	3,539	3,554	3,567	3,577	3,585	3,591	3,566	3,537
124	UW	1	Boise	1,872	1,933	1,931	1,933	1,932	1,932	1,929	1,935	1,941	1,944	1,947	1,948	1,932	1,915
125	UW	1	Boise	1,508	1,557	1,566	1,579	1,591	1,603	1,614	1,635	1,657	1,677	1,698	1,718	1,719	1,719
126	UW	1	Boise	1,635	1,688	1,689	1,694	1,697	1,700	1,702	1,705	1,707	1,708	1,707	1,705	1,690	1,673
127	UW	1	Boise	1,853	1,913	1,930	1,952	1,972	1,993	2,013	2,037	2,060	2,083	2,105	2,127	2,126	2,125
128	UW	1	Boise	1,792	1,851	1,851	1,856	1,858	1,860	1,861	1,863	1,864	1,863	1,861	1,858	1,840	1,821
129	UW	1	Boise	1,444	1,491	1,493	1,499	1,502	1,506	1,508	1,504	1,498	1,491	1,482	1,471	1,519	1,567
130	UW	1	Boise	2,547	2,630	2,633	2,643	2,649	2,655	2,659	2,657	2,652	2,645	2,635	2,623	2,676	2,728
131	UW	1	Boise	2,617	2,702	2,710	2,725	2,736	2,748	2,757	2,756	2,753	2,747	2,739	2,728	2,789	2,852
132	UW	1	Unicorp.	2,483	2,563	2,576	2,591	2,605	2,621	2,636	2,662	2,688	2,715	2,743	2,770	2,840	2,912
133	UW	1	Unicorp.	1,893	1,954	1,988	2,026	2,064	2,105	2,145	2,178	2,210	2,243	2,276	2,310	2,354	2,398
134	UW	1	Boise	6,023	6,219	6,222	6,240	6,249	6,259	6,262	6,285	6,302	6,314	6,323	6,327	6,347	6,363
135	UW	1	Boise	5,584	5,765	5,769	5,786	5,794	5,804	5,808	5,817	5,822	5,821	5,816	5,807	5,815	5,819
136	UW	1	Boise	2,427	2,506	2,512	2,525	2,534	2,543	2,550	2,545	2,536	2,525	2,511	2,495	2,568	2,641
137	UW	1	Boise	1,365	1,410	1,414	1,422	1,428	1,434	1,439	1,462	1,485	1,507	1,529	1,551	1,572	1,593
138	UW	1	Boise	1,198	1,237	1,242	1,251	1,258	1,265	1,271	1,293	1,314	1,335	1,357	1,378	1,398	1,417
139	UW	1	Boise	2,503	2,585	2,596	2,614	2,629	2,644	2,658	2,651	2,642	2,630	2,615	2,598	2,670	2,743
140	UW	1	Boise	1,225	1,265	1,270	1,280	1,288	1,296	1,303	1,381	1,461	1,543	1,628	1,715	1,788	1,862
141	UW	1	Boise	1,477	1,525	1,526	1,532	1,535	1,539	1,540	1,565	1,589	1,612	1,635	1,658	1,681	1,703
142	UW	1	Boise	2,214	2,286	2,291	2,302	2,310	2,318	2,324	2,372	2,421	2,468	2,516	2,565	2,610	2,654
143	UW	1	Boise	3,290	3,397	3,405	3,422	3,434	3,447	3,457	3,511	3,564	3,616	3,668	3,720	3,770	3,820

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United Water - Idaho Service Area Population Forecast
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TAZ	United Water	Weight	Plng. Area or City	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
102	UW	1	Boise	263	261	258	262	266	270	274	279	283	287	291	296	300
103	UW	1	Boise	2,581	2,574	2,564	2,609	2,655	2,700	2,746	2,792	2,838	2,885	2,931	2,979	3,026
104	UW	1	Boise	607	604	600	611	622	633	644	655	666	677	689	700	712
105	UW	1	Boise	1,263	1,266	1,267	1,291	1,315	1,338	1,362	1,387	1,411	1,435	1,460	1,485	1,510
106	UW	1	Boise	919	916	912	929	945	962	979	996	1,013	1,030	1,047	1,064	1,082
107	UW	1	Boise	613	606	599	609	620	630	640	650	660	671	681	691	702
108	UW	1	Boise	808	802	794	808	822	836	850	864	878	892	907	921	936
109	UW	1	Boise	1,628	1,621	1,612	1,640	1,667	1,695	1,723	1,751	1,779	1,807	1,835	1,864	1,893
110	UW	1	Boise	1,586	1,576	1,564	1,590	1,616	1,642	1,668	1,694	1,720	1,746	1,772	1,799	1,825
111	UW	1	Boise	3,204	3,208	3,209	3,266	3,324	3,382	3,441	3,500	3,559	3,619	3,679	3,740	3,801
112	UW	1	Boise	1,918	1,900	1,879	1,910	1,941	1,971	2,002	2,033	2,064	2,095	2,126	2,158	2,189
113	UW	1	Boise	1,675	1,664	1,652	1,680	1,709	1,738	1,767	1,796	1,825	1,855	1,884	1,914	1,944
114	UW	1	Boise	2,729	2,731	2,732	2,782	2,833	2,884	2,935	2,987	3,039	3,092	3,144	3,198	3,252
115	UW	1	Boise	1,406	1,402	1,398	1,422	1,447	1,472	1,496	1,522	1,547	1,572	1,597	1,623	1,649
116	UW	1	Boise	1,295	1,294	1,292	1,316	1,340	1,364	1,387	1,412	1,436	1,460	1,485	1,509	1,534
117	UW	1	Boise	1,819	1,818	1,815	1,848	1,880	1,913	1,946	1,979	2,012	2,046	2,079	2,114	2,148
118	UW	1	Boise	978	974	970	987	1,004	1,021	1,038	1,056	1,073	1,090	1,108	1,126	1,143
119	UW	1	Boise	573	577	581	593	605	617	629	641	653	666	678	691	703
120	UW	1	Boise	1,433	1,410	1,385	1,405	1,424	1,444	1,463	1,483	1,502	1,522	1,541	1,561	1,580
121	UW	1	Boise	1,830	1,812	1,792	1,821	1,850	1,879	1,908	1,937	1,966	1,996	2,025	2,055	2,084
122	UW	1	Boise	1,316	1,365	1,415	1,452	1,489	1,527	1,565	1,604	1,644	1,684	1,724	1,765	1,807
123	UW	1	Boise	3,505	3,469	3,429	3,484	3,539	3,594	3,649	3,705	3,760	3,816	3,871	3,927	3,984
124	UW	1	Boise	1,896	1,874	1,850	1,880	1,910	1,940	1,970	2,000	2,029	2,059	2,089	2,120	2,150
125	UW	1	Boise	1,718	1,715	1,711	1,742	1,773	1,804	1,835	1,867	1,898	1,930	1,962	1,994	2,027
126	UW	1	Boise	1,654	1,633	1,610	1,635	1,660	1,684	1,708	1,733	1,758	1,782	1,807	1,832	1,856
127	UW	1	Boise	2,121	2,116	2,109	2,145	2,182	2,219	2,256	2,293	2,330	2,368	2,405	2,444	2,482
128	UW	1	Boise	1,799	1,775	1,749	1,775	1,802	1,827	1,853	1,879	1,905	1,931	1,957	1,984	2,010
129	UW	1	Boise	1,617	1,667	1,718	1,752	1,785	1,819	1,853	1,887	1,922	1,956	1,991	2,027	2,062
130	UW	1	Boise	2,781	2,834	2,886	2,936	2,986	3,035	3,085	3,135	3,185	3,235	3,285	3,337	3,388
131	UW	1	Boise	2,914	2,978	3,041	3,092	3,143	3,193	3,244	3,296	3,347	3,398	3,450	3,503	3,556
132	UW	1	Unicorp.	2,987	3,063	3,142	3,177	3,212	3,248	3,285	3,322	3,360	3,398	3,437	3,476	3,516
133	UW	1	Unicorp.	2,443	2,489	2,535	2,572	2,608	2,645	2,683	2,720	2,758	2,796	2,834	2,873	2,912
134	UW	1	Boise	6,375	6,384	6,387	6,474	6,559	6,645	6,729	6,814	6,897	6,980	7,062	7,145	7,228
135	UW	1	Boise	5,820	5,816	5,808	5,883	5,957	6,031	6,104	6,177	6,249	6,320	6,391	6,462	6,532
136	UW	1	Boise	2,716	2,792	2,869	2,923	2,977	3,031	3,086	3,141	3,196	3,252	3,308	3,364	3,421
137	UW	1	Boise	1,614	1,634	1,654	1,680	1,707	1,733	1,759	1,785	1,811	1,838	1,864	1,890	1,917
138	UW	1	Boise	1,437	1,456	1,475	1,499	1,523	1,546	1,570	1,594	1,618	1,642	1,666	1,690	1,714
139	UW	1	Boise	2,817	2,892	2,968	3,023	3,079	3,135	3,191	3,247	3,304	3,361	3,418	3,476	3,535
140	UW	1	Boise	1,938	2,016	2,095	2,141	2,187	2,234	2,281	2,329	2,376	2,424	2,473	2,522	2,572
141	UW	1	Boise	1,724	1,746	1,767	1,795	1,823	1,851	1,880	1,908	1,936	1,964	1,992	2,021	2,049
142	UW	1	Boise	2,699	2,743	2,787	2,834	2,882	2,929	2,976	3,024	3,071	3,119	3,166	3,215	3,263
143	UW	1	Boise	3,868	3,916	3,964	4,025	4,087	4,149	4,211	4,273	4,334	4,396	4,458	4,520	4,583

United Water - Idaho Serv. Area Population Forecast
by Ada County Traffic Analysis Zones (TAZ): 1999 to 2050

TAZ	United Water	Weight	Plng. Area or City	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038
102	UW	1	Boise	304	320	336	352	370	388	408	428	450	472	496	521	547
103	UW	1	Boise	3,077	3,128	3,180	3,233	3,287	3,342	3,398	3,455	3,513	3,571	3,631	3,692	3,753
104	UW	1	Boise	730	743	755	768	781	795	809	822	837	851	866	880	896
105	UW	1	Boise	1,537	1,564	1,592	1,620	1,648	1,678	1,707	1,737	1,768	1,799	1,831	1,864	1,897
106	UW	1	Boise	1,100	1,119	1,139	1,158	1,178	1,198	1,219	1,240	1,261	1,283	1,305	1,328	1,350
107	UW	1	Boise	725	737	748	760	772	785	797	810	823	836	849	863	877
108	UW	1	Boise	966	982	998	1,015	1,031	1,048	1,066	1,083	1,101	1,119	1,138	1,157	1,176
109	UW	1	Boise	1,923	1,954	1,986	2,018	2,051	2,084	2,117	2,152	2,186	2,222	2,258	2,294	2,331
110	UW	1	Boise	1,854	1,883	1,912	1,942	1,972	2,003	2,034	2,065	2,097	2,130	2,163	2,197	2,231
111	UW	1	Boise	3,866	3,932	3,999	4,067	4,137	4,207	4,279	4,352	4,426	4,502	4,579	4,657	4,737
112	UW	1	Boise	2,223	2,257	2,292	2,327	2,363	2,399	2,436	2,474	2,512	2,551	2,590	2,630	2,670
113	UW	1	Boise	1,976	2,009	2,042	2,075	2,109	2,144	2,179	2,215	2,251	2,288	2,326	2,364	2,403
114	UW	1	Boise	3,309	3,367	3,426	3,487	3,548	3,610	3,674	3,738	3,804	3,871	3,939	4,009	4,079
115	UW	1	Boise	1,677	1,705	1,733	1,762	1,791	1,821	1,852	1,883	1,914	1,946	1,978	2,011	2,045
116	UW	1	Boise	1,561	1,588	1,615	1,643	1,672	1,701	1,730	1,760	1,791	1,822	1,853	1,885	1,918
117	UW	1	Boise	2,184	2,221	2,259	2,297	2,336	2,376	2,416	2,457	2,499	2,541	2,584	2,628	2,673
118	UW	1	Boise	1,162	1,182	1,201	1,221	1,241	1,262	1,283	1,304	1,326	1,348	1,370	1,393	1,416
119	UW	1	Boise	740	777	816	857	899	944	992	1,041	1,093	1,148	1,205	1,266	1,329
120	UW	1	Boise	1,601	1,623	1,644	1,666	1,688	1,711	1,734	1,757	1,780	1,804	1,828	1,852	1,877
121	UW	1	Boise	2,116	2,148	2,181	2,214	2,248	2,282	2,317	2,352	2,388	2,424	2,461	2,499	2,537
122	UW	1	Boise	1,852	1,898	1,945	1,993	2,042	2,093	2,145	2,198	2,252	2,308	2,365	2,423	2,483
123	UW	1	Boise	4,044	4,105	4,167	4,230	4,294	4,359	4,425	4,492	4,560	4,629	4,699	4,770	4,842
124	UW	1	Boise	2,183	2,216	2,249	2,283	2,318	2,353	2,388	2,425	2,461	2,498	2,536	2,575	2,614
125	UW	1	Boise	2,062	2,097	2,133	2,169	2,206	2,244	2,282	2,321	2,361	2,401	2,442	2,484	2,526
126	UW	1	Boise	1,883	1,910	1,937	1,965	1,993	2,022	2,051	2,080	2,110	2,140	2,171	2,202	2,233
127	UW	1	Boise	2,523	2,564	2,607	2,649	2,693	2,737	2,782	2,828	2,874	2,921	2,969	3,018	3,068
128	UW	1	Boise	2,038	2,066	2,095	2,125	2,154	2,184	2,215	2,246	2,277	2,309	2,341	2,374	2,407
129	UW	1	Boise	2,100	2,139	2,178	2,218	2,259	2,301	2,343	2,386	2,430	2,475	2,521	2,567	2,615
130	UW	1	Boise	3,442	3,498	3,554	3,612	3,670	3,729	3,789	3,851	3,913	3,976	4,040	4,105	4,172
131	UW	1	Boise	3,612	3,669	3,726	3,785	3,845	3,905	3,967	4,029	4,092	4,157	4,222	4,289	4,356
132	UW	1	Unicorp.	3,556	3,597	3,637	3,679	3,720	3,763	3,805	3,848	3,892	3,936	3,981	4,026	4,071
133	UW	1	Unicorp.	2,953	2,994	3,036	3,079	3,122	3,165	3,209	3,254	3,300	3,346	3,393	3,440	3,488
134	UW	1	Boise	7,318	7,409	7,501	7,594	7,689	7,784	7,881	7,979	8,078	8,179	8,281	8,384	8,488
135	UW	1	Boise	6,610	6,688	6,767	6,847	6,928	7,010	7,093	7,177	7,262	7,347	7,434	7,522	7,611
136	UW	1	Boise	3,482	3,544	3,607	3,671	3,736	3,802	3,870	3,939	4,008	4,080	4,152	4,226	4,301
137	UW	1	Boise	1,945	1,974	2,003	2,033	2,063	2,094	2,125	2,156	2,188	2,221	2,253	2,287	2,321
138	UW	1	Boise	1,740	1,767	1,793	1,820	1,848	1,876	1,904	1,933	1,963	1,992	2,023	2,053	2,084
139	UW	1	Boise	3,597	3,660	3,725	3,791	3,857	3,925	3,995	4,065	4,137	4,210	4,284	4,359	4,436
140	UW	1	Boise	2,626	2,680	2,736	2,792	2,850	2,910	2,970	3,032	3,094	3,159	3,224	3,291	3,359
141	UW	1	Boise	2,080	2,111	2,143	2,175	2,207	2,240	2,274	2,308	2,342	2,377	2,413	2,449	2,485
142	UW	1	Boise	3,315	3,367	3,421	3,475	3,530	3,586	3,643	3,701	3,760	3,819	3,880	3,942	4,004
143	UW	1	Boise	4,650	4,717	4,786	4,856	4,927	4,999	5,072	5,147	5,222	5,298	5,376	5,454	5,534

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United Water - Idaho Service Area Population Forecast
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TAZ	United Water	Weight	Plng. Area or City	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	Abs. Chg. 2000 - 2050
102	UW	1	Boise	574	603	633	664	698	733	769	808	848	890	935	982	722
103	UW	1	Boise	3,816	3,880	3,944	4,010	4,077	4,145	4,215	4,285	4,357	4,429	4,503	4,579	2,132
104	UW	1	Boise	911	927	942	959	975	992	1,009	1,026	1,044	1,062	1,080	1,099	540
105	UW	1	Boise	1,930	1,964	1,999	2,034	2,070	2,107	2,144	2,182	2,221	2,260	2,300	2,341	1,203
106	UW	1	Boise	1,374	1,397	1,421	1,446	1,471	1,496	1,522	1,548	1,575	1,602	1,629	1,657	788
107	UW	1	Boise	891	905	919	934	949	964	979	995	1,011	1,027	1,043	1,060	455
108	UW	1	Boise	1,195	1,215	1,235	1,255	1,276	1,297	1,318	1,340	1,362	1,385	1,408	1,431	658
109	UW	1	Boise	2,369	2,407	2,446	2,486	2,526	2,567	2,608	2,650	2,693	2,737	2,781	2,826	1,288
110	UW	1	Boise	2,266	2,301	2,337	2,373	2,410	2,447	2,485	2,524	2,563	2,603	2,643	2,685	1,146
111	UW	1	Boise	4,817	4,900	4,983	5,068	5,155	5,243	5,332	5,423	5,516	5,610	5,706	5,803	2,889
112	UW	1	Boise	2,711	2,753	2,796	2,839	2,882	2,927	2,972	3,018	3,064	3,111	3,159	3,208	1,322
113	UW	1	Boise	2,443	2,483	2,524	2,565	2,607	2,650	2,694	2,738	2,783	2,829	2,875	2,922	1,342
114	UW	1	Boise	4,151	4,224	4,298	4,374	4,451	4,529	4,608	4,690	4,772	4,856	4,941	5,028	2,547
115	UW	1	Boise	2,079	2,114	2,149	2,185	2,221	2,258	2,296	2,334	2,373	2,413	2,453	2,494	1,204
116	UW	1	Boise	1,951	1,985	2,019	2,054	2,090	2,126	2,163	2,200	2,238	2,277	2,316	2,356	1,152
117	UW	1	Boise	2,718	2,764	2,811	2,859	2,907	2,957	3,007	3,058	3,110	3,162	3,216	3,270	1,568
118	UW	1	Boise	1,439	1,463	1,488	1,512	1,537	1,563	1,589	1,615	1,642	1,669	1,697	1,725	834
119	UW	1	Boise	1,395	1,465	1,538	1,615	1,696	1,781	1,870	1,963	2,062	2,165	2,273	2,387	1,937
120	UW	1	Boise	1,902	1,927	1,953	1,978	2,005	2,031	2,058	2,086	2,114	2,142	2,170	2,199	671
121	UW	1	Boise	2,576	2,615	2,655	2,695	2,736	2,778	2,820	2,863	2,907	2,951	2,996	3,042	1,203
122	UW	1	Boise	2,545	2,608	2,672	2,738	2,806	2,876	2,947	3,020	3,095	3,171	3,250	3,330	2,535
123	UW	1	Boise	4,915	4,989	5,065	5,141	5,219	5,298	5,378	5,459	5,542	5,626	5,711	5,797	2,322
124	UW	1	Boise	2,653	2,693	2,734	2,775	2,817	2,860	2,903	2,947	2,992	3,037	3,083	3,129	1,196
125	UW	1	Boise	2,569	2,613	2,658	2,703	2,749	2,796	2,844	2,892	2,942	2,992	3,043	3,095	1,538
126	UW	1	Boise	2,265	2,298	2,331	2,364	2,398	2,432	2,467	2,502	2,538	2,575	2,611	2,649	961
127	UW	1	Boise	3,118	3,169	3,222	3,274	3,328	3,383	3,439	3,495	3,552	3,611	3,670	3,730	1,817
128	UW	1	Boise	2,441	2,475	2,510	2,545	2,580	2,616	2,653	2,690	2,727	2,766	2,804	2,843	993
129	UW	1	Boise	2,663	2,712	2,762	2,813	2,864	2,917	2,971	3,026	3,081	3,138	3,196	3,255	1,764
130	UW	1	Boise	4,239	4,307	4,377	4,447	4,519	4,592	4,666	4,742	4,818	4,896	4,975	5,055	2,425
131	UW	1	Boise	4,425	4,494	4,565	4,637	4,710	4,784	4,860	4,936	5,014	5,093	5,173	5,254	2,552
132	UW	1	Unicorp.	4,118	4,164	4,212	4,259	4,308	4,356	4,406	4,456	4,506	4,557	4,609	4,661	2,098
133	UW	1	Unicorp.	3,537	3,586	3,636	3,687	3,739	3,791	3,844	3,897	3,952	4,007	4,063	4,120	2,166
134	UW	1	Boise	8,593	8,700	8,808	8,918	9,029	9,141	9,255	9,370	9,487	9,605	9,724	9,845	3,626
135	UW	1	Boise	7,701	7,792	7,885	7,978	8,072	8,168	8,264	8,362	8,461	8,561	8,662	8,765	2,999
136	UW	1	Boise	4,377	4,455	4,534	4,614	4,696	4,780	4,865	4,951	5,039	5,128	5,219	5,312	2,806
137	UW	1	Boise	2,355	2,390	2,426	2,462	2,498	2,535	2,573	2,611	2,650	2,689	2,729	2,769	1,360
138	UW	1	Boise	2,116	2,148	2,181	2,214	2,247	2,281	2,316	2,351	2,386	2,423	2,459	2,497	1,259
139	UW	1	Boise	4,515	4,594	4,675	4,758	4,842	4,927	5,014	5,102	5,192	5,284	5,377	5,472	2,887
140	UW	1	Boise	3,429	3,500	3,573	3,647	3,722	3,800	3,879	3,959	4,041	4,125	4,211	4,298	3,033
141	UW	1	Boise	2,523	2,560	2,599	2,637	2,677	2,717	2,758	2,799	2,841	2,883	2,926	2,970	1,445
142	UW	1	Boise	4,068	4,132	4,198	4,265	4,332	4,401	4,471	4,542	4,614	4,687	4,762	4,837	2,551
143	UW	1	Boise	5,615	5,697	5,780	5,865	5,950	6,037	6,126	6,215	6,306	6,398	6,492	6,587	3,190

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TAZ	United Water	Weight	Plng. Area or City	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
144	UW	0.35	Unicorp.	659	680	707	738	768	801	834	864	895	927	959	992	1,029	1,067
145	UW	0.35	Unicorp.	844	871	887	905	922	941	960	977	994	1,012	1,030	1,049	1,070	1,092
146	UW	1	Boise	1,786	1,844	1,852	1,865	1,875	1,886	1,896	1,966	2,037	2,109	2,184	2,259	2,379	2,503
147	UW	1	Boise	2,464	2,544	2,553	2,569	2,581	2,594	2,605	2,612	2,617	2,619	2,620	2,619	2,625	2,630
148	UW	1	Boise	1,069	1,104	1,115	1,131	1,144	1,159	1,172	1,228	1,284	1,341	1,400	1,461	1,512	1,564
149	UW	1	Boise	760	785	793	804	813	824	834	886	940	995	1,052	1,111	1,160	1,210
150	UW	1	Boise	2,874	2,967	2,972	2,984	2,991	3,000	3,005	3,017	3,026	3,033	3,038	3,042	3,052	3,061
151	UW	1	Boise	683	705	710	716	722	728	733	745	757	769	781	792	803	814
152	UW	1	Boise	0	0	0	0	0	0	0	0	0	0	0	0	0	0
153	UW	1	Boise	2,145	2,214	2,273	2,341	2,407	2,477	2,548	2,607	2,667	2,727	2,787	2,848	2,860	2,870
154	UW	1	Boise	2,081	2,149	2,160	2,176	2,190	2,205	2,219	2,220	2,220	2,218	2,214	2,209	2,210	2,210
155	UW	1	Boise	1,882	1,944	1,955	1,971	1,984	1,999	2,012	2,039	2,065	2,090	2,115	2,140	2,165	2,189
156	UW	1	Boise	3	3	3	3	3	3	3	3	3	3	3	3	3	3
157	UW	1	Boise	4	4	4	4	4	4	3	3	3	3	3	3	3	3
158	UW	1	Boise	30	31	30	29	28	26	25	24	22	21	19	17	16	14
159	UW	1	Boise	472	488	493	500	507	514	521	525	529	532	535	538	542	546
160	UW	1	Boise	1,463	1,510	1,528	1,550	1,571	1,593	1,614	1,628	1,640	1,652	1,663	1,673	1,685	1,696
161	UW	1	Boise	1,975	2,039	2,054	2,075	2,094	2,114	2,133	2,141	2,148	2,152	2,156	2,158	2,166	2,172
162	UW	0.75	Unicorp.	517	534	536	539	541	544	546	545	544	543	541	539	541	542
170	UW	1.0	Garden City	131	135	169	205	242	281	321	353	386	420	455	491	495	499
171		1	Boise	1,585	1,637	1,757	1,889	2,023	2,163	2,308	2,323	2,336	2,348	2,358	2,366	2,385	2,403
172		1	Garden City	2,635	2,721	2,903	3,101	3,303	3,515	3,734	3,795	3,856	3,916	3,976	4,036	4,063	4,089
173	UW	1	Boise	2,199	2,270	2,422	2,587	2,756	2,933	3,115	3,184	3,254	3,323	3,394	3,465	3,542	3,619
174		1	Garden City	126	130	158	187	218	250	283	288	293	297	302	307	312	318
175		1	Garden City	167	172	186	200	215	231	247	252	257	262	268	273	279	285
176		1	Garden City	700	722	772	825	880	938	997	1,057	1,119	1,182	1,248	1,315	1,328	1,340
177		1	Garden City	1,179	1,217	1,306	1,403	1,502	1,605	1,712	1,772	1,833	1,894	1,958	2,022	2,039	2,056
178		1	Garden City	814	841	928	1,021	1,117	1,218	1,322	1,344	1,366	1,388	1,410	1,432	1,442	1,451
179		1	Garden City	160	165	177	191	204	219	233	241	250	258	267	275	278	280
180	UW	1	Boise	718	741	797	858	920	986	1,053	1,123	1,195	1,268	1,345	1,423	1,475	1,528
181	UW	1	Boise	1,820	1,879	1,930	1,988	2,045	2,106	2,167	2,229	2,291	2,355	2,420	2,486	2,527	2,567
182	UW	1	Boise	3,525	3,640	3,715	3,803	3,890	3,980	4,070	4,158	4,247	4,334	4,423	4,512	4,559	4,605
183	UW	1	Boise	3,642	3,760	3,802	3,854	3,902	3,954	4,003	4,048	4,091	4,132	4,172	4,211	4,223	4,233
184	UW	1	Boise	2,408	2,486	2,525	2,572	2,617	2,664	2,711	2,755	2,798	2,841	2,884	2,926	2,945	2,963
185	UW	1	Boise	917	946	968	994	1,019	1,045	1,071	1,097	1,123	1,148	1,175	1,201	1,216	1,230
186	UW	1	Boise	1,144	1,181	1,170	1,161	1,149	1,137	1,123	1,137	1,150	1,163	1,175	1,187	1,185	1,182
195	UW	1	Boise	1,761	1,818	1,801	1,788	1,771	1,754	1,733	1,741	1,748	1,753	1,757	1,761	1,775	1,790
196	UW	1	Boise	460	475	472	470	467	464	461	465	470	474	478	482	480	478

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TAZ	United Water	Weight	Plng. Area or City	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
144	UW	0.35	Unicorp.	1,105	1,145	1,185	1,209	1,234	1,259	1,284	1,309	1,335	1,361	1,387	1,414	1,441
145	UW	0.35	Unicorp.	1,114	1,137	1,160	1,174	1,189	1,204	1,219	1,234	1,249	1,265	1,280	1,296	1,312
146	UW	1	Boise	2,629	2,759	2,892	2,958	3,026	3,094	3,162	3,232	3,302	3,373	3,444	3,517	3,591
147	UW	1	Boise	2,632	2,633	2,633	2,667	2,701	2,735	2,769	2,802	2,835	2,868	2,901	2,934	2,966
148	UW	1	Boise	1,617	1,671	1,726	1,762	1,799	1,835	1,872	1,910	1,947	1,985	2,022	2,061	2,100
149	UW	1	Boise	1,261	1,314	1,367	1,397	1,428	1,459	1,491	1,522	1,554	1,586	1,619	1,651	1,685
150	UW	1	Boise	3,068	3,073	3,075	3,117	3,159	3,200	3,240	3,281	3,321	3,361	3,401	3,441	3,481
151	UW	1	Boise	825	835	846	860	873	887	901	915	929	943	956	971	984
152	UW	1	Boise	0	0	0	0	0	0	0	0	0	0	0	0	0
153	UW	1	Boise	2,878	2,885	2,889	2,989	3,090	3,193	3,298	3,405	3,514	3,625	3,738	3,854	3,972
154	UW	1	Boise	2,209	2,205	2,201	2,228	2,254	2,281	2,307	2,333	2,359	2,384	2,410	2,435	2,460
155	UW	1	Boise	2,212	2,235	2,258	2,291	2,325	2,359	2,392	2,426	2,459	2,492	2,526	2,559	2,593
156	UW	1	Boise	3	3	3	4	4	4	4	4	4	4	4	4	4
157	UW	1	Boise	3	3	2	2	2	2	3	3	3	3	3	3	3
158	UW	1	Boise	13	11	9	9	9	9	8	8	8	8	8	8	8
159	UW	1	Boise	549	552	555	563	571	579	587	595	603	611	619	627	635
160	UW	1	Boise	1,707	1,717	1,726	1,751	1,776	1,801	1,826	1,851	1,875	1,900	1,924	1,949	1,974
161	UW	1	Boise	2,177	2,180	2,182	2,211	2,239	2,267	2,296	2,324	2,351	2,379	2,406	2,434	2,461
162	UW	0.75	Unicorp.	544	545	546	551	556	561	566	571	576	581	586	591	596
170	UW	1.0	Garden City	503	506	509	518	528	537	546	556	565	575	584	594	604
171		1	Boise	2,420	2,435	2,449	2,496	2,544	2,592	2,640	2,688	2,736	2,784	2,833	2,882	2,931
172		1	Garden City	4,113	4,135	4,155	4,222	4,288	4,355	4,422	4,489	4,556	4,623	4,691	4,759	4,828
173	UW	1	Boise	3,696	3,775	3,854	3,930	4,006	4,083	4,160	4,239	4,317	4,397	4,477	4,559	4,641
174		1	Garden City	323	328	334	340	347	354	361	368	375	382	389	396	403
175		1	Garden City	291	297	303	309	315	321	327	333	339	346	352	359	365
176		1	Garden City	1,352	1,363	1,373	1,398	1,423	1,447	1,472	1,497	1,522	1,547	1,572	1,598	1,623
177		1	Garden City	2,071	2,086	2,100	2,136	2,172	2,209	2,245	2,282	2,319	2,356	2,393	2,431	2,468
178		1	Garden City	1,460	1,468	1,475	1,500	1,524	1,549	1,574	1,599	1,623	1,648	1,673	1,698	1,724
179		1	Garden City	282	284	286	291	296	301	306	311	316	321	326	332	337
180	UW	1	Boise	1,582	1,637	1,692	1,747	1,802	1,859	1,916	1,974	2,034	2,094	2,155	2,218	2,282
181	UW	1	Boise	2,608	2,648	2,688	2,753	2,818	2,884	2,952	3,020	3,089	3,160	3,231	3,304	3,378
182	UW	1	Boise	4,649	4,691	4,731	4,852	4,974	5,098	5,223	5,351	5,480	5,610	5,743	5,878	6,015
183	UW	1	Boise	4,240	4,244	4,246	4,340	4,435	4,531	4,628	4,727	4,826	4,927	5,029	5,133	5,239
184	UW	1	Boise	2,979	2,994	3,007	3,080	3,154	3,229	3,304	3,381	3,459	3,538	3,617	3,699	3,781
185	UW	1	Boise	1,244	1,257	1,270	1,304	1,337	1,371	1,406	1,441	1,477	1,513	1,550	1,587	1,625
186	UW	1	Boise	1,179	1,174	1,169	1,187	1,206	1,224	1,243	1,262	1,281	1,299	1,318	1,337	1,356
195	UW	1	Boise	1,803	1,816	1,828	1,861	1,895	1,928	1,962	1,996	2,031	2,065	2,100	2,135	2,171
196	UW	1	Boise	476	473	469	477	484	491	498	505	512	519	527	534	541

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TAZ	United Water	Weight	Plng. Area or City	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038
144	UW	0.35	Unicorp.	1,469	1,498	1,528	1,558	1,589	1,620	1,653	1,685	1,719	1,752	1,787	1,822	1,858
145	UW	0.35	Unicorp.	1,328	1,345	1,362	1,379	1,396	1,413	1,431	1,448	1,466	1,485	1,503	1,522	1,541
146	UW	1	Boise	3,669	3,749	3,831	3,915	4,001	4,088	4,178	4,269	4,363	4,458	4,556	4,656	4,757
147	UW	1	Boise	3,002	3,038	3,074	3,111	3,148	3,186	3,224	3,263	3,302	3,342	3,382	3,423	3,464
148	UW	1	Boise	2,141	2,184	2,227	2,271	2,316	2,362	2,409	2,457	2,505	2,555	2,606	2,657	2,710
149	UW	1	Boise	1,720	1,757	1,794	1,832	1,870	1,910	1,950	1,992	2,034	2,077	2,121	2,165	2,211
150	UW	1	Boise	3,525	3,568	3,613	3,658	3,704	3,750	3,797	3,844	3,892	3,940	3,989	4,039	4,090
151	UW	1	Boise	1,000	1,015	1,030	1,046	1,062	1,078	1,095	1,112	1,129	1,146	1,163	1,181	1,199
152	UW	1	Boise	6	8	12	15	19	20	20	21	22	23	23	24	25
153	UW	1	Boise	4,101	4,233	4,370	4,512	4,658	4,808	4,964	5,124	5,290	5,461	5,638	5,820	6,008
154	UW	1	Boise	2,488	2,516	2,544	2,573	2,602	2,631	2,660	2,690	2,720	2,751	2,782	2,813	2,845
155	UW	1	Boise	2,629	2,666	2,703	2,741	2,779	2,818	2,857	2,897	2,937	2,978	3,020	3,062	3,105
156	UW	1	Boise	8	8	9	9	9	10	10	10	11	11	11	12	12
157	UW	1	Boise	6	6	6	7	7	7	7	8	8	8	8	9	9
158	UW	1	Boise	11	11	12	12	13	13	14	14	14	15	16	16	17
159	UW	1	Boise	644	653	662	671	680	689	699	708	718	727	737	747	758
160	UW	1	Boise	2,001	2,027	2,055	2,083	2,111	2,139	2,168	2,197	2,227	2,257	2,287	2,318	2,350
161	UW	1	Boise	2,491	2,521	2,552	2,583	2,614	2,645	2,677	2,710	2,743	2,776	2,809	2,843	2,878
162	UW	0.75	Unicorp.	609	614	620	625	631	636	642	648	653	659	665	671	677
170	UW	1.0	Garden City	620	631	642	653	664	675	687	699	711	723	735	748	761
171		1	Boise	2,984	3,038	3,093	3,149	3,206	3,265	3,324	3,384	3,445	3,508	3,571	3,636	3,702
172		1	Garden City	4,901	4,975	5,051	5,127	5,204	5,283	5,363	5,444	5,526	5,610	5,695	5,781	5,868
173	UW	1	Boise	4,728	4,817	4,907	4,999	5,093	5,189	5,286	5,385	5,486	5,589	5,694	5,801	5,909
174		1	Garden City	420	428	436	445	453	462	471	480	489	498	508	517	527
175		1	Garden City	380	387	395	402	410	417	425	433	442	450	458	467	476
176		1	Garden City	1,650	1,678	1,707	1,735	1,764	1,794	1,824	1,855	1,886	1,918	1,950	1,983	2,017
177		1	Garden City	2,509	2,550	2,591	2,633	2,676	2,720	2,764	2,809	2,855	2,902	2,949	2,997	3,046
178		1	Garden City	1,751	1,778	1,806	1,835	1,863	1,893	1,922	1,953	1,983	2,014	2,046	2,078	2,111
179		1	Garden City	342	348	354	360	365	371	378	384	390	396	403	410	416
180	UW	1	Boise	2,351	2,422	2,495	2,571	2,649	2,729	2,812	2,897	2,985	3,076	3,169	3,265	3,364
181	UW	1	Boise	3,456	3,536	3,618	3,702	3,787	3,875	3,964	4,056	4,150	4,245	4,344	4,444	4,547
182	UW	1	Boise	6,161	6,311	6,464	6,621	6,782	6,947	7,116	7,289	7,466	7,647	7,833	8,024	8,219
183	UW	1	Boise	5,350	5,464	5,580	5,698	5,819	5,943	6,069	6,198	6,330	6,464	6,602	6,742	6,885
184	UW	1	Boise	3,869	3,958	4,050	4,144	4,240	4,338	4,439	4,542	4,647	4,755	4,865	4,978	5,093
185	UW	1	Boise	1,665	1,707	1,749	1,793	1,838	1,883	1,930	1,979	2,028	2,078	2,130	2,183	2,238
186	UW	1	Boise	1,377	1,397	1,418	1,440	1,461	1,483	1,505	1,528	1,551	1,574	1,598	1,622	1,646
195	UW	1	Boise	2,209	2,247	2,286	2,326	2,366	2,407	2,449	2,491	2,534	2,578	2,623	2,669	2,715
196	UW	1	Boise	555	577	600	624	649	675	702	730	760	790	822	854	889

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TAZ	United Water	Weight	Plng. Area or City	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	Abs. Chg. 2000 - 2050
144	UW	0.35	Unicorp.	1,895	1,933	1,971	2,010	2,050	2,090	2,131	2,174	2,217	2,260	2,305	2,351	1,671
145	UW	0.35	Unicorp.	1,560	1,579	1,599	1,619	1,639	1,659	1,680	1,701	1,722	1,743	1,765	1,787	916
146	UW	1	Boise	4,861	4,968	5,077	5,188	5,301	5,417	5,536	5,657	5,781	5,907	6,036	6,168	4,324
147	UW	1	Boise	3,505	3,547	3,590	3,633	3,677	3,721	3,765	3,810	3,856	3,902	3,949	3,997	1,452
148	UW	1	Boise	2,764	2,818	2,874	2,931	2,989	3,048	3,109	3,170	3,233	3,297	3,363	3,429	2,325
149	UW	1	Boise	2,258	2,306	2,354	2,404	2,455	2,507	2,560	2,614	2,669	2,726	2,783	2,842	2,057
150	UW	1	Boise	4,140	4,192	4,244	4,297	4,351	4,405	4,460	4,516	4,572	4,629	4,687	4,745	1,778
151	UW	1	Boise	1,218	1,236	1,255	1,275	1,294	1,314	1,334	1,354	1,375	1,396	1,417	1,439	734
152	UW	1	Boise	26	27	28	29	30	31	32	33	34	35	37	38	38
153	UW	1	Boise	6,203	6,403	6,610	6,824	7,045	7,273	7,508	7,751	8,001	8,260	8,527	8,803	6,589
154	UW	1	Boise	2,876	2,909	2,941	2,974	3,008	3,041	3,076	3,110	3,145	3,180	3,216	3,252	1,103
155	UW	1	Boise	3,148	3,192	3,236	3,281	3,327	3,373	3,420	3,468	3,516	3,566	3,615	3,666	1,722
156	UW	1	Boise	13	13	13	14	14	15	15	16	16	17	18	18	15
157	UW	1	Boise	9	10	10	10	11	11	12	12	12	13	13	14	9
158	UW	1	Boise	17	18	18	19	20	20	21	22	23	23	24	25	(6)
159	UW	1	Boise	768	778	789	800	811	822	833	844	856	867	879	891	404
160	UW	1	Boise	2,381	2,413	2,446	2,479	2,512	2,546	2,581	2,615	2,651	2,687	2,723	2,760	1,249
161	UW	1	Boise	2,913	2,948	2,984	3,020	3,056	3,093	3,131	3,169	3,207	3,246	3,285	3,325	1,286
162	UW	0.75	Unicorp.	683	689	695	701	707	713	720	726	732	739	745	752	218
170	UW	1.0	Garden City	774	787	801	815	829	843	857	872	887	902	918	934	798
171		1	Boise	3,769	3,838	3,907	3,978	4,050	4,124	4,198	4,274	4,352	4,431	4,511	4,593	2,956
172		1	Garden City	5,957	6,047	6,139	6,231	6,326	6,421	6,518	6,617	6,717	6,819	6,922	7,026	4,306
173	UW	1	Boise	6,020	6,133	6,248	6,366	6,485	6,607	6,731	6,857	6,985	7,116	7,250	7,386	5,116
174		1	Garden City	537	547	558	569	579	591	602	613	625	637	649	662	531
175		1	Garden City	485	494	503	513	523	533	543	553	563	574	585	596	424
176		1	Garden City	2,051	2,085	2,120	2,156	2,192	2,229	2,267	2,305	2,344	2,383	2,423	2,464	1,742
177		1	Garden City	3,096	3,146	3,197	3,250	3,303	3,356	3,411	3,467	3,523	3,581	3,639	3,698	2,481
178		1	Garden City	2,144	2,177	2,212	2,246	2,282	2,317	2,354	2,391	2,428	2,466	2,505	2,544	1,704
179		1	Garden City	423	430	437	444	452	459	467	474	482	490	498	506	341
180	UW	1	Boise	3,466	3,571	3,680	3,791	3,906	4,025	4,147	4,272	4,402	4,535	4,673	4,815	4,073
181	UW	1	Boise	4,652	4,759	4,869	4,982	5,097	5,215	5,335	5,459	5,585	5,714	5,846	5,981	4,102
182	UW	1	Boise	8,418	8,623	8,832	9,047	9,267	9,492	9,723	9,959	10,201	10,449	10,703	10,963	7,323
183	UW	1	Boise	7,031	7,181	7,333	7,489	7,648	7,810	7,976	8,146	8,319	8,496	8,676	8,860	5,100
184	UW	1	Boise	5,211	5,332	5,455	5,582	5,711	5,843	5,979	6,117	6,259	6,404	6,553	6,704	4,218
185	UW	1	Boise	2,293	2,351	2,409	2,469	2,531	2,594	2,659	2,725	2,793	2,862	2,934	3,007	2,060
186	UW	1	Boise	1,671	1,696	1,722	1,747	1,774	1,800	1,827	1,855	1,883	1,911	1,940	1,969	788
195	UW	1	Boise	2,762	2,810	2,859	2,908	2,959	3,010	3,063	3,116	3,170	3,225	3,281	3,338	1,520
196	UW	1	Boise	924	961	1,000	1,040	1,081	1,124	1,169	1,216	1,265	1,315	1,368	1,423	948

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TAZ	United Water	Weight	Plng. Area or City	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
197	UW	1	Boise	1,006	1,038	1,029	1,021	1,011	1,001	989	994	998	1,002	1,005	1,007	1,014	1,020
198	UW	1	Boise	1,744	1,801	1,789	1,780	1,768	1,755	1,740	1,746	1,751	1,754	1,756	1,756	1,769	1,781
199	UW	1	Boise	818	845	841	838	834	830	824	956	1,094	1,236	1,384	1,538	1,433	1,323
200	UW	1	Boise	667	688	685	682	679	675	670	677	684	691	697	704	702	699
201	UW	1	Boise	900	930	925	922	918	913	907	913	919	923	928	932	933	934
202	UW	1	Boise	1,632	1,685	1,672	1,662	1,650	1,637	1,622	1,637	1,651	1,664	1,677	1,690	1,690	1,690
203	UW	1	Boise	736	760	754	750	744	738	731	737	743	747	752	757	753	748
204	UW	1	Boise	690	713	709	707	703	699	695	702	710	717	724	730	728	726
205	UW	1	Boise	907	937	931	926	921	914	907	911	914	917	919	921	921	920
206	UW	1	Boise	300	310	308	306	304	302	299	302	304	306	309	311	309	307
207	UW	1	Boise	838	865	860	858	853	849	843	848	853	858	862	865	867	868
208	UW	1	Boise	805	831	823	817	810	802	792	801	809	817	825	832	830	827
209	UW	1	Boise	1,545	1,595	1,582	1,573	1,561	1,548	1,533	1,540	1,547	1,552	1,557	1,561	1,555	1,548
	UW	1	Unicorp.	172	177	176	175	173	172	170	171	172	172	173	173	173	172
210	UW	0.25	Unicorp.	592	611	667	726	788	852	919	993	1,069	1,148	1,230	1,314	1,383	1,454
211	UW	1	Unicorp.	259	268	286	306	326	348	370	394	419	445	472	500	522	546
212		1	Boise	329	339	393	450	510	572	636	707	781	857	935	1,016	1,083	1,151
213	UW	1	Boise	1,193	1,232	1,246	1,264	1,280	1,297	1,314	1,333	1,352	1,370	1,389	1,407	1,423	1,440
214	UW	1	Boise	958	989	1,003	1,019	1,035	1,052	1,069	1,088	1,106	1,125	1,143	1,161	1,178	1,194
215	UW	1	Boise	2,658	2,744	2,739	2,740	2,737	2,734	2,728	2,723	2,716	2,706	2,694	2,679	2,670	2,660
216	UW	1	Boise	1,785	1,843	1,844	1,848	1,850	1,852	1,853	1,854	1,854	1,852	1,850	1,845	1,844	1,842
217	UW	1	Boise	510	527	533	540	547	555	562	570	578	585	593	600	607	614
218	UW	1	Boise	655	677	704	735	765	798	830	867	905	943	983	1,023	1,057	1,092
225		1	Unicorp.	296	306	366	431	498	569	641	716	792	871	952	1,036	1,120	1,206
226		1	Unicorp.	3	3	10	17	24	31	39	48	56	65	74	84	93	102
227		1	Unicorp.	23	23	150	286	426	572	725	886	1,053	1,226	1,405	1,591	1,768	1,951
228	UW		Unicorp.	206	213	267	324	384	447	512	579	648	719	793	870	945	1,022
229		1	Unicorp.	400	413	428	444	459	476	493	511	529	548	567	586	604	623
230		1	Unicorp.	1,122	1,158	1,186	1,218	1,249	1,282	1,316	1,350	1,385	1,420	1,456	1,493	1,528	1,563
231		1	Unicorp.	472	488	508	531	554	578	603	626	651	675	701	727	755	784
232		1	Star	1,425	1,471	1,484	1,501	1,516	1,533	1,549	1,558	1,566	1,574	1,581	1,588	1,604	1,620
233		1	Unicorp.	218	225	231	238	245	252	259	266	273	280	288	295	303	310
234		1	Eagle	161	166	167	169	170	172	173	174	175	175	176	176	177	178
235		1	Eagle	286	295	327	362	398	435	474	499	525	551	578	606	632	659
236		1	Eagle	222	229	234	238	243	248	253	257	263	268	273	278	283	288
237		1	Eagle	392	405	428	453	479	506	533	547	561	575	589	603	617	631
238		1	Eagle	1,066	1,101	1,134	1,171	1,209	1,248	1,288	1,312	1,336	1,360	1,384	1,408	1,432	1,457
239		1	Eagle	1,738	1,795	1,866	1,944	2,023	2,107	2,192	2,268	2,345	2,424	2,505	2,588	2,666	2,746
240		1	Eagle	1,912	1,974	1,991	2,014	2,034	2,056	2,076	2,091	2,104	2,116	2,127	2,137	2,151	2,163
241		1	Eagle	772	797	818	841	863	887	912	937	962	987	1,013	1,039	1,065	1,090
242		1	Eagle	1,863	1,924	1,957	1,997	2,035	2,076	2,116	2,148	2,180	2,211	2,243	2,275	2,307	2,338
243		1	Eagle	905	935	960	988	1,017	1,046	1,076	1,107	1,138	1,170	1,202	1,234	1,266	1,298
244	UW	1	Eagle	2	2	3	3	3	4	4	5	6	6	7	8	8	9

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TAZ	United Water	Weight	Plng. Area or City	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
197	UW	1	Boise	1,026	1,031	1,036	1,054	1,073	1,092	1,111	1,131	1,150	1,169	1,189	1,209	1,228
198	UW	1	Boise	1,792	1,802	1,812	1,844	1,877	1,910	1,943	1,976	2,009	2,043	2,077	2,111	2,146
199	UW	1	Boise	1,208	1,087	960	954	947	939	930	920	909	898	885	872	858
200	UW	1	Boise	696	692	687	698	709	721	732	743	754	765	776	787	799
201	UW	1	Boise	934	933	932	947	963	979	995	1,011	1,027	1,043	1,059	1,075	1,092
202	UW	1	Boise	1,688	1,685	1,681	1,709	1,737	1,765	1,793	1,821	1,850	1,878	1,907	1,936	1,965
203	UW	1	Boise	742	736	729	741	752	763	774	785	796	807	818	830	841
204	UW	1	Boise	723	719	715	726	738	749	761	772	784	795	807	818	830
205	UW	1	Boise	918	916	912	927	942	957	972	987	1,002	1,018	1,033	1,048	1,064
206	UW	1	Boise	305	303	300	304	309	314	318	323	328	332	337	342	346
207	UW	1	Boise	868	868	868	883	898	913	928	943	958	973	988	1,004	1,020
208	UW	1	Boise	823	819	813	826	839	852	865	878	891	905	918	931	944
209	UW	1	Boise	1,540	1,530	1,518	1,542	1,566	1,590	1,614	1,638	1,662	1,686	1,710	1,734	1,758
	UW	1	Unicorp.	171	170	169	171	174	177	179	182	185	187	190	193	195
210	UW	0.25	Unicorp.	1,527	1,602	1,679	1,718	1,758	1,798	1,838	1,879	1,921	1,963	2,005	2,048	2,092
211	UW	1	Unicorp.	570	594	619	634	649	664	679	694	709	725	740	756	772
212		1	Boise	1,221	1,294	1,367	1,405	1,443	1,482	1,521	1,560	1,600	1,641	1,681	1,723	1,765
213	UW	1	Boise	1,455	1,471	1,486	1,509	1,532	1,555	1,578	1,602	1,625	1,648	1,671	1,695	1,718
214	UW	1	Boise	1,210	1,226	1,242	1,263	1,283	1,304	1,325	1,346	1,367	1,387	1,408	1,429	1,451
215	UW	1	Boise	2,647	2,632	2,614	2,645	2,676	2,706	2,736	2,765	2,795	2,824	2,852	2,881	2,910
216	UW	1	Boise	1,838	1,833	1,827	1,849	1,872	1,894	1,916	1,938	1,960	1,982	2,003	2,025	2,046
217	UW	1	Boise	621	627	633	644	654	664	675	685	696	706	716	727	737
218	UW	1	Boise	1,127	1,163	1,199	1,224	1,248	1,273	1,299	1,324	1,350	1,375	1,401	1,428	1,455
225		1	Unicorp.	1,295	1,386	1,480	1,525	1,570	1,616	1,663	1,710	1,758	1,807	1,856	1,907	1,958
226		1	Unicorp.	112	122	132	136	141	145	150	155	160	164	169	174	179
227		1	Unicorp.	2,140	2,335	2,535	2,622	2,711	2,800	2,891	2,984	3,077	3,173	3,269	3,368	3,468
228	UW		Unicorp.	1,102	1,184	1,268	1,307	1,346	1,386	1,427	1,468	1,509	1,552	1,594	1,638	1,683
229		1	Unicorp.	642	661	681	694	708	722	736	750	765	779	793	808	823
230		1	Unicorp.	1,599	1,636	1,673	1,702	1,732	1,762	1,792	1,823	1,854	1,884	1,915	1,947	1,979
231		1	Unicorp.	813	844	874	892	910	929	947	966	984	1,003	1,023	1,042	1,062
232		1	Star	1,636	1,651	1,667	1,687	1,707	1,727	1,747	1,768	1,788	1,808	1,829	1,849	1,870
233		1	Unicorp.	317	325	333	339	346	352	359	366	372	379	386	393	400
234		1	Eagle	179	180	181	184	187	190	192	195	198	201	204	207	210
235		1	Eagle	686	714	743	759	776	792	809	827	844	862	879	897	916
236		1	Eagle	293	298	303	307	312	317	321	326	331	336	341	345	350
237		1	Eagle	645	659	673	686	698	711	724	737	750	763	776	789	803
238		1	Eagle	1,481	1,505	1,530	1,554	1,578	1,603	1,627	1,652	1,677	1,702	1,727	1,752	1,778
239		1	Eagle	2,827	2,909	2,993	3,048	3,103	3,159	3,215	3,272	3,329	3,387	3,445	3,504	3,564
240		1	Eagle	2,174	2,185	2,194	2,226	2,259	2,291	2,323	2,356	2,388	2,420	2,452	2,484	2,517
241		1	Eagle	1,116	1,142	1,169	1,191	1,213	1,235	1,257	1,280	1,302	1,325	1,348	1,371	1,395
242		1	Eagle	2,370	2,402	2,433	2,468	2,503	2,538	2,573	2,608	2,643	2,679	2,714	2,751	2,787
243		1	Eagle	1,330	1,362	1,395	1,422	1,449	1,476	1,503	1,531	1,559	1,587	1,615	1,643	1,672
244	UW	1	Eagle	9	10	10	11	11	12	12	13	13	14	14	15	15

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TAZ	United Water	Weight	Plng. Area or City	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038
197	UW	1	Boise	1,250	1,271	1,293	1,315	1,338	1,361	1,384	1,408	1,432	1,457	1,482	1,508	1,534
198	UW	1	Boise	2,183	2,220	2,258	2,296	2,335	2,375	2,416	2,457	2,499	2,542	2,585	2,629	2,674
199	UW	1	Boise	875	910	946	984	1,024	1,065	1,107	1,152	1,198	1,245	1,295	1,347	1,401
200	UW	1	Boise	818	843	868	894	921	948	977	1,006	1,036	1,067	1,099	1,132	1,166
201	UW	1	Boise	1,109	1,127	1,145	1,163	1,182	1,201	1,220	1,240	1,260	1,280	1,300	1,321	1,342
202	UW	1	Boise	1,996	2,027	2,059	2,092	2,125	2,158	2,192	2,227	2,262	2,297	2,334	2,370	2,408
203	UW	1	Boise	860	872	885	898	910	923	937	950	964	978	992	1,006	1,020
204	UW	1	Boise	850	863	876	889	902	916	930	944	958	973	987	1,002	1,017
205	UW	1	Boise	1,080	1,097	1,114	1,131	1,148	1,166	1,184	1,203	1,221	1,240	1,259	1,279	1,298
206	UW	1	Boise	366	371	377	382	388	393	399	405	411	417	423	429	435
207	UW	1	Boise	1,036	1,053	1,070	1,087	1,105	1,123	1,141	1,160	1,179	1,198	1,217	1,237	1,257
208	UW	1	Boise	958	973	987	1,002	1,017	1,033	1,048	1,064	1,080	1,096	1,113	1,129	1,146
209	UW	1	Boise	1,784	1,811	1,837	1,865	1,892	1,920	1,949	1,977	2,007	2,036	2,066	2,097	2,128
	UW	1	Unicorp.	205	208	211	214	217	221	224	227	231	234	237	241	244
210	UW	0.25	Unicorp.	2,138	2,186	2,234	2,284	2,335	2,387	2,440	2,494	2,549	2,606	2,664	2,723	2,784
211	UW	1	Unicorp.	799	817	835	854	873	892	912	932	953	974	996	1,018	1,041
212		1	Boise	1,811	1,858	1,906	1,955	2,006	2,058	2,111	2,165	2,221	2,279	2,338	2,398	2,460
213	UW	1	Boise	1,743	1,769	1,795	1,821	1,848	1,875	1,902	1,930	1,958	1,987	2,016	2,046	2,076
214	UW	1	Boise	1,473	1,496	1,520	1,544	1,568	1,592	1,617	1,643	1,668	1,694	1,721	1,748	1,775
215	UW	1	Boise	2,941	2,973	3,005	3,037	3,070	3,103	3,136	3,170	3,204	3,238	3,273	3,308	3,344
216	UW	1	Boise	2,069	2,093	2,117	2,141	2,165	2,190	2,215	2,240	2,266	2,292	2,318	2,344	2,371
217	UW	1	Boise	748	790	833	879	927	978	1,032	1,089	1,149	1,212	1,278	1,349	1,423
218	UW	1	Boise	1,483	1,512	1,541	1,572	1,602	1,634	1,665	1,698	1,731	1,765	1,799	1,834	1,870
225		1	Unicorp.	2,013	2,071	2,129	2,190	2,252	2,316	2,382	2,449	2,519	2,591	2,664	2,740	2,818
226		1	Unicorp.	185	191	197	203	209	215	222	229	236	244	251	259	267
227		1	Unicorp.	3,579	3,692	3,810	3,931	4,056	4,185	4,319	4,456	4,598	4,744	4,895	5,051	5,212
228	UW		Unicorp.	1,731	1,781	1,832	1,884	1,938	1,994	2,051	2,110	2,171	2,233	2,297	2,363	2,431
229		1	Unicorp.	839	855	871	888	905	922	940	958	977	995	1,014	1,034	1,054
230		1	Unicorp.	2,012	2,047	2,081	2,117	2,152	2,189	2,226	2,264	2,302	2,341	2,381	2,421	2,462
231		1	Unicorp.	1,083	1,104	1,126	1,148	1,170	1,193	1,217	1,240	1,265	1,290	1,315	1,341	1,367
232		1	Star	1,892	1,914	1,936	1,958	1,981	2,004	2,027	2,050	2,074	2,098	2,122	2,147	2,172
233		1	Unicorp.	407	415	422	430	438	446	455	463	472	480	489	498	507
234		1	Eagle	213	217	220	223	227	230	234	237	241	245	248	252	256
235		1	Eagle	935	955	975	996	1,017	1,038	1,060	1,083	1,106	1,129	1,153	1,177	1,202
236		1	Eagle	356	361	366	371	377	382	388	394	400	405	411	417	424
237		1	Eagle	817	832	846	861	877	892	908	924	941	958	975	992	1,010
238		1	Eagle	1,805	1,832	1,860	1,888	1,916	1,945	1,975	2,005	2,035	2,066	2,097	2,129	2,161
239		1	Eagle	3,627	3,691	3,756	3,822	3,889	3,958	4,027	4,098	4,170	4,244	4,319	4,395	4,472
240		1	Eagle	2,551	2,587	2,622	2,659	2,695	2,733	2,770	2,809	2,847	2,887	2,927	2,967	3,008
241		1	Eagle	1,419	1,445	1,470	1,497	1,523	1,550	1,578	1,606	1,635	1,664	1,693	1,723	1,754
242		1	Eagle	2,825	2,864	2,903	2,942	2,983	3,023	3,065	3,106	3,149	3,192	3,236	3,280	3,325
243		1	Eagle	1,703	1,734	1,765	1,798	1,830	1,864	1,898	1,932	1,968	2,004	2,040	2,078	2,116
244	UW	1	Eagle	16	17	18	19	20	21	22	24	25	26	28	30	32

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TAZ	United Water	Weight	Plng. Area or City	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	Abs. Chg. 2000 - 2050
197	UW	1	Boise	1,560	1,587	1,614	1,642	1,670	1,699	1,728	1,758	1,788	1,819	1,851	1,882	844
198	UW	1	Boise	2,720	2,766	2,813	2,861	2,910	2,960	3,011	3,062	3,114	3,167	3,221	3,276	1,476
199	UW	1	Boise	1,457	1,515	1,576	1,639	1,705	1,773	1,844	1,917	1,994	2,074	2,157	2,243	1,398
200	UW	1	Boise	1,201	1,237	1,274	1,313	1,352	1,393	1,434	1,477	1,522	1,567	1,614	1,663	974
201	UW	1	Boise	1,364	1,385	1,407	1,430	1,453	1,476	1,500	1,524	1,548	1,573	1,598	1,624	694
202	UW	1	Boise	2,446	2,484	2,523	2,563	2,603	2,644	2,686	2,728	2,771	2,815	2,859	2,904	1,220
203	UW	1	Boise	1,035	1,050	1,065	1,080	1,095	1,111	1,127	1,143	1,160	1,176	1,193	1,210	450
204	UW	1	Boise	1,032	1,048	1,064	1,080	1,096	1,113	1,129	1,146	1,164	1,181	1,199	1,217	504
205	UW	1	Boise	1,318	1,339	1,359	1,381	1,402	1,424	1,446	1,468	1,491	1,514	1,537	1,561	624
206	UW	1	Boise	441	448	454	461	468	474	481	488	495	503	510	517	207
207	UW	1	Boise	1,278	1,298	1,319	1,341	1,363	1,385	1,407	1,430	1,453	1,477	1,501	1,525	660
208	UW	1	Boise	1,163	1,181	1,199	1,217	1,235	1,254	1,272	1,291	1,311	1,331	1,351	1,371	540
209	UW	1	Boise	2,159	2,191	2,224	2,257	2,290	2,324	2,358	2,393	2,428	2,464	2,501	2,538	943
	UW	1	Unicorp.	248	252	255	259	263	267	271	275	279	283	287	292	114
210	UW	0.25	Unicorp.	2,846	2,909	2,973	3,040	3,107	3,176	3,247	3,319	3,393	3,468	3,545	3,624	3,013
211	UW	1	Unicorp.	1,064	1,087	1,112	1,136	1,162	1,188	1,214	1,241	1,269	1,297	1,326	1,355	1,088
212		1	Boise	2,524	2,589	2,656	2,725	2,796	2,868	2,942	3,018	3,096	3,176	3,259	3,343	3,003
213	UW	1	Boise	2,106	2,137	2,168	2,200	2,232	2,265	2,298	2,332	2,366	2,400	2,435	2,471	1,239
214	UW	1	Boise	1,803	1,831	1,860	1,889	1,919	1,949	1,979	2,010	2,041	2,073	2,106	2,139	1,150
215	UW	1	Boise	3,380	3,416	3,453	3,490	3,528	3,566	3,604	3,643	3,682	3,722	3,762	3,802	1,058
216	UW	1	Boise	2,398	2,425	2,453	2,481	2,509	2,538	2,567	2,596	2,626	2,656	2,686	2,716	873
217	UW	1	Boise	1,501	1,584	1,671	1,763	1,860	1,962	2,070	2,184	2,304	2,431	2,564	2,705	2,179
218	UW	1	Boise	1,907	1,944	1,982	2,021	2,060	2,100	2,141	2,183	2,226	2,269	2,314	2,359	1,682
225		1	Unicorp.	2,898	2,980	3,065	3,152	3,241	3,333	3,428	3,525	3,625	3,728	3,834	3,943	3,637
226		1	Unicorp.	275	284	293	302	311	321	331	341	352	363	374	385	382
227		1	Unicorp.	5,377	5,549	5,725	5,907	6,095	6,289	6,489	6,696	6,909	7,129	7,356	7,590	7,567
228	UW		Unicorp.	2,500	2,572	2,646	2,722	2,800	2,880	2,963	3,048	3,135	3,225	3,318	3,413	3,201
229		1	Unicorp.	1,074	1,095	1,116	1,137	1,159	1,181	1,204	1,227	1,250	1,274	1,299	1,324	910
230		1	Unicorp.	2,504	2,546	2,590	2,634	2,678	2,724	2,770	2,817	2,865	2,913	2,962	3,013	1,855
231		1	Unicorp.	1,394	1,421	1,449	1,477	1,506	1,536	1,566	1,597	1,628	1,660	1,692	1,726	1,238
232		1	Star	2,197	2,222	2,248	2,274	2,300	2,327	2,354	2,381	2,409	2,437	2,465	2,493	1,022
233		1	Unicorp.	517	526	536	546	556	567	577	588	599	610	621	633	407
234		1	Eagle	260	264	268	272	276	280	284	289	293	298	302	307	141
235		1	Eagle	1,228	1,254	1,280	1,308	1,335	1,364	1,392	1,422	1,452	1,483	1,514	1,546	1,251
236		1	Eagle	430	436	443	449	456	462	469	476	483	490	497	505	275
237		1	Eagle	1,028	1,046	1,064	1,083	1,103	1,122	1,142	1,162	1,183	1,204	1,226	1,247	842
238		1	Eagle	2,194	2,227	2,261	2,295	2,329	2,365	2,400	2,437	2,474	2,511	2,549	2,588	1,487
239		1	Eagle	4,551	4,631	4,713	4,796	4,880	4,966	5,053	5,142	5,233	5,325	5,419	5,514	3,720
240		1	Eagle	3,050	3,092	3,135	3,178	3,222	3,266	3,311	3,357	3,404	3,451	3,498	3,547	1,572
241		1	Eagle	1,785	1,817	1,850	1,882	1,916	1,950	1,985	2,020	2,056	2,093	2,130	2,168	1,371
242		1	Eagle	3,370	3,416	3,463	3,510	3,558	3,607	3,656	3,706	3,756	3,808	3,860	3,912	1,989
243		1	Eagle	2,154	2,193	2,234	2,274	2,316	2,358	2,401	2,445	2,490	2,535	2,582	2,629	1,694
244	UW	1	Eagle	33	35	38	40	42	45	47	50	53	56	60	63	61

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TAZ	United Water	Weight	Plng. Area or City	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
245		1	Eagle	292	301	319	338	357	378	399	422	446	471	497	523	548	572
246		1	Eagle	494	510	521	534	547	561	575	589	604	618	633	649	663	678
247		1	Eagle	439	454	477	502	528	555	583	613	644	675	708	741	772	804
248		1	Unicorp.	485	501	505	510	514	519	524	525	527	528	530	530	535	539
249		1	Unicorp.	258	266	273	280	287	294	302	308	314	320	327	333	341	349
250		1	Unicorp.	51	53	54	56	58	59	61	62	63	64	65	66	68	70
251		1	Unicorp.	395	408	419	430	442	455	467	478	489	500	511	522	536	550
252		1	Eagle	832	859	883	911	939	968	998	1,029	1,061	1,093	1,126	1,160	1,192	1,225
253		1	Eagle	84	87	94	102	111	120	129	139	149	160	171	183	193	204
254	UW	0.75	Unicorp.	2,345	2,422	2,509	2,605	2,703	2,806	2,911	3,153	3,405	3,665	3,934	4,213	4,519	4,834
255		1	Unicorp.	469	484	635	798	965	1,141	1,322	1,552	1,791	2,037	2,292	2,556	2,853	3,160
256		1	Unicorp.	280	289	487	700	919	1,149	1,388	1,603	1,825	2,055	2,292	2,538	2,820	3,112
257		1	Unicorp.	378	390	396	403	410	417	424	424	424	423	422	421	429	438
258		1	Unicorp.	104	108	115	123	131	139	148	153	159	165	170	176	186	196
259		1	Unicorp.	96	99	123	149	175	203	232	255	279	304	329	356	388	421
260		1	Meridian	2,021	2,086	2,175	2,272	2,371	2,475	2,581	2,699	2,819	2,943	3,070	3,201	3,282	3,363
261		1	Meridian	1,312	1,355	1,362	1,374	1,383	1,393	1,403	1,390	1,375	1,358	1,339	1,319	1,331	1,342
262		1	Meridian	2,650	2,736	2,775	2,822	2,868	2,916	2,963	2,965	2,965	2,962	2,957	2,951	3,006	3,061
263		1	Meridian	4,289	4,429	4,470	4,523	4,573	4,624	4,673	4,638	4,597	4,549	4,497	4,438	4,497	4,555
264		1	Meridian	4,599	4,748	4,778	4,819	4,855	4,893	4,929	5,019	5,111	5,202	5,294	5,386	5,486	5,587
265		1	Meridian	1,969	2,033	2,152	2,283	2,416	2,556	2,700	2,799	2,900	3,003	3,109	3,216	3,379	3,545
266		1	Meridian	815	842	872	905	939	974	1,010	1,028	1,045	1,062	1,080	1,097	1,138	1,179
267		1	Meridian	52	54	56	59	62	65	68	70	72	74	76	78	82	85
268		1	Meridian	249	257	274	294	313	333	354	368	383	397	412	427	451	475
269		1	Meridian	1,223	1,263	1,264	1,267	1,269	1,272	1,273	1,254	1,234	1,212	1,188	1,162	1,165	1,167
270		1	Meridian	2,713	2,801	2,815	2,837	2,854	2,873	2,890	2,858	2,821	2,780	2,736	2,688	2,709	2,730
271		1	Meridian	853	881	914	952	989	1,029	1,069	1,088	1,106	1,124	1,142	1,159	1,205	1,252
272		1	Meridian	1,808	1,866	1,884	1,905	1,926	1,947	1,968	1,960	1,951	1,939	1,926	1,911	1,936	1,961
273		1	Meridian	972	1,004	1,031	1,063	1,095	1,128	1,161	1,261	1,363	1,469	1,578	1,691	1,822	1,958
274		1	Meridian	72	74	83	92	101	111	121	129	136	144	152	160	172	184
275		1	Unicorp.	242	250	252	255	258	261	264	262	260	258	255	252	255	259
276		1	Unicorp.	44	45	55	64	75	85	96	105	113	122	132	141	154	166
277		1	Unicorp.	88	91	100	109	118	128	139	146	154	162	170	178	189	201
278		1	Unicorp.	262	271	317	368	419	473	529	573	617	663	710	759	822	887
279		1	Meridian	1,935	1,998	2,083	2,178	2,274	2,374	2,477	2,537	2,597	2,657	2,718	2,780	2,896	3,016
280		1	Meridian	736	760	782	807	831	857	883	895	907	918	929	941	970	1,000
281		1	Meridian	0	0	0	0	0	0	0	0	0	0	0	0	0	0
282		1	Meridian	53	55	57	60	63	66	69	70	72	74	75	77	80	83
283		1	Meridian	811	838	857	879	901	924	947	952	956	958	961	962	989	1,016
284	UW	0.5	Unicorp.	307	317	331	346	361	377	394	409	424	439	455	470	489	508
285	UW	0.5	Unicorp.	217	224	239	256	273	290	309	326	344	362	381	400	421	442
286		1	Meridian	634	655	789	933	1,081	1,237	1,399	1,534	1,674	1,818	1,967	2,121	2,302	2,489
287		1	Meridian	2,133	2,203	2,264	2,333	2,402	2,474	2,548	2,585	2,621	2,657	2,693	2,728	2,812	2,898
288		1	Meridian	451	465	469	473	477	482	486	488	490	491	493	494	497	499
289		1	Unicorp.	614	633	789	956	1,128	1,308	1,494	1,726	1,966	2,213	2,470	2,734	3,037	3,350

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by Ada County Traffic Analysis Zones (TAZ): 1999 to 2050

TAZ	United Water	Weight	Plng. Area or City	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
245		1	Eagle	598	624	651	665	679	694	708	723	737	752	768	783	799
246		1	Eagle	693	708	723	736	748	760	773	785	798	811	823	836	850
247		1	Eagle	837	870	904	925	946	967	988	1,010	1,031	1,053	1,076	1,098	1,121
248		1	Unicorp.	543	547	551	558	565	571	578	585	592	599	605	612	619
249		1	Unicorp.	358	366	375	381	387	394	400	406	413	419	426	432	439
250		1	Unicorp.	72	73	75	77	78	80	81	83	85	86	88	90	91
251		1	Unicorp.	564	578	593	604	615	626	637	648	659	671	682	694	705
252		1	Eagle	1,258	1,291	1,325	1,350	1,374	1,399	1,424	1,449	1,475	1,500	1,526	1,552	1,579
253		1	Eagle	215	226	238	244	250	256	263	269	276	282	289	296	303
254	UW	0.75	Unicorp.	5,160	5,495	5,841	5,986	6,134	6,284	6,436	6,592	6,749	6,909	7,072	7,238	7,407
255		1	Unicorp.	3,477	3,804	4,140	4,285	4,433	4,582	4,734	4,889	5,046	5,206	5,368	5,534	5,702
256		1	Unicorp.	3,412	3,722	4,041	4,181	4,323	4,467	4,614	4,763	4,915	5,068	5,224	5,384	5,545
257		1	Unicorp.	446	455	464	472	480	488	497	505	513	522	530	539	547
258		1	Unicorp.	206	217	228	234	240	246	253	259	266	272	279	285	292
259		1	Unicorp.	455	490	526	543	560	578	595	613	631	650	669	688	707
260		1	Meridian	3,446	3,530	3,615	3,680	3,745	3,811	3,878	3,945	4,012	4,080	4,149	4,218	4,289
261		1	Meridian	1,353	1,363	1,373	1,392	1,412	1,431	1,450	1,470	1,489	1,509	1,528	1,548	1,567
262		1	Meridian	3,117	3,173	3,230	3,282	3,334	3,387	3,440	3,494	3,547	3,601	3,655	3,711	3,766
263		1	Meridian	4,612	4,669	4,724	4,803	4,882	4,961	5,040	5,120	5,200	5,280	5,360	5,441	5,523
264		1	Meridian	5,687	5,789	5,891	5,987	6,083	6,179	6,276	6,374	6,472	6,571	6,670	6,771	6,873
265		1	Meridian	3,716	3,892	4,071	4,166	4,263	4,361	4,459	4,560	4,661	4,764	4,868	4,974	5,081
266		1	Meridian	1,222	1,266	1,310	1,338	1,367	1,396	1,426	1,455	1,485	1,516	1,546	1,577	1,609
267		1	Meridian	89	93	97	99	102	104	106	109	111	114	116	119	122
268		1	Meridian	500	526	552	566	581	595	610	625	640	656	671	687	703
269		1	Meridian	1,168	1,169	1,168	1,182	1,196	1,209	1,223	1,236	1,250	1,263	1,276	1,290	1,303
270		1	Meridian	2,750	2,769	2,786	2,827	2,868	2,908	2,949	2,990	3,031	3,071	3,112	3,153	3,194
271		1	Meridian	1,300	1,348	1,398	1,431	1,464	1,497	1,531	1,565	1,599	1,634	1,669	1,704	1,740
272		1	Meridian	1,985	2,009	2,034	2,062	2,090	2,119	2,148	2,176	2,205	2,234	2,263	2,293	2,323
273		1	Meridian	2,097	2,241	2,389	2,454	2,521	2,588	2,657	2,727	2,797	2,869	2,942	3,016	3,092
274		1	Meridian	196	208	221	227	234	240	247	253	260	267	274	281	288
275		1	Unicorp.	263	266	270	274	279	283	288	293	297	302	306	311	316
276		1	Unicorp.	180	193	207	214	220	227	234	241	248	256	263	271	278
277		1	Unicorp.	213	226	239	245	252	259	266	273	280	288	295	302	310
278		1	Unicorp.	953	1,022	1,092	1,126	1,161	1,195	1,231	1,267	1,303	1,340	1,377	1,415	1,454
279		1	Meridian	3,138	3,263	3,390	3,466	3,542	3,620	3,698	3,777	3,857	3,937	4,019	4,102	4,186
280		1	Meridian	1,031	1,063	1,095	1,116	1,137	1,159	1,180	1,203	1,225	1,247	1,270	1,293	1,316
281		1	Meridian	0	0	0	0	0	0	0	0	0	0	0	0	0
282		1	Meridian	87	90	94	96	98	101	103	105	108	110	112	115	117
283		1	Meridian	1,043	1,071	1,099	1,122	1,145	1,168	1,191	1,214	1,238	1,262	1,286	1,310	1,334
284	UW	0.5	Unicorp.	527	547	567	579	592	606	619	632	646	659	673	687	701
285	UW	0.5	Unicorp.	463	485	508	521	534	547	560	573	586	600	614	628	642
286		1	Meridian	2,682	2,880	3,084	3,175	3,268	3,362	3,457	3,555	3,653	3,753	3,854	3,958	4,063
287		1	Meridian	2,985	3,075	3,166	3,224	3,283	3,343	3,403	3,463	3,525	3,587	3,649	3,713	3,777
288		1	Meridian	502	504	506	514	522	530	538	547	555	563	571	579	588
289		1	Unicorp.	3,672	4,004	4,346	4,495	4,647	4,801	4,957	5,116	5,277	5,441	5,607	5,777	5,950

John Church
Idaho Econor

United Water - Idaho Servi[illegible]rea Population Forecast
by Ada County Traffic Analysis Zones (TAZ): 1999 to 2050

TAZ	United Water	Weight	Plng. Area or City	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038
245		1	Eagle	815	832	849	867	885	903	921	940	960	980	1,000	1,020	1,041
246		1	Eagle	863	877	891	906	921	936	951	966	982	998	1,014	1,030	1,047
247		1	Eagle	1,145	1,170	1,196	1,222	1,248	1,275	1,303	1,331	1,360	1,390	1,420	1,451	1,482
248		1	Unicorp.	626	634	641	649	656	664	672	680	688	696	704	712	720
249		1	Unicorp.	446	453	460	468	475	483	490	498	506	514	522	530	539
250		1	Unicorp.	93	95	97	99	101	103	105	107	109	111	113	115	118
251		1	Unicorp.	718	730	743	756	769	783	797	811	825	839	854	869	884
252		1	Eagle	1,606	1,635	1,664	1,693	1,723	1,753	1,784	1,816	1,848	1,880	1,913	1,947	1,982
253		1	Eagle	310	318	325	333	341	350	358	367	376	385	395	404	414
254	UW	0.75	Unicorp.	7,585	7,888	8,204	8,532	8,873	9,228	9,597	9,981	10,381	10,796	11,228	11,677	12,144
255		1	Unicorp.	5,888	6,079	6,277	6,481	6,692	6,910	7,135	7,367	7,607	7,854	8,110	8,373	8,646
256		1	Unicorp.	5,724	5,908	6,098	6,294	6,497	6,706	6,921	7,144	7,374	7,611	7,856	8,108	8,369
257		1	Unicorp.	557	566	575	585	595	605	615	625	635	646	657	668	679
258		1	Unicorp.	300	307	315	323	331	339	348	357	365	375	384	394	404
259		1	Unicorp.	728	750	772	796	819	844	869	895	922	950	978	1,007	1,037
260		1	Meridian	4,362	4,438	4,514	4,592	4,671	4,752	4,834	4,917	5,002	5,088	5,176	5,265	5,356
261		1	Meridian	1,588	1,610	1,631	1,653	1,675	1,697	1,720	1,743	1,766	1,789	1,813	1,837	1,862
262		1	Meridian	3,825	3,884	3,944	4,005	4,067	4,130	4,194	4,259	4,325	4,392	4,460	4,529	4,599
263		1	Meridian	5,610	5,698	5,788	5,879	5,971	6,065	6,161	6,258	6,356	6,456	6,558	6,661	6,766
264		1	Meridian	6,980	7,088	7,198	7,310	7,423	7,539	7,656	7,775	7,895	8,018	8,142	8,269	8,397
265		1	Meridian	5,195	5,312	5,431	5,553	5,677	5,804	5,934	6,068	6,204	6,343	6,485	6,630	6,779
266		1	Meridian	1,642	1,676	1,711	1,747	1,783	1,820	1,858	1,896	1,936	1,976	2,017	2,059	2,102
267		1	Meridian	124	127	130	133	136	139	143	146	149	152	156	160	163
268		1	Meridian	720	738	756	774	793	812	832	853	874	895	917	939	962
269		1	Meridian	1,317	1,332	1,346	1,361	1,376	1,391	1,406	1,422	1,437	1,453	1,469	1,485	1,502
270		1	Meridian	3,238	3,283	3,328	3,374	3,420	3,467	3,515	3,563	3,612	3,662	3,712	3,763	3,815
271		1	Meridian	1,779	1,818	1,859	1,900	1,942	1,985	2,029	2,074	2,120	2,167	2,215	2,264	2,314
272		1	Meridian	2,354	2,385	2,417	2,449	2,482	2,515	2,549	2,583	2,618	2,653	2,688	2,724	2,761
273		1	Meridian	3,173	3,256	3,341	3,428	3,517	3,609	3,704	3,800	3,900	4,002	4,106	4,214	4,324
274		1	Meridian	296	304	312	321	329	338	347	357	366	376	386	397	407
275		1	Unicorp.	321	326	331	336	342	347	353	358	364	370	376	382	388
276		1	Unicorp.	287	295	304	313	323	332	342	353	363	374	385	397	409
277		1	Unicorp.	318	327	335	344	354	363	373	382	393	403	414	425	436
278		1	Unicorp.	1,496	1,539	1,584	1,630	1,677	1,725	1,775	1,827	1,880	1,934	1,990	2,048	2,107
279		1	Meridian	4,275	4,366	4,460	4,555	4,652	4,751	4,852	4,956	5,061	5,169	5,279	5,392	5,507
280		1	Meridian	1,340	1,365	1,390	1,416	1,443	1,469	1,497	1,524	1,553	1,582	1,611	1,641	1,671
281		1	Meridian	0	0	0	0	0	0	0	0	0	0	0	0	0
282		1	Meridian	124	127	130	133	136	139	142	145	148	152	155	159	162
283		1	Meridian	1,361	1,387	1,415	1,442	1,471	1,499	1,529	1,559	1,589	1,620	1,652	1,685	1,718
284	UW	0.5	Unicorp.	716	731	747	763	779	796	813	831	849	867	885	904	924
285	UW	0.5	Unicorp.	657	672	688	704	721	738	756	773	792	810	829	849	869
286		1	Meridian	4,177	4,294	4,414	4,537	4,664	4,794	4,928	5,066	5,208	5,354	5,503	5,657	5,815
287		1	Meridian	3,844	3,913	3,982	4,053	4,126	4,199	4,274	4,350	4,427	4,506	4,587	4,668	4,751
288		1	Meridian	597	605	615	624	633	643	652	662	672	682	693	703	713
289		1	Unicorp.	6,140	6,336	6,538	6,747	6,962	7,184	7,413	7,650	7,894	8,146	8,406	8,674	8,951

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United Water - Idaho Service Area Population Forecast
by Ada County Traffic Analysis Zones (TAZ): 1999 to 2050

TAZ	United Water	Weight	Plng. Area or City	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	Abs. Chg. 2000 - 2050
245		1	Eagle	1,063	1,085	1,107	1,130	1,153	1,177	1,201	1,226	1,252	1,277	1,304	1,331	1,029
246		1	Eagle	1,064	1,081	1,099	1,116	1,134	1,153	1,172	1,190	1,210	1,229	1,249	1,270	760
247		1	Eagle	1,515	1,548	1,581	1,616	1,651	1,687	1,723	1,761	1,799	1,838	1,878	1,919	1,465
248		1	Unicorp.	729	737	746	755	764	773	782	791	800	809	819	829	327
249		1	Unicorp.	547	556	565	574	583	592	602	611	621	631	641	651	384
250		1	Unicorp.	120	122	125	127	130	132	135	138	140	143	146	149	96
251		1	Unicorp.	900	915	931	948	964	981	998	1,016	1,034	1,052	1,070	1,089	681
252		1	Eagle	2,016	2,052	2,088	2,125	2,163	2,201	2,240	2,279	2,319	2,360	2,402	2,444	1,585
253		1	Eagle	424	435	445	456	467	479	490	502	515	527	540	553	466
254	UW	0.75	Unicorp.	12,630	13,135	13,660	14,207	14,775	15,366	15,981	16,620	17,285	17,976	18,695	19,443	17,021
255		1	Unicorp.	8,927	9,218	9,518	9,827	10,147	10,477	10,818	11,170	11,534	11,909	12,296	12,697	12,212
256		1	Unicorp.	8,638	8,916	9,203	9,499	9,805	10,120	10,445	10,781	11,128	11,486	11,856	12,237	11,948
257		1	Unicorp.	690	702	713	725	737	750	762	775	788	801	814	828	438
258		1	Unicorp.	414	424	435	446	457	469	480	492	505	518	531	544	436
259		1	Unicorp.	1,068	1,100	1,133	1,167	1,202	1,238	1,275	1,313	1,353	1,393	1,435	1,478	1,378
260		1	Meridian	5,448	5,542	5,638	5,735	5,834	5,934	6,037	6,141	6,246	6,354	6,464	6,575	4,489
261		1	Meridian	1,887	1,912	1,937	1,963	1,989	2,016	2,043	2,070	2,097	2,125	2,154	2,182	828
262		1	Meridian	4,670	4,742	4,816	4,890	4,966	5,043	5,121	5,200	5,281	5,362	5,445	5,530	2,794
263		1	Meridian	6,872	6,981	7,090	7,202	7,315	7,431	7,547	7,666	7,787	7,910	8,034	8,160	3,732
264		1	Meridian	8,528	8,660	8,795	8,931	9,070	9,211	9,354	9,499	9,647	9,797	9,949	10,103	5,355
265		1	Meridian	6,931	7,086	7,245	7,407	7,574	7,743	7,917	8,094	8,276	8,461	8,651	8,845	6,813
266		1	Meridian	2,145	2,190	2,235	2,282	2,329	2,378	2,427	2,477	2,529	2,581	2,635	2,690	1,848
267		1	Meridian	167	171	175	179	183	187	191	196	200	205	209	214	160
268		1	Meridian	986	1,010	1,034	1,060	1,085	1,112	1,139	1,167	1,195	1,225	1,255	1,285	1,028
269		1	Meridian	1,518	1,535	1,551	1,568	1,586	1,603	1,621	1,638	1,656	1,675	1,693	1,711	449
270		1	Meridian	3,868	3,921	3,975	4,029	4,085	4,141	4,198	4,256	4,314	4,374	4,434	4,495	1,694
271		1	Meridian	2,365	2,418	2,471	2,526	2,582	2,639	2,698	2,757	2,819	2,881	2,945	3,010	2,129
272		1	Meridian	2,798	2,835	2,873	2,911	2,950	2,990	3,030	3,070	3,111	3,153	3,195	3,238	1,371
273		1	Meridian	4,437	4,553	4,672	4,794	4,919	5,047	5,179	5,315	5,454	5,596	5,742	5,892	4,889
274		1	Meridian	418	430	441	453	465	478	491	504	518	532	546	561	487
275		1	Unicorp.	394	400	406	413	419	426	433	440	447	454	461	468	219
276		1	Unicorp.	421	434	447	460	474	488	503	518	534	550	566	583	538
277		1	Unicorp.	448	460	472	484	497	510	524	538	552	567	582	597	506
278		1	Unicorp.	2,168	2,231	2,296	2,363	2,431	2,501	2,574	2,649	2,725	2,804	2,886	2,969	2,699
279		1	Meridian	5,624	5,744	5,867	5,992	6,119	6,250	6,383	6,519	6,658	6,800	6,945	7,093	5,095
280		1	Meridian	1,702	1,734	1,766	1,799	1,832	1,866	1,901	1,936	1,972	2,009	2,046	2,084	1,324
281		1	Meridian	0	0	0	0	0	0	0	0	0	0	0	0	0
282		1	Meridian	166	170	173	177	181	185	190	194	198	203	207	212	157
283		1	Meridian	1,751	1,786	1,821	1,856	1,893	1,930	1,968	2,006	2,046	2,086	2,127	2,168	1,331
284	UW	0.5	Unicorp.	944	964	985	1,006	1,028	1,050	1,072	1,095	1,119	1,143	1,167	1,192	875
285	UW	0.5	Unicorp.	890	911	932	954	977	1,000	1,023	1,048	1,072	1,098	1,124	1,150	926
286		1	Meridian	5,978	6,145	6,317	6,493	6,675	6,862	7,054	7,251	7,454	7,662	7,876	8,096	7,442
287		1	Meridian	4,836	4,922	5,010	5,099	5,190	5,282	5,376	5,472	5,570	5,669	5,770	5,873	3,670
288		1	Meridian	724	735	746	757	769	780	792	804	816	828	841	853	388
289		1	Unicorp.	9,237	9,531	9,836	10,149	10,473	10,808	11,152	11,508	11,876	12,255	12,646	13,049	12,416

United Water - Idaho Service Area Population Forecast
by Ada County Traffic Analysis Zones (TAZ): 1999 to 2050

TAZ	United Water	Weight	Plng. Area or City	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
290		1	Unicorp.	814	841	873	908	944	982	1,020	1,039	1,057	1,075	1,093	1,111	1,154	1,199
291		1	Unicorp.	194	200	205	210	216	222	228	229	231	232	233	234	241	248
292		1	Unicorp.	956	987	992	1,001	1,008	1,015	1,022	1,014	1,004	994	982	969	978	986
293		1	Unicorp.	433	447	534	628	724	825	929	1,094	1,265	1,443	1,626	1,816	2,026	2,244
294	UW	0.5	Unicorp.	278	287	290	295	300	305	309	312	314	316	318	320	325	329
295	UW	0.5	Unicorp.	39	40	41	43	44	45	47	48	49	50	51	52	53	55
296		1	Unicorp.	208	215	224	234	244	254	265	270	276	281	286	292	304	317
297		1	Unicorp.	226	234	241	249	257	265	273	281	288	295	303	311	320	329
298		1	Unicorp.	201	207	212	218	224	230	237	241	246	251	256	260	267	274
299		1	Unicorp.	112	115	116	117	118	118	119	119	119	119	118	118	118	119
300		1	Unicorp.	180	186	187	188	189	190	191	191	190	189	189	188	188	189
301		1	Unicorp.	137	142	147	152	158	164	170	173	176	179	182	184	191	199
302	UW	0.25	Unicorp.	68	70	73	76	80	84	88	91	95	99	103	107	111	116
303	UW	0.75	Unicorp.	352	364	372	380	389	398	408	414	421	428	434	441	451	460
304	UW	0.75	Unicorp.	1,316	1,359	1,368	1,380	1,391	1,403	1,414	1,414	1,414	1,412	1,409	1,405	1,415	1,423
305		1	Unicorp.	498	514	524	536	548	561	573	582	591	600	609	618	631	644
306		1	Unicorp.	201	207	211	216	220	224	229	232	236	239	243	246	251	255
307		1	Unicorp.	526	544	552	563	573	583	594	602	611	619	627	636	648	659
308		1	Unicorp.	368	380	383	388	393	398	402	404	406	408	409	410	415	419
309		1	Unicorp.	335	346	361	378	395	413	431	448	465	483	500	519	539	561
310		1	Unicorp.	88	91	97	103	109	116	123	129	135	142	149	156	162	168
311		1	Kuna	2,529	2,611	2,682	2,760	2,840	2,923	3,008	3,079	3,152	3,226	3,301	3,378	3,443	3,509
312		1	Kuna	880	908	970	1,036	1,104	1,175	1,249	1,320	1,393	1,468	1,545	1,625	1,692	1,761
313		1	Kuna	166	171	179	187	195	203	212	219	227	234	242	250	256	263
314		1	Unicorp.	381	393	405	419	432	447	461	473	485	497	509	522	537	553
315		1	Kuna	77	79	83	86	90	94	98	101	104	108	111	114	117	120
316		1	Unicorp.	90	93	97	102	107	112	117	122	126	131	136	141	145	149
317		1	Kuna	691	714	733	754	776	799	821	838	855	872	889	906	921	935
318		1	Unicorp.	82	85	87	90	93	96	99	102	104	107	110	112	115	118
319		1	Unicorp.	202	208	206	205	203	201	199	195	191	186	181	176	172	169
320		1	Unicorp.	224	232	238	245	252	259	266	272	278	284	290	296	304	312
399	UW	0.75	Unicorp.	2,015	2,080	2,096	2,117	2,135	2,155	2,174	2,180	2,184	2,186	2,187	2,186	2,206	2,224
Total Population in TAZs				281,416	290,561	296,838	304,137	311,296	318,815	326,350	333,899	341,497	349,082	356,800	364,559	372,294	380,087
Population outside of TAZs				1,984	2,048	2,062	2,082	2,100	2,118	2,135	2,151	2,165	2,178	2,190	2,201	2,217	2,233
Total				283,400	292,609	298,900	306,219	313,396	320,933	328,485	336,050	343,662	351,260	358,989	366,759	374,511	382,320

United Water Service Area	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Total Population	207,861	214,615	217,690	221,442	225,018	228,775	232,465	237,016	241,563	246,064	250,621	255,168	258,978	262,761
Pct of County	73.3%	73.3%	72.8%	72.3%	71.8%	71.3%	70.8%	70.5%	70.3%	70.1%	69.8%	69.6%	69.2%	68.7%

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United Water - Idaho Service Area Population Forecast
by Ada County Traffic Analysis Zones (TAZ): 1999 to 2050

TAZ	United Water	Weight	Plng. Area or City	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
290		1	Unicorp.	1,244	1,290	1,337	1,368	1,399	1,430	1,462	1,494	1,526	1,558	1,591	1,624	1,658
291		1	Unicorp.	255	263	270	276	281	287	293	299	305	311	317	323	329
292		1	Unicorp.	995	1,003	1,010	1,024	1,037	1,050	1,063	1,077	1,090	1,103	1,117	1,130	1,144
293		1	Unicorp.	2,468	2,699	2,937	3,038	3,141	3,245	3,351	3,459	3,569	3,680	3,793	3,909	4,027
294	UW	0.5	Unicorp.	334	339	343	349	355	361	367	373	379	385	391	397	404
295	UW	0.5	Unicorp.	56	57	59	60	61	63	64	65	67	68	69	71	72
296		1	Unicorp.	329	342	356	364	372	381	390	398	407	416	425	434	444
297		1	Unicorp.	339	348	358	365	372	380	387	394	402	409	417	424	432
298		1	Unicorp.	281	288	295	300	306	312	318	324	330	336	342	348	354
299		1	Unicorp.	119	119	120	121	123	125	126	128	129	131	133	134	136
300		1	Unicorp.	189	189	190	192	194	196	198	201	203	205	207	209	211
301		1	Unicorp.	206	213	221	226	231	236	241	246	251	256	261	266	271
302	UW	0.25	Unicorp.	120	125	130	133	136	139	142	145	148	151	154	157	160
303	UW	0.75	Unicorp.	470	480	490	499	508	517	526	535	545	554	563	573	582
304	UW	0.75	Unicorp.	1,431	1,439	1,446	1,467	1,487	1,508	1,529	1,550	1,570	1,591	1,611	1,632	1,653
305		1	Unicorp.	658	671	685	698	710	723	736	749	762	775	788	801	815
306		1	Unicorp.	260	265	270	275	279	284	289	294	299	304	309	314	319
307		1	Unicorp.	671	683	695	705	715	725	735	745	756	766	776	787	797
308		1	Unicorp.	424	428	432	439	445	451	458	464	470	477	483	490	496
309		1	Unicorp.	582	604	627	641	655	670	684	699	714	729	744	759	775
310		1	Unicorp.	174	181	187	191	196	200	205	209	214	218	223	228	233
311		1	Kuna	3,576	3,643	3,711	3,769	3,827	3,886	3,945	4,005	4,065	4,125	4,186	4,248	4,311
312		1	Kuna	1,832	1,904	1,978	2,023	2,069	2,115	2,162	2,209	2,257	2,305	2,354	2,404	2,454
313		1	Kuna	269	276	283	289	295	301	307	313	319	325	331	338	344
314		1	Unicorp.	569	585	601	614	626	639	651	664	677	690	703	716	729
315		1	Kuna	123	127	130	133	135	138	141	144	147	149	152	155	158
316		1	Unicorp.	154	158	163	166	170	173	177	181	184	188	192	196	200
317		1	Kuna	949	964	978	995	1,012	1,028	1,045	1,063	1,080	1,097	1,115	1,132	1,150
318		1	Unicorp.	120	123	126	128	130	132	134	136	138	140	142	144	146
319		1	Unicorp.	166	162	158	159	160	160	161	162	162	163	163	164	164
320		1	Unicorp.	320	328	337	343	350	356	363	370	376	383	390	397	404
399	UW	0.75	Unicorp.	2,243	2,260	2,277	2,309	2,341	2,372	2,404	2,436	2,464	2,492	2,519	2,549	2,575
Total Population in TAZs				387,910	395,802	403,695	411,701	419,768	427,883	436,053	444,330	452,633	461,008	469,436	478,035	486,683
Population outside of TAZs				2,247	2,261	2,273	2,310	2,347	2,384	2,420	2,457	2,494	2,531	2,568	2,605	2,642
Total.....				390,157	398,063	405,968	414,011	422,115	430,267	438,473	446,788	455,127	463,539	472,004	480,640	489,326

United Water Service Area	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
Total Population.....	266,497	270,214	273,862	279,106	284,384	289,688	295,021	300,420	305,829	311,279	316,757	322,344	327,956
Pct of County.....	68.3%	67.9%	67.5%	67.4%	67.4%	67.3%	67.3%	67.2%	67.2%	67.2%	67.1%	67.1%	67.0%

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United Water - Idaho Service Area Population Forecast
by Ada County Traffic Analysis Zones (TAZ): 1999 to 2050

TAZ	United Water	Weight	Plng. Area or City	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038
290		1	Unicorp.	1,694	1,730	1,768	1,806	1,845	1,885	1,926	1,968	2,011	2,054	2,099	2,145	2,191
291		1	Unicorp.	335	342	349	356	363	370	378	385	393	401	408	417	425
292		1	Unicorp.	1,158	1,172	1,187	1,202	1,217	1,232	1,247	1,263	1,279	1,295	1,311	1,327	1,344
293		1	Unicorp.	4,156	4,289	4,427	4,568	4,715	4,866	5,022	5,183	5,349	5,521	5,698	5,881	6,069
294	UW	0.5	Unicorp.	410	427	444	461	480	499	519	540	561	584	607	631	657
295	UW	0.5	Unicorp.	74	77	80	83	86	90	93	97	101	105	109	113	118
296		1	Unicorp.	453	464	474	485	495	506	518	529	541	553	566	578	591
297		1	Unicorp.	440	449	457	466	475	484	493	502	512	521	531	541	551
298		1	Unicorp.	361	367	374	381	388	396	403	410	418	426	434	442	450
299		1	Unicorp.	138	139	141	143	145	147	149	151	152	154	156	158	160
300		1	Unicorp.	214	216	218	221	223	226	228	231	233	236	238	241	244
301		1	Unicorp.	277	283	289	295	301	307	313	320	326	333	340	347	354
302	UW	0.25	Unicorp.	163	170	177	184	191	199	207	215	223	232	242	251	261
303	UW	0.75	Unicorp.	592	616	640	666	693	720	749	779	810	843	876	912	948
304	UW	0.75	Unicorp.	1,675	1,698	1,721	1,744	1,767	1,791	1,815	1,840	1,865	1,890	1,915	1,941	1,967
305		1	Unicorp.	829	844	858	874	889	904	920	936	953	969	986	1,004	1,021
306		1	Unicorp.	324	329	335	341	346	352	358	364	370	376	382	389	395
307		1	Unicorp.	808	819	831	842	854	865	877	889	901	914	926	939	952
308		1	Unicorp.	503	510	517	525	532	539	547	554	562	570	578	586	594
309		1	Unicorp.	791	808	826	843	862	880	899	918	938	958	979	1,000	1,021
310		1	Unicorp.	238	250	255	261	267	273	279	285	291	297	304	311	318
311		1	Kuna	4,376	4,442	4,509	4,577	4,647	4,717	4,788	4,860	4,934	5,008	5,084	5,161	5,238
312		1	Kuna	2,508	2,562	2,618	2,675	2,734	2,793	2,854	2,917	2,980	3,045	3,112	3,180	3,249
313		1	Kuna	351	358	365	372	380	387	395	403	411	419	427	436	445
314		1	Unicorp.	743	758	773	788	803	819	835	851	868	884	902	919	937
315		1	Kuna	161	170	173	177	180	184	188	191	195	199	203	207	211
316		1	Unicorp.	204	208	212	217	221	226	230	235	240	245	250	255	260
317		1	Kuna	1,169	1,188	1,207	1,227	1,247	1,268	1,266	1,287	1,308	1,329	1,351	1,373	1,395
318		1	Unicorp.	148	155	157	160	162	164	167	169	172	174	177	179	182
319		1	Unicorp.	165	170	171	171	172	173	173	174	175	175	176	177	178
320		1	Unicorp.	411	419	426	434	442	450	458	467	475	484	493	502	511
399	UW	0.75	Unicorp.	2,607	2,640	2,672	2,706	2,739	2,773	2,807	2,842	2,877	2,913	2,949	2,986	3,023
Total Population in TAZs				496,300	506,213	516,329	526,669	537,241	548,046	559,074	570,374	581,939	593,767	605,866	618,253	630,925
Population outside of TAZs				2,745	2,800	2,856	2,913	2,971	3,031	3,091	3,153	3,216	3,285	3,355	3,427	3,500
Total				499,045	509,013	519,185	529,582	540,212	551,077	562,166	573,527	585,155	597,052	609,221	621,680	634,425

United Water Service Area	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038
Total Population	334,294	340,814	347,480	354,290	361,250	368,361	375,630	383,060	390,666	398,442	406,394	414,535	422,862
Pct of County	67.0%	66.9%	66.9%	66.9%	66.9%	66.8%	66.8%	66.8%	66.8%	66.7%	66.6%	66.5%	66.5%

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United Water - Idaho Service Area Population Forecast
by Ada County Traffic Analysis Zones (TAZ): 1999 to 2050

TAZ	United Water	Weight	Plng. Area or City	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	Abs. Chg. 2000 - 2050
290		1	Unicorp.	2,239	2,287	2,337	2,387	2,439	2,492	2,546	2,601	2,658	2,716	2,774	2,835	1,994
291		1	Unicorp.	433	442	451	460	469	478	488	497	507	517	528	538	338
292		1	Unicorp.	1,360	1,377	1,394	1,412	1,429	1,447	1,465	1,484	1,502	1,521	1,540	1,559	572
293		1	Unicorp.	6,264	6,465	6,672	6,886	7,107	7,335	7,570	7,812	8,063	8,322	8,588	8,864	8,416
294	UW	0.5	Unicorp.	683	710	739	768	799	831	864	899	935	972	1,011	1,051	765
295	UW	0.5	Unicorp.	123	128	133	138	144	149	155	162	168	175	182	189	149
296		1	Unicorp.	604	618	632	646	660	675	690	706	721	738	754	771	556
297		1	Unicorp.	562	573	583	594	606	617	629	641	653	665	678	691	457
298		1	Unicorp.	458	467	476	484	493	503	512	521	531	541	551	561	354
299		1	Unicorp.	163	165	167	169	171	173	175	178	180	182	185	187	72
300		1	Unicorp.	246	249	252	254	257	260	263	266	269	272	275	278	92
301		1	Unicorp.	362	369	377	385	393	401	409	418	426	435	444	454	312
302	UW	0.25	Unicorp.	272	283	294	306	318	331	344	358	372	387	402	418	349
303	UW	0.75	Unicorp.	986	1,025	1,066	1,109	1,153	1,200	1,248	1,297	1,349	1,403	1,459	1,518	1,154
304	UW	0.75	Unicorp.	1,994	2,021	2,048	2,075	2,103	2,132	2,160	2,189	2,219	2,249	2,279	2,310	951
305		1	Unicorp.	1,039	1,057	1,076	1,095	1,114	1,134	1,153	1,174	1,194	1,215	1,236	1,258	744
306		1	Unicorp.	402	409	416	423	430	437	444	452	459	467	475	483	275
307		1	Unicorp.	965	979	992	1,006	1,019	1,034	1,048	1,062	1,077	1,092	1,107	1,122	578
308		1	Unicorp.	602	611	619	628	636	645	654	663	673	682	692	701	322
309		1	Unicorp.	1,043	1,065	1,088	1,111	1,135	1,160	1,184	1,210	1,236	1,262	1,289	1,317	971
310		1	Unicorp.	325	332	339	346	354	362	370	378	386	395	403	412	321
311		1	Kuna	5,318	5,398	5,479	5,562	5,646	5,731	5,818	5,906	5,995	6,085	6,177	6,271	3,660
312		1	Kuna	3,320	3,392	3,466	3,542	3,619	3,698	3,779	3,861	3,945	4,031	4,119	4,209	3,301
313		1	Kuna	453	462	472	481	491	500	510	520	531	541	552	563	392
314		1	Unicorp.	955	974	993	1,012	1,032	1,052	1,073	1,094	1,115	1,137	1,159	1,181	788
315		1	Kuna	216	220	224	229	233	238	243	248	253	258	263	268	189
316		1	Unicorp.	266	271	277	282	288	294	300	306	313	319	326	332	239
317		1	Kuna	1,418	1,441	1,465	1,489	1,513	1,538	1,563	1,589	1,615	1,641	1,668	1,695	981
318		1	Unicorp.	185	188	190	193	196	199	202	205	208	211	214	217	132
319		1	Unicorp.	178	179	180	180	181	182	183	183	184	185	186	186	(22)
320		1	Unicorp.	520	530	539	549	559	569	580	590	601	612	623	635	403
399	UW	0.75	Unicorp.	3,060	3,098	3,137	3,176	3,215	3,255	3,295	3,336	3,377	3,419	3,462	3,505	1,424
Total Population in TAZs				643,890	657,156	670,731	684,609	698,811	713,469	728,478	743,833	759,558	775,663	792,161	809,061	518,499
Population outside of TAZs				3,575	3,651	3,724	3,799	3,874	3,952	4,035	4,120	4,206	4,295	4,385	4,477	2,429
Total.....				647,465	660,807	674,455	688,407	702,686	717,421	732,513	747,952	763,764	779,958	796,545	813,537	520,928

United Water Service Area	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	'00 - '50
Total Population.....	431,379	440,092	449,005	458,111	467,427	477,081	486,967	497,075	507,427	518,030	528,892	540,020	325,404
Pct of County.....	66.4%	66.3%	66.3%	66.3%	66.4%	66.4%	66.4%	66.4%	66.4%	66.3%	66.3%	66.3%	62.5%

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United Water Idaho

Appendix A
to

Integrated Municipal Application Package ("IMAP")

Detailed Regression Analysis Information

for Statistical Regressions Utilized to Forecast United Water Idaho Water Demand and Customer Growth for the Residential and Commercial Customer Classes

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Residential Water Use Per Customer
Static Simulation of the Estimated Regression Equation at the Mean

Hundreds of Cubic Feet of Water Used per Residential Customer each Bi-Monthly Billing Period

= 20.399 - 10.455 * K - 3.758 * I + 0.257 * J + 3.481 * Bmay + 14.516 * BJune + 29.897 * BJul + 43.789 * BAug + 49.402 * BSep + 35.958 * BOct + 18.801 * BNov + 5.811 * BDec

Regression Coefficients (100 CF of Water Use per Bi-Monthly Billing Cycle)	Independent Variables	Bi-Monthly Billing Periods	Average Independent Variable Value	Contribution to Simulation of UW Annual Residential Water Use per Customer
20.399	Constant Term	6	20.399	122.4
-10.455	**K**: Marginal Cost of 100 C.F. of Water in Constant 1999 $	6	0.8570	(53.8)
-3.758	**I**: Precipitation Variable (The Weighted Average of Current Month & Lagged Monthly Precipitation at The Boise WSO)	6	0.9694	(21.9)
0.257	**J**: Average Temperature Variable (The Weighted Average of Current Month & Lagged Monthly Average Temperatures at The Boise WSO)	6	51.1650	78.9
3.481	**BMay** - Monthly binary variable for the month of May	6	0.08673	1.8
14.516	**BJune** - Monthly binary variable for the month of June	6	0.08673	7.6
29.687	**BJul** - Monthly binary variable for the month of July	6	0.08163	14.5
43.789	**BAug** - Monthly binary variable for the month of August	6	0.08163	21.4
49.402	**BSep** - Monthly binary variable for the month of September	6	0.08163	24.2
35.958	**BOct** - Monthly binary variable for the month of October	6	0.08163	17.6
18.801	**BNov** - Monthly binary variable for the month of November	6	0.08163	9.2
5.811	**BDec** - Monthly binary variable for the month of December	6	0.08163	2.8

(1) Regression Simulated Annual Average Water Use per Customer at the Mean (100 cu. ft.)	212.833
(2) Average Bi-Monthly Water Use per Customer (100 cu. ft.) x 6 Bi-Monthly Billing Cycles Annually	224.909
(3) Average Simulation Error at The Mean	-5.4%

Regression Statistics:

R-Squared = .959
Adjusted R-Squared = .957
Standard Error of the Estimate = 4.7218
F Statistic = 391.963
Degrees of Freedom = 11
Number of Observations = 196

Commercial Water Use Per Customer
Static Simulation of the Estimated Regression Equation at the Mean

Hundreds of Cubic Feet of Water Used per Commercial Customer each Bi-Monthly Billing Period = 89.992 - 18.253 * K - 7.091 * I + 0.850 * J + 36.451 * BJune + 67.042 * BJul + 111.538 * BAug + 121.805 * BSep + 112.584 * BOct + 66.286 * BNov + 26.042 * BDec

Regression Coefficients (100 CF of Water Use per Bi-Monthly Billing Cycle)	Independent Variables	Bi-Monthly Billing Periods	Average Independent Variable Value	Contribution to Simulation of UW Annual Residential Water Use per Customer
89.992	Constant Term	6	89.992	540.0
-18.253	K: Marginal Cost of 100 C.F. of Water in Constant 1999 $	6	0.8570	(93.9)
-7.091	I: Precipitation Variable (The Weighted Average of Current Month & Lagged Monthly Precipitation at The Boise WSO)	6	0.9694	(41.2)
0.850	J: Average Temperature Variable (The Weighted Average of Current Month & Lagged Monthly Average Temperatures at The Boise WSO)	6	51.1650	260.9
36.541	**BJune** - Monthly binary variable for the month of June	6	0.08673	19.0
67.042	**BJul** - Monthly binary variable for the month of July	6	0.08163	32.8
111.538	**BAug** - Monthly binary variable for the month of August	6	0.08163	54.6
121.805	**BSep** - Monthly binary variable for the month of September	6	0.08163	59.7
112.564	**BOct** - Monthly binary variable for the month of October	6	0.08163	55.1
66.286	**BNov** - Monthly binary variable for the month of November	6	0.08163	32.5
26.042	**BDec** - Monthly binary variable for the month of December	6	0.08163	12.8

(1) Regression Simulated Annual Average Water Use per Customer at the Mean (100 cu. ft.)	887.062
(2) Average Bi-Monthly Water Use per Customer (100 cu. ft.) x 6 Bi-Monthly Billing Cycles Annually	932.294
(3) Average Simulation Error at The Mean	-4.9%

Regression Statistics:

R-Squared = .931
Adjusted R-Squared = .927
Standard Error of the Estimate = 16.7637
F Statistic = 249.637
Degrees of Freedom = 10
Number of Observations = 196

Number of Residential Water Customers
Static Simulation of the Estimated Regression Equation at the Mean

Number of Residential Customers in each Bi-Monthly Billing Period = 3472.453 + 0.174 * K + 4715.372 * Bin1 + 785.831 * Bin2

Regression Coefficients # of Residential Customers per Bi-Monthly Billing Cycle	Independent Variables	Bi-Monthly Billing Periods	Average Independent Variable Value	UW Annual Residential Water Use per Customer
3472.453	Constant Term	6	3472.453	20,834.7
0.174	**K**: United Water Service Area Population	6	227,837	237,861.8
4715.372	**Bin1** - Binary Variable: Acquisition of South County Water Service Area	6	0.09091	2,572.0
785.831	**Bin2** - Binary Variable for the Acquisition of Garden City/ NW Boise Customers in the Early 1990s	6	0.0000	0.0

(1) Regression Simulated Annual Average Number of Residential Customers	43,544.765
(2) Average Number of Residential Customers Annually	43,630.298
(3) Average Simulation Error at The Mean	-0.2%

Regression Statistics:

R-Squared = .993	Standard Error of the Estimate = 553.9112	Degrees of Freedom = 3
Adjusted R-Squared = .993	F Statistic = 9,544.812	Number of Observations = 198

Number of Commercial Water Customers
Static Simulation of the Estimated Regression Equation at the Mean

Number of Commercial Customers in each Bi-Monthly Billing Period = 833.673 + 0.03936 * K

Regression Coefficients # of Commercial Customers per Bi-Monthly Billing Cycle	Independent Variables	Bi-Monthly Billing Periods	Average Independent Variable Value	UW Annual Residential Water Use per Customer
833.673	Constant Term	6	833.673	5,002.0
0.03936	**K**: Nonagricultural Employment in Ada County	6	122,797	28,999.8

(1) Regression Simulated Annual Average Number of Commercial Customers	5,666.970
(2) Average Number of Commercial Customers Annually	5,679.573
(3) Average Simulation Error at The Mean	-0.2%

Regression Statistics:

R-Squared = .934	Standard Error of the Estimate = 319.9467	Degrees of Freedom = 1
Adjusted R-Squared = .934	F Statistic = 2,773.290	Number of Observations = 192

Annual Residential Customer Class Water Use
Static Simulation of the Estimated Regression Equation at the Mean

Annual Water Use: Residential Customers = -9489.976 - 815.179 * K - 176.587 * I + 187.826 * J + 0.02332 * Popul + 1088.316 * Bin1 - 241.298 * Bin2

Regression Coefficients (100 CF of Water Use per Bi-Monthly Billing Cycle)	Independent Variables		Average Independent Variable Value	Contribution to Simulation of UW Annual Residential Water Use
-9489.978	Constant Term	1	-9489.978	(9,489,978.0)
-815.179	K: Marginal Cost of 100 C.F. of Water in Constant 1999 $	1	0.742	(604,862.8)
-176.587	I: Summer Month Precipitation Variable (Yearly Precipitation during the Months of May to September at the Boise WSO)	1	3.547	(626,354.1)
187.826	J: Summer Month average Temperature Variable (The Sum of May to September monthly average temperatures at the Boise WSO)	1	67.2930	12,639,375.0
0.02332	**Popul** - Population in the United Water Idaho Planning Area	1	226,129	5,273,328.3
1088.316	**Bin1** - Binary Variable to Account for South Couty Water Service Area	1	0.06250	68,019.8
-241.298	**Bin2** - Binary for Early 1990's Fluctuation in Total Customers	1	0.00516	(1,245.8)
	(1) Regression Simulated Annual Residential Water Use at the Mean (100 cu. ft.)			7,191,508
	(2) Average Annual Residential Water Use (100 cu. ft.)			7,244,936
	(3) Average Simulation Error at The Mean			-0.7%

Regression Statistics:

R-Squared = .976
Adjusted R-Squared = .960
Standard Error of the Estimate = 189.4363
F Statistic = 60.596
Degrees of Freedom = 6
Number of Observations = 16

Annual Commercial Customer Class Water Use
Static Simulation of the Estimated Regression Equation at the Mean

Annual Water Use: Commercial Customers = -9489.976 - 815.179 * K - 176.587 * I + 187.826 * J + 0.02332 * Popul + 1088.316 * Bin1 - 241.298 * Bin2

Regression Coefficients (100 CF of Water Use per Bi-Monthly Billing Cycle)	Independent Variables		Average Independent Variable Value	Contribution to Simulation of UW Annual Residential Water Use
-10105.942	Constant Term	1	-10105.942	(10,105,942.0)
-1280.955	**K**: Marginal Cost of 100 C.F. of Water in Constant 1999 $	1	0.742	(950,468.6)
-58.333	**I**: Summer Month Precipitation Variable (Yearly Precipitation during the Months of May to September at the Boise WSO)	1	3.547	(206,907.2)
145.631	**J**: Summer Month average Temperature Variable (The Sum of May to September monthly average temperatures at the Boise WSO)	1	67.2930	9,799,946.9
0.04765	**NAG** - Nonagricultural employment in the United Water Idaho Planning Area	1	120,198	5,727,434.7
-521.145	**CBin1** - Binary Variable to Account for South County Water Service Area	1	0.60526	(315,429.8)
	(1) Regression Simulated Annual Residential Water Use at the Mean (100 cu. ft.)			3,948,634
	(2) Average Annual Residential Water Use (100 cu. ft.)			3,884,792
	(3) Average Simulation Error at The Mean			1.6%

Regression Statistics:

R-Squared = .997 — Standard Error of the Estimate = 78.8892 — Degrees of Freedom = 5

Adjusted R-Squared = .991 — F Statistic = 344.896 — Number of Observations = 16

Annual Public/Municipal Customer Class Water Use
Static Simulation of the Estimated Regression Equation at the Mean

Annual Water Use: Public/Municipal Customers = -435.314 - 112.575 * K - 6.266 * I + 4.723 * J + 0.001275 * Popul - 14.257 * PBin1

Regression Coefficients (100 CF of Water Use per Bi-Monthly Billing Cycle)	Independent Variables		Average Independent Variable Value	Contribution to Simulation of UW Annual Residential Water Use
-435.314	Constant Term	1	-435.314	(435,314.0)
-112.575	**K**: Marginal Cost of 100 C.F. of Water in Constant 1999 $	1	0.742	(83,530.7)
-6.266	**I**: Summer Month Precipitation Variable	1	3.547	(22,225.5)
4.723	**J**: Summer Month Average Temperature Variable	1	67.2930	317,824.8
0.00128	**Popul** - Population in the United Water Idaho Planning Area	1	226,129	288,314.5
-14.257	**PBin1** - Binary Variable to Account for South County Water Service Area	1	0.15789	(2,251.1)
	(1) Regression Simulated Annual Residential Water Use at the Mean (100 cu. ft.)			62,818
	(2) Average Annual Residential Water Use (100 cu. ft.)			62,455
	(3) Average Simulation Error at The Mean			0.6%

Regression Statistics:

R-Squared = .997 — Standard Error of the Estimate = 78.8892 — Degrees of Freedom = 5

Adjusted R-Squared = .991 — F Statistic = 344.896 — Number of Observations = 16

Regression

Variables Entered/Removed[b]

Model	Variables Entered	Variables Removed	Method
1	AVGTEMP 3, BMAY, BNOV, BJUNE, WATERMC 9, BDEC, BOCT, BJUL, PRECIP3, BSEP, BAUG[a]	.	Enter

a. All requested variables entered.

b. Dependent Variable: RESIDENT

Model Summary[b]

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate	Durbin-Watson
1	.979[a]	.959	.957	4.7218	.865

a. Predictors: (Constant), AVGTEMP3, BMAY, BNOV, BJUNE, WATERMC9, BDEC, BOCT, BJUL, PRECIP3, BSEP, BAUG

b. Dependent Variable: RESIDENT

ANOVA[b]

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	96130.387	11	8739.126	391.963	.000[a]
	Residual	4102.423	184	22.296		
	Total	100232.81	195			

a. Predictors: (Constant), AVGTEMP3, BMAY, BNOV, BJUNE, WATERMC9, BDEC, BOCT, BJUL, PRECIP3, BSEP, BAUG

b. Dependent Variable: RESIDENT

Descriptive Statistics

	Mean	Std. Deviation	N
RESIDENT	37.4848	22.6719	196
WATERMC9	.8570	.1236	196
BMAY	8.673E-02	.2822	196
BJUNE	8.673E-02	.2822	196
BJUL	8.163E-02	.2745	196
BAUG	8.163E-02	.2745	196
BSEP	8.163E-02	.2745	196
BOCT	8.163E-02	.2745	196
BNOV	8.163E-02	.2745	196
BDEC	8.163E-02	.2745	196
PRECIP3	.9694	.5744	196
AVGTEMP3	51.1650	14.6530	196

Coefficients[a]

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	20.399	3.821		5.338	.000
	WATERMC9	-10.455	2.864	-.057	-3.651	.000
	BMAY	3.481	1.774	.043	1.962	.051
	BJUNE	14.516	2.232	.181	6.503	.000
	BJUL	29.687	2.819	.359	10.530	.000
	BAUG	43.789	3.256	.530	13.447	.000
	BSEP	49.402	3.201	.598	15.434	.000
	BOCT	35.958	2.629	.435	13.677	.000
	BNOV	18.801	1.875	.228	10.030	.000
	BDEC	5.811	1.360	.070	4.273	.000
	PRECIP3	-3.758	.724	-.095	-5.189	.000
	AVGTEMP3	.257	.081	.166	3.185	.002

a. Dependent Variable: RESIDENT

Casewise Diagnostics[a]

Case Number	Std. Residual	RESIDENT	Predicted Value	Residual
20	2.110	82.68	72.7184	9.9617
23	-2.229	27.10	37.6275	-10.5246
32	2.798	86.14	72.9304	13.2139
33	2.073	85.51	75.7197	9.7899
42	2.132	50.18	40.1094	10.0661
131	2.997	53.55	39.4005	14.1528
175	-2.288	37.34	48.1440	-10.8039
176	-2.903	55.45	69.1542	-13.7057

a. Dependent Variable: RESIDENT

Residuals Statistics[a]

	Minimum	Maximum	Mean	Std. Deviation	N
Predicted Value	9.9622	79.9912	37.4848	22.2031	196
Residual	-13.7057	14.1528	-1.45E-14	4.5867	196
Std. Predicted Value	-1.240	1.914	.000	1.000	196
Std. Residual	-2.903	2.997	.000	.971	196

a. Dependent Variable: RESIDENT

Bimonthly
Residential Water Use Regression

Model		Correlations		
		Zero-order	Partial	Part
1	(Constant)			
	WATERMC9	.122	-.254	-.053
	BMAY	-.203	.160	.033
	BJUNE	-.021	.448	.102
	BJUL	.226	.623	.162
	BAUG	.451	.712	.206
	BSEP	.524	.757	.236
	BOCT	.323	.717	.209
	BNOV	.044	.602	.153
	BDEC	-.184	.304	.065
	PRECIP3	-.607	-.353	-.077
	AVGTEMP3	.900	.214	.044

a. Dependent Variable: RESIDENT

Correlations

		BAUG	BSEP	BOCT	BNOV	BDEC	RESIDENT	WATERMC9	BMAY	BJUNE	BJUL	PRECIP3	AVGTEMP3
Pearson Correlation	RESIDENT	.451	.524	.323	.044	-.184	1.000	.122	-.203	-.021	.226	-.607	.900
	WATERMC9	.111	.127	-.080	-.061	-.060	.122	1.000	.100	.094	.086	-.074	.223
	BMAY	-.092	-.092	-.092	-.092	-.092	-.203	.100	1.000	-.095	-.092	.188	-.016
	BJUNE	-.092	-.092	-.092	-.092	-.092	-.021	.094	-.095	1.000	-.092	.139	.144
	BJUL	-.089	-.089	-.089	-.089	-.089	.226	.086	-.092	-.092	1.000	-.061	.312
	BAUG	1.000	-.089	-.089	-.089	-.089	.451	.111	-.092	-.092	-.089	-.289	.426
	BSEP	-.089	1.000	-.089	-.089	-.089	.524	.127	-.092	-.092	-.089	-.312	.409
	BOCT	-.089	-.089	1.000	-.089	-.089	.323	-.080	-.092	-.092	-.089	-.220	.248
	BNOV	-.089	-.089	-.089	1.000	-.089	.044	-.061	-.092	-.092	-.089	-.087	.013
	BDEC	-.089	-.089	-.089	-.089	1.000	-.184	-.060	-.092	-.092	-.089	.078	-.233
	PRECIP3	-.289	-.312	-.220	-.087	.078	-.607	-.074	.188	.139	-.061	1.000	-.470
	AVGTEMP3	.426	.409	.248	.013	-.233	.900	.223	-.016	.144	.312	-.470	1.000
Sig. (1-tailed)	RESIDENT	.000	.000	.000	.271	.005	.	.044	.002	.384	.001	.000	.000
	WATERMC9	.060	.039	.131	.197	.203	.044	.	.082	.096	.116	.150	.001
	BMAY	.100	.100	.100	.100	.100	.002	.082	.	.093	.100	.004	.413
	BJUNE	.100	.100	.100	.100	.100	.384	.096	.093	.	.100	.026	.022
	BJUL	.108	.108	.108	.108	.108	.001	.116	.100	.100	.	.196	.000
	BAUG	.	.108	.108	.108	.108	.000	.060	.100	.100	.108	.000	.000
	BSEP	.108	.	.108	.108	.108	.000	.039	.100	.100	.108	.000	.000
	BOCT	.108	.108	.	.108	.108	.000	.131	.100	.100	.108	.001	.000
	BNOV	.108	.108	.108	.	.108	.271	.197	.100	.100	.108	.111	.426
	BDEC	.108	.108	.108	.108	.	.005	.203	.100	.100	.108	.139	.001
	PRECIP3	.000	.000	.001	.111	.139	.000	.150	.004	.026	.196	.	.000
	AVGTEMP3	.000	.000	.000	.426	.001	.000	.001	.413	.022	.000	.000	.
N	RESIDENT	196	196	196	196	196	196	196	196	196	196	196	196
	WATERMC9	196	196	196	196	196	196	196	196	196	196	196	196
	BMAY	196	196	196	196	196	196	196	196	196	196	196	196
	BJUNE	196	196	196	196	196	196	196	196	196	196	196	196
	BJUL	196	196	196	196	196	196	196	196	196	196	196	196
	BAUG	196	196	196	196	196	196	196	196	196	196	196	196
	BSEP	196	196	196	196	196	196	196	196	196	196	196	196
	BOCT	196	196	196	196	196	196	196	196	196	196	196	196
	BNOV	196	196	196	196	196	196	196	196	196	196	196	196
	BDEC	196	196	196	196	196	196	196	196	196	196	196	196
	PRECIP3	196	196	196	196	196	196	196	196	196	196	196	196
	AVGTEMP3	196	196	196	196	196	196	196	196	196	196	196	196

Correlations

Regression

Bimonthly
Residential Customer Regression

Variables Entered/Removed[b]

Model	Variables Entered	Variables Removed	Method
1	BIN2, NPT2, BIN1[a]	.	Enter

a. All requested variables entered.

b. Dependent Variable: RCUST2

Model Summary[b]

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate	Durbin-Watson
1	.997[a]	.993	.993	553.9112	.624

a. Predictors: (Constant), BIN2, NPT2, BIN1

b. Dependent Variable: RCUST2

ANOVA[b]

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	8.79E+09	3	2928516840	9544.812	.000[a]
	Residual	59522626	194	306817.659		
	Total	8.85E+09	197			

a. Predictors: (Constant), BIN2, NPT2, BIN1

b. Dependent Variable: RCUST2

Coefficients[a]

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	3472.453	310.589		11.180	.000
	NPT2	.174	.001	.883	125.818	.000
	BIN1	4715.372	168.449	.203	27.993	.000
	BIN2	785.831	88.026	.055	8.927	.000

a. Dependent Variable: RCUST2

Casewise Diagnostics[a]

Case Number	Std. Residual	RCUST2	Predicted Value	Residual
107	4.755	43412.00	40777.9666	2634.0334
108	4.972	43532.00	40777.9666	2754.0334

a. Dependent Variable: RCUST2

Residuals Statistics[a]

	Minimum	Maximum	Mean	Std. Deviation	N
Predicted Value	35898.531	59122.945	43630.298	6678.0763	198
Residual	-1002.0854	2754.0334	2.425E-12	549.6775	198
Std. Predicted Value	-1.158	2.320	.000	1.000	198
Std. Residual	-1.809	4.972	.000	.992	198

a. Dependent Variable: RCUST2

Regression

Variables Entered/Removed[b]

Model	Variables Entered	Variables Removed	Method
1	BDEC, WATERMC 9, PRECIP3, BJUL, BNOV, BJUNE, BOCT, BAUG, BSEP, AVGTEMP 3[a]	.	Enter

a. All requested variables entered.

b. Dependent Variable: COMMERCI

Model Summary[b]

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate	Durbin-Wa tson
1	.965[a]	.931	.927	16.7637	1.408

a. Predictors: (Constant), BDEC, WATERMC9, PRECIP3, BJUL, BNOV, BJUNE, BOCT, BAUG, BSEP, AVGTEMP3

b. Dependent Variable: COMMERCI

ANOVA[b]

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	701536.57	10	70153.657	249.637	.000[a]
	Residual	51989.203	185	281.023		
	Total	753525.77	195			

a. Predictors: (Constant), BDEC, WATERMC9, PRECIP3, BJUL, BNOV, BJUNE, BOCT, BAUG, BSEP, AVGTEMP3

b. Dependent Variable: COMMERCI

Descriptive Statistics

	Mean	Std. Deviation	N
COMMERCI	155.3824	62.1630	196
PRECIP3	.9694	.5744	196
AVGTEMP3	51.1650	14.6530	196
WATERMC9	.8570	.1236	196
BJUNE	8.673E-02	.2822	196
BJUL	8.163E-02	.2745	196
BAUG	8.163E-02	.2745	196
BSEP	8.163E-02	.2745	196
BOCT	8.163E-02	.2745	196
BNOV	8.163E-02	.2745	196
BDEC	8.163E-02	.2745	196

Casewise Diagnostics[a]

Case Number	Std. Residual	COMMERCI	Predicted Value	Residual
23	-2.341	131.80	171.2705	-39.4711
32	2.414	286.10	245.4053	40.6909
57	2.052	291.07	256.4646	34.6043
117	-2.379	208.92	249.0188	-40.1032
179	2.212	217.13	179.8359	37.2978
186	2.575	191.59	148.1771	43.4144
188	2.923	290.22	240.9438	49.2805
191	-2.368	144.14	184.0747	-39.9318
198	2.810	192.38	145.0029	47.3807

a. Dependent Variable: COMMERCI

Coefficients[a]

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	89.992	11.529		7.806	.000
	PRECIP3	-7.091	2.567	-.066	-2.762	.006
	AVGTEMP3	.850	.210	.200	4.043	.000
	WATERMC9	-18.253	10.129	-.036	-1.802	.073
	BJUNE	36.541	6.036	.166	6.053	.000
	BJUL	67.042	7.450	.296	8.999	.000
	BAUG	111.538	8.603	.493	12.964	.000
	BSEP	121.805	8.487	.538	14.352	.000
	BNOV	66.286	5.478	.293	12.101	.000
	BOCT	112.564	7.171	.497	15.698	.000
	BDEC	26.042	4.596	.115	5.666	.000

a. Dependent Variable: COMMERCI

Casewise Diagnostics[a]

Case Number	Std. Residual	COMMERCI	Predicted Value	Residual
23	-2.335	131.80	170.9422	-39.1428
32	2.423	286.10	245.4796	40.6166
57	2.056	291.07	256.6012	34.4677
117	-2.380	208.92	248.8086	-39.8930
179	2.224	217.13	179.8512	37.2825
186	2.615	191.59	147.7547	43.8368
188	2.948	290.22	240.7967	49.4276
191	-2.392	144.14	184.2380	-40.0951
198	2.627	192.38	148.3470	44.0366

a. Dependent Variable: COMMERCI

Residuals Statistics[a]

	Minimum	Maximum	Mean	Std. Deviation	N
Predicted Value	83.9061	259.0462	155.3824	59.9802	196
Residual	-40.0951	49.4276	4.872E-14	16.3282	196
Std. Predicted Value	-1.192	1.728	.000	1.000	196
Std. Residual	-2.392	2.948	.000	.974	196

a. Dependent Variable: COMMERCI

Bimonthly
Commercial Water Use Regression

Coefficients[a]

Model		Correlations		
		Zero-order	Partial	Part
1	(Constant)			
	PRECIP3	-.587	-.191	-.051
	AVGTEMP3	.868	.272	.075
	WATERMC9	.113	-.125	-.033
	BJUNE	-.022	.415	.120
	BJUL	.172	.555	.176
	BAUG	.423	.692	.253
	BSEP	.470	.727	.280
	BOCT	.395	.757	.306
	BNOV	.116	.666	.236
	BDEC	-.138	.384	.110

a. Dependent Variable: COMMERCI

Correlations

		COMMERCI	PRECIP3	AVGTEMP3	WATERMC9	BJUNE	BJUL	BAUG	BSEP	BOCT	BNOV	BDEC
Pearson Correlation	COMMERCI	1.000	-.587	.868	.113	-.022	.172	.423	.470	.395	.116	-.138
	PRECIP3	-.587	1.000	-.470	-.074	.139	-.061	-.289	-.312	-.220	-.087	.078
	AVGTEMP3	.868	-.470	1.000	.223	.144	.312	.426	.409	.248	.013	-.233
	WATERMC9	.113	-.074	.223	1.000	.094	.086	.111	.127	-.080	-.061	-.060
	BJUNE	-.022	.139	.144	.094	1.000	-.092	-.092	-.092	-.092	-.092	-.092
	BJUL	.172	-.061	.312	.086	-.092	1.000	-.089	-.089	-.089	-.089	-.089
	BAUG	.423	-.289	.426	.111	-.092	-.089	1.000	-.089	-.089	-.089	-.089
	BSEP	.470	-.312	.409	.127	-.092	-.089	-.089	1.000	-.089	-.089	-.089
	BOCT	.395	-.220	.248	-.080	-.092	-.089	-.089	-.089	1.000	-.089	-.089
	BNOV	.116	-.087	.013	-.061	-.092	-.089	-.089	-.089	-.089	1.000	-.089
	BDEC	-.138	.078	-.233	-.060	-.092	-.089	-.089	-.089	-.089	-.089	1.000
Sig. (1-tailed)	COMMERCI	.	.000	.000	.057	.381	.008	.000	.000	.000	.053	.027
	PRECIP3	.000	.	.000	.150	.026	.196	.000	.000	.001	.111	.139
	AVGTEMP3	.000	.000	.	.001	.022	.000	.000	.000	.000	.426	.001
	WATERMC9	.057	.150	.001	.	.096	.116	.060	.039	.131	.197	.203
	BJUNE	.381	.026	.022	.096	.	.100	.100	.100	.100	.100	.100
	BJUL	.008	.196	.000	.116	.100	.	.108	.108	.108	.108	.108
	BAUG	.000	.000	.000	.060	.100	.108	.	.108	.108	.108	.108
	BSEP	.000	.000	.000	.039	.100	.108	.108	.	.108	.108	.108
	BOCT	.000	.001	.000	.131	.100	.108	.108	.108	.	.108	.108
	BNOV	.053	.111	.426	.197	.100	.108	.108	.108	.108	.	.108
	BDEC	.027	.139	.001	.203	.100	.108	.108	.108	.108	.108	.
N	COMMERCI	196	196	196	196	196	196	196	196	196	196	196
	PRECIP3	196	196	196	196	196	196	196	196	196	196	196
	AVGTEMP3	196	196	196	196	196	196	196	196	196	196	196
	WATERMC9	196	196	196	196	196	196	196	196	196	196	196
	BJUNE	196	196	196	196	196	196	196	196	196	196	196
	BJUL	196	196	196	196	196	196	196	196	196	196	196
	BAUG	196	196	196	196	196	196	196	196	196	196	196
	BSEP	196	196	196	196	196	196	196	196	196	196	196
	BOCT	196	196	196	196	196	196	196	196	196	196	196
	BNOV	196	196	196	196	196	196	196	196	196	196	196
	BDEC	196	196	196	196	196	196	196	196	196	196	196

Regression

Variables Entered/Removed[b]

Model	Variables Entered	Variables Removed	Method
1	NAG2[a]	.	Enter

a. All requested variables entered.

b. Dependent Variable: CCUST2

Model Summary[b]

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate	Durbin-Watson
1	.966[a]	.934	.934	319.9467	.049

a. Predictors: (Constant), NAG2

b. Dependent Variable: CCUST2

ANOVA[b]

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	2.84E+08	1	283890379.7	2773.290	.000[a]
	Residual	20063719	196	102365.911		
	Total	3.04E+08	197			

a. Predictors: (Constant), NAG2

b. Dependent Variable: CCUST2

Coefficients[a]

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	833.673	93.683		8.899	.000
	NAG2	3.936E-02	.001	.966	52.662	.000

a. Dependent Variable: CCUST2

Residuals Statistics[a]

	Minimum	Maximum	Mean	Std. Deviation	N
Predicted Value	4112.6304	7827.6807	5619.6919	1200.4449	198
Residual	-431.6306	583.7097	-3.81E-13	319.1337	198
Std. Predicted Value	-1.255	1.839	.000	1.000	198
Std. Residual	-1.349	1.824	.000	.997	198

Model		Correlations		
		Zero-order	Partial	Part
1	(Constant)			
	NAG2	.966	.966	.966

a. Dependent Variable: CCUST2

Descriptive Statistics

	Mean	Std. Deviation	N
CCUST2	5679.5729	1213.4358	192
NAG2	122797.19	30199.2017	192

Correlations

		CCUST2	NAG2
Pearson Correlation	CCUST2	1.000	.966
	NAG2	.966	1.000
Sig. (1-tailed)	CCUST2	.	.000
	NAG2	.000	.
N	CCUST2	192	192

Regression

Variables Entered/Removed[b]

Model	Variables Entered	Variables Removed	Method
1	BIN2, SUMTEMP, BIN1, SUMPRECI, POPUL, SUMPRICE[a]	.	Enter

a. All requested variables entered.

b. Dependent Variable: RWATER1K

Model Summary[b]

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate	Durbin-Watson
1	.988[a]	.976	.960	189.4363	1.625

a. Predictors: (Constant), BIN2, SUMTEMP, BIN1, SUMPRECI, POPUL, SUMPRICE

b. Dependent Variable: RWATER1K

ANOVA[b]

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	13047229	6	2174538.155	60.596	.000[a]
	Residual	322974.99	9	35886.110		
	Total	13370204	15			

a. Predictors: (Constant), BIN2, SUMTEMP, BIN1, SUMPRECI, POPUL, SUMPRICE

b. Dependent Variable: RWATER1K

Coefficients[a]

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	-9489.976	2588.400		-3.666	.005
	SUMPRECI	-176.587	31.188	-.321	-5.662	.000
	SUMTEMP	187.826	37.229	.293	5.045	.001
	SUMPRICE	-815.179	813.684	-.210	-1.002	.343
	POPUL	2.332E-02	.006	.828	3.953	.003
	BIN1	1088.316	242.453	.288	4.489	.002
	BIN2	-241.298	204.524	-.064	-1.180	.268

a. Dependent Variable: RWATER1K

Residuals Statistics[a]

	Minimum	Maximum	Mean	Std. Deviation	N
Predicted Value	5868.2095	9535.4707	7244.9359	932.6389	16
Residual	-312.7564	189.3243	5.116E-13	146.7367	16
Std. Predicted Value	-1.476	2.456	.000	1.000	16
Std. Residual	-1.651	.999	.000	.775	16

a. Dependent Variable: RWATER1K

Regression

Variables Entered/Removed[b]

Model	Variables Entered	Variables Removed	Method
1	CBIN1, SUMPRECI, SUMTEMP, SUMPRICE, NAG[a]	.	Enter

a. All requested variables entered.

b. Dependent Variable: CWATER1K

Model Summary[b]

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate	Durbin-Watson
1	.997[a]	.994	.991	78.8892	1.976

a. Predictors: (Constant), CBIN1, SUMPRECI, SUMTEMP, SUMPRICE, NAG

b. Dependent Variable: CWATER1K

ANOVA[b]

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	10732307	5	2146461.477	344.896	.000[a]
	Residual	62235.122	10	6223.512		
	Total	10794543	15			

a. Predictors: (Constant), CBIN1, SUMPRECI, SUMTEMP, SUMPRICE, NAG

b. Dependent Variable: CWATER1K

Coefficients[a]

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	-10105.942	1053.869		-9.589	.000
	SUMPRECI	-58.333	11.959	-.118	-4.878	.001
	SUMTEMP	145.631	15.216	.253	9.571	.000
	SUMPRICE	-1280.955	296.967	-.368	-4.313	.002
	NAG	4.765E-02	.003	1.686	17.276	.000
	CBIN1	-521.145	70.861	-.501	-7.354	.000

a. Dependent Variable: CWATER1K

Casewise Diagnostics[a]

Case Number	Std. Residual	CWATER1K	Predicted Value	Residual
6	-1.957	3647.93	3802.3171	-154.3871

a. Dependent Variable: CWATER1K

Residuals Statistics[a]

	Minimum	Maximum	Mean	Std. Deviation	N
Predicted Value	2441.0103	5207.7656	3884.7918	845.8647	16
Residual	-154.3871	65.8254	-1.25E-12	64.4128	16
Std. Predicted Value	-1.707	1.564	.000	1.000	16
Std. Residual	-1.957	.834	.000	.816	16

a. Dependent Variable: CWATER1K

Regression

Variables Entered/Removed[b]

Model	Variables Entered	Variables Removed	Method
1	PBIN1, SUMPRICE, SUMPRECI, SUMTEMP, POPUL[a]	.	Enter

a. All requested variables entered.

b. Dependent Variable: PWATER1K

Model Summary[b]

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate	Durbin-Watson
1	.998[a]	.995	.993	1.9239	1.936

a. Predictors: (Constant), PBIN1, SUMPRICE, SUMPRECI, SUMTEMP, POPUL

b. Dependent Variable: PWATER1K

ANOVA[b]

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	7713.614	5	1542.723	416.789	.000[a]
	Residual	37.015	10	3.701		
	Total	7750.628	15			

a. Predictors: (Constant), PBIN1, SUMPRICE, SUMPRECI, SUMTEMP, POPUL

b. Dependent Variable: PWATER1K

Coefficients[a]

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	-435.314	26.407		-16.485	.000
	SUMPRECI	-6.266	.296	-.473	-21.191	.000
	SUMTEMP	4.723	.377	.306	12.534	.000
	SUMPRICE	-112.575	8.216	-1.207	-13.702	.000
	POPUL	1.275E-03	.000	1.880	21.593	.000
	PBIN1	-14.257	1.025	-.321	-13.913	.000

a. Dependent Variable: PWATER1K

Casewise Diagnostics[a]

Case Number	Std. Residual	PWATER1K	Predicted Value	Residual
2	-1.539	28.21	31.1697	-2.9607
8	1.540	70.27	67.3041	2.9619
16	1.253	97.96	95.5436	2.4114

a. Dependent Variable: PWATER1K

Residuals Statistics[a]

	Minimum	Maximum	Mean	Std. Deviation	N
Predicted Value	23.6798	95.5436	62.4546	22.6769	16
Residual	-2.9607	2.9619	3.042E-14	1.5709	16
Std. Predicted Value	-1.710	1.459	.000	1.000	16
Std. Residual	-1.539	1.540	.000	.816	16

a. Dependent Variable: PWATER1K

8

United Water Idaho

Appendix A
to

Integrated Municipal Application Package ("IMAP")

Independent Variables

Monthly Detail for the Years 1984 - 2050 of Independent Variables Utilized in the Water Demand and Customer Forecast Regressions

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Independent Variables for Monthly Water Demand Forecasts

	Linear Interpolation		Ann. Avg. Ada County Households	Ann. Avg. Ada Cnty. Non-Ag Employ.	Annual Average Ada Cnty. Population	Consumer Price Index (CPI-U) (1982-84 = 100)	Boise WSO Monthly Precip. (Inches)	Weighted & Lagged Monthly Precip. (Inches)
	Non-Ag Employ.	Ada Cnty. Population						
Jan-84	79,765	182,830	83,310	68,210	186,280	101.9	0.80	
Feb-84	80,356	183,405	83,310	68,210	186,280	102.4	0.86	
Mar-84	80,947	183,980	83,310	68,210	186,280	102.6	1.43	0.99
Apr-84	81,538	184,555	83,310	68,210	186,280	103.1	1.62	1.34
May-84	82,128	185,130	83,310	68,210	186,280	103.4	1.06	1.43
Jun-84	82,719	185,705	83,310	68,210	186,280	103.7	1.47	1.30
Jul-84	83,310	186,280	83,310	68,210	186,280	104.1	0.23	1.06
Aug-84	83,517	186,574	83,310	68,210	186,280	104.5	1.24	0.79
Sep-84	83,723	186,868	83,310	68,210	186,280	105.0	0.69	0.85
Oct-84	83,930	187,163	83,310	68,210	186,280	105.3	0.85	0.87
Nov-84	84,137	187,457	83,310	68,210	186,280	105.3	2.36	1.19
Dec-84	84,343	187,751	83,310	68,210	186,280	105.3	0.63	1.55
Jan-85	84,550	188,045	85,790	70,010	189,810	105.5	0.20	0.96
Feb-85	84,757	188,339	85,790	70,010	189,810	106.0	0.55	0.40
Mar-85	84,963	188,633	85,790	70,010	189,810	106.4	0.97	0.57
Apr-85	85,170	188,928	85,790	70,010	189,810	106.9	0.90	0.85
May-85	85,377	189,222	85,790	70,010	189,810	107.3	1.52	1.07
Jun-85	85,583	189,516	85,790	70,010	189,810	107.6	0.37	1.08
Jul-85	85,790	189,810	85,790	70,010	189,810	107.8	0.85	0.78
Aug-85	85,789	189,913	85,790	70,010	189,810	108.0	0.04	0.53
Sep-85	85,788	190,015	85,790	70,010	189,810	108.3	1.81	0.69
Oct-85	85,788	190,118	85,790	70,010	189,810	108.7	0.84	1.13
Nov-85	85,787	190,220	85,790	70,010	189,810	109.0	1.85	1.34
Dec-85	85,786	190,323	85,790	70,010	189,810	109.3	1.24	1.45
Jan-86	85,785	190,425	85,780	70,790	191,040	109.6	0.98	1.33
Feb-86	85,784	190,528	85,780	70,790	191,040	109.3	3.70	1.73
Mar-86	85,783	190,630	85,780	70,790	191,040	108.8	2.01	2.60
Apr-86	85,783	190,733	85,780	70,790	191,040	108.6	1.55	2.32
May-86	85,782	190,835	85,780	70,790	191,040	108.9	1.10	1.55
Jun-86	85,781	190,938	85,780	70,790	191,040	109.5	0.35	1.03
Jul-86	85,780	191,040	85,780	70,790	191,040	109.5	0.17	0.49
Aug-86	85,903	191,198	85,780	70,790	191,040	109.7	0.07	0.19
Sep-86	86,027	191,355	85,780	70,790	191,040	110.2	2.93	0.81
Oct-86	86,150	191,513	85,780	70,790	191,040	110.3	0.33	1.57
Nov-86	86,273	191,670	85,780	70,790	191,040	110.4	1.00	1.15
Dec-86	86,397	191,828	85,780	70,790	191,040	110.5	0.12	0.61
Jan-87	86,520	191,985	87,260	71,910	192,930	111.2	0.73	0.49
Feb-87	86,643	192,143	87,260	71,910	192,930	111.6	1.24	0.71
Mar-87	86,767	192,300	87,260	71,910	192,930	112.1	2.01	1.31
Apr-87	86,890	192,458	87,260	71,910	192,930	112.7	0.38	1.41
May-87	87,013	192,615	87,260	71,910	192,930	113.1	0.69	0.87
Jun-87	87,137	192,773	87,260	71,910	192,930	113.5	0.58	0.59
Jul-87	87,260	192,930	87,260	71,910	192,930	113.8	0.70	0.64
Aug-87	87,772	193,145	87,260	71,910	192,930	114.4	0.11	0.52
Sep-87	88,283	193,360	87,260	71,910	192,930	115.0	0.00	0.23
Oct-87	88,795	193,575	87,260	71,910	192,930	115.3	0.00	0.03
Nov-87	89,307	193,790	87,260	71,910	192,930	115.4	1.00	0.25
Dec-87	89,818	194,005	87,260	71,910	192,930	115.4	1.05	0.76
Jan-88	90,330	194,220	93,400	73,470	195,510	115.7	1.30	1.10
Feb-88	90,842	194,435	93,400	73,470	195,510	116.0	0.43	1.02
Mar-88	91,353	194,650	93,400	73,470	195,510	116.5	1.45	0.90
Apr-88	91,865	194,865	93,400	73,470	195,510	117.1	1.80	1.28
May-88	92,377	195,080	93,400	73,470	195,510	117.5	1.33	1.60
Jun-88	92,888	195,295	93,400	73,470	195,510	118.0	0.47	1.23
Jul-88	93,400	195,510	93,400	73,470	195,510	118.5	0.02	0.57
Aug-88	93,988	195,963	93,400	73,470	195,510	119.0	0.09	0.15
Sep-88	94,577	196,417	93,400	73,470	195,510	119.8	0.24	0.11
Oct-88	95,165	196,870	93,400	73,470	195,510	120.2	0.00	0.14
Nov-88	95,753	197,323	93,400	73,470	195,510	120.3	3.36	0.90
Dec-88	96,342	197,777	93,400	73,470	195,510	120.5	0.81	1.88
Jan-89	96,930	198,230	100,460	75,860	200,950	121.1	1.14	1.53
Feb-89	97,518	198,683	100,460	75,860	200,950	121.6	1.15	1.06
Mar-89	98,107	199,137	100,460	75,860	200,950	122.3	3.46	1.73

Independent Variables for Monthly Water Demand Forecasts

	Boise WSO Average Temp. (Degrees F)	Weighted & Lagged Average Temp. (Degrees F)	Nominal Bi-Mo. Meter Charge ($)	Nominal Marginal Cost of Water ($ / 100 CCF)	Real (99$) Marginal Cost of Water (99 $ / 100 CCF)	Monthly Binary Variables									
						Bmay	Bjune	Bjul	Baug	Bsep	Boct	Bnov	Bdec	Bin1*	Trend
Jan-84	21.20		15.68	0.5096	0.8332	0	0	0	0	0	0	0	0	1	100
Feb-84	30.20		15.68	0.5096	0.8291	0	0	0	0	0	0	0	0	1	101
Mar-84	41.90	30.88	15.68	0.5096	0.8275	0	0	0	0	0	0	0	0	1	102
Apr-84	45.90	39.98	15.68	0.5096	0.8235	0	0	0	0	0	0	0	0	1	103
May-84	54.80	47.13	15.68	0.5096	0.8211	1	0	0	0	0	0	0	0	1	104
Jun-84	61.70	54.30	15.68	0.5096	0.8187	0	1	0	0	0	0	0	0	1	105
Jul-84	74.20	63.10	15.68	0.5096	0.8156	0	0	1	0	0	0	0	0	1	106
Aug-84	75.50	71.40	15.68	0.5096	0.8124	0	0	0	1	0	0	0	0	1	107
Sep-84	60.10	71.33	15.68	0.5096	0.8086	0	0	0	0	1	0	0	0	1	108
Oct-84	46.90	60.65	15.68	0.5096	0.8063	0	0	0	0	0	1	0	0	1	109
Nov-84	39.10	48.25	15.68	0.5096	0.8063	0	0	0	0	0	0	1	0	1	110
Dec-84	22.90	37.00	15.68	0.5096	0.8063	0	0	0	0	0	0	0	1	1	111
Jan-85	19.10	26.00	15.68	0.5096	0.8047	0	0	0	0	0	0	0	0	1	112
Feb-85	25.80	21.73	15.68	0.5096	0.8009	0	0	0	0	0	0	0	0	1	113
Mar-85	36.00	26.68	15.68	0.5096	0.7979	0	0	0	0	0	0	0	0	1	114
Apr-85	51.60	37.35	15.68	0.5096	0.7942	0	0	0	0	0	0	0	0	1	115
May-85	58.50	49.43	15.68	0.5096	0.7912	1	0	0	0	0	0	0	0	1	116
Jun-85	67.20	58.95	15.68	0.5096	0.7890	0	1	0	0	0	0	0	0	1	117
Jul-85	77.70	67.65	15.68	0.5096	0.7876	0	0	1	0	0	0	0	0	1	118
Aug-85	69.20	72.95	15.68	0.5096	0.7861	0	0	0	1	0	0	0	0	1	119
Sep-85	56.20	68.08	15.68	0.5096	0.7839	0	0	0	0	1	0	0	0	1	120
Oct-85	48.40	57.50	15.68	0.5096	0.7810	0	0	0	0	0	1	0	0	1	121
Nov-85	27.70	45.18	15.68	0.5096	0.7789	0	0	0	0	0	0	1	0	1	122
Dec-85	12.60	29.10	15.68	0.5096	0.7768	0	0	0	0	0	0	0	1	1	123
Jan-86	29.40	20.58	15.68	0.5096	0.7746	0	0	0	0	0	0	0	0	1	124
Feb-86	41.00	28.10	15.68	0.5096	0.7768	0	0	0	0	0	0	0	0	1	125
Mar-86	48.00	39.85	15.68	0.5096	0.7803	0	0	0	0	0	0	0	0	1	126
Apr-86	48.30	46.33	15.68	0.5096	0.7818	0	0	0	0	0	0	0	0	1	127
May-86	59.10	50.93	15.68	0.5096	0.7796	1	0	0	0	0	0	0	0	1	128
Jun-86	72.00	59.63	15.68	0.5096	0.7753	0	1	0	0	0	0	0	0	1	129
Jul-86	69.60	68.18	17.41	0.5658	0.8608	0	0	1	0	0	0	0	0	1	130
Aug-86	75.90	71.78	17.41	0.5658	0.8593	0	0	0	1	0	0	0	0	1	131
Sep-86	57.40	69.70	17.41	0.5658	0.8554	0	0	0	0	1	0	0	0	1	132
Oct-86	52.60	60.83	17.41	0.5658	0.8546	0	0	0	0	0	1	0	0	1	133
Nov-86	40.40	50.75	17.41	0.5658	0.8538	0	0	0	0	0	0	1	0	1	134
Dec-86	28.00	40.35	17.41	0.5658	0.8531	0	0	0	0	0	0	0	1	1	135
Jan-87	27.80	31.05	17.41	0.5658	0.8477	0	0	0	0	0	0	0	0	1	136
Feb-87	37.60	30.30	17.41	0.5658	0.8446	0	0	0	0	0	0	0	0	1	137
Mar-87	44.20	36.80	17.41	0.5658	0.8409	0	0	0	0	0	0	0	0	1	138
Apr-87	56.00	45.50	17.41	0.5658	0.8364	0	0	0	0	0	0	0	0	1	139
May-87	62.20	54.60	17.41	0.5658	0.8334	1	0	0	0	0	0	0	0	1	140
Jun-87	70.20	62.65	17.41	0.5658	0.8305	0	1	0	0	0	0	0	0	1	141
Jul-87	71.20	68.45	17.41	0.5658	0.8283	0	0	1	0	0	0	0	0	1	142
Aug-87	70.00	70.65	17.06	0.5544	0.8074	0	0	0	1	0	0	0	0	1	143
Sep-87	65.60	69.20	16.71	0.5430	0.7866	0	0	0	0	1	0	0	0	1	144
Oct-87	54.90	64.03	16.71	0.5430	0.7846	0	0	0	0	0	1	0	0	1	145
Nov-87	40.70	54.03	16.71	0.5430	0.7839	0	0	0	0	0	0	1	0	1	146
Dec-87	32.90	42.30	16.71	0.5430	0.7839	0	0	0	0	0	0	0	1	1	147
Jan-88	26.10	33.15	16.71	0.5430	0.7819	0	0	0	0	0	0	0	0	1	148
Feb-88	37.80	30.73	16.71	0.5430	0.7799	0	0	0	0	0	0	0	0	1	149
Mar-88	42.60	36.08	16.71	0.5430	0.7765	0	0	0	0	0	0	0	0	1	150
Apr-88	52.70	43.93	16.71	0.5430	0.7725	0	0	0	0	0	0	0	0	1	151
May-88	57.90	51.48	16.71	0.5430	0.7699	1	0	0	0	0	0	0	0	1	152
Jun-88	70.70	59.80	16.71	0.5430	0.7666	0	1	0	0	0	0	0	0	1	153
Jul-88	74.60	68.48	16.71	0.5430	0.7634	0	0	1	0	0	0	0	0	1	154
Aug-88	71.60	72.88	16.71	0.5430	0.7602	0	0	0	1	0	0	0	0	1	155
Sep-88	61.70	69.88	16.71	0.5430	0.7551	0	0	0	0	1	0	0	0	1	156
Oct-88	59.90	63.73	16.71	0.5430	0.7526	0	0	0	0	0	1	0	0	1	157
Nov-88	40.70	55.55	16.71	0.5430	0.7520	0	0	0	0	0	0	1	0	1	158
Dec-88	27.00	42.08	16.71	0.5430	0.7507	0	0	0	0	0	0	0	1	1	159
Jan-89	24.70	29.85	16.71	0.5430	0.7470	0	0	0	0	0	0	0	0	1	160
Feb-89	23.20	24.90	16.71	0.5430	0.7439	0	0	0	0	0	0	0	0	1	161
Mar-89	43.70	28.70	16.71	0.5430	0.7397	0	0	0	0	0	0	0	0	1	162

Independent Variables for Monthly Water Demand Forecasts

	Linear Interpolation		Ann. Avg. Ada County Households	Ann. Avg. Ada Cnty. Non-Ag Employ.	Annual Average Ada Cnty. Population	Consumer Price Index (CPI-U) (1982-84 = 100)	Boise WSO Monthly Precip. (Inches)	Weighted & Lagged Monthly Precip. (Inches)
	Non-Ag Employ.	Ada Cnty. Population						
Apr-89	98,695	199,590	100,460	75,860	200,950	123.1	0.46	2.13
May-89	99,283	200,043	100,460	75,860	200,950	123.8	0.21	1.15
Jun-89	99,872	200,497	100,460	75,860	200,950	124.1	0.08	0.24
Jul-89	100,460	200,950	100,460	75,860	200,950	124.4	0.03	0.10
Aug-89	100,972	201,498	100,460	75,860	200,950	124.6	0.78	0.23
Sep-89	101,483	202,045	100,460	75,860	200,950	125.0	1.20	0.70
Oct-89	101,995	202,593	100,460	75,860	200,950	125.6	1.24	1.11
Nov-89	102,507	203,140	100,460	75,860	200,950	125.9	0.59	1.07
Dec-89	103,018	203,688	100,460	75,860	200,950	126.1	0.10	0.63
Jan-90	103,530	204,235	106,600	77,460	207,520	127.4	0.84	0.41
Feb-90	104,042	204,783	106,600	77,460	207,520	128.0	0.79	0.64
Mar-90	104,553	205,330	106,600	77,460	207,520	128.7	0.77	0.80
Apr-90	105,065	205,878	106,600	77,460	207,520	128.9	2.14	1.12
May-90	105,577	206,425	106,600	77,460	207,520	129.2	4.07	2.28
Jun-90	106,088	206,973	106,600	77,460	207,520	129.9	0.11	2.60
Jul-90	106,600	207,520	106,600	77,460	207,520	130.4	0.42	1.18
Aug-90	107,027	208,207	106,600	77,460	207,520	131.6	0.39	0.34
Sep-90	107,453	208,893	106,600	77,460	207,520	132.7	0.50	0.43
Oct-90	107,880	209,580	106,600	77,460	207,520	133.5	0.45	0.46
Nov-90	108,307	210,267	106,600	77,460	207,520	133.8	0.61	0.50
Dec-90	108,733	210,953	106,600	77,460	207,520	133.8	0.98	0.66
Jan-91	109,160	211,640	111,720	81,160	215,760	134.6	0.96	0.88
Feb-91	109,587	212,327	111,720	81,160	215,760	134.8	0.46	0.84
Mar-91	110,013	213,013	111,720	81,160	215,760	135.0	0.55	0.61
Apr-91	110,440	213,700	111,720	81,160	215,760	135.2	1.65	0.80
May-91	110,867	214,387	111,720	81,160	215,760	135.6	1.57	1.36
Jun-91	111,293	215,073	111,720	81,160	215,760	136.0	0.64	1.36
Jul-91	111,720	215,760	111,720	81,160	215,760	136.2	0.37	0.81
Aug-91	112,195	216,392	111,720	81,160	215,760	136.6	0.04	0.36
Sep-91	112,670	217,023	111,720	81,160	215,760	137.2	0.21	0.17
Oct-91	113,145	217,655	111,720	81,160	215,760	137.4	0.91	0.34
Nov-91	113,620	218,287	111,720	81,160	215,760	137.8	1.76	0.95
Dec-91	114,095	218,918	111,720	81,160	215,760	137.9	0.35	1.20
Jan-92	114,570	219,550	117,420	84,450	223,340	138.1	0.36	0.71
Feb-92	115,045	220,182	117,420	84,450	223,340	138.6	0.92	0.50
Mar-92	115,520	220,813	117,420	84,450	223,340	139.3	0.17	0.59
Apr-92	115,995	221,445	117,420	84,450	223,340	139.5	0.66	0.48
May-92	116,470	222,077	117,420	84,450	223,340	139.7	0.00	0.37
Jun-92	116,945	222,708	117,420	84,450	223,340	140.2	2.07	0.68
Jul-92	117,420	223,340	117,420	84,450	223,340	140.5	0.03	1.04
Aug-92	118,182	224,193	117,420	84,450	223,340	140.9	0.00	0.53
Sep-92	118,943	225,045	117,420	84,450	223,340	141.3	0.30	0.08
Oct-92	119,705	225,898	117,420	84,450	223,340	141.8	0.90	0.38
Nov-92	120,467	226,750	117,420	84,450	223,340	142.0	1.37	0.87
Dec-92	121,228	227,603	117,420	84,450	223,340	142.4	0.89	1.13
Jan-93	121,990	228,455	126,560	88,340	233,570	142.6	1.65	1.20
Feb-93	122,752	229,308	126,560	88,340	233,570	143.1	0.96	1.29
Mar-93	123,513	230,160	126,560	88,340	233,570	143.6	2.45	1.51
Apr-93	124,275	231,013	126,560	88,340	233,570	144.0	2.09	1.99
May-93	125,037	231,865	126,560	88,340	233,570	144.2	0.92	1.89
Jun-93	125,798	232,718	126,560	88,340	233,570	144.4	2.10	1.51
Jul-93	126,560	233,570	126,560	88,340	233,570	144.4	0.52	1.41
Aug-93	127,326	234,382	126,560	88,340	233,570	144.8	0.24	0.85
Sep-93	128,092	235,193	126,560	88,340	233,570	145.1	0.00	0.25
Oct-93	128,858	236,005	126,560	88,340	233,570	145.7	0.47	0.18
Nov-93	129,623	236,817	126,560	88,340	233,570	145.8	0.38	0.33
Dec-93	130,389	237,628	126,560	88,340	233,570	144.7	0.98	0.55
Jan-94	131,155	238,440	135,750	91,560	243,310	146.2	1.28	0.91
Feb-94	131,921	239,252	135,750	91,560	243,310	146.7	0.90	1.11
Mar-94	132,687	240,063	135,750	91,560	243,310	147.2	0.17	0.81
Apr-94	133,453	240,875	135,750	91,560	243,310	147.4	1.25	0.62
May-94	134,218	241,687	135,750	91,560	243,310	147.5	1.01	0.92
Jun-94	134,984	242,498	135,750	91,560	243,310	148.0	0.24	0.88

Independent Variables for Monthly Water Demand Forecasts

	Boise WSO Average Temp. (Degrees F)	Weighted & Lagged Average Temp. (Degrees F)	Nominal Bi-Mo. Meter Charge ($)	Nominal Marginal Cost of Water ($ / 100 CCF)	Real (99$) Marginal Cost of Water ('99 $ / 100 CCF)	Monthly Binary Variables									
						Bmay	Bjune	Bjul	Baug	Bsep	Boct	Bnov	Bdec	Bin1*	Trend
Apr-89	53.10	40.93	16.71	0.5430	0.7349	0	0	0	0	0	0	0	0	1	163
May-89	56.30	51.55	16.71	0.5430	0.7307	1	0	0	0	0	0	0	0	1	164
Jun-89	68.50	58.55	16.71	0.5430	0.7290	0	1	0	0	0	0	0	0	1	165
Jul-89	77.00	67.58	16.71	0.5430	0.7272	0	0	1	0	0	0	0	0	1	166
Aug-89	70.00	73.13	16.71	0.5430	0.7260	0	0	0	1	0	0	0	0	1	167
Sep-89	63.30	70.08	16.71	0.5430	0.7237	0	0	0	0	1	0	0	0	1	168
Oct-89	51.20	61.95	16.71	0.5430	0.7203	0	0	0	0	0	1	0	0	1	169
Nov-89	39.40	51.28	16.71	0.5430	0.7185	0	0	0	0	0	0	1	0	1	170
Dec-89	30.40	40.10	16.71	0.5430	0.7174	0	0	0	0	0	0	0	1	1	171
Jan-90	34.20	33.60	16.71	0.5430	0.7101	0	0	0	0	0	0	0	0	1	172
Feb-90	34.10	33.23	16.71	0.5430	0.7067	0	0	0	0	0	0	0	0	1	173
Mar-90	44.30	36.68	16.71	0.5430	0.7029	0	0	0	0	0	0	0	0	1	174
Apr-90	54.70	44.35	16.71	0.5430	0.7018	0	0	0	0	0	0	0	0	1	175
May-90	55.70	52.35	16.71	0.5430	0.7002	1	0	0	0	0	0	0	0	1	176
Jun-90	66.90	58.25	16.71	0.5430	0.6964	0	1	0	0	0	0	0	0	1	177
Jul-90	76.20	66.43	16.71	0.5430	0.6937	0	0	1	0	0	0	0	0	1	178
Aug-90	74.00	73.33	16.71	0.5430	0.6874	0	0	0	1	0	0	0	0	1	179
Sep-90	69.90	73.53	16.71	0.5430	0.6817	0	0	0	0	1	0	0	0	1	180
Oct-90	51.00	66.20	16.71	0.5430	0.6776	0	0	0	0	0	1	0	0	1	181
Nov-90	41.20	53.28	16.71	0.6380	0.7944	0	0	0	0	0	0	1	0	1	182
Dec-90	18.10	37.88	16.71	0.6380	0.7944	0	0	0	0	0	0	0	1	1	183
Jan-91	24.40	25.45	16.71	0.6380	0.7897	0	0	0	0	0	0	0	0	1	184
Feb-91	41.60	27.13	16.71	0.6380	0.7885	0	0	0	0	0	0	0	0	1	185
Mar-91	43.00	37.65	16.71	0.6380	0.7873	0	0	0	0	0	0	0	0	1	186
Apr-91	48.30	43.98	16.71	0.6380	0.7862	0	0	0	0	0	0	0	0	1	187
May-91	54.90	48.63	16.71	0.6380	0.7839	1	0	0	0	0	0	0	0	1	188
Jun-91	62.60	55.18	16.71	0.6380	0.7816	0	1	0	0	0	0	0	0	1	189
Jul-91	75.70	63.95	16.71	0.6380	0.7804	0	0	1	0	0	0	0	0	1	190
Aug-91	76.60	72.65	16.71	0.6380	0.7781	0	0	0	1	0	0	0	0	1	191
Sep-91	65.80	73.68	16.71	0.6380	0.7747	0	0	0	0	1	0	0	0	1	192
Oct-91	51.80	65.00	16.71	0.6380	0.7736	0	0	0	0	0	1	0	0	1	193
Nov-91	37.40	51.70	16.71	0.6380	0.7713	0	0	0	0	0	0	1	0	1	194
Dec-91	31.70	39.58	16.71	0.6380	0.7708	0	0	0	0	0	0	0	1	1	195
Jan-92	33.10	33.48	16.71	0.6380	0.7697	0	0	0	0	0	0	0	0	1	196
Feb-92	42.10	35.00	16.71	0.6380	0.7669	0	0	0	0	0	0	0	0	1	197
Mar-92	48.90	41.55	16.71	0.6380	0.7630	0	0	0	0	0	0	0	0	1	198
Apr-92	54.90	48.70	16.71	0.6380	0.7619	0	0	0	0	0	0	0	0	1	199
May-92	64.30	55.75	16.71	0.6380	0.7609	1	0	0	0	0	0	0	0	1	200
Jun-92	69.80	63.33	16.71	0.6380	0.7581	0	1	0	0	0	0	0	0	1	201
Jul-92	71.40	68.83	16.71	0.6380	0.7565	0	0	1	0	0	0	0	0	1	202
Aug-92	73.90	71.63	16.71	0.6380	0.7544	0	0	0	1	0	0	0	0	1	203
Sep-92	63.40	70.65	16.71	0.6380	0.7522	0	0	0	0	1	0	0	0	1	204
Oct-92	54.40	63.78	16.71	0.6380	0.7496	0	0	0	0	0	1	0	0	1	205
Nov-92	34.50	51.68	16.71	0.6380	0.7485	0	0	0	0	0	0	1	0	1	206
Dec-92	28.50	37.98	16.71	0.6380	0.7464	0	0	0	0	0	0	0	1	1	207
Jan-93	24.80	29.08	16.71	0.6380	0.7454	0	0	0	0	0	0	0	0	1	208
Feb-93	28.90	26.75	16.71	0.6380	0.7428	0	0	0	0	0	0	0	0	1	209
Mar-93	41.70	31.08	16.71	0.6380	0.7402	0	0	0	0	0	0	0	0	1	210
Apr-93	48.10	40.10	16.71	0.6380	0.7381	0	0	0	0	0	0	0	0	1	211
May-93	63.10	50.25	16.71	0.6380	0.7371	1	0	0	0	0	0	0	0	1	212
Jun-93	61.90	59.05	16.71	0.6380	0.7361	0	1	0	0	0	0	0	0	1	213
Jul-93	65.00	62.98	16.71	0.6380	0.7361	0	0	1	0	0	0	0	0	1	214
Aug-93	68.60	65.13	16.71	0.6878	0.7913	0	0	0	1	0	0	0	0	1	215
Sep-93	63.00	66.30	16.71	0.8370	0.9610	0	0	0	0	1	0	0	0	1	216
Oct-93	53.20	61.95	16.71	0.8370	0.9571	0	0	0	0	0	1	0	0	1	217
Nov-93	32.80	50.55	16.71	0.8370	0.9564	0	0	0	0	0	0	1	0	1	218
Dec-93	33.30	38.03	16.71	0.8370	0.9637	0	0	0	0	0	0	0	1	1	219
Jan-94	32.70	33.03	16.71	0.8370	0.9538	0	0	0	0	0	0	0	0	1	220
Feb-94	34.70	33.35	16.71	0.8370	0.9505	0	0	0	0	0	0	0	0	1	221
Mar-94	46.10	37.05	16.71	0.8370	0.9473	0	0	0	0	0	0	0	0	1	222
Apr-94	52.60	44.88	16.71	0.8370	0.9460	0	0	0	0	0	0	0	0	1	223
May-94	61.00	53.08	16.71	0.8370	0.9454	1	0	0	0	0	0	0	0	1	224
Jun-94	67.90	60.63	16.71	0.8370	0.9422	0	1	0	0	0	0	0	0	1	225

Independent Variables for Monthly Water Demand Forecasts

	Linear Interpolation		Ann. Avg. Ada County Households	Ann. Avg. Ada Cnty. Non-Ag Employ.	Annual Average Ada Cnty. Population	Consumer Price Index (CPI-U) (1982-84 = 100)	Boise WSO Monthly Precip. (Inches)	Weighted & Lagged Monthly Precip. (Inches)
	Non-Ag Employ.	Ada Cnty. Population						
Jul-94	135,750	243,310	135,750	91,560	243,310	148.4	0.10	0.40
Aug-94	136,381	244,023	135,750	91,560	243,310	149.0	0.00	0.11
Sep-94	137,012	244,735	135,750	91,560	243,310	149.4	0.10	0.05
Oct-94	137,643	245,448	135,750	91,560	243,310	149.5	0.78	0.25
Nov-94	138,273	246,160	135,750	91,560	243,310	149.7	1.78	0.86
Dec-94	138,904	246,873	135,750	91,560	243,310	149.7	1.79	1.53
Jan-95	139,535	247,585	143,320	94,900	251,860	150.3	2.10	1.87
Feb-95	140,166	248,298	143,320	94,900	251,860	150.9	0.51	1.63
Mar-95	140,797	249,010	143,320	94,900	251,860	151.4	1.51	1.16
Apr-95	141,428	249,723	143,320	94,900	251,860	151.9	1.03	1.14
May-95	142,058	250,435	143,320	94,900	251,860	152.2	2.36	1.48
Jun-95	142,689	251,148	143,320	94,900	251,860	152.5	0.88	1.66
Jul-95	143,320	251,860	143,320	94,900	251,860	152.5	0.59	1.18
Aug-95	143,750	252,551	143,320	94,900	251,860	152.9	0.06	0.53
Sep-95	144,180	253,242	143,320	94,900	251,860	153.2	0.22	0.23
Oct-95	144,610	253,933	143,320	94,900	251,860	153.7	0.42	0.23
Nov-95	145,040	254,623	143,320	94,900	251,860	153.6	2.20	0.82
Dec-95	145,470	255,314	143,320	94,900	251,860	153.5	2.19	1.75
Jan-96	145,900	256,005	148,480	98,180	260,150	154.4	1.36	1.99
Feb-96	146,330	256,696	148,480	98,180	260,150	154.9	1.08	1.50
Mar-96	146,760	257,387	148,480	98,180	260,150	155.7	1.97	1.37
Apr-96	147,190	258,078	148,480	98,180	260,150	156.3	1.47	1.62
May-96	147,620	258,768	148,480	98,180	260,150	156.6	1.67	1.65
Jun-96	148,050	259,459	148,480	98,180	260,150	156.7	0.21	1.26
Jul-96	148,480	260,150	148,480	98,180	260,150	157.0	0.12	0.55
Aug-96	149,112	260,722	148,480	98,180	260,150	157.3	0.00	0.11
Sep-96	149,743	261,293	148,480	98,180	260,150	157.8	0.46	0.15
Oct-96	150,375	261,865	148,480	98,180	260,150	158.3	0.68	0.40
Nov-96	151,007	262,437	148,480	98,180	260,150	158.6	1.71	0.88
Dec-96	151,638	263,008	148,480	98,180	260,150	158.6	3.43	1.88
Jan-97	152,270	263,580	156,060	100,980	267,010	159.1	2.74	2.83
Feb-97	152,902	264,152	156,060	100,980	267,010	159.6	0.18	2.27
Mar-97	153,533	264,723	156,060	100,980	267,010	160.0	0.52	0.91
Apr-97	154,165	265,295	156,060	100,980	267,010	160.2	1.89	0.78
May-97	154,797	265,867	156,060	100,980	267,010	160.1	1.14	1.36
Jun-97	155,428	266,438	156,060	100,980	267,010	160.3	1.35	1.38
Jul-97	156,060	267,010	156,060	100,980	267,010	160.5	0.45	1.07
Aug-97	156,745	267,728	156,060	100,980	267,010	160.8	0.27	0.63
Sep-97	157,430	268,445	156,060	100,980	267,010	161.2	0.67	0.42
Oct-97	158,115	269,163	156,060	100,980	267,010	161.6	0.55	0.54
Nov-97	158,800	269,880	156,060	100,980	267,010	161.5	0.68	0.61
Dec-97	159,485	270,598	156,060	100,980	267,010	161.3	0.65	0.64
Jan-98	160,170	271,315	164,280	104,280	275,620	161.6	2.73	1.18
Feb-98	160,855	272,033	164,280	104,280	275,620	161.9	1.39	1.88
Mar-98	161,540	272,750	164,280	104,280	275,620	162.2	0.99	1.63
Apr-98	162,225	273,468	164,280	104,280	275,620	162.5	0.81	1.05
May-98	162,910	274,185	164,280	104,280	275,620	162.8	4.40	1.75
Jun-98	163,595	274,903	164,280	104,280	275,620	163.0	1.21	2.71
Jul-98	164,280	275,620	164,280	104,280	275,620	163.2	0.49	1.83
Aug-98	164,871	276,268	164,280	104,280	275,620	163.4	0.00	0.55
Sep-98	165,462	276,917	164,280	104,280	275,620	163.6	1.96	0.61
Oct-98	166,053	277,565	164,280	104,280	275,620	164.0	0.11	1.01
Nov-98	166,643	278,213	164,280	104,280	275,620	164.0	0.97	0.79
Dec-98	167,234	278,862	164,280	104,280	275,620	163.9	1.65	0.93
Jan-99	167,825	279,510	171,370	107,650	283,400	164.3	1.40	1.42
Feb-99	168,416	280,158	171,370	107,650	283,400	164.5	1.96	1.60
Mar-99	169,007	280,807	171,370	107,650	283,400	165.0	0.75	1.52
Apr-99	169,598	281,455	171,370	107,650	283,400	166.2	0.61	1.02
May-99	170,188	282,103	171,370	107,650	283,400	166.2	1.10	0.77
Jun-99	170,779	282,752	171,370	107,650	283,400	166.2	0.47	0.82
Jul-99	171,370	283,400	171,370	107,650	283,400	166.7	0.00	0.51
Aug-99	171,945	284,237	171,370	107,650	283,400	167.1	0.29	0.19
Sep-99	172,521	285,075	171,370	107,650	283,400	167.9	0.00	0.15

Independent Variables for Monthly Water Demand Forecasts

	Boise WSO Average Temp. (Degrees F)	Weighted & Lagged Average Temp. (Degrees F)	Nominal Bi-Mo. Meter Charge ($)	Nominal Marginal Cost of Water ($ / 100 CCF)	Real (99$) Marginal Cost of Water ('99 $ / 100 CCF)	Monthly Binary Variables									
						Bmay	Bjune	Bjul	Baug	Bsep	Boct	Bnov	Bdec	Bin1*	Trend
Jul-94	77.00	68.45	15.53	0.8805	0.9885	0	0	1	0	0	0	0	0	1	226
Aug-94	76.10	74.50	12.00	1.0110	1.1304	0	0	0	1	0	0	0	0	1	227
Sep-94	66.80	74.00	12.00	1.0110	1.1274	0	0	0	0	1	0	0	0	1	228
Oct-94	50.30	65.00	12.00	0.8090	0.9015	0	0	0	0	0	1	0	0	1	229
Nov-94	32.60	50.00	12.00	0.8090	0.9003	0	0	0	0	0	0	1	0	1	230
Dec-94	30.40	36.48	12.00	0.8090	0.9003	0	0	0	0	0	0	0	1	1	231
Jan-95	36.20	32.40	12.00	0.8090	0.8967	0	0	0	0	0	0	0	0	1	232
Feb-95	41.50	36.08	12.00	0.8090	0.8932	0	0	0	0	0	0	0	0	1	233
Mar-95	43.60	40.70	12.00	0.8090	0.8902	0	0	0	0	0	0	0	0	1	234
Apr-95	48.20	44.23	12.00	0.8090	0.8873	0	0	0	0	0	0	0	0	1	235
May-95	56.90	49.23	12.00	1.0110	1.1067	1	0	0	0	0	0	0	0	1	236
Jun-95	63.90	56.48	12.00	1.0110	1.1045	0	1	0	0	0	0	0	0	1	237
Jul-95	73.40	64.53	12.00	1.0110	1.1045	0	0	1	0	0	0	0	0	1	238
Aug-95	71.20	70.48	12.00	1.0110	1.1016	0	0	0	1	0	0	0	0	1	239
Sep-95	65.70	70.38	12.00	1.0110	1.0994	0	0	0	0	1	0	0	0	1	240
Oct-95	49.20	62.95	12.00	0.8090	0.8769	0	0	0	0	0	1	0	0	1	241
Nov-95	44.40	52.13	12.00	0.8090	0.8775	0	0	0	0	0	0	1	0	1	242
Dec-95	33.10	42.78	12.00	0.8090	0.8780	0	0	0	0	0	0	0	1	1	243
Jan-96	32.50	35.78	12.00	0.8090	0.8729	0	0	0	0	0	0	0	0	1	244
Feb-96	35.20	33.33	12.00	0.8090	0.8701	0	0	0	0	0	0	0	0	1	245
Mar-96	44.20	36.78	12.00	0.8090	0.8656	0	0	0	0	0	0	0	0	1	246
Apr-96	50.00	43.40	12.00	0.8090	0.8623	0	0	0	0	0	0	0	0	1	247
May-96	55.40	49.90	12.00	1.0110	1.0756	1	0	0	0	0	0	0	0	1	248
Jun-96	66.70	56.88	12.00	1.0110	1.0749	0	1	0	0	0	0	0	0	1	249
Jul-96	76.80	66.40	12.00	1.0110	1.0728	0	0	1	0	0	0	0	0	1	250
Aug-96	74.80	73.78	12.00	1.0110	1.0708	0	0	0	1	0	0	0	0	1	251
Sep-96	61.80	72.05	12.00	1.0110	1.0674	0	0	0	0	1	0	0	0	1	252
Oct-96	52.40	62.70	12.00	0.8090	0.8514	0	0	0	0	0	1	0	0	1	253
Nov-96	41.30	51.98	12.32	0.8310	0.8729	0	0	0	0	0	0	1	0	1	254
Dec-96	36.30	42.83	12.43	0.8383	0.8806	0	0	0	0	0	0	0	1	1	255
Jan-97	32.10	36.50	12.43	0.8383	0.8778	0	0	0	0	0	0	0	0	1	256
Feb-97	36.80	34.33	12.43	0.8383	0.8751	0	0	0	0	0	0	0	0	1	257
Mar-97	45.40	37.78	12.43	0.8383	0.8729	0	0	0	0	0	0	0	0	1	258
Apr-97	48.90	44.13	12.43	0.8383	0.8718	0	0	0	0	0	0	0	0	1	259
May-97	62.90	51.53	12.43	1.0476	1.0901	1	0	0	0	0	0	0	0	1	260
Jun-97	66.00	60.18	12.43	1.0476	1.0888	0	1	0	0	0	0	0	0	1	261
Jul-97	72.80	66.93	12.43	1.0476	1.0874	0	0	1	0	0	0	0	0	1	262
Aug-97	75.60	71.80	12.43	1.0476	1.0854	0	0	0	1	0	0	0	0	1	263
Sep-97	67.70	72.93	12.43	1.0476	1.0827	0	0	0	0	1	0	0	0	1	264
Oct-97	52.00	65.75	12.43	0.8383	0.8642	0	0	0	0	0	1	0	0	1	265
Nov-97	43.00	53.68	12.43	0.8383	0.8648	0	0	0	0	0	0	1	0	1	266
Dec-97	31.20	42.30	12.43	0.8383	0.8658	0	0	0	0	0	0	0	1	1	267
Jan-98	38.90	36.08	12.43	0.8383	0.8642	0	0	0	0	0	0	0	0	1	268
Feb-98	40.20	37.30	12.43	0.8383	0.8626	0	0	0	0	0	0	0	0	1	269
Mar-98	44.30	40.90	12.43	0.8383	0.8610	0	0	0	0	0	0	0	0	1	270
Apr-98	49.90	44.68	12.43	0.8383	0.8595	0	0	0	0	0	0	0	0	1	271
May-98	56.30	50.10	12.43	1.0476	1.0721	1	0	0	0	0	0	0	0	1	272
Jun-98	63.40	56.48	12.43	1.0476	1.0707	0	1	0	0	0	0	0	0	1	273
Jul-98	79.20	65.58	13.24	1.1160	1.1393	0	0	1	0	0	0	0	0	1	274
Aug-98	76.70	74.63	13.51	1.1388	1.1611	0	0	0	1	0	0	0	0	1	275
Sep-98	69.80	75.60	13.51	1.1388	1.1597	0	0	0	0	1	0	0	0	1	276
Oct-98	51.70	67.00	13.51	0.9113	0.9257	0	0	0	0	0	1	0	0	1	277
Nov-98	43.70	54.23	13.51	0.9113	0.9257	0	0	0	0	0	0	1	0	1	278
Dec-98	30.70	42.45	13.51	0.9113	0.9263	0	0	0	0	0	0	0	1	1	279
Jan-99	35.30	35.10	13.51	0.9113	0.9113	0	0	0	0	0	0	0	0	1	280
Feb-99	37.00	34.58	13.51	0.9113	0.9113	0	0	0	0	0	0	0	0	1	281
Mar-99	43.80	38.28	13.51	0.9113	0.9113	0	0	0	0	0	0	0	0	1	282
Apr-99	47.50	43.03	13.51	0.9113	0.9113	0	0	0	0	0	0	0	0	1	283
May-99	55.80	48.65	13.51	1.1388	1.1388	1	0	0	0	0	0	0	0	1	284
Jun-99	66.30	56.35	13.51	1.1388	1.1388	0	1	0	0	0	0	0	0	1	285
Jul-99	73.70	65.53	13.51	1.1388	1.1388	0	0	1	0	0	0	0	0	1	286
Aug-99	75.10	72.20	13.51	1.1388	1.1388	0	0	0	1	0	0	0	0	1	287
Sep-99	64.00	71.98	13.51	1.1388	1.1388	0	0	0	0	1	0	0	0	1	288

Independent Variables for Monthly Water Demand Forecasts

	Linear Interpolation		Ann. Avg. Ada County Households	Ann. Avg. Ada Cnty. Non-Ag Employ.	Annual Average Ada Cnty. Population	Consumer Price Index (CPI-U) (1982-84 = 100)	Boise WSO Monthly Precip. (Inches)	Weighted & Lagged Monthly Precip. (Inches)	
	Non-Ag Employ.	Ada Cnty. Population							
Oct-99	173,096	285,912	171,370	107,650	283,400	168.2	0.11	0.10	
Nov-99	173,672	286,749	171,370	107,650	283,400	168.3	1.00	0.31	
Dec-99	174,247	287,586	171,370	107,650	283,400	168.3	0.90	0.75	
Jan-00	174,823	288,424	177,700	111,050	292,610	168.7	1.63	1.11	
Feb-00	175,398	289,261	177,700	111,050	292,610	169.7	1.89	1.51	
Mar-00	175,974	290,098	177,700	111,050	292,610	171.1	0.91	1.58	
Apr-00	176,549	290,935	177,700	111,050	292,610	171.2	0.80	1.13	
May-00	177,125	291,773	177,700	111,050	292,610	171.3	0.28	0.70	
Jun-00	177,700	292,610	177,700	111,050	292,610	172.3	0.18	0.39	
Jul-00	177,700	292,610	177,700	111,050		172.0	0.26	0.23	
Aug-00	178,063	293,134	177,700	111,050		172.4	0.40	0.28	
Sep-00	178,425	293,658	177,700	111,050		173.3	0.58	0.41	
Oct-00	178,788	294,183	177,700	111,050		173.6	0.75	0.58	
Nov-00	179,150	294,707	177,700	111,050		173.7	1.29	0.84	
Dec-00	179,513	295,231	177,700	111,050		173.7	1.34	1.17	
Jan-01	179,875	295,755	182,050	113,820		172.9	1.64	1.40	
Feb-01	180,238	296,279	182,050	113,820		173.9	1.07	1.42	
Mar-01	180,600	296,803	182,050	113,820		175.4	1.03	1.20	
Apr-01	180,963	297,328	182,050	113,820		175.5	1.19	1.08	
May-01	181,325	297,852	182,050	113,820		175.6	1.21	1.16	
Jun-01	181,688	298,376	182,050	113,820		176.6	0.95	1.14	
Jul-01	182,050	298,900	182,050	113,820		176.3	0.26	0.84	
Aug-01	182,495	299,510	182,050	113,820		176.8	0.40	0.47	
Sep-01	182,940	300,120	182,050	113,820		177.6	0.58	0.41	
Oct-01	183,385	300,730	182,050	113,820		177.9	0.75	0.58	
Nov-01	183,830	301,340	182,050	113,820		178.0	1.29	0.84	
Dec-01	184,275	301,950	182,050	113,820		178.0	1.34	1.17	
Jan-02	184,720	302,560	187,390	117,380		177.2	1.64	1.40	
Feb-02	185,165	303,170	187,390	117,380		178.3	1.07	1.42	
Mar-02	185,610	303,780	187,390	117,380		179.8	1.03	1.20	
Apr-02	186,055	304,390	187,390	117,380	Forecast	179.9	1.19	1.08	
May-02	186,500	305,000	187,390	117,380		180.0	1.21	1.16	
Jun-02	186,945	305,610	187,390	117,380		181.0	0.95	1.14	
Jul-02	187,390	306,220	187,390	117,380		180.7	0.26	0.84	
Aug-02	187,885	306,818	187,390	117,380		181.2	0.40	0.47	
Sep-02	188,380	307,417	187,390	117,380		182.0	0.58	0.41	
Oct-02	188,875	308,015	187,390	117,380		182.4	0.75	0.58	
Nov-02	189,370	308,613	187,390	117,380		182.5	1.29	0.84	
Dec-02	189,865	309,212	187,390	117,380		182.5	1.34	1.17	
Jan-03	190,360	309,810	193,330	120,410		182.0	1.64	1.40	
Feb-03	190,855	310,408	193,330	120,410		183.1	1.07	1.42	
Mar-03	191,350	311,007	193,330	120,410		184.6	1.03	1.20	
Apr-03	191,845	311,605	193,330	120,410		184.7	1.19	1.08	
May-03	192,340	312,203	193,330	120,410		184.8	1.21	1.16	
Jun-03	192,835	312,802	193,330	120,410		185.9	0.95	1.14	
Jul-03	193,330	313,400	193,330	120,410		185.6	0.26	0.84	
Aug-03	193,822	314,028	193,330	120,410		186.1	0.40	0.47	
Sep-03	194,313	314,655	193,330	120,410		187.0	0.58	0.41	
Oct-03	194,805	315,283	193,330	120,410		187.3	0.75	0.58	
Nov-03	195,297	315,910	193,330	120,410		187.4	1.29	0.84	
Dec-03	195,788	316,538	193,330	120,410		187.4	1.34	1.17	
Jan-04	196,280	317,165	199,230	123,790		187.1	1.64	1.40	
Feb-04	196,772	317,793	199,230	123,790		188.2	1.07	1.42	
Mar-04	197,263	318,420	199,230	123,790		189.8	1.03	1.20	
Apr-04	197,755	319,048	199,230	123,790		189.9	1.19	1.08	
May-04	198,247	319,675	199,230	123,790		190.0	1.21	1.16	
Jun-04	198,738	320,303	199,230	123,790		191.1	0.95	1.14	
Jul-04	199,230	320,930	199,230	123,790		190.8	0.26	0.84	
Aug-04	199,720	321,559	199,230	123,790		191.3	0.40	0.47	
Sep-04	200,210	322,188	199,230	123,790		192.2	0.58	0.41	
Oct-04	200,700	322,818	199,230	123,790		192.5	0.75	0.58	
Nov-04	201,190	323,447	199,230	123,790		192.7	1.29	0.84	
Dec-04	201,680	324,076	199,230	123,790		192.7	1.34	1.17	

Independent Variables for Monthly Water Demand Forecasts

	Boise WSO Average Temp. (Degrees F)	Weighted & Lagged Average Temp. (Degrees F)	Nominal Bi-Mo. Meter Charge ($)	Nominal Marginal Cost of Water ($ / 100 CCF)	Real (99$) Marginal Cost of Water ('99 $ / 100 CCF)	Monthly Binary Variables									
						Bmay	Bjune	Bjul	Baug	Bsep	Boct	Bnov	Bdec	Bin1*	Trend
Oct-99	54.30	64.35	13.51	0.9113	0.9113	0	0	0	0	0	1	0	0	1	289
Nov-99	46.90	54.88	13.51	0.9113	0.9113	0	0	0	0	0	0	1	0	1	290
Dec-99	31.90	45.00	13.51	0.9113	0.9113	0	0	0	0	0	0	0	1	1	291
Jan-00	27.20	34.48	13.51	0.9113	0.9089	0	0	0	0	0	0	0	0	1	292
Feb-00	34.95	30.31	13.51	0.9113	0.9065	0	0	0	0	0	0	0	0	1	293
Mar-00	37.00	33.53	13.51	0.9113	0.9042	0	0	0	0	0	0	0	0	1	294
Apr-00	47.40	39.09	13.51	0.9113	0.9018	0	0	0	0	0	0	0	0	1	295
May-00	51.60	45.85	13.51	1.1388	1.1240	1	0	0	0	0	0	0	0	1	296
Jun-00	59.75	52.59	13.51	1.1388	1.1210	0	1	0	0	0	0	0	0	1	297
Jul-00	74.00	61.28			1.1181	0	0	1	0	0	0	0	0	1	298
Aug-00	72.50	70.06			1.1151	0	0	0	1	0	0	0	0	1	299
Sep-00	62.60	70.40			1.1122	0	0	0	0	1	0	0	0	1	300
Oct-00	51.80	62.38			0.8877	0	0	0	0	0	1	0	0	1	301
Nov-00	30.10	49.08			0.8854	0	0	0	0	0	0	1	0	1	302
Dec-00	30.10	35.53			0.8830	0	0	0	0	0	0	0	1	1	303
Jan-01	29.00	29.83			0.8812	0	0	0	0	0	0	0	0	1	304
Feb-01	35.90	31.00			0.8794	0	0	0	0	0	0	0	0	1	305
Mar-01	42.40	35.80			0.8776	0	0	0	0	0	0	0	0	1	306
Apr-01	49.10	42.45			0.8758	0	0	0	0	0	0	0	0	1	307
May-01	57.50	49.53			1.0922	1	0	0	0	0	0	0	0	1	308
Jun-01	66.50	57.65			1.0899	0	1	0	0	0	0	0	0	1	309
Jul-01	74.00	66.13			1.0877	0	0	1	0	0	0	0	0	1	310
Aug-01	72.50	71.75			1.0855	0	0	0	1	0	0	0	0	1	311
Sep-01	62.60	70.40			1.0832	0	0	0	0	1	0	0	0	1	312
Oct-01	51.80	62.38			0.8651	0	0	0	0	0	1	0	0	1	313
Nov-01	30.10	49.08			0.8633	0	0	0	0	0	0	1	0	1	314
Dec-01	30.10	35.53			0.8615	0	0	0	0	0	0	0	1	1	315
Jan-02	29.00	29.83			0.8597	0	0	0	0	0	0	0	0	1	316
Feb-02	35.90	31.00			0.8580	0	0	0	0	0	0	0	0	1	317
Mar-02	42.40	35.80			0.8562	0	0	0	0	0	0	0	0	1	318
Apr-02	49.10	42.45		Forecast	0.8544	0	0	0	0	0	0	0	0	1	319
May-02	57.50	49.53			1.0656	1	0	0	0	0	0	0	0	1	320
Jun-02	66.50	57.65			1.0634	0	1	0	0	0	0	0	0	1	321
Jul-02	74.00	66.13			1.0612	0	0	1	0	0	0	0	0	1	322
Aug-02	72.50	71.75			1.0590	0	0	0	1	0	0	0	0	1	323
Sep-02	62.60	70.40			1.0568	0	0	0	0	1	0	0	0	1	324
Oct-02	51.80	62.38			0.8440	0	0	0	0	0	1	0	0	1	325
Nov-02	30.10	49.08			0.8422	0	0	0	0	0	0	1	0	1	326
Dec-02	30.10	35.53			0.8405	0	0	0	0	0	0	0	1	1	327
Jan-03	29.00	29.83			0.8386	0	0	0	0	0	0	0	0	1	328
Feb-03	35.90	31.00			0.8368	0	0	0	0	0	0	0	0	1	329
Mar-03	42.40	35.80			0.8349	0	0	0	0	0	0	0	0	1	330
Apr-03	49.10	42.45			0.8331	0	0	0	0	0	0	0	0	1	331
May-03	57.50	49.53			1.0387	1	0	0	0	0	0	0	0	1	332
Jun-03	66.50	57.65			1.0364	0	1	0	0	0	0	0	0	1	333
Jul-03	74.00	66.13			1.0341	0	0	1	0	0	0	0	0	1	334
Aug-03	72.50	71.75			1.0318	0	0	0	1	0	0	0	0	1	335
Sep-03	62.60	70.40			1.0295	0	0	0	0	1	0	0	0	1	336
Oct-03	51.80	62.38			0.8220	0	0	0	0	0	1	0	0	1	337
Nov-03	30.10	49.08			0.8202	0	0	0	0	0	0	1	0	1	338
Dec-03	30.10	35.53			0.8184	0	0	0	0	0	0	0	1	1	339
Jan-04	29.00	29.83			0.8165	0	0	0	0	0	0	0	0	1	340
Feb-04	35.90	31.00			0.8146	0	0	0	0	0	0	0	0	1	341
Mar-04	42.40	35.80			0.8128	0	0	0	0	0	0	0	0	1	342
Apr-04	49.10	42.45			0.8109	0	0	0	0	0	0	0	0	1	343
May-04	57.50	49.53			1.0110	1	0	0	0	0	0	0	0	1	344
Jun-04	66.50	57.65			1.0087	0	1	0	0	0	0	0	0	1	345
Jul-04	74.00	66.13			1.0064	0	0	1	0	0	0	0	0	1	346
Aug-04	72.50	71.75			1.0040	0	0	0	1	0	0	0	0	1	347
Sep-04	62.60	70.40			1.0017	0	0	0	0	1	0	0	0	1	348
Oct-04	51.80	62.38			0.7998	0	0	0	0	0	1	0	0	1	349
Nov-04	30.10	49.08			0.7979	0	0	0	0	0	0	1	0	1	350
Dec-04	30.10	35.53			0.7961	0	0	0	0	0	0	0	1	1	351

Independent Variables for Monthly Water Demand Forecasts

	Linear Interpolation		Ann. Avg. Ada County Households	Ann. Avg. Ada Cnty. Non-Ag Employ.	Annual Average Ada Cnty. Population	Consumer Price Index (CPI-U) (1982-84 = 100)	Boise WSO Monthly Precip. (Inches)	Weighted & Lagged Monthly Precip. (Inches)
	Non-Ag Employ.	Ada Cnty. Population						
Jan-05	202,170	324,705	205,110	127,660		192.2	1.64	1.40
Feb-05	202,660	325,334	205,110	127,660		193.3	1.07	1.42
Mar-05	203,150	325,963	205,110	127,660		194.9	1.03	1.20
Apr-05	203,640	326,593	205,110	127,660		195.0	1.19	1.08
May-05	204,130	327,222	205,110	127,660		195.1	1.21	1.16
Jun-05	204,620	327,851	205,110	127,660		196.3	0.95	1.14
Jul-05	205,110	328,480	205,110	127,660		196.0	0.26	0.84
Aug-05	205,613	329,111	205,110	127,660		196.4	0.40	0.47
Sep-05	206,115	329,742	205,110	127,660		197.4	0.58	0.41
Oct-05	206,618	330,373	205,110	127,660		197.7	0.75	0.58
Nov-05	207,120	331,003	205,110	127,660		197.9	1.29	0.84
Dec-05	207,623	331,634	205,110	127,660		197.9	1.34	1.17
Jan-06	208,125	332,265	211,140	131,180		197.4	1.64	1.40
Feb-06	208,628	332,896	211,140	131,180	Forecast	198.5	1.07	1.42
Mar-06	209,130	333,527	211,140	131,180		200.2	1.03	1.20
Apr-06	209,633	334,158	211,140	131,180		200.3	1.19	1.08
May-06	210,135	334,788	211,140	131,180		200.4	1.21	1.16
Jun-06	210,638	335,419	211,140	131,180		201.6	0.95	1.14
Jul-06	211,140	336,050	211,140	131,180		201.3	0.26	0.84
Aug-06	211,616	336,684	211,140	131,180		201.7	0.40	0.47
Sep-06	212,092	337,318	211,140	131,180		202.7	0.58	0.41
Oct-06	212,568	337,953	211,140	131,180		203.1	0.75	0.58
Nov-06	213,043	338,587	211,140	131,180		203.2	1.29	0.84
Dec-06	213,519	339,221	211,140	131,180		203.2	1.34	1.17
Jan-07	213,995	339,855	216,850	135,120		202.5	1.64	1.40
Feb-07	214,471	340,489	216,850	135,120		203.7	1.07	1.42
Mar-07	214,947	341,123	216,850	135,120		205.4	1.03	1.20
Apr-07	215,423	341,758	216,850	135,120		205.5	1.19	1.08
May-07	215,898	342,392	216,850	135,120		205.6	1.21	1.16
Jun-07	216,374	343,026	216,850	135,120		206.8	0.95	1.14
Jul-07	216,850	343,660	216,850	135,120		206.5	0.26	0.84
Aug-07	217,345	344,293	216,850	135,120		207.0	0.40	0.47
Sep-07	217,840	344,927	216,850	135,120		208.0	0.58	0.41
Oct-07	218,335	345,560	216,850	135,120		208.4	0.75	0.58
Nov-07	218,830	346,193	216,850	135,120		208.5	1.29	0.84
Dec-07	219,325	346,827	216,850	135,120		208.5	1.34	1.17
Jan-08	219,820	347,460	222,790	138,680		207.8	1.64	1.40
Feb-08	220,315	348,093	222,790	138,680		209.0	1.07	1.42
Mar-08	220,810	348,727	222,790	138,680		210.7	1.03	1.20
Apr-08	221,305	349,360	222,790	138,680		210.8	1.19	1.08
May-08	221,800	349,993	222,790	138,680		211.0	1.21	1.16
Jun-08	222,295	350,627	222,790	138,680		212.2	0.95	1.14
Jul-08	222,790	351,260	222,790	138,680		211.9	0.26	0.84
Aug-08	223,299	351,904	222,790	138,680		212.4	0.40	0.47
Sep-08	223,808	352,548	222,790	138,680		213.4	0.58	0.41
Oct-08	224,318	353,193	222,790	138,680		213.8	0.75	0.58
Nov-08	224,827	353,837	222,790	138,680		213.9	1.29	0.84
Dec-08	225,336	354,481	222,790	138,680		213.9	1.34	1.17
Jan-09	225,845	355,125	228,900	142,560		213.0	1.64	1.40
Feb-09	226,354	355,769	228,900	142,560		214.2	1.07	1.42
Mar-09	226,863	356,413	228,900	142,560		216.0	1.03	1.20
Apr-09	227,373	357,058	228,900	142,560		216.1	1.19	1.08
May-09	227,882	357,702	228,900	142,560		216.2	1.21	1.16
Jun-09	228,391	358,346	228,900	142,560		217.5	0.95	1.14
Jul-09	228,900	358,990	228,900	142,560		217.2	0.26	0.84
Aug-09	229,398	359,638	228,900	142,560		217.7	0.40	0.47
Sep-09	229,895	360,285	228,900	142,560		218.7	0.58	0.41
Oct-09	230,393	360,933	228,900	142,560		219.1	0.75	0.58
Nov-09	230,890	361,580	228,900	142,560		219.2	1.29	0.84
Dec-09	231,388	362,228	228,900	142,560		219.2	1.34	1.17
Jan-10	231,885	362,875	234,870	146,120		218.3	1.64	1.40
Feb-10	232,383	363,523	234,870	146,120		219.6	1.07	1.42
Mar-10	232,880	364,170	234,870	146,120		221.4	1.03	1.20

Independent Variables for Monthly Water Demand Forecasts

	Boise WSO Average Temp. (Degrees F)	Weighted & Lagged Average Temp. (Degrees F)	Nominal Bi-Mo. Meter Charge ($)	Nominal Marginal Cost of Water ($ / 100 CCF)	Real (99$) Marginal Cost of Water ('99 $ / 100 CCF)	Monthly Binary Variables									
						Bmay	Bjune	Bjul	Baug	Bsep	Boct	Bnov	Bdec	Bin1*	Trend
Jan-05	29.00	29.83			0.7943	0	0	0	0	0	0	0	0	1	352
Feb-05	35.90	31.00			0.7926	0	0	0	0	0	0	0	0	1	353
Mar-05	42.40	35.80			0.7908	0	0	0	0	0	0	0	0	1	354
Apr-05	49.10	42.45			0.7891	0	0	0	0	0	0	0	0	1	355
May-05	57.50	49.53			0.9839	1	0	0	0	0	0	0	0	1	356
Jun-05	66.50	57.65			0.9817	0	1	0	0	0	0	0	0	1	357
Jul-05	74.00	66.13			0.9795	0	0	1	0	0	0	0	0	1	358
Aug-05	72.50	71.75			0.9773	0	0	0	1	0	0	0	0	1	359
Sep-05	62.60	70.40			0.9752	0	0	0	0	1	0	0	0	1	360
Oct-05	51.80	62.38			0.7786	0	0	0	0	0	1	0	0	1	361
Nov-05	30.10	49.08			0.7769	0	0	0	0	0	0	1	0	1	362
Dec-05	30.10	35.53			0.7752	0	0	0	0	0	0	0	1	1	363
Jan-06	29.00	29.83			0.7735	0	0	0	0	0	0	0	0	1	364
Feb-06	35.90	31.00		Forecast	0.7717	0	0	0	0	0	0	0	0	1	365
Mar-06	42.40	35.80			0.7700	0	0	0	0	0	0	0	0	1	366
Apr-06	49.10	42.45			0.7683	0	0	0	0	0	0	0	0	1	367
May-06	57.50	49.53			0.9580	1	0	0	0	0	0	0	0	1	368
Jun-06	66.50	57.65			0.9559	0	1	0	0	0	0	0	0	1	369
Jul-06	74.00	66.13			0.9538	0	0	1	0	0	0	0	0	1	370
Aug-06	72.50	71.75			1.2181	0	0	0	1	0	0	0	0	1	371
Sep-06	62.60	70.40			1.2154	0	0	0	0	1	0	0	0	1	372
Oct-06	51.80	62.38			0.9704	0	0	0	0	0	1	0	0	1	373
Nov-06	30.10	49.08			0.9683	0	0	0	0	0	0	1	0	1	374
Dec-06	30.10	35.53			0.9661	0	0	0	0	0	0	0	1	1	375
Jan-07	29.00	29.83			0.9641	0	0	0	0	0	0	0	0	1	376
Feb-07	35.90	31.00			0.9620	0	0	0	0	0	0	0	0	1	377
Mar-07	42.40	35.80			0.9600	0	0	0	0	0	0	0	0	1	378
Apr-07	49.10	42.45			0.9579	0	0	0	0	0	0	0	0	1	379
May-07	57.50	49.53			1.1945	1	0	0	0	0	0	0	0	1	380
Jun-07	66.50	57.65			1.1919	0	1	0	0	0	0	0	0	1	381
Jul-07	74.00	66.13			1.1894	0	0	1	0	0	0	0	0	1	382
Aug-07	72.50	71.75			1.1868	0	0	0	1	0	0	0	0	1	383
Sep-07	62.60	70.40			1.1843	0	0	0	0	1	0	0	0	1	384
Oct-07	51.80	62.38			0.9457	0	0	0	0	0	1	0	0	1	385
Nov-07	30.10	49.08			0.9437	0	0	0	0	0	0	1	0	1	386
Dec-07	30.10	35.53			0.9417	0	0	0	0	0	0	0	1	1	387
Jan-08	29.00	29.83			0.9396	0	0	0	0	0	0	0	0	1	388
Feb-08	35.90	31.00			0.9376	0	0	0	0	0	0	0	0	1	389
Mar-08	42.40	35.80			0.9356	0	0	0	0	0	0	0	0	1	390
Apr-08	49.10	42.45			0.9336	0	0	0	0	0	0	0	0	1	391
May-08	57.50	49.53			1.1642	1	0	0	0	0	0	0	0	1	392
Jun-08	66.50	57.65			1.1617	0	1	0	0	0	0	0	0	1	393
Jul-08	74.00	66.13			1.1592	0	0	1	0	0	0	0	0	1	394
Aug-08	72.50	71.75			1.1568	0	0	0	1	0	0	0	0	1	395
Sep-08	62.60	70.40			1.1543	0	0	0	0	1	0	0	0	1	396
Oct-08	51.80	62.38			0.9217	0	0	0	0	0	1	0	0	1	397
Nov-08	30.10	49.08			0.9198	0	0	0	0	0	0	1	0	1	398
Dec-08	30.10	35.53			0.9178	0	0	0	0	0	0	0	1	1	399
Jan-09	29.00	29.83			0.9159	0	0	0	0	0	0	0	0	1	400
Feb-09	35.90	31.00			0.9140	0	0	0	0	0	0	0	0	1	401
Mar-09	42.40	35.80			0.9121	0	0	0	0	0	0	0	0	1	402
Apr-09	49.10	42.45			0.9103	0	0	0	0	0	0	0	0	1	403
May-09	57.50	49.53			1.1352	1	0	0	0	0	0	0	0	1	404
Jun-09	66.50	57.65			1.1328	0	1	0	0	0	0	0	0	1	405
Jul-09	74.00	66.13			1.1305	0	0	1	0	0	0	0	0	1	406
Aug-09	72.50	71.75			1.2342	0	0	0	1	0	0	0	0	1	407
Sep-09	62.60	70.40			1.2317	0	0	0	0	1	0	0	0	1	408
Oct-09	51.80	62.38			0.9836	0	0	0	0	0	1	0	0	1	409
Nov-09	30.10	49.08			0.9816	0	0	0	0	0	0	1	0	1	410
Dec-09	30.10	35.53			0.9796	0	0	0	0	0	0	0	1	1	411
Jan-10	29.00	29.83			0.9776	0	0	0	0	0	0	0	0	1	412
Feb-10	35.90	31.00			0.9756	0	0	0	0	0	0	0	0	1	413
Mar-10	42.40	35.80			0.9735	0	0	0	0	0	0	0	0	1	414

Independent Variables for Monthly Water Demand Forecasts

	Linear Interpolation		Ann. Avg. Ada County Households	Ann. Avg. Ada Cnty. Non-Ag Employ.	Annual Average Ada Cnty. Population	Consumer Price Index (CPI-U) (1982-84 = 100)	Boise WSO Monthly Precip. (Inches)	Weighted & Lagged Monthly Precip. (Inches)
	Non-Ag Employ.	Ada Cnty. Population						
Apr-10	233,378	364,818	234,870	146,120		221.5	1.19	1.08
May-10	233,875	365,465	234,870	146,120		221.6	1.21	1.16
Jun-10	234,373	366,113	234,870	146,120		222.9	0.95	1.14
Jul-10	234,870	366,760	234,870	146,120		222.6	0.26	0.84
Aug-10	235,405	367,406	234,870	146,120		223.1	0.40	0.47
Sep-10	235,940	368,052	234,870	146,120	Forecast	224.2	0.58	0.41
Oct-10	236,475	368,698	234,870	146,120		224.6	0.75	0.58
Nov-10	237,010	369,343	234,870	146,120		224.7	1.29	0.84
Dec-10	237,545	369,989	234,870	146,120		224.7	1.34	1.17
Jan-11	238,080	370,635	241,290	150,120		223.7	1.64	1.40
Feb-11	238,615	371,281	241,290	150,120		225.1	1.07	1.42
Mar-11	239,150	371,927	241,290	150,120		226.9	1.03	1.20
Apr-11	239,685	372,573	241,290	150,120		227.1	1.19	1.08
May-11	240,220	373,218	241,290	150,120		227.2	1.21	1.16
Jun-11	240,755	373,864	241,290	150,120		228.5	0.95	1.14
Jul-11	241,290	374,510	241,290	150,120		228.2	0.26	0.84
Aug-11	241,839	375,153	241,290	150,120		228.7	0.40	0.47
Sep-11	242,388	375,797	241,290	150,120		229.8	0.58	0.41
Oct-11	242,938	376,440	241,290	150,120		230.2	0.75	0.58
Nov-11	243,487	377,083	241,290	150,120		230.3	1.29	0.84
Dec-11	244,036	377,727	241,290	150,120		230.3	1.34	1.17
Jan-12	244,585	378,370	247,880	153,800		229.3	1.64	1.40
Feb-12	245,134	379,013	247,880	153,800		230.7	1.07	1.42
Mar-12	245,683	379,657	247,880	153,800		232.6	1.03	1.20
Apr-12	246,233	380,300	247,880	153,800		232.7	1.19	1.08
May-12	246,782	380,943	247,880	153,800		232.9	1.21	1.16
Jun-12	247,331	381,587	247,880	153,800		234.2	0.95	1.14
Jul-12	247,880	382,230	247,880	153,800		233.9	0.26	0.84
Aug-12	248,413	382,891	247,880	153,800		234.4	0.40	0.47
Sep-12	248,947	383,552	247,880	153,800		235.5	0.58	0.41
Oct-12	249,480	384,213	247,880	153,800		236.0	0.75	0.58
Nov-12	250,013	384,873	247,880	153,800		236.1	1.29	0.84
Dec-12	250,547	385,534	247,880	153,800		236.1	1.34	1.17
Jan-13	251,080	386,195	254,280	157,880		235.1	1.64	1.40
Feb-13	251,613	386,856	254,280	157,880		236.5	1.07	1.42
Mar-13	252,147	387,517	254,280	157,880		238.4	1.03	1.20
Apr-13	252,680	388,178	254,280	157,880		238.5	1.19	1.08
May-13	253,213	388,838	254,280	157,880		238.7	1.21	1.16
Jun-13	253,747	389,499	254,280	157,880		240.1	0.95	1.14
Jul-13	254,280	390,160	254,280	157,880		239.7	0.26	0.84
Aug-13	254,854	390,818	254,280	157,880		240.3	0.40	0.47
Sep-13	255,428	391,477	254,280	157,880		241.4	0.58	0.41
Oct-13	256,003	392,135	254,280	157,880		241.9	0.75	0.58
Nov-13	256,577	392,793	254,280	157,880		242.0	1.29	0.84
Dec-13	257,151	393,452	254,280	157,880		242.0	1.34	1.17
Jan-14	257,725	394,110	261,170	161,490		240.9	1.64	1.40
Feb-14	258,299	394,768	261,170	161,490		242.4	1.07	1.42
Mar-14	258,873	395,427	261,170	161,490		244.4	1.03	1.20
Apr-14	259,448	396,085	261,170	161,490		244.5	1.19	1.08
May-14	260,022	396,743	261,170	161,490		244.7	1.21	1.16
Jun-14	260,596	397,402	261,170	161,490		246.1	0.95	1.14
Jul-14	261,170	398,060	261,170	161,490		245.7	0.26	0.84
Aug-14	261,762	398,719	261,170	161,490		246.3	0.40	0.47
Sep-14	262,353	399,378	261,170	161,490	Forecast	247.5	0.58	0.41
Oct-14	262,945	400,038	261,170	161,490		247.9	0.75	0.58
Nov-14	263,537	400,697	261,170	161,490		248.1	1.29	0.84
Dec-14	264,128	401,356	261,170	161,490		248.1	1.34	1.17
Jan-15	264,720	402,015	268,270	165,760		247.0	1.64	1.40
Feb-15	265,312	402,674	268,270	165,760		248.4	1.07	1.42
Mar-15	265,903	403,333	268,270	165,760		250.5	1.03	1.20
Apr-15	266,495	403,993	268,270	165,760		250.6	1.19	1.08
May-15	267,087	404,652	268,270	165,760		250.8	1.21	1.16
Jun-15	267,678	405,311	268,270	165,760		252.2	0.95	1.14

Independent Variables for Monthly Water Demand Forecasts

	Boise WSO Average Temp. (Degrees F)	Weighted & Lagged Average Temp. (Degrees F)	Nominal Bi-Mo. Meter Charge ($)	Nominal Marginal Cost of Water ($/100 CCF)	Real (99$) Marginal Cost of Water (99 $/100 CCF)	Monthly Binary Variables									
						Bmay	Bjune	Bjul	Baug	Bsep	Boct	Bnov	Bdec	Bin1*	Trend
Apr-10	49.10	42.45			0.9715	0	0	0	0	0	0	0	0	1	415
May-10	57.50	49.53			1.2116	1	0	0	0	0	0	0	0	1	416
Jun-10	66.50	57.65			1.2091	0	1	0	0	0	0	0	0	1	417
Jul-10	74.00	66.13			1.2066	0	0	1	0	0	0	0	0	1	418
Aug-10	72.50	71.75			1.2041	0	0	0	1	0	0	0	0	1	419
Sep-10	62.60	70.40		Forecast	1.2017	0	0	0	0	1	0	0	0	1	420
Oct-10	51.80	62.38			0.9596	0	0	0	0	0	1	0	0	1	421
Nov-10	30.10	49.08			0.9577	0	0	0	0	0	0	1	0	1	422
Dec-10	30.10	35.53			0.9557	0	0	0	0	0	0	0	1	1	423
Jan-11	29.00	29.83			0.9537	0	0	0	0	0	0	0	0	1	424
Feb-11	35.90	31.00			0.9518	0	0	0	0	0	0	0	0	1	425
Mar-11	42.40	35.80			0.9498	0	0	0	0	0	0	0	0	1	426
Apr-11	49.10	42.45			0.9479	0	0	0	0	0	0	0	0	1	427
May-11	57.50	49.53			1.1820	1	0	0	0	0	0	0	0	1	428
Jun-11	66.50	57.65			1.1796	0	1	0	0	0	0	0	0	1	429
Jul-11	74.00	66.13			1.1772	0	0	1	0	0	0	0	0	1	430
Aug-11	72.50	71.75			1.1748	0	0	0	1	0	0	0	0	1	431
Sep-11	62.60	70.40			1.1724	0	0	0	0	1	0	0	0	1	432
Oct-11	51.80	62.38			0.9362	0	0	0	0	0	1	0	0	1	433
Nov-11	30.10	49.08			0.9343	0	0	0	0	0	0	1	0	1	434
Dec-11	30.10	35.53			0.9324	0	0	0	0	0	0	0	1	1	435
Jan-12	29.00	29.83			0.9305	0	0	0	0	0	0	0	0	1	436
Feb-12	35.90	31.00			0.9285	0	0	0	0	0	0	0	0	1	437
Mar-12	42.40	35.80			0.9266	0	0	0	0	0	0	0	0	1	438
Apr-12	49.10	42.45			0.9247	0	0	0	0	0	0	0	0	1	439
May-12	57.50	49.53			1.1532	1	0	0	0	0	0	0	0	1	440
Jun-12	66.50	57.65			1.1508	0	1	0	0	0	0	0	0	1	441
Jul-12	74.00	66.13			1.1485	0	0	1	0	0	0	0	0	1	442
Aug-12	72.50	71.75			1.2940	0	0	0	1	0	0	0	0	1	443
Sep-12	62.60	70.40			1.2913	0	0	0	0	1	0	0	0	1	444
Oct-12	51.80	62.38			1.0312	0	0	0	0	0	1	0	0	1	445
Nov-12	30.10	49.08			1.0291	0	0	0	0	0	0	1	0	1	446
Dec-12	30.10	35.53			1.0270	0	0	0	0	0	0	0	1	1	447
Jan-13	29.00	29.83			1.0249	0	0	0	0	0	0	0	0	1	448
Feb-13	35.90	31.00			1.0228	0	0	0	0	0	0	0	0	1	449
Mar-13	42.40	35.80			1.0207	0	0	0	0	0	0	0	0	1	450
Apr-13	49.10	42.45			1.0186	0	0	0	0	0	0	0	0	1	451
May-13	57.50	49.53			1.2702	1	0	0	0	0	0	0	0	1	452
Jun-13	66.50	57.65			1.2676	0	1	0	0	0	0	0	0	1	453
Jul-13	74.00	66.13			1.2650	0	0	1	0	0	0	0	0	1	454
Aug-13	72.50	71.75			1.2624	0	0	0	1	0	0	0	0	1	455
Sep-13	62.60	70.40			1.2598	0	0	0	0	1	0	0	0	1	456
Oct-13	51.80	62.38			1.0061	0	0	0	0	0	1	0	0	1	457
Nov-13	30.10	49.08			1.0040	0	0	0	0	0	0	1	0	1	458
Dec-13	30.10	35.53			1.0019	0	0	0	0	0	0	0	1	1	459
Jan-14	29.00	29.83			0.9999	0	0	0	0	0	0	0	0	1	460
Feb-14	35.90	31.00			0.9978	0	0	0	0	0	0	0	0	1	461
Mar-14	42.40	35.80			0.9958	0	0	0	0	0	0	0	0	1	462
Apr-14	49.10	42.45			0.9937	0	0	0	0	0	0	0	0	1	463
May-14	57.50	49.53			1.2392	1	0	0	0	0	0	0	0	1	464
Jun-14	66.50	57.65			1.2367	0	1	0	0	0	0	0	0	1	465
Jul-14	74.00	66.13			1.2341	0	0	1	0	0	0	0	0	1	466
Aug-14	72.50	71.75			1.2316	0	0	0	1	0	0	0	0	1	467
Sep-14	62.60	70.40		Forecast	1.2291	0	0	0	0	1	0	0	0	1	468
Oct-14	51.80	62.38			0.9815	0	0	0	0	0	1	0	0	1	469
Nov-14	30.10	49.08			0.9795	0	0	0	0	0	0	1	0	1	470
Dec-14	30.10	35.53			0.9775	0	0	0	0	0	0	0	1	1	471
Jan-15	29.00	29.83			0.9755	0	0	0	0	0	0	0	0	1	472
Feb-15	35.90	31.00			0.9735	0	0	0	0	0	0	0	0	1	473
Mar-15	42.40	35.80			0.9715	0	0	0	0	0	0	0	0	1	474
Apr-15	49.10	42.45			0.9695	0	0	0	0	0	0	0	0	1	475
May-15	57.50	49.53			1.2090	1	0	0	0	0	0	0	0	1	476
Jun-15	66.50	57.65			1.2065	0	1	0	0	0	0	0	0	1	477

Independent Variables for Monthly Water Demand Forecasts

	Linear Interpolation		Ann. Avg. Ada County Households	Ann. Avg. Ada Cnty. Non-Ag Employ.	Annual Average Ada Cnty. Population	Consumer Price Index (CPI-U) (1982-84 = 100)	Boise WSO Monthly Precip. (Inches)	Weighted & Lagged Monthly Precip. (Inches)
	Non-Ag Employ.	Ada Cnty. Population						
Jul-15	268,270	405,970	268,270	165,760		251.8	0.26	0.84
Aug-15	268,868	406,640	268,270	165,760		252.4	0.40	0.47
Sep-15	269,467	407,310	268,270	165,760		253.7	0.58	0.41
Oct-15	270,065	407,980	268,270	165,760		254.1	0.75	0.58
Nov-15	270,663	408,650	268,270	165,760		254.3	1.29	0.84
Dec-15	271,262	409,320	268,270	165,760		254.3	1.34	1.17
Jan-16	271,860	409,990	275,450	169,580		253.1	1.64	1.40
Feb-16	272,458	410,660	275,450	169,580		254.6	1.07	1.42
Mar-16	273,057	411,330	275,450	169,580		256.7	1.03	1.20
Apr-16	273,655	412,000	275,450	169,580		256.9	1.19	1.08
May-16	274,253	412,670	275,450	169,580		257.0	1.21	1.16
Jun-16	274,852	413,340	275,450	169,580		258.5	0.95	1.14
Jul-16	275,450	414,010	275,450	169,580		258.1	0.26	0.84
Aug-16	276,050	414,685	275,450	169,580		258.8	0.40	0.47
Sep-16	276,650	415,360	275,450	169,580		260.0	0.58	0.41
Oct-16	277,250	416,035	275,450	169,580		260.5	0.75	0.58
Nov-16	277,850	416,710	275,450	169,580		260.6	1.29	0.84
Dec-16	278,450	417,385	275,450	169,580		260.6	1.34	1.17
Jan-17	279,050	418,060	282,650	174,110		259.5	1.64	1.40
Feb-17	279,650	418,735	282,650	174,110		261.0	1.07	1.42
Mar-17	280,250	419,410	282,650	174,110		263.2	1.03	1.20
Apr-17	280,850	420,085	282,650	174,110		263.3	1.19	1.08
May-17	281,450	420,760	282,650	174,110		263.5	1.21	1.16
Jun-17	282,050	421,435	282,650	174,110		265.0	0.95	1.14
Jul-17	282,650	422,110	282,650	174,110		264.6	0.26	0.84
Aug-17	283,268	422,790	282,650	174,110		265.2	0.40	0.47
Sep-17	283,885	423,470	282,650	174,110		266.5	0.58	0.41
Oct-17	284,503	424,150	282,650	174,110		267.0	0.75	0.58
Nov-17	285,120	424,830	282,650	174,110		267.1	1.29	0.84
Dec-17	285,738	425,510	282,650	174,110		267.1	1.34	1.17
Jan-18	286,355	426,190	290,060	178,120		266.0	1.64	1.40
Feb-18	286,973	426,870	290,060	178,120		267.5	1.07	1.42
Mar-18	287,590	427,550	290,060	178,120		269.7	1.03	1.20
Apr-18	288,208	428,230	290,060	178,120		269.9	1.19	1.08
May-18	288,825	428,910	290,060	178,120		270.0	1.21	1.16
Jun-18	289,443	429,590	290,060	178,120		271.6	0.95	1.14
Jul-18	290,060	430,270	290,060	178,120		271.2	0.26	0.84
Aug-18	290,676	430,953	290,060	178,120		271.9	0.40	0.47
Sep-18	291,292	431,637	290,060	178,120		273.2	0.58	0.41
Oct-18	291,908	432,320	290,060	178,120		273.6	0.75	0.58
Nov-18	292,523	433,003	290,060	178,120		273.8	1.29	0.84
Dec-18	293,139	433,687	290,060	178,120		273.8	1.34	1.17
Jan-19	293,755	434,370	297,450	181,750	Forecast	272.6	1.64	1.40
Feb-19	294,371	435,053	297,450	181,750		274.2	1.07	1.42
Mar-19	294,987	435,737	297,450	181,750		276.5	1.03	1.20
Apr-19	295,603	436,420	297,450	181,750		276.6	1.19	1.08
May-19	296,218	437,103	297,450	181,750		276.8	1.21	1.16
Jun-19	296,834	437,787	297,450	181,750		278.4	0.95	1.14
Jul-19	297,450	438,470	297,450	181,750		278.0	0.26	0.84
Aug-19	298,096	439,163	297,450	181,750		278.7	0.40	0.47
Sep-19	298,742	439,857	297,450	181,750		280.0	0.58	0.41
Oct-19	299,388	440,550	297,450	181,750		280.5	0.75	0.58
Nov-19	300,033	441,243	297,450	181,750		280.7	1.29	0.84
Dec-19	300,679	441,937	297,450	181,750		280.7	1.34	1.17
Jan-20	301,325	442,630	305,200	186,460		279.4	1.64	1.40
Feb-20	301,971	443,323	305,200	186,460		281.1	1.07	1.42
Mar-20	302,617	444,017	305,200	186,460		283.4	1.03	1.20
Apr-20	303,263	444,710	305,200	186,460		283.6	1.19	1.08
May-20	303,908	445,403	305,200	186,460		283.7	1.21	1.16
Jun-20	304,554	446,097	305,200	186,460		285.4	0.95	1.14
Jul-20	305,200	446,790	305,200	186,460		284.9	0.26	0.84
Aug-20	305,823	447,485	305,200	186,460		285.6	0.40	0.47
Sep-20	306,445	448,180	305,200	186,460		287.0	0.58	0.41

Independent Variables for Monthly Water Demand Forecasts

	Boise WSO Average Temp. (Degrees F)	Weighted & Lagged Average Temp. (Degrees F)	Nominal Bi-Mo. Meter Charge ($)	Nominal Marginal Cost of Water ($ / 100 CCF)	Real (99$) Marginal Cost of Water (99 $ / 100 CCF)	Monthly Binary Variables									
						Bmay	Bjune	Bjul	Baug	Bsep	Boct	Bnov	Bdec	Bin1*	Trend
Jul-15	74.00	66.13			1.2040	0	0	1	0	0	0	0	0	1	478
Aug-15	72.50	71.75			1.3265	0	0	0	1	0	0	0	0	1	479
Sep-15	62.60	70.40			1.3238	0	0	0	0	1	0	0	0	1	480
Oct-15	51.80	62.38			1.0572	0	0	0	0	0	1	0	0	1	481
Nov-15	30.10	49.08			1.0550	0	0	0	0	0	0	1	0	1	482
Dec-15	30.10	35.53			1.0528	0	0	0	0	0	0	0	1	1	483
Jan-16	29.00	29.83			1.0507	0	0	0	0	0	0	0	0	1	484
Feb-16	35.90	31.00			1.0485	0	0	0	0	0	0	0	0	1	485
Mar-16	42.40	35.80			1.0464	0	0	0	0	0	0	0	0	1	486
Apr-16	49.10	42.45			1.0442	0	0	0	0	0	0	0	0	1	487
May-16	57.50	49.53			1.3022	1	0	0	0	0	0	0	0	1	488
Jun-16	66.50	57.65			1.2995	0	1	0	0	0	0	0	0	1	489
Jul-16	74.00	66.13			1.2968	0	0	1	0	0	0	0	0	1	490
Aug-16	72.50	71.75			1.2942	0	0	0	1	0	0	0	0	1	491
Sep-16	62.60	70.40			1.2915	0	0	0	0	1	0	0	0	1	492
Oct-16	51.80	62.38			1.0314	0	0	0	0	0	1	0	0	1	493
Nov-16	30.10	49.08			1.0293	0	0	0	0	0	0	1	0	1	494
Dec-16	30.10	35.53			1.0272	0	0	0	0	0	0	0	1	1	495
Jan-17	29.00	29.83			1.0250	0	0	0	0	0	0	0	0	1	496
Feb-17	35.90	31.00			1.0229	0	0	0	0	0	0	0	0	1	497
Mar-17	42.40	35.80			1.0208	0	0	0	0	0	0	0	0	1	498
Apr-17	49.10	42.45			1.0187	0	0	0	0	0	0	0	0	1	499
May-17	57.50	49.53			1.2704	1	0	0	0	0	0	0	0	1	500
Jun-17	66.50	57.65			1.2678	0	1	0	0	0	0	0	0	1	501
Jul-17	74.00	66.13			1.2652	0	0	1	0	0	0	0	0	1	502
Aug-17	72.50	71.75			1.2626	0	0	0	1	0	0	0	0	1	503
Sep-17	62.60	70.40			1.2600	0	0	0	0	1	0	0	0	1	504
Oct-17	51.80	62.38			1.0062	0	0	0	0	0	1	0	0	1	505
Nov-17	30.10	49.08			1.0042	0	0	0	0	0	0	1	0	1	506
Dec-17	30.10	35.53			1.0021	0	0	0	0	0	0	0	1	1	507
Jan-18	29.00	29.83			1.0000	0	0	0	0	0	0	0	0	1	508
Feb-18	35.90	31.00			0.9980	0	0	0	0	0	0	0	0	1	509
Mar-18	42.40	35.80			0.9959	0	0	0	0	0	0	0	0	1	510
Apr-18	49.10	42.45			0.9939	0	0	0	0	0	0	0	0	1	511
May-18	57.50	49.53			1.2394	1	0	0	0	0	0	0	0	1	512
Jun-18	66.50	57.65			1.2369	0	1	0	0	0	0	0	0	1	513
Jul-18	74.00	66.13			1.2344	0	0	1	0	0	0	0	0	1	514
Aug-18	72.50	71.75			1.3698	0	0	0	1	0	0	0	0	1	515
Sep-18	62.60	70.40			1.3670	0	0	0	0	1	0	0	0	1	516
Oct-18	51.80	62.38			1.0916	0	0	0	0	0	1	0	0	1	517
Nov-18	30.10	49.08			1.0894	0	0	0	0	0	0	1	0	1	518
Dec-18	30.10	35.53			1.0872	0	0	0	0	0	0	0	1	1	519
Jan-19	29.00	29.83		Forecast	1.0849	0	0	0	0	0	0	0	0	1	520
Feb-19	35.90	31.00			1.0827	0	0	0	0	0	0	0	0	1	521
Mar-19	42.40	35.80			1.0805	0	0	0	0	0	0	0	0	1	522
Apr-19	49.10	42.45			1.0782	0	0	0	0	0	0	0	0	1	523
May-19	57.50	49.53			1.3446	1	0	0	0	0	0	0	0	1	524
Jun-19	66.50	57.65			1.3419	0	1	0	0	0	0	0	0	1	525
Jul-19	74.00	66.13			1.3391	0	0	1	0	0	0	0	0	1	526
Aug-19	72.50	71.75			1.3364	0	0	0	1	0	0	0	0	1	527
Sep-19	62.60	70.40			1.3336	0	0	0	0	1	0	0	0	1	528
Oct-19	51.80	62.38			1.0650	0	0	0	0	0	1	0	0	1	529
Nov-19	30.10	49.08			1.0628	0	0	0	0	0	0	1	0	1	530
Dec-19	30.10	35.53			1.0606	0	0	0	0	0	0	0	1	1	531
Jan-20	29.00	29.83			1.0585	0	0	0	0	0	0	0	0	1	532
Feb-20	35.90	31.00			1.0563	0	0	0	0	0	0	0	0	1	533
Mar-20	42.40	35.80			1.0541	0	0	0	0	0	0	0	0	1	534
Apr-20	49.10	42.45			1.0519	0	0	0	0	0	0	0	0	1	535
May-20	57.50	49.53			1.3119	1	0	0	0	0	0	0	0	1	536
Jun-20	66.50	57.65			1.3092	0	1	0	0	0	0	0	0	1	537
Jul-20	74.00	66.13			1.3065	0	0	1	0	0	0	0	0	1	538
Aug-20	72.50	71.75			1.3038	0	0	0	1	0	0	0	0	1	539
Sep-20	62.60	70.40			1.3011	0	0	0	0	1	0	0	0	1	540

Independent Variables for Monthly Water Demand Forecasts

	Linear Interpolation		Ann. Avg. Ada County Households	Ann. Avg. Ada Cnty. Non-Ag Employ.	Annual Average Ada Cnty. Population	Consumer Price Index (CPI-U) (1982-84 = 100)	Boise WSO Monthly Precip. (Inches)	Weighted & Lagged Monthly Precip. (Inches)
	Non-Ag Employ.	Ada Cnty. Population						
Oct-20	307,068	448,875	305,200	186,460		287.5	0.75	0.58
Nov-20	307,690	449,570	305,200	186,460		287.7	1.29	0.84
Dec-20	308,313	450,265	305,200	186,460		287.7	1.34	1.17
Jan-21	308,935	450,960	312,670	190,000		286.4	1.64	1.40
Feb-21	309,558	451,655	312,670	190,000		288.1	1.07	1.42
Mar-21	310,180	452,350	312,670	190,000		290.5	1.03	1.20
Apr-21	310,803	453,045	312,670	190,000		290.6	1.19	1.08
May-21	311,425	453,740	312,670	190,000		290.8	1.21	1.16
Jun-21	312,048	454,435	312,670	190,000		292.5	0.95	1.14
Jul-21	312,670	455,130	312,670	190,000		292.1	0.26	0.84
Aug-21	313,318	455,831	312,670	190,000		292.8	0.40	0.47
Sep-21	313,965	456,532	312,670	190,000		294.2	0.58	0.41
Oct-21	314,613	457,233	312,670	190,000		294.7	0.75	0.58
Nov-21	315,260	457,933	312,670	190,000		294.9	1.29	0.84
Dec-21	315,908	458,634	312,670	190,000		294.9	1.34	1.17
Jan-22	316,555	459,335	320,440	194,000		293.6	1.64	1.40
Feb-22	317,203	460,036	320,440	194,000		295.3	1.07	1.42
Mar-22	317,850	460,737	320,440	194,000		297.7	1.03	1.20
Apr-22	318,498	461,438	320,440	194,000		297.9	1.19	1.08
May-22	319,145	462,138	320,440	194,000		298.1	1.21	1.16
Jun-22	319,793	462,839	320,440	194,000		299.8	0.95	1.14
Jul-22	320,440	463,540	320,440	194,000		299.4	0.26	0.84
Aug-22	321,078	464,245	320,440	194,000		300.1	0.40	0.47
Sep-22	321,717	464,950	320,440	194,000		301.5	0.58	0.41
Oct-22	322,355	465,655	320,440	194,000		302.1	0.75	0.58
Nov-22	322,993	466,360	320,440	194,000		302.2	1.29	0.84
Dec-22	323,632	467,065	320,440	194,000		302.2	1.34	1.17
Jan-23	324,270	467,770	328,100	198,620		300.9	1.64	1.40
Feb-23	324,908	468,475	328,100	198,620		302.7	1.07	1.42
Mar-23	325,547	469,180	328,100	198,620		305.2	1.03	1.20
Apr-23	326,185	469,885	328,100	198,620		305.4	1.19	1.08
May-23	326,823	470,590	328,100	198,620		305.5	1.21	1.16
Jun-23	327,462	471,295	328,100	198,620	Forecast	307.3	0.95	1.14
Jul-23	328,100	472,000	328,100	198,620		306.8	0.26	0.84
Aug-23	328,758	472,720	328,100	198,620		307.6	0.40	0.47
Sep-23	329,415	473,440	328,100	198,620		309.1	0.58	0.41
Oct-23	330,073	474,160	328,100	198,620		309.6	0.75	0.58
Nov-23	330,730	474,880	328,100	198,620		309.8	1.29	0.84
Dec-23	331,388	475,600	328,100	198,620		309.8	1.34	1.17
Jan-24	332,045	476,320	335,990	202,710		308.4	1.64	1.40
Feb-24	332,703	477,040	335,990	202,710		310.2	1.07	1.42
Mar-24	333,360	477,760	335,990	202,710		312.8	1.03	1.20
Apr-24	334,018	478,480	335,990	202,710		313.0	1.19	1.08
May-24	334,675	479,200	335,990	202,710		313.2	1.21	1.16
Jun-24	335,333	479,920	335,990	202,710		315.0	0.95	1.14
Jul-24	335,990	480,640	335,990	202,710		314.5	0.26	0.84
Aug-24	336,642	481,364	335,990	202,710		315.3	0.40	0.47
Sep-24	337,293	482,088	335,990	202,710		316.8	0.58	0.41
Oct-24	337,945	482,813	335,990	202,710		317.3	0.75	0.58
Nov-24	338,597	483,537	335,990	202,710		317.5	1.29	0.84
Dec-24	339,248	484,261	335,990	202,710		317.5	1.34	1.17
Jan-25	339,900	484,985	343,810	207,080		316.1	1.64	1.40
Feb-25	340,552	485,709	343,810	207,080		318.0	1.07	1.42
Mar-25	341,203	486,433	343,810	207,080		320.6	1.03	1.20
Apr-25	341,855	487,158	343,810	207,080		320.8	1.19	1.08
May-25	342,507	487,882	343,810	207,080		321.0	1.21	1.16
Jun-25	343,158	488,606	343,810	207,080		322.9	0.95	1.14
Jul-25	343,810	489,330	343,810	207,080		322.4	0.26	0.84
Aug-25	344,586	490,146	343,810	207,080		323.2	0.40	0.47
Sep-25	345,362	490,962	343,810	207,080		324.7	0.58	0.41
Oct-25	346,138	491,778	343,810	207,080		325.3	0.75	0.58
Nov-25	346,913	492,593	343,810	207,080		325.5	1.29	0.84
Dec-25	347,689	493,409	343,810	207,080		325.5	1.34	1.17

Independent Variables for Monthly Water Demand Forecasts

	Boise WSO Average Temp. (Degrees F)	Weighted & Lagged Average Temp. (Degrees F)	Nominal Bi-Mo. Meter Charge ($)	Nominal Marginal Cost of Water ($ / 100 CCF)	Real (99$) Marginal Cost of Water (99 $ / 100 CCF)	Monthly Binary Variables									
						Bmay	Bjune	Bjul	Baug	Bsep	Boct	Bnov	Bdec	Bin1*	Trend
Oct-20	51.80	62.38			1.0390	0	0	0	0	0	1	0	0	1	541
Nov-20	30.10	49.08			1.0369	0	0	0	0	0	0	1	0	1	542
Dec-20	30.10	35.53			1.0348	0	0	0	0	0	0	0	1	1	543
Jan-21	29.00	29.83			1.0326	0	0	0	0	0	0	0	0	1	544
Feb-21	35.90	31.00			1.0305	0	0	0	0	0	0	0	0	1	545
Mar-21	42.40	35.80			1.0284	0	0	0	0	0	0	0	0	1	546
Apr-21	49.10	42.45			1.0263	0	0	0	0	0	0	0	0	1	547
May-21	57.50	49.53			1.2799	1	0	0	0	0	0	0	0	1	548
Jun-21	66.50	57.65			1.2772	0	1	0	0	0	0	0	0	1	549
Jul-21	74.00	66.13			1.2746	0	0	1	0	0	0	0	0	1	550
Aug-21	72.50	71.75			1.3038	0	0	0	1	0	0	0	0	1	551
Sep-21	62.60	70.40			1.3011	0	0	0	0	1	0	0	0	1	552
Oct-21	51.80	62.38			1.0390	0	0	0	0	0	1	0	0	1	553
Nov-21	30.10	49.08			1.0369	0	0	0	0	0	0	1	0	1	554
Dec-21	30.10	35.53			1.0348	0	0	0	0	0	0	0	1	1	555
Jan-22	29.00	29.83			1.0326	0	0	0	0	0	0	0	0	1	556
Feb-22	35.90	31.00			1.0305	0	0	0	0	0	0	0	0	1	557
Mar-22	42.40	35.80			1.0284	0	0	0	0	0	0	0	0	1	558
Apr-22	49.10	42.45			1.0263	0	0	0	0	0	0	0	0	1	559
May-22	57.50	49.53			1.2799	1	0	0	0	0	0	0	0	1	560
Jun-22	66.50	57.65			1.2772	0	1	0	0	0	0	0	0	1	561
Jul-22	74.00	66.13			1.2746	0	0	1	0	0	0	0	0	1	562
Aug-22	72.50	71.75			1.3038	0	0	0	1	0	0	0	0	1	563
Sep-22	62.60	70.40			1.3011	0	0	0	0	1	0	0	0	1	564
Oct-22	51.80	62.38			1.0390	0	0	0	0	0	1	0	0	1	565
Nov-22	30.10	49.08			1.0369	0	0	0	0	0	0	1	0	1	566
Dec-22	30.10	35.53			1.0348	0	0	0	0	0	0	0	1	1	567
Jan-23	29.00	29.83			1.0326	0	0	0	0	0	0	0	0	1	568
Feb-23	35.90	31.00			1.0305	0	0	0	0	0	0	0	0	1	569
Mar-23	42.40	35.80			1.0284	0	0	0	0	0	0	0	0	1	570
Apr-23	49.10	42.45			1.0263	0	0	0	0	0	0	0	0	1	571
May-23	57.50	49.53			1.2799	1	0	0	0	0	0	0	0	1	572
Jun-23	66.50	57.65		Forecast	1.2772	0	1	0	0	0	0	0	0	1	573
Jul-23	74.00	66.13			1.2746	0	0	1	0	0	0	0	0	1	574
Aug-23	72.50	71.75			1.3038	0	0	0	1	0	0	0	0	1	575
Sep-23	62.60	70.40			1.3011	0	0	0	0	1	0	0	0	1	576
Oct-23	51.80	62.38			1.0390	0	0	0	0	0	1	0	0	1	577
Nov-23	30.10	49.08			1.0369	0	0	0	0	0	0	1	0	1	578
Dec-23	30.10	35.53			1.0348	0	0	0	0	0	0	0	1	1	579
Jan-24	29.00	29.83			1.0326	0	0	0	0	0	0	0	0	1	580
Feb-24	35.90	31.00			1.0305	0	0	0	0	0	0	0	0	1	581
Mar-24	42.40	35.80			1.0284	0	0	0	0	0	0	0	0	1	582
Apr-24	49.10	42.45			1.0263	0	0	0	0	0	0	0	0	1	583
May-24	57.50	49.53			1.2799	1	0	0	0	0	0	0	0	1	584
Jun-24	66.50	57.65			1.2772	0	1	0	0	0	0	0	0	1	585
Jul-24	74.00	66.13			1.2746	0	0	1	0	0	0	0	0	1	586
Aug-24	72.50	71.75			1.3038	0	0	0	1	0	0	0	0	1	587
Sep-24	62.60	70.40			1.3011	0	0	0	0	1	0	0	0	1	588
Oct-24	51.80	62.38			1.0390	0	0	0	0	0	1	0	0	1	589
Nov-24	30.10	49.08			1.0369	0	0	0	0	0	0	1	0	1	590
Dec-24	30.10	35.53			1.0348	0	0	0	0	0	0	0	1	1	591
Jan-25	29.00	29.83			1.0326	0	0	0	0	0	0	0	0	1	592
Feb-25	35.90	31.00			1.0305	0	0	0	0	0	0	0	0	1	593
Mar-25	42.40	35.80			1.0284	0	0	0	0	0	0	0	0	1	594
Apr-25	49.10	42.45			1.0263	0	0	0	0	0	0	0	0	1	595
May-25	57.50	49.53			1.2799	1	0	0	0	0	0	0	0	1	596
Jun-25	66.50	57.65			1.2772	0	1	0	0	0	0	0	0	1	597
Jul-25	74.00	66.13			1.2746	0	0	1	0	0	0	0	0	1	598
Aug-25	72.50	71.75			1.3038	0	0	0	1	0	0	0	0	1	599
Sep-25	62.60	70.40			1.3011	0	0	0	0	1	0	0	0	1	600
Oct-25	51.80	62.38			1.0390	0	0	0	0	0	1	0	0	1	601
Nov-25	30.10	49.08			1.0369	0	0	0	0	0	0	1	0	1	602
Dec-25	30.10	35.53			1.0348	0	0	0	0	0	0	0	1	1	603

Independent Variables for Monthly Water Demand Forecasts

	Linear Interpolation		Ann. Avg. Ada County Households	Ann. Avg. Ada Cnty. Non-Ag Employ.	Annual Average Ada Cnty. Population	Consumer Price Index (CPI-U) (1982-84 = 100)	Boise WSO Monthly Precip. (Inches)	Weighted & Lagged Monthly Precip. (Inches)
	Non-Ag Employ.	Ada Cnty. Population						
Jan-26	348,465	494,225	353,120	210,450		324.0	1.64	1.40
Feb-26	349,241	495,041	353,120	210,450		326.0	1.07	1.42
Mar-26	350,017	495,857	353,120	210,450		328.6	1.03	1.20
Apr-26	350,793	496,673	353,120	210,450		328.8	1.19	1.08
May-26	351,568	497,488	353,120	210,450		329.0	1.21	1.16
Jun-26	352,344	498,304	353,120	210,450		330.9	0.95	1.14
Jul-26	353,120	499,120	353,120	210,450		330.4	0.26	0.84
Aug-26	353,919	499,952	353,120	210,450		331.2	0.40	0.47
Sep-26	354,718	500,783	353,120	210,450		332.8	0.58	0.41
Oct-26	355,518	501,615	353,120	210,450		333.4	0.75	0.58
Nov-26	356,317	502,447	353,120	210,450		333.6	1.29	0.84
Dec-26	357,116	503,278	353,120	210,450		333.6	1.34	1.17
Jan-27	357,915	504,110	362,710	214,660		332.1	1.64	1.40
Feb-27	358,714	504,942	362,710	214,660		334.1	1.07	1.42
Mar-27	359,513	505,773	362,710	214,660		336.9	1.03	1.20
Apr-27	360,313	506,605	362,710	214,660		337.1	1.19	1.08
May-27	361,112	507,437	362,710	214,660		337.3	1.21	1.16
Jun-27	361,911	508,268	362,710	214,660		339.2	0.95	1.14
Jul-27	362,710	509,100	362,710	214,660		338.7	0.26	0.84
Aug-27	363,534	509,948	362,710	214,660		339.5	0.40	0.47
Sep-27	364,358	510,797	362,710	214,660		341.1	0.58	0.41
Oct-27	365,183	511,645	362,710	214,660		341.7	0.75	0.58
Nov-27	366,007	512,493	362,710	214,660		342.0	1.29	0.84
Dec-27	366,831	513,342	362,710	214,660	Forecast	342.0	1.34	1.17
Jan-28	367,655	514,190	372,600	218,950		340.4	1.64	1.40
Feb-28	368,479	515,038	372,600	218,950		342.5	1.07	1.42
Mar-28	369,303	515,887	372,600	218,950		345.3	1.03	1.20
Apr-28	370,128	516,735	372,600	218,950		345.5	1.19	1.08
May-28	370,952	517,583	372,600	218,950		345.7	1.21	1.16
Jun-28	371,776	518,432	372,600	218,950		347.7	0.95	1.14
Jul-28	372,600	519,280	372,600	218,950		347.2	0.26	0.84
Aug-28	373,449	520,146	372,600	218,950		348.0	0.40	0.47
Sep-28	374,298	521,012	372,600	218,950		349.7	0.58	0.41
Oct-28	375,148	521,878	372,600	218,950		350.3	0.75	0.58
Nov-28	375,997	522,743	372,600	218,950		350.5	1.29	0.84
Dec-28	376,846	523,609	372,600	218,950		350.5	1.34	1.17
Jan-29	377,695	524,475	382,790	223,330		348.9	1.64	1.40
Feb-29	378,544	525,341	382,790	223,330		351.0	1.07	1.42
Mar-29	379,393	526,207	382,790	223,330		353.9	1.03	1.20
Apr-29	380,243	527,073	382,790	223,330		354.1	1.19	1.08
May-29	381,092	527,938	382,790	223,330		354.3	1.21	1.16
Jun-29	381,941	528,804	382,790	223,330		356.4	0.95	1.14
Jul-29	382,790	529,670	382,790	223,330		355.8	0.26	0.84
Aug-29	383,665	530,553	382,790	223,330		356.7	0.40	0.47
Sep-29	384,540	531,435	382,790	223,330		358.4	0.58	0.41
Oct-29	385,415	532,318	382,790	223,330		359.0	0.75	0.58
Nov-29	386,290	533,200	382,790	223,330		359.3	1.29	0.84
Dec-29	387,165	534,083	382,790	223,330		359.3	1.34	1.17
Jan-30	388,040	534,965	393,290	227,800		357.7	1.64	1.40
Feb-30	388,915	535,848	393,290	227,800		359.8	1.07	1.42
Mar-30	389,790	536,730	393,290	227,800		362.8	1.03	1.20
Apr-30	390,665	537,613	393,290	227,800		363.0	1.19	1.08
May-30	391,540	538,495	393,290	227,800		363.2	1.21	1.16
Jun-30	392,415	539,378	393,290	227,800		365.3	0.95	1.14
Jul-30	393,290	540,260	393,290	227,800		364.7	0.26	0.84
Aug-30	394,192	541,161	393,290	227,800		365.6	0.40	0.47
Sep-30	395,093	542,062	393,290	227,800		367.4	0.58	0.41
Oct-30	395,995	542,963	393,290	227,800		368.0	0.75	0.58
Nov-30	396,897	543,863	393,290	227,800		368.2	1.29	0.84
Dec-30	397,798	544,764	393,290	227,800		368.2	1.34	1.17
Jan-31	398,700	545,665	404,110	232,350		366.6	1.64	1.40
Feb-31	399,602	546,566	404,110	232,350		368.8	1.07	1.42
Mar-31	400,503	547,467	404,110	232,350		371.8	1.03	1.20

Independent Variables for Monthly Water Demand Forecasts

	Boise WSO Average Temp. (Degrees F)	Weighted & Lagged Average Temp. (Degrees F)	Nominal Bi-Mo. Meter Charge ($)	Nominal Marginal Cost of Water ($ / 100 CCF)	Real (99$) Marginal Cost of Water ('99 $ / 100 CCF)	Monthly Binary Variables									
						Bmay	Bjune	Bjul	Baug	Bsep	Boct	Bnov	Bdec	Bin1*	Trend
Jan-26	29.00	29.83			1.0326	0	0	0	0	0	0	0	0	1	604
Feb-26	35.90	31.00			1.0305	0	0	0	0	0	0	0	0	1	605
Mar-26	42.40	35.80			1.0284	0	0	0	0	0	0	0	0	1	606
Apr-26	49.10	42.45			1.0263	0	0	0	0	0	0	0	0	1	607
May-26	57.50	49.53			1.2799	1	0	0	0	0	0	0	0	1	608
Jun-26	66.50	57.65			1.2772	0	1	0	0	0	0	0	0	1	609
Jul-26	74.00	66.13			1.2746	0	0	1	0	0	0	0	0	1	610
Aug-26	72.50	71.75			1.3038	0	0	0	1	0	0	0	0	1	611
Sep-26	62.60	70.40			1.3011	0	0	0	0	1	0	0	0	1	612
Oct-26	51.80	62.38			1.0390	0	0	0	0	0	1	0	0	1	613
Nov-26	30.10	49.08			1.0369	0	0	0	0	0	0	1	0	1	614
Dec-26	30.10	35.53			1.0348	0	0	0	0	0	0	0	1	1	615
Jan-27	29.00	29.83			1.0326	0	0	0	0	0	0	0	0	1	616
Feb-27	35.90	31.00			1.0305	0	0	0	0	0	0	0	0	1	617
Mar-27	42.40	35.80			1.0284	0	0	0	0	0	0	0	0	1	618
Apr-27	49.10	42.45			1.0263	0	0	0	0	0	0	0	0	1	619
May-27	57.50	49.53			1.2799	1	0	0	0	0	0	0	0	1	620
Jun-27	66.50	57.65			1.2772	0	1	0	0	0	0	0	0	1	621
Jul-27	74.00	66.13			1.2746	0	0	1	0	0	0	0	0	1	622
Aug-27	72.50	71.75			1.3038	0	0	0	1	0	0	0	0	1	623
Sep-27	62.60	70.40			1.3011	0	0	0	0	1	0	0	0	1	624
Oct-27	51.80	62.38			1.0390	0	0	0	0	0	1	0	0	1	625
Nov-27	30.10	49.08			1.0369	0	0	0	0	0	0	1	0	1	626
Dec-27	30.10	35.53		Forecast	1.0348	0	0	0	0	0	0	0	1	1	627
Jan-28	29.00	29.83			1.0326	0	0	0	0	0	0	0	0	1	628
Feb-28	35.90	31.00			1.0305	0	0	0	0	0	0	0	0	1	629
Mar-28	42.40	35.80			1.0284	0	0	0	0	0	0	0	0	1	630
Apr-28	49.10	42.45			1.0263	0	0	0	0	0	0	0	0	1	631
May-28	57.50	49.53			1.2799	1	0	0	0	0	0	0	0	1	632
Jun-28	66.50	57.65			1.2772	0	1	0	0	0	0	0	0	1	633
Jul-28	74.00	66.13			1.2746	0	0	1	0	0	0	0	0	1	634
Aug-28	72.50	71.75			1.3038	0	0	0	1	0	0	0	0	1	635
Sep-28	62.60	70.40			1.3011	0	0	0	0	1	0	0	0	1	636
Oct-28	51.80	62.38			1.0390	0	0	0	0	0	1	0	0	1	637
Nov-28	30.10	49.08			1.0369	0	0	0	0	0	0	1	0	1	638
Dec-28	30.10	35.53			1.0348	0	0	0	0	0	0	0	1	1	639
Jan-29	29.00	29.83			1.0326	0	0	0	0	0	0	0	0	1	640
Feb-29	35.90	31.00			1.0305	0	0	0	0	0	0	0	0	1	641
Mar-29	42.40	35.80			1.0284	0	0	0	0	0	0	0	0	1	642
Apr-29	49.10	42.45			1.0263	0	0	0	0	0	0	0	0	1	643
May-29	57.50	49.53			1.2799	1	0	0	0	0	0	0	0	1	644
Jun-29	66.50	57.65			1.2772	0	1	0	0	0	0	0	0	1	645
Jul-29	74.00	66.13			1.2746	0	0	1	0	0	0	0	0	1	646
Aug-29	72.50	71.75			1.3038	0	0	0	1	0	0	0	0	1	647
Sep-29	62.60	70.40			1.3011	0	0	0	0	1	0	0	0	1	648
Oct-29	51.80	62.38			1.0390	0	0	0	0	0	1	0	0	1	649
Nov-29	30.10	49.08			1.0369	0	0	0	0	0	0	1	0	1	650
Dec-29	30.10	35.53			1.0348	0	0	0	0	0	0	0	1	1	651
Jan-30	29.00	29.83			1.0326	0	0	0	0	0	0	0	0	1	652
Feb-30	35.90	31.00			1.0305	0	0	0	0	0	0	0	0	1	653
Mar-30	42.40	35.80			1.0284	0	0	0	0	0	0	0	0	1	654
Apr-30	49.10	42.45			1.0263	0	0	0	0	0	0	0	0	1	655
May-30	57.50	49.53			1.2799	1	0	0	0	0	0	0	0	1	656
Jun-30	66.50	57.65			1.2772	0	1	0	0	0	0	0	0	1	657
Jul-30	74.00	66.13			1.2746	0	0	1	0	0	0	0	0	1	658
Aug-30	72.50	71.75			1.3038	0	0	0	1	0	0	0	0	1	659
Sep-30	62.60	70.40			1.3011	0	0	0	0	1	0	0	0	1	660
Oct-30	51.80	62.38			1.0390	0	0	0	0	0	1	0	0	1	661
Nov-30	30.10	49.08			1.0369	0	0	0	0	0	0	1	0	1	662
Dec-30	30.10	35.53			1.0348	0	0	0	0	0	0	0	1	1	663
Jan-31	29.00	29.83			1.0326	0	0	0	0	0	0	0	0	1	664
Feb-31	35.90	31.00			1.0305	0	0	0	0	0	0	0	0	1	665
Mar-31	42.40	35.80			1.0284	0	0	0	0	0	0	0	0	1	666

Independent Variables for Monthly Water Demand Forecasts

	Linear Interpolation		Ann. Avg. Ada County Households	Ann. Avg. Ada Cnty. Non-Ag Employ.	Annual Average Ada Cnty. Population	Consumer Price Index (CPI-U) (1982-84 = 100)	Boise WSO Monthly Precip. (Inches)	Weighted & Lagged Monthly Precip. (Inches)
	Non-Ag Employ.	Ada Cnty. Population						
Apr-31	401,405	548,368	404,110	232,350		372.0	1.19	1.08
May-31	402,307	549,268	404,110	232,350		372.3	1.21	1.16
Jun-31	403,208	550,169	404,110	232,350		374.4	0.95	1.14
Jul-31	404,110	551,070	404,110	232,350	Forecast	373.9	0.26	0.84
Aug-31	405,040	551,988	404,110	232,350		374.8	0.40	0.47
Sep-31	405,970	552,907	404,110	232,350		376.6	0.58	0.41
Oct-31	406,900	553,825	404,110	232,350		377.2	0.75	0.58
Nov-31	407,830	554,743	404,110	232,350		377.5	1.29	0.84
Dec-31	408,760	555,662	404,110	232,350		377.5	1.34	1.17
Jan-32	409,690	556,580	415,270	237,000		375.8	1.64	1.40
Feb-32	410,620	557,498	415,270	237,000		378.0	1.07	1.42
Mar-32	411,550	558,417	415,270	237,000		381.1	1.03	1.20
Apr-32	412,480	559,335	415,270	237,000		381.3	1.19	1.08
May-32	413,410	560,253	415,270	237,000		381.6	1.21	1.16
Jun-32	414,340	561,172	415,270	237,000		383.8	0.95	1.14
Jul-32	415,270	562,090	415,270	237,000		383.2	0.26	0.84
Aug-32	416,228	563,027	415,270	237,000		384.1	0.40	0.47
Sep-32	417,187	563,963	415,270	237,000		386.0	0.58	0.41
Oct-32	418,145	564,900	415,270	237,000		386.7	0.75	0.58
Nov-32	419,103	565,837	415,270	237,000		386.9	1.29	0.84
Dec-32	420,062	566,773	415,270	237,000		386.9	1.34	1.17
Jan-33	421,020	567,710	426,770	241,740		385.2	1.64	1.40
Feb-33	421,978	568,647	426,770	241,740		387.5	1.07	1.42
Mar-33	422,937	569,583	426,770	241,740		390.7	1.03	1.20
Apr-33	423,895	570,520	426,770	241,740		390.9	1.19	1.08
May-33	424,853	571,457	426,770	241,740		391.1	1.21	1.16
Jun-33	425,812	572,393	426,770	241,740		393.4	0.95	1.14
Jul-33	426,770	573,330	426,770	241,740		392.8	0.26	0.84
Aug-33	427,758	574,285	426,770	241,740		393.7	0.40	0.47
Sep-33	428,747	575,240	426,770	241,740		395.6	0.58	0.41
Oct-33	429,735	576,195	426,770	241,740		396.3	0.75	0.58
Nov-33	430,723	577,150	426,770	241,740		396.6	1.29	0.84
Dec-33	431,712	578,105	426,770	241,740		396.6	1.34	1.17
Jan-34	432,700	579,060	438,630	246,570		394.8	1.64	1.40
Feb-34	433,688	580,015	438,630	246,570		397.1	1.07	1.42
Mar-34	434,677	580,970	438,630	246,570		400.4	1.03	1.20
Apr-34	435,665	581,925	438,630	246,570		400.7	1.19	1.08
May-34	436,653	582,880	438,630	246,570		400.9	1.21	1.16
Jun-34	437,642	583,835	438,630	246,570		403.2	0.95	1.14
Jul-34	438,630	584,790	438,630	246,570		402.6	0.26	0.84
Aug-34	439,648	585,831	438,630	246,570		403.6	0.40	0.47
Sep-34	440,667	586,872	438,630	246,570		405.5	0.58	0.41
Oct-34	441,685	587,913	438,630	246,570		406.2	0.75	0.58
Nov-34	442,703	588,953	438,630	246,570		406.5	1.29	0.84
Dec-34	443,722	589,994	438,630	246,570		406.5	1.34	1.17
Jan-35	444,740	591,035	450,850	251,840		404.7	1.64	1.40
Feb-35	445,758	592,076	450,850	251,840		407.1	1.07	1.42
Mar-35	446,777	593,117	450,850	251,840		410.4	1.03	1.20
Apr-35	447,795	594,158	450,850	251,840		410.7	1.19	1.08
May-35	448,813	595,198	450,850	251,840		410.9	1.21	1.16
Jun-35	449,832	596,239	450,850	251,840		413.3	0.95	1.14
Jul-35	450,850	597,280	450,850	251,840		412.7	0.26	0.84
Aug-35	451,901	598,343	450,850	251,840		413.7	0.40	0.47
Sep-35	452,952	599,405	450,850	251,840		415.6	0.58	0.41
Oct-35	454,003	600,468	450,850	251,840		416.4	0.75	0.58
Nov-35	455,053	601,530	450,850	251,840		416.6	1.29	0.84
Dec-35	456,104	602,593	450,850	251,840		416.6	1.34	1.17
Jan-36	457,155	603,655	463,460	257,210	Forecast	414.8	1.64	1.40
Feb-36	458,206	604,718	463,460	257,210		417.3	1.07	1.42
Mar-36	459,257	605,780	463,460	257,210		420.7	1.03	1.20
Apr-36	460,308	606,843	463,460	257,210		420.9	1.19	1.08
May-36	461,358	607,905	463,460	257,210		421.2	1.21	1.16
Jun-36	462,409	608,968	463,460	257,210		423.6	0.95	1.14

Independent Variables for Monthly Water Demand Forecasts

	Boise WSO Average Temp. (Degrees F)	Weighted & Lagged Average Temp. (Degrees F)	Nominal Bi-Mo. Meter Charge ($)	Nominal Marginal Cost of Water ($ / 100 CCF)	Real (99$) Marginal Cost of Water ('99 $ / 100 CCF)	Monthly Binary Variables									
						Bmay	Bjune	Bjul	Baug	Bsep	Boct	Bnov	Bdec	Bin1*	Trend
Apr-31	49.10	42.45			1.0263	0	0	0	0	0	0	0	0	1	667
May-31	57.50	49.53			1.2799	1	0	0	0	0	0	0	0	1	668
Jun-31	66.50	57.65			1.2772	0	1	0	0	0	0	0	0	1	669
Jul-31	74.00	66.13		Forecast	1.2746	0	0	1	0	0	0	0	0	1	670
Aug-31	72.50	71.75			1.3038	0	0	0	1	0	0	0	0	1	671
Sep-31	62.60	70.40			1.3011	0	0	0	0	1	0	0	0	1	672
Oct-31	51.80	62.38			1.0390	0	0	0	0	0	1	0	0	1	673
Nov-31	30.10	49.08			1.0369	0	0	0	0	0	0	1	0	1	674
Dec-31	30.10	35.53			1.0348	0	0	0	0	0	0	0	1	1	675
Jan-32	29.00	29.83			1.0326	0	0	0	0	0	0	0	0	1	676
Feb-32	35.90	31.00			1.0305	0	0	0	0	0	0	0	0	1	677
Mar-32	42.40	35.80			1.0284	0	0	0	0	0	0	0	0	1	678
Apr-32	49.10	42.45			1.0263	0	0	0	0	0	0	0	0	1	679
May-32	57.50	49.53			1.2799	1	0	0	0	0	0	0	0	1	680
Jun-32	66.50	57.65			1.2772	0	1	0	0	0	0	0	0	1	681
Jul-32	74.00	66.13			1.2746	0	0	1	0	0	0	0	0	1	682
Aug-32	72.50	71.75			1.3038	0	0	0	1	0	0	0	0	1	683
Sep-32	62.60	70.40			1.3011	0	0	0	0	1	0	0	0	1	684
Oct-32	51.80	62.38			1.0390	0	0	0	0	0	1	0	0	1	685
Nov-32	30.10	49.08			1.0369	0	0	0	0	0	0	1	0	1	686
Dec-32	30.10	35.53			1.0348	0	0	0	0	0	0	0	1	1	687
Jan-33	29.00	29.83			1.0326	0	0	0	0	0	0	0	0	1	688
Feb-33	35.90	31.00			1.0305	0	0	0	0	0	0	0	0	1	689
Mar-33	42.40	35.80			1.0284	0	0	0	0	0	0	0	0	1	690
Apr-33	49.10	42.45			1.0263	0	0	0	0	0	0	0	0	1	691
May-33	57.50	49.53			1.2799	1	0	0	0	0	0	0	0	1	692
Jun-33	66.50	57.65			1.2772	0	1	0	0	0	0	0	0	1	693
Jul-33	74.00	66.13			1.2746	0	0	1	0	0	0	0	0	1	694
Aug-33	72.50	71.75			1.3038	0	0	0	1	0	0	0	0	1	695
Sep-33	62.60	70.40			1.3011	0	0	0	0	1	0	0	0	1	696
Oct-33	51.80	62.38			1.0390	0	0	0	0	0	1	0	0	1	697
Nov-33	30.10	49.08			1.0369	0	0	0	0	0	0	1	0	1	698
Dec-33	30.10	35.53			1.0348	0	0	0	0	0	0	0	1	1	699
Jan-34	29.00	29.83			1.0326	0	0	0	0	0	0	0	0	1	700
Feb-34	35.90	31.00			1.0305	0	0	0	0	0	0	0	0	1	701
Mar-34	42.40	35.80			1.0284	0	0	0	0	0	0	0	0	1	702
Apr-34	49.10	42.45			1.0263	0	0	0	0	0	0	0	0	1	703
May-34	57.50	49.53			1.2799	1	0	0	0	0	0	0	0	1	704
Jun-34	66.50	57.65			1.2772	0	1	0	0	0	0	0	0	1	705
Jul-34	74.00	66.13			1.2746	0	0	1	0	0	0	0	0	1	706
Aug-34	72.50	71.75			1.3038	0	0	0	1	0	0	0	0	1	707
Sep-34	62.60	70.40			1.3011	0	0	0	0	1	0	0	0	1	708
Oct-34	51.80	62.38			1.0390	0	0	0	0	0	1	0	0	1	709
Nov-34	30.10	49.08			1.0369	0	0	0	0	0	0	1	0	1	710
Dec-34	30.10	35.53			1.0348	0	0	0	0	0	0	0	1	1	711
Jan-35	29.00	29.83			1.0326	0	0	0	0	0	0	0	0	1	712
Feb-35	35.90	31.00			1.0305	0	0	0	0	0	0	0	0	1	713
Mar-35	42.40	35.80			1.0284	0	0	0	0	0	0	0	0	1	714
Apr-35	49.10	42.45			1.0263	0	0	0	0	0	0	0	0	1	715
May-35	57.50	49.53			1.2799	1	0	0	0	0	0	0	0	1	716
Jun-35	66.50	57.65			1.2772	0	1	0	0	0	0	0	0	1	717
Jul-35	74.00	66.13			1.2746	0	0	1	0	0	0	0	0	1	718
Aug-35	72.50	71.75			1.3038	0	0	0	1	0	0	0	0	1	719
Sep-35	62.60	70.40			1.3011	0	0	0	0	1	0	0	0	1	720
Oct-35	51.80	62.38			1.0390	0	0	0	0	0	1	0	0	1	721
Nov-35	30.10	49.08			1.0369	0	0	0	0	0	0	1	0	1	722
Dec-35	30.10	35.53			1.0348	0	0	0	0	0	0	0	1	1	723
Jan-36	29.00	29.83		Forecast	1.0326	0	0	0	0	0	0	0	0	1	724
Feb-36	35.90	31.00			1.0305	0	0	0	0	0	0	0	0	1	725
Mar-36	42.40	35.80			1.0284	0	0	0	0	0	0	0	0	1	726
Apr-36	49.10	42.45			1.0263	0	0	0	0	0	0	0	0	1	727
May-36	57.50	49.53			1.2799	1	0	0	0	0	0	0	0	1	728
Jun-36	66.50	57.65			1.2772	0	1	0	0	0	0	0	0	1	729

Independent Variables for Monthly Water Demand Forecasts

	Linear Interpolation		Ann. Avg. Ada County	Ann. Avg. Ada Cnty. Non-Ag	Annual Average Ada Cnty.	Consumer Price Index (CPI-U)	Boise WSO Monthly Precip.	Weighted & Lagged Monthly Precip.
	Non-Ag Employ.	Ada Cnty. Population	Households	Employ.	Population	(1982-84 = 100)	(Inches)	(Inches)
Jul-36	463,460	610,030	463,460	257,210		423.0	0.26	0.84
Aug-36	464,543	611,116	463,460	257,210		424.0	0.40	0.47
Sep-36	465,627	612,202	463,460	257,210		426.0	0.58	0.41
Oct-36	466,710	613,288	463,460	257,210		426.8	0.75	0.58
Nov-36	467,793	614,373	463,460	257,210		427.1	1.29	0.84
Dec-36	468,877	615,459	463,460	257,210		427.1	1.34	1.17
Jan-37	469,960	616,545	476,460	262,710		425.2	1.64	1.40
Feb-37	471,043	617,631	476,460	262,710		427.7	1.07	1.42
Mar-37	472,127	618,717	476,460	262,710		431.2	1.03	1.20
Apr-37	473,210	619,803	476,460	262,710		431.5	1.19	1.08
May-37	474,293	620,888	476,460	262,710		431.7	1.21	1.16
Jun-37	475,377	621,974	476,460	262,710		434.2	0.95	1.14
Jul-37	476,460	623,060	476,460	262,710		433.6	0.26	0.84
Aug-37	477,577	624,168	476,460	262,710		434.6	0.40	0.47
Sep-37	478,693	625,277	476,460	262,710		436.7	0.58	0.41
Oct-37	479,810	626,385	476,460	262,710		437.5	0.75	0.58
Nov-37	480,927	627,493	476,460	262,710		437.7	1.29	0.84
Dec-37	482,043	628,602	476,460	262,710		437.7	1.34	1.17
Jan-38	483,160	629,710	489,860	268,320		435.8	1.64	1.40
Feb-38	484,277	630,818	489,860	268,320		438.4	1.07	1.42
Mar-38	485,393	631,927	489,860	268,320		442.0	1.03	1.20
Apr-38	486,510	633,035	489,860	268,320		442.2	1.19	1.08
May-38	487,627	634,143	489,860	268,320		442.5	1.21	1.16
Jun-38	488,743	635,252	489,860	268,320		445.1	0.95	1.14
Jul-38	489,860	636,360	489,860	268,320		444.4	0.26	0.84
Aug-38	491,012	637,492	489,860	268,320		445.5	0.40	0.47
Sep-38	492,163	638,623	489,860	268,320		447.6	0.58	0.41
Oct-38	493,315	639,755	489,860	268,320		448.4	0.75	0.58
Nov-38	494,467	640,887	489,860	268,320		448.7	1.29	0.84
Dec-38	495,618	642,018	489,860	268,320		448.7	1.34	1.17
Jan-39	496,770	643,150	503,680	274,040		446.7	1.64	1.40
Feb-39	497,922	644,282	503,680	274,040		449.3	1.07	1.42
Mar-39	499,073	645,413	503,680	274,040		453.0	1.03	1.20
Apr-39	500,225	646,545	503,680	274,040		453.3	1.19	1.08
May-39	501,377	647,677	503,680	274,040		453.6	1.21	1.16
Jun-39	502,528	648,808	503,680	274,040		456.2	0.95	1.14
Jul-39	503,680	649,940	503,680	274,040		455.5	0.26	0.84
Aug-39	504,868	651,097	503,680	274,040		456.6	0.40	0.47
Sep-39	506,057	652,253	503,680	274,040		458.8	0.58	0.41
Oct-39	507,245	653,410	503,680	274,040		459.6	0.75	0.58
Nov-39	508,433	654,567	503,680	274,040		459.9	1.29	0.84
Dec-39	509,622	655,723	503,680	274,040		459.9	1.34	1.17
Jan-40	510,810	656,880	517,940	279,890		457.9	1.64	1.40
Feb-40	511,998	658,037	517,940	279,890		460.6	1.07	1.42
Mar-40	513,187	659,193	517,940	279,890		464.4	1.03	1.20
Apr-40	514,375	660,350	517,940	279,890		464.6	1.19	1.08
May-40	515,563	661,507	517,940	279,890		464.9	1.21	1.16
Jun-40	516,752	662,663	517,940	279,890		467.6	0.95	1.14
Jul-40	517,940	663,820	517,940	279,890	Forecast	466.9	0.26	0.84
Aug-40	519,165	664,927	517,940	279,890		468.0	0.40	0.47
Sep-40	520,390	666,033	517,940	279,890		470.3	0.58	0.41
Oct-40	521,615	667,140	517,940	279,890		471.1	0.75	0.58
Nov-40	522,840	668,247	517,940	279,890		471.4	1.29	0.84
Dec-40	524,065	669,353	517,940	279,890		471.4	1.34	1.17
Jan-41	525,290	670,460	532,640	285,490		469.3	1.64	1.40
Feb-41	526,515	671,567	532,640	285,490		472.1	1.07	1.42
Mar-41	527,740	672,673	532,640	285,490		476.0	1.03	1.20
Apr-41	528,965	673,780	532,640	285,490		476.3	1.19	1.08
May-41	530,190	674,887	532,640	285,490		476.5	1.21	1.16
Jun-41	531,415	675,993	532,640	285,490		479.3	0.95	1.14
Jul-41	532,640	677,100	532,640	285,490		478.6	0.26	0.84
Aug-41	533,904	678,228	532,640	285,490		479.7	0.40	0.47
Sep-41	535,168	679,357	532,640	285,490		482.0	0.58	0.41

Independent Variables for Monthly Water Demand Forecasts

	Boise WSO Average Temp. (Degrees F)	Weighted & Lagged Average Temp. (Degrees F)	Nominal Bi-Mo. Meter Charge ($)	Nominal Marginal Cost of Water ($ / 100 CCF)	Real (99$) Marginal Cost of Water (99 $ / 100 CCF)	Monthly Binary Variables									
						Bmay	Bjune	Bjul	Baug	Bsep	Boct	Bnov	Bdec	Bin1*	Trend
Jul-36	74.00	66.13			1.2746	0	0	1	0	0	0	0	0	1	730
Aug-36	72.50	71.75			1.3038	0	0	0	1	0	0	0	0	1	731
Sep-36	62.60	70.40			1.3011	0	0	0	0	1	0	0	0	1	732
Oct-36	51.80	62.38			1.0390	0	0	0	0	0	1	0	0	1	733
Nov-36	30.10	49.08			1.0369	0	0	0	0	0	0	1	0	1	734
Dec-36	30.10	35.53			1.0348	0	0	0	0	0	0	0	1	1	735
Jan-37	29.00	29.83			1.0326	0	0	0	0	0	0	0	0	1	736
Feb-37	35.90	31.00			1.0305	0	0	0	0	0	0	0	0	1	737
Mar-37	42.40	35.80			1.0284	0	0	0	0	0	0	0	0	1	738
Apr-37	49.10	42.45			1.0263	0	0	0	0	0	0	0	0	1	739
May-37	57.50	49.53			1.2799	1	0	0	0	0	0	0	0	1	740
Jun-37	66.50	57.65			1.2772	0	1	0	0	0	0	0	0	1	741
Jul-37	74.00	66.13			1.2746	0	0	1	0	0	0	0	0	1	742
Aug-37	72.50	71.75			1.3038	0	0	0	1	0	0	0	0	1	743
Sep-37	62.60	70.40			1.3011	0	0	0	0	1	0	0	0	1	744
Oct-37	51.80	62.38			1.0390	0	0	0	0	0	1	0	0	1	745
Nov-37	30.10	49.08			1.0369	0	0	0	0	0	0	1	0	1	746
Dec-37	30.10	35.53			1.0348	0	0	0	0	0	0	0	1	1	747
Jan-38	29.00	29.83			1.0326	0	0	0	0	0	0	0	0	1	748
Feb-38	35.90	31.00			1.0305	0	0	0	0	0	0	0	0	1	749
Mar-38	42.40	35.80			1.0284	0	0	0	0	0	0	0	0	1	750
Apr-38	49.10	42.45			1.0263	0	0	0	0	0	0	0	0	1	751
May-38	57.50	49.53			1.2799	1	0	0	0	0	0	0	0	1	752
Jun-38	66.50	57.65			1.2772	0	1	0	0	0	0	0	0	1	753
Jul-38	74.00	66.13			1.2746	0	0	1	0	0	0	0	0	1	754
Aug-38	72.50	71.75			1.3038	0	0	0	1	0	0	0	0	1	755
Sep-38	62.60	70.40			1.3011	0	0	0	0	1	0	0	0	1	756
Oct-38	51.80	62.38			1.0390	0	0	0	0	0	1	0	0	1	757
Nov-38	30.10	49.08			1.0369	0	0	0	0	0	0	1	0	1	758
Dec-38	30.10	35.53			1.0348	0	0	0	0	0	0	0	1	1	759
Jan-39	29.00	29.83			1.0326	0	0	0	0	0	0	0	0	1	760
Feb-39	35.90	31.00			1.0305	0	0	0	0	0	0	0	0	1	761
Mar-39	42.40	35.80			1.0284	0	0	0	0	0	0	0	0	1	762
Apr-39	49.10	42.45			1.0263	0	0	0	0	0	0	0	0	1	763
May-39	57.50	49.53			1.2799	1	0	0	0	0	0	0	0	1	764
Jun-39	66.50	57.65			1.2772	0	1	0	0	0	0	0	0	1	765
Jul-39	74.00	66.13			1.2746	0	0	1	0	0	0	0	0	1	766
Aug-39	72.50	71.75			1.3038	0	0	0	1	0	0	0	0	1	767
Sep-39	62.60	70.40			1.3011	0	0	0	0	1	0	0	0	1	768
Oct-39	51.80	62.38			1.0390	0	0	0	0	0	1	0	0	1	769
Nov-39	30.10	49.08			1.0369	0	0	0	0	0	0	1	0	1	770
Dec-39	30.10	35.53			1.0348	0	0	0	0	0	0	0	1	1	771
Jan-40	29.00	29.83			1.0326	0	0	0	0	0	0	0	0	1	772
Feb-40	35.90	31.00			1.0305	0	0	0	0	0	0	0	0	1	773
Mar-40	42.40	35.80			1.0284	0	0	0	0	0	0	0	0	1	774
Apr-40	49.10	42.45			1.0263	0	0	0	0	0	0	0	0	1	775
May-40	57.50	49.53			1.2799	1	0	0	0	0	0	0	0	1	776
Jun-40	66.50	57.65			1.2772	0	1	0	0	0	0	0	0	1	777
Jul-40	74.00	66.13		Forecast	1.2746	0	0	1	0	0	0	0	0	1	778
Aug-40	72.50	71.75			1.3038	0	0	0	1	0	0	0	0	1	779
Sep-40	62.60	70.40			1.3011	0	0	0	0	1	0	0	0	1	780
Oct-40	51.80	62.38			1.0390	0	0	0	0	0	1	0	0	1	781
Nov-40	30.10	49.08			1.0369	0	0	0	0	0	0	1	0	1	782
Dec-40	30.10	35.53			1.0348	0	0	0	0	0	0	0	1	1	783
Jan-41	29.00	29.83			1.0326	0	0	0	0	0	0	0	0	1	784
Feb-41	35.90	31.00			1.0305	0	0	0	0	0	0	0	0	1	785
Mar-41	42.40	35.80			1.0284	0	0	0	0	0	0	0	0	1	786
Apr-41	49.10	42.45			1.0263	0	0	0	0	0	0	0	0	1	787
May-41	57.50	49.53			1.2799	1	0	0	0	0	0	0	0	1	788
Jun-41	66.50	57.65			1.2772	0	1	0	0	0	0	0	0	1	789
Jul-41	74.00	66.13			1.2746	0	0	1	0	0	0	0	0	1	790
Aug-41	72.50	71.75			1.3038	0	0	0	1	0	0	0	0	1	791
Sep-41	62.60	70.40			1.3011	0	0	0	0	1	0	0	0	1	792

Independent Variables for Monthly Water Demand Forecasts

	Linear Interpolation		Ann. Avg. Ada County	Ann. Avg. Ada Cnty. Non-Ag	Annual Average Ada Cnty.	Consumer Price Index (CPI-U)	Boise WSO Monthly Precip.	Weighted & Lagged Monthly Precip.
	Non-Ag Employ.	Ada Cnty. Population	Households	Employ.	Population	(1982-84 = 100)	(Inches)	(Inches)
Oct-41	536,433	680,485	532,640	285,490		482.9	0.75	0.58
Nov-41	537,697	681,613	532,640	285,490		483.2	1.29	0.84
Dec-41	538,961	682,742	532,640	285,490		483.2	1.34	1.17
Jan-42	540,225	683,870	547,810	291,200		481.0	1.64	1.40
Feb-42	541,489	684,998	547,810	291,200		483.9	1.07	1.42
Mar-42	542,753	686,127	547,810	291,200		487.9	1.03	1.20
Apr-42	544,018	687,255	547,810	291,200		488.2	1.19	1.08
May-42	545,282	688,383	547,810	291,200		488.4	1.21	1.16
Jun-42	546,546	689,512	547,810	291,200		491.3	0.95	1.14
Jul-42	547,810	690,640	547,810	291,200		490.5	0.26	0.84
Aug-42	549,113	691,791	547,810	291,200		491.7	0.40	0.47
Sep-42	550,417	692,942	547,810	291,200		494.1	0.58	0.41
Oct-42	551,720	694,093	547,810	291,200		495.0	0.75	0.58
Nov-42	553,023	695,243	547,810	291,200		495.2	1.29	0.84
Dec-42	554,327	696,394	547,810	291,200		495.2	1.34	1.17
Jan-43	555,630	697,545	563,450	297,030		493.1	1.64	1.40
Feb-43	556,933	698,696	563,450	297,030		496.0	1.07	1.42
Mar-43	558,237	699,847	563,450	297,030		500.1	1.03	1.20
Apr-43	559,540	700,998	563,450	297,030		500.4	1.19	1.08
May-43	560,843	702,148	563,450	297,030		500.7	1.21	1.16
Jun-43	562,147	703,299	563,450	297,030		503.6	0.95	1.14
Jul-43	563,450	704,450	563,450	297,030		502.8	0.26	0.84
Aug-43	564,795	705,624	563,450	297,030		504.0	0.40	0.47
Sep-43	566,140	706,798	563,450	297,030		506.4	0.58	0.41
Oct-43	567,485	707,973	563,450	297,030		507.3	0.75	0.58
Nov-43	568,830	709,147	563,450	297,030		507.6	1.29	0.84
Dec-43	570,175	710,321	563,450	297,030		507.6	1.34	1.17
Jan-44	571,520	711,495	579,590	302,970		505.4	1.64	1.40
Feb-44	572,865	712,669	579,590	302,970		508.4	1.07	1.42
Mar-44	574,210	713,843	579,590	302,970		512.6	1.03	1.20
Apr-44	575,555	715,018	579,590	302,970		512.9	1.19	1.08
May-44	576,900	716,192	579,590	302,970		513.2	1.21	1.16
Jun-44	578,245	717,366	579,590	302,970		516.2	0.95	1.14
Jul-44	579,590	718,540	579,590	302,970		515.4	0.26	0.84
Aug-44	580,978	719,798	579,590	302,970		516.6	0.40	0.47
Sep-44	582,365	721,055	579,590	302,970		519.1	0.58	0.41
Oct-44	583,753	722,313	579,590	302,970		520.0	0.75	0.58
Nov-44	585,140	723,570	579,590	302,970		520.3	1.29	0.84
Dec-44	586,528	724,828	579,590	302,970	Forecast	520.3	1.34	1.17
Jan-45	587,915	726,085	596,240	309,330		518.0	1.64	1.40
Feb-45	589,303	727,343	596,240	309,330		521.1	1.07	1.42
Mar-45	590,690	728,600	596,240	309,330		525.4	1.03	1.20
Apr-45	592,078	729,858	596,240	309,330		525.7	1.19	1.08
May-45	593,465	731,115	596,240	309,330		526.0	1.21	1.16
Jun-45	594,853	732,373	596,240	309,330		529.1	0.95	1.14
Jul-45	596,240	733,630	596,240	309,330		528.3	0.26	0.84
Aug-45	597,672	734,914	596,240	309,330		529.5	0.40	0.47
Sep-45	599,103	736,198	596,240	309,330		532.1	0.58	0.41
Oct-45	600,535	737,483	596,240	309,330		533.0	0.75	0.58
Nov-45	601,967	738,767	596,240	309,330		533.3	1.29	0.84
Dec-45	603,398	740,051	596,240	309,330		533.3	1.34	1.17
Jan-46	604,830	741,335	613,420	315,830		531.0	1.64	1.40
Feb-46	606,262	742,619	613,420	315,830		534.1	1.07	1.42
Mar-46	607,693	743,903	613,420	315,830		538.5	1.03	1.20
Apr-46	609,125	745,188	613,420	315,830		538.8	1.19	1.08
May-46	610,557	746,472	613,420	315,830		539.2	1.21	1.16
Jun-46	611,988	747,756	613,420	315,830		542.3	0.95	1.14
Jul-46	613,420	749,040	613,420	315,830		541.5	0.26	0.84
Aug-46	614,897	750,351	613,420	315,830		542.8	0.40	0.47
Sep-46	616,373	751,662	613,420	315,830		545.4	0.58	0.41
Oct-46	617,850	752,973	613,420	315,830		546.3	0.75	0.58
Nov-46	619,327	754,283	613,420	315,830		546.7	1.29	0.84
Dec-46	620,803	755,594	613,420	315,830		546.7	1.34	1.17

Independent Variables for Monthly Water Demand Forecasts

	Boise WSO Average Temp. (Degrees F)	Weighted & Lagged Average Temp. (Degrees F)	Nominal Bi-Mo. Meter Charge ($)	Nominal Marginal Cost of Water ($ / 100 CCF)	Real (99$) Marginal Cost of Water (99 $ / 100 CCF)	Monthly Binary Variables									
						Bmay	Bjune	Bjul	Baug	Bsep	Boct	Bnov	Bdec	Bin1*	Trend
Oct-41	51.80	62.38			1.0390	0	0	0	0	0	1	0	0	1	793
Nov-41	30.10	49.08			1.0369	0	0	0	0	0	0	1	0	1	794
Dec-41	30.10	35.53			1.0348	0	0	0	0	0	0	0	1	1	795
Jan-42	29.00	29.83			1.0326	0	0	0	0	0	0	0	0	1	796
Feb-42	35.90	31.00			1.0305	0	0	0	0	0	0	0	0	1	797
Mar-42	42.40	35.80			1.0284	0	0	0	0	0	0	0	0	1	798
Apr-42	49.10	42.45			1.0263	0	0	0	0	0	0	0	0	1	799
May-42	57.50	49.53			1.2799	1	0	0	0	0	0	0	0	1	800
Jun-42	66.50	57.65			1.2772	0	1	0	0	0	0	0	0	1	801
Jul-42	74.00	66.13			1.2746	0	0	1	0	0	0	0	0	1	802
Aug-42	72.50	71.75			1.3038	0	0	0	1	0	0	0	0	1	803
Sep-42	62.60	70.40			1.3011	0	0	0	0	1	0	0	0	1	804
Oct-42	51.80	62.38			1.0390	0	0	0	0	0	1	0	0	1	805
Nov-42	30.10	49.08			1.0369	0	0	0	0	0	0	1	0	1	806
Dec-42	30.10	35.53			1.0348	0	0	0	0	0	0	0	1	1	807
Jan-43	29.00	29.83			1.0326	0	0	0	0	0	0	0	0	1	808
Feb-43	35.90	31.00			1.0305	0	0	0	0	0	0	0	0	1	809
Mar-43	42.40	35.80			1.0284	0	0	0	0	0	0	0	0	1	810
Apr-43	49.10	42.45			1.0263	0	0	0	0	0	0	0	0	1	811
May-43	57.50	49.53			1.2799	1	0	0	0	0	0	0	0	1	812
Jun-43	66.50	57.65			1.2772	0	1	0	0	0	0	0	0	1	813
Jul-43	74.00	66.13			1.2746	0	0	1	0	0	0	0	0	1	814
Aug-43	72.50	71.75			1.3038	0	0	0	1	0	0	0	0	1	815
Sep-43	62.60	70.40			1.3011	0	0	0	0	1	0	0	0	1	816
Oct-43	51.80	62.38			1.0390	0	0	0	0	0	1	0	0	1	817
Nov-43	30.10	49.08			1.0369	0	0	0	0	0	0	1	0	1	818
Dec-43	30.10	35.53			1.0348	0	0	0	0	0	0	0	1	1	819
Jan-44	29.00	29.83			1.0326	0	0	0	0	0	0	0	0	1	820
Feb-44	35.90	31.00			1.0305	0	0	0	0	0	0	0	0	1	821
Mar-44	42.40	35.80			1.0284	0	0	0	0	0	0	0	0	1	822
Apr-44	49.10	42.45			1.0263	0	0	0	0	0	0	0	0	1	823
May-44	57.50	49.53			1.2799	1	0	0	0	0	0	0	0	1	824
Jun-44	66.50	57.65			1.2772	0	1	0	0	0	0	0	0	1	825
Jul-44	74.00	66.13			1.2746	0	0	1	0	0	0	0	0	1	826
Aug-44	72.50	71.75			1.3038	0	0	0	1	0	0	0	0	1	827
Sep-44	62.60	70.40			1.3011	0	0	0	0	1	0	0	0	1	828
Oct-44	51.80	62.38			1.0390	0	0	0	0	0	1	0	0	1	829
Nov-44	30.10	49.08		Forecast	1.0369	0	0	0	0	0	0	1	0	1	830
Dec-44	30.10	35.53			1.0348	0	0	0	0	0	0	0	1	1	831
Jan-45	29.00	29.83			1.0326	0	0	0	0	0	0	0	0	1	832
Feb-45	35.90	31.00			1.0305	0	0	0	0	0	0	0	0	1	833
Mar-45	42.40	35.80			1.0284	0	0	0	0	0	0	0	0	1	834
Apr-45	49.10	42.45			1.0263	0	0	0	0	0	0	0	0	1	835
May-45	57.50	49.53			1.2799	1	0	0	0	0	0	0	0	1	836
Jun-45	66.50	57.65			1.2772	0	1	0	0	0	0	0	0	1	837
Jul-45	74.00	66.13			1.2746	0	0	1	0	0	0	0	0	1	838
Aug-45	72.50	71.75			1.3038	0	0	0	1	0	0	0	0	1	839
Sep-45	62.60	70.40			1.3011	0	0	0	0	1	0	0	0	1	840
Oct-45	51.80	62.38			1.0390	0	0	0	0	0	1	0	0	1	841
Nov-45	30.10	49.08			1.0369	0	0	0	0	0	0	1	0	1	842
Dec-45	30.10	35.53			1.0348	0	0	0	0	0	0	0	1	1	843
Jan-46	29.00	29.83			1.0326	0	0	0	0	0	0	0	0	1	844
Feb-46	35.90	31.00			1.0305	0	0	0	0	0	0	0	0	1	845
Mar-46	42.40	35.80			1.0284	0	0	0	0	0	0	0	0	1	846
Apr-46	49.10	42.45			1.0263	0	0	0	0	0	0	0	0	1	847
May-46	57.50	49.53			1.2799	1	0	0	0	0	0	0	0	1	848
Jun-46	66.50	57.65			1.2772	0	1	0	0	0	0	0	0	1	849
Jul-46	74.00	66.13			1.2746	0	0	1	0	0	0	0	0	1	850
Aug-46	72.50	71.75			1.3038	0	0	0	1	0	0	0	0	1	851
Sep-46	62.60	70.40			1.3011	0	0	0	0	1	0	0	0	1	852
Oct-46	51.80	62.38			1.0390	0	0	0	0	0	1	0	0	1	853
Nov-46	30.10	49.08			1.0369	0	0	0	0	0	0	1	0	1	854
Dec-46	30.10	35.53			1.0348	0	0	0	0	0	0	0	1	1	855

Independent Variables for Monthly Water Demand Forecasts

	Linear Interpolation		Ann. Avg. Ada County Households	Ann. Avg. Ada Cnty. Non-Ag Employ.	Annual Average Ada Cnty. Population	Consumer Price Index (CPI-U)	Boise WSO Monthly Precip.	Weighted & Lagged Monthly Precip.
	Non-Ag Employ.	Ada Cnty. Population				(1982-84 = 100)	(Inches)	(Inches)
Jan-47	622,280	756,905	631,140	322,460		544.2	1.64	1.40
Feb-47	623,757	758,216	631,140	322,460		547.5	1.07	1.42
Mar-47	625,233	759,527	631,140	322,460		552.0	1.03	1.20
Apr-47	626,710	760,838	631,140	322,460		552.3	1.19	1.08
May-47	628,187	762,148	631,140	322,460		552.6	1.21	1.16
Jun-47	629,663	763,459	631,140	322,460		555.9	0.95	1.14
Jul-47	631,140	764,770	631,140	322,460		555.0	0.26	0.84
Aug-47	632,664	766,108	631,140	322,460		556.3	0.40	0.47
Sep-47	634,188	767,447	631,140	322,460		559.0	0.58	0.41
Oct-47	635,713	768,785	631,140	322,460		560.0	0.75	0.58
Nov-47	637,237	770,123	631,140	322,460		560.3	1.29	0.84
Dec-47	638,761	771,462	631,140	322,460		560.3	1.34	1.17
Jan-48	640,285	772,800	649,430	329,230		557.8	1.64	1.40
Feb-48	641,809	774,138	649,430	329,230		561.2	1.07	1.42
Mar-48	643,333	775,477	649,430	329,230		565.8	1.03	1.20
Apr-48	644,858	776,815	649,430	329,230		566.1	1.19	1.08
May-48	646,382	778,153	649,430	329,230		566.4	1.21	1.16
Jun-48	647,906	779,492	649,430	329,230		569.8	0.95	1.14
Jul-48	649,430	780,830	649,430	329,230		568.9	0.26	0.84
Aug-48	651,002	782,196	649,430	329,230		570.2	0.40	0.47
Sep-48	652,573	783,562	649,430	329,230		573.0	0.58	0.41
Oct-48	654,145	784,928	649,430	329,230		574.0	0.75	0.58
Nov-48	655,717	786,293	649,430	329,230		574.3	1.29	0.84
Dec-48	657,288	787,659	649,430	329,230		574.3	1.34	1.17
Jan-49	658,860	789,025	668,290	336,140		571.8	1.64	1.40
Feb-49	660,432	790,391	668,290	336,140		575.2	1.07	1.42
Mar-49	662,003	791,757	668,290	336,140		579.9	1.03	1.20
Apr-49	663,575	793,123	668,290	336,140	Forecast	580.3	1.19	1.08
May-49	665,147	794,488	668,290	336,140		580.6	1.21	1.16
Jun-49	666,718	795,854	668,290	336,140		584.0	0.95	1.14
Jul-49	668,290	797,220	668,290	336,140		583.1	0.26	0.84
Aug-49	669,913	798,616	668,290	336,140		584.5	0.40	0.47
Sep-49	671,537	800,012	668,290	336,140		587.3	0.58	0.41
Oct-49	673,160	801,408	668,290	336,140		588.3	0.75	0.58
Nov-49	674,783	802,803	668,290	336,140		588.7	1.29	0.84
Dec-49	676,407	804,199	668,290	336,140		588.7	1.34	1.17
Jan-50	678,030	805,595	687,770	343,200		586.1	1.64	1.40
Feb-50	679,653	806,991	687,770	343,200		589.6	1.07	1.42
Mar-50	681,277	808,387	687,770	343,200		594.4	1.03	1.20
Apr-50	682,900	809,783	687,770	343,200		594.8	1.19	1.08
May-50	684,523	811,178	687,770	343,200		595.1	1.21	1.16
Jun-50	686,147	812,574	687,770	343,200		598.6	0.95	1.14
Jul-50	687,770	813,970	687,770	343,200		597.7	0.26	0.84
Aug-50	689,393	815,366	687,770	343,200		599.1	0.40	0.47
Sep-50	691,016	816,762	687,770	343,200		602.0	0.58	0.41
Oct-50	692,639	818,158	687,770	343,200		603.1	0.75	0.58
Nov-50	694,262	819,554	687,770	343,200		603.4	1.29	0.84
Dec-50	695,885	820,950	687,770	343,200		603.4	1.34	1.17

Independent Variables for Monthly Water Demand Forecasts

	Boise WSO Average Temp. (Degrees F)	Weighted & Lagged Average Temp. (Degrees F)	Nominal Bi-Mo. Meter Charge ($)	Nominal Marginal Cost of Water ($ / 100 CCF)	Real (99$) Marginal Cost of Water (99 $ / 100 CCF)	Monthly Binary Variables									
						Bmay	Bjune	Bjul	Baug	Bsep	Boct	Bnov	Bdec	Bin1*	Trend
Jan-47	29.00	29.83			1.0326	0	0	0	0	0	0	0	0	1	856
Feb-47	35.90	31.00			1.0305	0	0	0	0	0	0	0	0	1	857
Mar-47	42.40	35.80			1.0284	0	0	0	0	0	0	0	0	1	858
Apr-47	49.10	42.45			1.0263	0	0	0	0	0	0	0	0	1	859
May-47	57.50	49.53			1.2799	1	0	0	0	0	0	0	0	1	860
Jun-47	66.50	57.65			1.2772	0	1	0	0	0	0	0	0	1	861
Jul-47	74.00	66.13			1.2746	0	0	1	0	0	0	0	0	1	862
Aug-47	72.50	71.75			1.3038	0	0	0	1	0	0	0	0	1	863
Sep-47	62.60	70.40			1.3011	0	0	0	0	1	0	0	0	1	864
Oct-47	51.80	62.38			1.0390	0	0	0	0	0	1	0	0	1	865
Nov-47	30.10	49.08			1.0369	0	0	0	0	0	0	1	0	1	866
Dec-47	30.10	35.53			1.0348	0	0	0	0	0	0	0	1	1	867
Jan-48	29.00	29.83			1.0326	0	0	0	0	0	0	0	0	1	868
Feb-48	35.90	31.00			1.0305	0	0	0	0	0	0	0	0	1	869
Mar-48	42.40	35.80			1.0284	0	0	0	0	0	0	0	0	1	870
Apr-48	49.10	42.45			1.0263	0	0	0	0	0	0	0	0	1	871
May-48	57.50	49.53			1.2799	1	0	0	0	0	0	0	0	1	872
Jun-48	66.50	57.65			1.2772	0	1	0	0	0	0	0	0	1	873
Jul-48	74.00	66.13			1.2746	0	0	1	0	0	0	0	0	1	874
Aug-48	72.50	71.75			1.3038	0	0	0	1	0	0	0	0	1	875
Sep-48	62.60	70.40			1.3011	0	0	0	0	1	0	0	0	1	876
Oct-48	51.80	62.38			1.0390	0	0	0	0	0	1	0	0	1	877
Nov-48	30.10	49.08			1.0369	0	0	0	0	0	0	1	0	1	878
Dec-48	30.10	35.53			1.0348	0	0	0	0	0	0	0	1	1	879
Jan-49	29.00	29.83			1.0326	0	0	0	0	0	0	0	0	1	880
Feb-49	35.90	31.00			1.0305	0	0	0	0	0	0	0	0	1	881
Mar-49	42.40	35.80			1.0284	0	0	0	0	0	0	0	0	1	882
Apr-49	49.10	42.45		Forecast	1.0263	0	0	0	0	0	0	0	0	1	883
May-49	57.50	49.53			1.2799	1	0	0	0	0	0	0	0	1	884
Jun-49	66.50	57.65			1.2772	0	1	0	0	0	0	0	0	1	885
Jul-49	74.00	66.13			1.2746	0	0	1	0	0	0	0	0	1	886
Aug-49	72.50	71.75			1.3038	0	0	0	1	0	0	0	0	1	887
Sep-49	62.60	70.40			1.3011	0	0	0	0	1	0	0	0	1	888
Oct-49	51.80	62.38			1.0390	0	0	0	0	0	1	0	0	1	889
Nov-49	30.10	49.08			1.0369	0	0	0	0	0	0	1	0	1	890
Dec-49	30.10	35.53			1.0348	0	0	0	0	0	0	0	1	1	891
Jan-50	29.00	29.83			1.0326	0	0	0	0	0	0	0	0	1	892
Feb-50	35.90	31.00			1.0305	0	0	0	0	0	0	0	0	1	893
Mar-50	42.40	35.80			1.0284	0	0	0	0	0	0	0	0	1	894
Apr-50	49.10	42.45			1.0263	0	0	0	0	0	0	0	0	1	895
May-50	57.50	49.53			1.2799	1	0	0	0	0	0	0	0	1	896
Jun-50	66.50	57.65			1.2772	0	1	0	0	0	0	0	0	1	897
Jul-50	74.00	66.13			1.2746	0	0	1	0	0	0	0	0	1	898
Aug-50	72.50	71.75			1.3038	0	0	0	1	0	0	0	0	1	899
Sep-50	62.60	70.40			1.3011	0	0	0	0	1	0	0	0	1	900
Oct-50	51.80	62.38			1.0390	0	0	0	0	0	1	0	0	1	901
Nov-50	30.10	49.08			1.0369	0	0	0	0	0	0	1	0	1	902
Dec-50	30.10	35.53			1.0348	0	0	0	0	0	0	0	1	1	903

United Water Idaho

Appendix A
to

Integrated Municipal Application Package ("IMAP")

Historic Water Use, Customer, Sales and Price Data Used in the Forecast of Future Water Demands

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United Water Idaho Peak Day Water Production as a Function of Annual Peak Month Water Production

Year	Annual Water Production (1,000 Gallons)	Peak Day Water Production (Gallons)	Peak Month Water Production (1,000 Gallons)	Peak Day Production as a Percent of Peak Month Production (%)	Number of Customers	Summer Month Precipitation (Inches)	Summer Month Average Temperature (Degrees F)	Water Price per 100 CF ('82-'84 $) *
1984	8,997,121,000	64,870,000			39,246	4.69	65.26	0.49
1985	9,715,048,000	67,100,000			39,824	4.59	65.76	0.47
1986	10,314,459,000	63,340,000			40,623	4.62	66.80	0.49
1987	11,255,278,000	63,546,000			41,431	2.08	67.84	0.48
1988	11,426,871,000	64,750,000	1,789,568	3.62%	42,329	2.15	67.30	0.46
1989	11,646,824,000	66,020,000	1,728,131	3.82%	43,405	2.30	67.02	0.44
1990	12,070,730,000	71,900,000	1,827,388	3.93%	45,652	5.49	68.54	0.42
1991	12,371,027,000	70,500,000	1,931,312	3.65%	47,198	2.83	67.12	0.47
1992	12,903,373,000	70,400,000	1,781,547	3.95%	48,843	2.40	68.56	0.45
1993	11,699,174,000	67,500,000	1,723,243	3.92%	50,622	3.78	64.32	0.44
1994	13,761,725,000	76,000,000	2,102,240	3.62%	52,546	1.45	69.76	0.62
1995	12,731,463,000	74,500,000	1,867,661	3.99%	53,712	4.11	66.22	0.66
1996	13,532,432,000	76,900,000	2,191,706	3.51%	55,188	2.46	67.10	0.64
1997	13,839,785,000	75,900,000	1,777,294	4.27%	56,859	3.88	69.00	0.65
1998	12,819,025,000	81,924,000	2,249,814	3.64%	58,324	8.06	69.08	0.67
1999	15,756,279,000	91,500,000	2,428,782	3.77%	65,031	1.86	67.00	0.68
1988 - 1999 Avg. Peak Day/Peak Month Water Production...				**3.82%**				
Standard Deviation.....				0.22%				

Precipitation = Summer month (May - Sept.) precipitation
Average Temperature = Summer month (May - Sept.) average temperature.
Water Price = Summer month (May - Sept.) price of water per 100 CF divided by Consumer Price Index - All Urban Consumer (CPI-U)

Methodology for Estimating Peak Day Water Production:

Forecasted Peak Month Water Production (1,000 Gallons) **x 0.0382 = Peak Day Water Production** (Gallons x 1,000)

Peak Day Water Production (1,000 Gallons) **x 1,000 x 24 x 60 x 60 x 0.13368 = Peak Day Water Production** (CFS)

United Water Idaho
Identification of
Annual Peak Day Water Production
1982 to 1999

DATE OF MAX DAY ↓

	SYSTEM-WIDE HISTORIC PRODUCTION TOTALS UWID PRODUCTION FIGURES			
	Year	Total Annual Production (gallons/year)	Peak Day Production (gallons/day)	% of Annual
"July"	1978	7,563,372,000	52,100,000	0.6889%
"July"	1979	8,764,430,000	58,600,000	0.6686%
"July"	1980	8,100,935,000	59,200,000	0.7308%
"Avg"	1981	8,864,110,000	62,200,000	0.7017%
7-20	1982	8,522,210,000	56,400,000	0.6618%
8-4	1983	8,692,560,000	61,400,000	0.7063%
7-16	1984	8,997,121,000	64,870,000	0.7210%
7-15	1985	9,715,048,000	67,100,000	0.6907%
7-2	1986	10,314,459,000	63,340,000	0.6140%
6-30	1987	11,255,278,000	63,546,000	0.5646%
7-25	1988	11,426,871,000	64,750,000	0.5666%
7-26	1989	11,646,824,000	66,020,000	0.5668%
8-9	1990	12,070,730,000	71,900,000	0.5956%
7-22	1991	12,371,027,000	70,500,000	0.5699%
8-2	1992	12,903,373,000	70,400,000	0.5456%
8-6	1993	11,699,174,000	67,500,000	0.5770%
7-28	1994	13,761,725,000	76,000,000	0.5523%
8-5	1995	12,731,463,000	74,500,000	0.5852%
7-27	1996	13,532,432,000	76,900,000	0.5683%
7-25	1997	13,839,785,000	75,900,000	0.5484%
7-18	1998	12,819,025,000	81,924,000	0.6393%
7-28	1999	15,756,279,000	91,500,000	0.5807%
	1999 Total Annual Production =15,756,279,000 gallons =21,063,082 ccf = 48,354 acre-feet			

United Water

COMPANY:	United Water Idaho
SYSTEM:	Boise

UNACCOUNTED-FOR-WATER REPORT

MONTHLY		MONTH 1/99	MONTH 2/99	MONTH 3/99	MONTH 4/99	MONTH 5/99	MONTH 6/99	MONTH 7/99	MONTH 8/99	MONTH 9/99	MONTH 10/99	MONTH 11/99	MONTH 12/99	THREE MO. AGO 9/99	SIX MO. AGO 6/99	NINE MO. AGO 3/99	TWELVE MO. AGO 12/98	9/97	6/97	3/97	12/96
Raw Water Withdrawn from Own Sources	(MG)	591.900	524.500	613.700	921.586	1525.386	2049.151	2665.581	2334.538	1821.486	1235.905	662.948	647.800	1652.780	2257.382	662.767	647.800	2042.23	1478.89	530.77	586.17
Plant Use Before Delivery	(MG)	3.800	6.430	11.700	11.000	9.280	10.300	31.920	28.620	24.890	13.430	7.500	11.200	19.460	25.090	9.820	11.200	8.60	10.70	3.70	4.45
Net Delivery from Own Sources	(MG)	588.100	518.070	602.000	910.586	1516.106	2038.851	2633.661	2305.918	1796.596	1222.475	655.448	636.600	1633.320	2232.292	652.947	636.600	2033.63	1468.19	527.07	581.72
Purchased Water	(MG)	0.000	0.000	0.000	0.000	10.466	36.373	51.010	23.301	7.435	4.556	0.000	0.000	0.000	23.852	0.000	0.000	63.93	37.31	0.00	0.00
TOTAL WATER DELIVERED TO SYSTEM	(MG)	588.100	518.070	602.000	910.586	1526.572	2075.224	2684.671	2329.219	1804.031	1227.031	655.448	636.600	1633.320	2256.144	652.947	636.600	2097.55	1505.50	527.07	581.72
Other Company Use from System	(MG)	1.005	0.918	1.013	3.223	37.308	2.974	2.053	0.838	1.323	1.042	2.279	0.599	1.726	0.911	1.250	0.599	1.01	1.63	0.48	1.12
Authorized Non-Company Use from System	(MG)	0.642	0.313	0.451	1.148	1.783	2.245	24.710	6.145	4.422	7.743	7.822	2.638	3.583	3.417	1.586	2.638	4.03	4.23	0.05	4.09
Total Water Sold	(MG)	626.399	611.462	515.773	553.575	525.867	1584.185	1754.400	2611.953	2006.845	1846.226	1167.495	822.986	2197.060	1517.926	545.272	822.986	1609.11	745.02	519.64	1280.78
Average Day Delivery	(MG)	19.094	18.733	19.798	30.720	45.766	63.514	79.333	69.697	55.930	36.933	21.133	20.267	51.479	69.787	20.567	20.267	67.05	48.91	18.96	19.54
Maximum Day Delivery	(MG)	22.521	21.127	24.075	45.206	66.938	75.752	84.451	82.681	61.766	48.596	26.303	22.809	57.656	83.271	23.190	22.809	73.80	64.67	21.47	21.75
TOTAL WATER DELIVERED TO SYSTEM	(MG)	588.100	518.070	602.000	910.586	1526.572	2075.224	2684.671	2329.219	1804.031	1227.031	655.448	91.890								
Total Water Sold	(MG)	626.399	611.462	515.773	553.575	525.867	1584.185	1754.400	2611.953	2006.845	1846.226	1167.495	822.986								

12 MONTHS TO DATE		1/99	2/99	3/99	4/99	5/99	6/99	7/99	8/99	9/99	10/99	11/99	12/99	9/99	6/99	3/99	12/98	9/97	6/97	3/97	12/96
Raw Water Withdrawn from Own Sources	(MG)	13850.873	13846.981	13840.928	13866.666	14342.031	14995.435	15466.322	15589.684	15199.994	15483.733	15557.681	15594.481	16218.070	16154.821	15776.279	15594.481	13346.37	13941.47	13328.21	13365.72
Plant Use Before Delivery	(MG)	45.238	47.918	55.790	62.770	68.350	74.730	100.690	121.610	140.770	151.670	158.870	170.070	200.650	200.410	176.610	170.070	83.60	65.85	53.13	50.23
Net Delivery from Own Sources	(MG)	13805.635	13799.063	13785.138	13803.896	14273.681	14920.705	15365.632	15468.074	15059.224	15332.063	15398.811	15424.411	16017.420	15954.411	15599.669	15424.411	13262.77	13875.62	13275.08	13315.50
Purchased Water	(MG)	117.512	117.512	117.512	117.512	127.978	154.660	142.673	121.150	128.585	133.141	133.141	133.141	80.084	110.154	133.141	133.141	232.49	170.24	159.89	159.89
TOTAL WATER DELIVERED TO SYSTEM	(MG)	13923.147	13916.575	13902.650	13921.408	14401.659	15075.365	15508.305	15589.224	15187.809	15465.204	15531.952	15557.552	16097.504	16064.565	15732.810	15557.552	13495.26	14043.86	13434.97	13475.38
Other Company Use from System	(MG)	57.970	56.218	54.588	20.982	56.868	58.609	59.318	58.540	56.202	56.521	57.050	54.575	54.767	54.064	58.093	54.575	49.12	51.62	53.36	55.73
Authorized Non-Company Use from System	(MG)	27.016	27.211	26.763	26.580	24.714	25.556	46.378	50.422	48.256	55.389	59.322	60.062	43.970	64.631	63.186	60.062	26.24	22.40	14.61	10.66
Total Water Sold	(MG)	12671.034	12757.138	12752.712	12805.136	12657.290	13409.063	13986.561	15053.144	14806.889	14896.987	14719.213	14627.166	15403.478	15003.053	14597.060	14627.166	12918.98	12750.14	12659.16	12681.43
TOTAL WATER ACCOUNTED FOR	(MG)	12756.020	12840.567	12834.063	12852.698	12738.872	13493.228	14092.257	15162.106	14911.347	15008.897	14835.585	14741.803	15502.215	15121.748	14718.339	14741.803	12994.33	12824.17	12727.14	12747.82
TOTAL WATER UNACCOUNTED FOR	(MG)	1167.127	1076.008	1068.587	1068.710	1662.787	1582.137	1416.048	427.118	276.462	456.307	696.367	815.749	595.289	942.817	1014.471	815.749	500.93	1221.69	707.83	727.56
	(%)	8.38%	7.73%	7.69%	7.68%	11.55%	10.49%	9.13%	2.74%	1.82%	2.95%	4.48%	5.24%	3.70%	5.87%	6.45%	5.24%	3.71%	8.70%	5.27%	5.40%

United Water's Estimate of Annual System Water Losses as a Percent of Production

MONTHLY		MONTH 1/99	MONTH 2/99	MONTH 3/99	MONTH 4/99	MONTH 5/99	MONTH 6/99	MONTH 7/99	MONTH 8/99	MONTH 9/99	MONTH 10/99	MONTH 11/99	MONTH 12/99
Raw Water Withdrawn from Own Sources	(MG)	645.147	603.984	662.767	1013.354	1603.929	2257.382	2703.881	2528.193	1652.780	1054.590	679.909	666.757
Plant Use Before Delivery	(MG)	4.920	13.730	9.820	10.360	18.930	25.090	33.460	32.750	19.460	8.330	4.830	6.460
Net Delivery from Own Sources	(MG)	640.227	590.254	652.947	1002.994	1584.999	2232.292	2670.421	2495.443	1633.320	1046.260	675.079	660.297
Purchased Water	(MG)	0.000	0.000	0.000	0.000	0.000	23.852	29.725	21.951	0.000	0.000	0.000	0.000
TOTAL WATER DELIVERED TO SYSTEM	(MG)	640.227	590.254	652.947	1002.994	1584.999	2256.144	2700.146	2517.394	1633.320	1046.260	675.079	660.297
Other Company Use from System	(MG)	1.984	3.220	1.250	2.053	36.512	0.911	2.412	0.779	1.726	1.659	0.741	0.000
Authorized Non-Company Use from System	(MG)	2.543	0.401	1.586	0.401	2.803	3.417	3.152	7.881	3.583	8.349	4.321	1.833
Total Water Sold	(MG)	606.983	571.273	545.272	600.150	951.544	1517.926	1997.602	2578.961	2197.060	1825.328	812.488	804.519
Average Day Delivery	(MG)	20.123	20.161	20.567	31.856	48.565	69.787	80.157	80.157	51.479	34.012	22.425	21.234
Maximum Day Delivery	(MG)	21.482	21.871	23.190	43.971	67.089	83.271	85.790	61.769	57.656	49.447	24.937	23.535

		1999 TOTAL WATER UNACCOUNTED (MG)	Losses as Pct. Of Production (%)	Seasonality of Annual System Water Losses: Each Month as Pct. of Ann. Losses (%)	Multiplier to Convert Annual Water Loss % to Monthly Water Loss %	Monthly System Water Loss Percentages:
1999 TOTAL WATER UNACCOUNTED	(MG)	1167.127	8.38%	9.96%	1.20	6.46%
Losses as Pct. Of Production	(%)	1076.008	7.73%	9.19%	1.10	5.95%
		1068.587	7.69%	9.12%	1.09	5.91%
		1068.710	7.68%	9.12%	1.09	5.91%
		1662.787	11.55%	14.20%	1.70	9.20%
		1582.137	10.49%	13.51%	1.62	8.75%
		1416.048	9.13%	12.09%	1.45	7.83%
		427.118	2.74%	3.65%	0.44	2.36%
		276.462	1.82%	2.36%	0.28	1.53%
		456.307	2.95%	3.90%	0.47	2.52%
		696.367	4.48%	5.95%	0.71	3.85%
		815.749	5.24%	6.96%	0.84	4.51%

Annual Totals	
Losses	Production
11,713.4	234,268.2
5.40%	

Calculation of Factors Used to Estimate Hydrant Water Use and Company Water Use

1999 MONTHLY		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
Raw Water Withdrawn from Own Sources	(MG)	591.900	524.500	613.700	921.586	1525.386	2049.151	2665.581	2334.538	1821.486	1235.905	662.948	647.800	15594.481
Plant Use Before Delivery	(MG)	3.800	6.430	11.700	11.000	9.280	10.300	31.920	28.620	24.890	13.430	7.500	11.200	170.070
Net Delivery from Own Sources	(MG)	588.100	518.070	602.000	910.586	1516.106	2038.851	2633.661	2305.918	1796.596	1222.475	655.448	636.600	15424.411
Purchased Water	(MG)	0.000	0.000	0.000	0.000	10.466	36.373	51.010	23.301	7.435	4.556	0.000	0.000	133.141
TOTAL WATER DELIVERED TO SYSTEM	(MG)	588.100	518.070	602.000	910.586	1526.572	2075.224	2684.671	2329.219	1804.031	1227.031	655.448	636.600	15557.552
Other Company Use from System	(MG)	1.005	0.918	1.013	3.223	37.308	2.974	2.053	0.838	1.323	1.042	2.279	0.599	54.575
Authorized Non-Company Use from System	(MG)	0.642	0.313	0.451	1.148	1.783	2.245	24.710	6.145	4.422	7.743	7.822	2.638	60.062
Total Water Sold	(MG)	626.399	611.462	515.773	553.575	525.867	1584.185	1754.400	2611.953	2006.845	1846.226	1167.495	822.986	14627.166
Average Day Delivery	(MG)	19.094	18.733	19.798	30.720	45.766	63.514	79.333	69.697	55.930	36.933	21.133	20.267	40.077
Maximum Day Delivery	(MG)	22.521	21.127	24.075	45.206	66.938	75.752	84.451	82.681	61.766	48.596	26.303	22.809	84.451

2000 MONTHLY		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
Raw Water Withdrawn from Own Sources	(MG)	645.147	603.984	662.767	1013.354	1603.929	2257.382	2703.881	2528.193	1652.780	1054.590	679.909	666.757	16072.673
Plant Use Before Delivery	(MG)	4.920	13.730	9.820	10.360	18.930	25.090	33.460	32.750	19.460	8.330	4.830	6.460	188.140
Net Delivery from Own Sources	(MG)	640.227	590.254	652.947	1002.994	1584.999	2232.292	2670.421	2495.443	1633.320	1046.260	675.079	660.297	15884.533
Purchased Water	(MG)	0.000	0.000	0.000	0.000	0.000	23.852	29.725	21.951	0.000	0.000	0.000	0.000	75.528
TOTAL WATER DELIVERED TO SYSTEM	(MG)	640.227	590.254	652.947	1002.994	1584.999	2256.144	2700.146	2517.394	1633.320	1046.260	675.079	660.297	15960.061
Other Company Use from System	(MG)	1.984	3.220	1.250	2.053	36.512	0.911	2.412	0.779	1.726	1.659	0.741	0.000	53.247
Authorized Non-Company Use from System	(MG)	2.543	0.401	1.586	0.401	2.803	3.417	3.152	7.881	3.583	8.349	4.321	1.833	40.270
Total Water Sold	(MG)	606.983	571.273	545.272	600.150	951.544	1517.926	1997.602	2578.961	2197.060	1825.328	812.488	804.519	15009.106
Average Day Delivery	(MG)	20.123	20.161	20.567	31.856	48.565	69.787	80.157	80.157	51.479	34.012	22.425	21.234	41.710
Maximum Day Delivery	(MG)	21.482	21.871	23.190	43.971	67.089	83.271	85.790	61.769	57.656	49.447	24.937	23.535	85.790

Calculation of Factors Used to Estimate Hydrant Water Use and Company Water Use

Totals or Averages for the Years 1999 and 2000		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual	
Hydrant Use from System	(MG)	3.19	0.71	2.04	1.55	4.59	5.66	27.86	14.03	8.01	16.09	12.14	4.47	100.3	
Each Calendar Month of the 2-Year Period as a % of 2-Year Totals	(%)	3.17%	0.71%	2.03%	1.54%	4.57%	5.64%	27.77%	13.98%	7.98%	16.04%	12.10%	4.46%	0.34%	Hydrant Water Use as a Percentage of Total System Water Production in the 2-Year Period.
(The Lineitem Above of: Authorized Non-Company Use from System)															
Company Use from System	(MG)	11.71	24.30	23.78	26.64	102.03	39.28	69.85	62.99	47.40	24.46	15.35	18.26	466.0	
Each Calendar Month of the 2-Year Period as a % of 2-Year Totals	(%)	2.51%	5.21%	5.10%	5.72%	21.89%	8.43%	14.99%	13.52%	10.17%	5.25%	3.29%	3.92%	1.31%	Company Water Use as a Percentage of Total System Water Production in the 2-Year Period.
(The Sum of the Lineitems Above of: Plant Use Before Delivery + Other Company Use from System)															

United Water Idaho
Historical Water Usage per Residential Customer
January 1984 – June 2000

United Water Idaho
Usage per Customer

REVENUE.WK3
11/09/00

Residential	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
1984 Actual	15.7081	16.7409	16.7143	16.8681	17.2588	26.6583	45.7077	73.0365	74.1218	58.2388	31.6379	21.6286	207.1599
1985 Actual	16.2017	16.4425	17.1294	17.5485	23.0131	39.8883	61.4605	82.6801	78.6179	51.6078	27.1029	18.9752	225.3340
1986 Actual	15.0508	17.9222	17.8861	17.2240	19.6292	34.2233	64.7164	86.1443	85.5096	60.7395	31.1394	18.6155	234.4002
1987 Actual	16.1751	17.2587	16.2831	16.7594	29.3175	50.1755	63.2274	75.5652	79.5924	67.6131	48.4423	29.1652	254.7875
1988 Actual	17.4640	16.7163	15.5178	17.1740	21.0566	37.6919	63.0063	79.5261	83.4633	69.8752	43.1253	25.8764	245.2466
1989 Actual	15.0665	13.9400	18.7212	18.5895	21.8453	40.1506	65.9290	81.5196	79.5116	57.6682	33.7980	21.2914	234.0155
1990 Actual	16.6653	16.2075	15.1411	17.1066	26.6692	35.6402	47.2007	68.5743	80.1495	62.3363	41.7415	22.6691	225.0507
1991 Actual	14.1687	16.1936	18.4179	16.7118	19.7491	27.9871	48.4299	70.7868	80.7129	68.2264	47.7689	26.9764	228.0648
1992 Actual	16.8626	15.8884	14.7331	18.2214	30.3952	49.8171	62.7540	66.5043	74.9279	63.6148	43.7735	24.5300	241.0112
1993 Actual	15.7688	15.3691	16.0765	16.6688	16.2874	28.7211	49.7044	66.0787	67.3669	57.8264	44.1324	24.0637	209.0321
1994 Actual	18.5766	17.7552	14.4409	18.3834	25.7904	37.6614	55.9272	74.6958	81.8612	69.8861	53.5533	23.8985	246.2150
1995 Actual	15.9575	16.5318	14.1367	14.8241	18.2090	25.1640	46.5379	65.9037	68.9143	61.4469	42.6474	24.1383	207.2058
1996 Actual	16.8838	15.9302	15.2325	15.9097	18.2315	28.0341	49.5024	70.1707	78.5597	63.6827	40.8001	23.5637	218.2506
1997 Actual	15.3924	16.6475	14.7400	15.2414	21.3258	36.4814	51.0257	60.5057	69.7567	59.4485	41.5651	24.4675	213.2989
1998 Actual	16.5924	16.7737	14.6839	15.6916	19.9053	27.0750	37.3401	55.4485	74.3495	63.6353	44.1470	24.7913	205.2167
1999 Actual	15.8225	15.8225	14.8225	17.5405	27.4990	42.3680	61.4550	70.1660	77.4070	55.5600	37.5290	21.6580	228.8250
2000 6&6	15.7440	15.7440	14.3325	15.3225	27.9889	43.1211							66.1265
10 Year average	16.1769	16.2656	15.1617	16.4515	22.5382	34.6430	50.9877	66.8835	75.4006	62.5663	43.7658	24.0757	222.4582
5 Year average	16.0870	16.1836	14.7623	15.9411	22.9901	35.4159	49.1722	64.4389	73.7974	60.7547	41.3377	23.7238	217.3024
3 Year Average	16.0530	16.1134	14.6130	16.1849	25.1311	37.5214	49.9403	62.0401	73.8377	59.5479	41.0804	23.6389	217.8509
BASE	16.1000	16.1000	14.6000	16.2000	24.0000	37.0000	50.0000	63.0000	73.8000	60.0000	41.2000	23.7000	217.8500
Summer Conservation Effect							0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
At Billed out Assumptions							0	0	0	0	0	0	0
2000 RF	16.1000	16.1000	14.6000	16.2000	24.0000	37.0000	50.0000	63.0000	73.8000	60.0000	41.2000	23.7000	217.8500
Percent Decrease	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Summer Conservation Effect													
At Billed out Assumptions													
2001 OP	16.1000	16.1000	14.6000	16.2000	24.0000	37.0000	50.0000	63.0000	73.8000	60.0000	41.2000	23.7000	217.8500

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United Water Idaho
Historical Water Usage per Commercial Customer
January 1984 – June 2000

REVENUE.WK3
11/09/00

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ustomers	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
1984 Actual	88.6367	105.8601	82.4802	108.1404	92.4176	128.8939	165.7214	235.4099	252.5555	235.6172	151.2981	126.4650	1,773.4960
1985 Actual	90.6939	103.6058	95.9634	107.6226	103.8234	157.8899	199.8205	259.4593	260.3551	212.4569	131.7994	115.1096	1,838.5998
1986 Actual	84.9157	106.7417	93.2149	112.0731	101.2042	145.8153	214.5559	286.0962	256.0173	248.2818	157.9799	122.3433	1,929.2393
1987 Actual	96.0815	110.2058	102.8942	117.5925	127.1557	189.3836	215.9918	265.7283	262.1392	258.1378	202.2522	156.8610	2,104.4236
1988 Actual	100.0679	107.9200	98.0632	109.6033	111.5123	158.6820	228.2162	268.8250	291.0689	273.1028	200.7121	147.8273	1,047.8005
1989 Actual	90.2090	89.0863	101.2647	98.9521	98.0122	147.3735	207.6823	250.5424	252.7390	215.4538	160.4721	119.6947	915.7411
1990 Actual	109.4391	96.7724	100.9620	98.8759	132.7668	150.0826	182.4365	222.3632	269.9044	242.9195	193.3900	126.2988	963.1056
1991 Actual	103.5525	91.8025	120.4548	96.8107	115.8445	128.4176	191.0342	221.3834	274.6295	238.8401	188.6743	134.7143	953.0792
1992 Actual	87.8555	92.9099	96.3925	97.0221	120.5836	176.5880	211.3836	232.6699	224.0698	228.1913	165.2219	119.4024	926.1453
1993 Actual	80.9038	85.4175	82.0282	92.9474	80.3325	120.4135	162.0994	227.0997	208.9156	207.3119	171.5715	125.2974	822.1692
1994 Actual	89.8514	100.8080	73.7469	98.8399	103.6895	149.7995	180.5084	237.2868	245.4863	243.9075	200.1983	128.5110	926.3168
1995 Actual	100.4300	95.1121	79.5119	88.3642	92.8450	117.0580	168.0146	229.4681	232.9528	236.5494	191.6514	126.3365	879.1470
1996 Actual	116.5205	90.1354	106.4416	92.9991	111.4728	126.5185	184.3081	232.0510	270.6338	239.9612	198.1858	120.6413	944.9345
1997 Actual	107.7916	92.3075	97.7518	83.9535	121.5078	148.8564	205.0193	217.6749	252.1326	222.9241	196.3771	126.0833	936.1899
1998 Actual	98.4989	92.7777	87.7153	90.2187	100.3971	137.2935	151.8717	217.1337	265.0979	257.2254	217.1337	105.2701	910.3169
1999 Actual	105.7140	96.7509	86.5114	89.0752	97.5194	191.5915	189.7887	290.2243	230.7042	238.3904	144.1429	126.1798	943.2964
2000 FC	88.9613	87.1407	85.6708	91.3253	122.0450	192.3836							333.7634
et of Micron and HP and Raintree													
1989 Actual	73.4514	77.3644	82.6414	90.9527	82.4808	133.1245	185.8197	235.2846	228.3978	197.2611	136.3603	102.1469	812.6428
1990 Actual	76.2198	81.4377	68.1266	82.6366	97.5989	131.5556	147.2001	205.8545	227.9670	221.6855	155.8343	109.8131	802.9649
1991 Actual	71.8791	80.6987	85.8263	85.2274	86.7357	115.7285	158.5524	209.6154	235.1636	226.2570	180.2650	124.7141	830.3316
1992 Actual	83.2439	81.8839	73.6467	87.0114	113.8846	164.9136	197.8462	219.7899	218.8027	218.8879	160.7945	114.5130	867.6092
1993 Actual	78.0416	81.0675	79.3942	88.0996	75.9377	114.6284	155.4680	221.9845	203.6762	203.3180	160.6057	118.6974	790.4594
1994 Actual	85.4437	93.2793	70.6912	93.2687	95.8527	144.7737	171.6294	230.1473	231.2617	237.3875	181.9521	123.5523	879.6198
1995 Actual	82.6392	91.2204	68.6520	83.9212	81.2265	112.4999	150.2981	223.9065	204.1698	231.1111	159.6140	120.7111	804.9849
1996 Actual	84.9713	86.8145	75.5421	89.7345	80.5092	122.8341	157.4737	227.3284	235.6650	235.3738	163.2328	117.4336	838.4565
1997 Actual	81.1552	89.3076	75.0501	81.2319	92.1825	144.0278	168.0307	211.8256	227.3913	216.7450	168.9829	120.3106	838.1205
1998 Actual	80.9149	86.9758	74.0847	85.0902	87.0984	129.8882	135.0165	211.5726	243.5491	251.2367	200.3959	89.3221	837.5725
1999 Actual	101.4830	89.7207	82.2845	81.8523	92.3726	182.6441	185.2322	275.1626	225.5150	223.7872	139.2715	113.0319	896.1787
2000 Act thru June	87.3006	71.9258	82.9737	75.9120	119.6720	176.2758							307.0300
) Year average	83.7073	85.2894	76.8146	85.1349	92.5472	140.8214	162.6747	223.7187	225.3161	226.5790	167.0949	115.2099	842.4540
Year average	87.1650	84.9489	77.9870	82.7642	94.3669	151.1340	159.2102	229.9591	227.2580	231.6507	166.2994	112.1619	852.4527
Year Average	89.8995	82.8741	79.7810	80.9515	99.7143	162.9360	162.7598	232.8536	232.1518	230.5896	169.5501	107.5549	865.8081
BASE	87.0000	84.0000	78.0000	81.0000	95.0000	155.0000	159.0000	230.0000	230.0000	230.0000	168.0000	110.0000	853.5000
Summer Conservation Effect							0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
At Billed out Assumptions							1	1	1	1	1	0	4
2000 RF	87.0000	84.0000	78.0000	81.0000	95.0000	155.0000	159.0000	230.0000	230.0000	230.0000	168.0000	110.0000	1,707.0000
ercent Decrease	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%
Summer Conservation Effect					0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
At Billed out Assumptions					0	1	1	1	1	1	1	0	5
2001 OP	87.0000	84.0000	78.0000	81.0000	95.0000	155.0000	159.0000	230.0000	230.0000	230.0000	168.0000	110.0000	1,707.0000
ercent Decrease	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%

United Water Idaho
Historical Water Usage per Public Authority Customer
January 1988 – June 2000

Public Authority	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
1988 Actual	7.7941	21.0732	16.3438	24.5500	39.3056	89.0909	212.5000	251.1702	372.6667	183.4792	132.9143	78.4889	714.6885
1989 Actual	25.2500	57.8571	179.8571	62.7692	74.7879	120.3415	391.8649	251.0833	450.8108	262.4792	104.5000	61.5333	1,021.5672
1990 Actual	22.1333	65.4545	18.8000	69.0000	93.7568	122.4400	204.9024	320.9057	323.7907	405.1852	182.2143	183.4474	1,006.0152
1991 Actual	23.8824	37.2222	20.8333	41.1200	86.9143	103.0702	234.7000	336.4310	310.9756	433.0526	211.6341	138.7857	989.3107
1992 Actual	27.6000	47.8667	11.6364	52.9444	88.5682	218.3509	280.8140	418.3220	394.9070	437.0702	370.2353	156.0000	1,252.1576
1993 Actual	30.0000	35.0000	15.5556	45.0000	23.4667	84.1778	236.0714	389.7458	318.8409	416.3729	174.1818	128.0847	948.2488
1994 Actual	10.6923	49.1905	11.4000	69.2609	68.4091	187.6333	207.7955	398.0847	404.7556	502.1333	316.0444	119.6610	1,172.5303
1995 Actual	5.0222	18.9455	3.6364	18.5091	37.9778	66.1017	189.0000	396.7966	320.7111	452.9828	155.1081	158.3333	911.5623
1996 Actual	57.0000	97.8800	18.5455	57.9412	27.8043	89.3051	350.0217	374.2833	494.3478	445.3833	384.9348	111.7500	1,254.5986
1997 Actual	26.4167	47.0952	19.1818	56.3000	81.6522	174.7797	278.3043	342.1864	279.8936	315.1695	254.0652	103.8864	989.4655
1998 Actual	40.2308	44.0000	26.0000	41.7368	56.5909	85.9821	131.8958	228.2807	293.3137	303.8088	228.2807	92.1216	786.1210
1999 Actual	55.0000	55.0000	28.0000	69.0000	69.0000	159.0000	352.0000	497.0000	497.0000	510.0000	331.0000	131.0000	1,376.5000
2000 6&6	72.0000	72.0000	37.0000	90.0000	90.0000	207.0000	255.0000	355.0000	355.0000	375.0000	270.0000	110.0000	1,144.0000
Average 3 years	55.7436	57.0000	30.3333	66.9123	71.8636	150.6607	254.0667	355.8224	356.7358	376.3261	271.1153	109.0027	1,077.7913
BASE	56.0000	57.0000	30.0000	67.0000	72.0000	151.0000	255.0000	355.0000	355.0000	375.0000	270.0000	110.0000	1,076.5000
Summer Conservation Effect							0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
At Billed out Assumptions							1	1	1	1	1	0	4
2000 RF	56.0000	57.0000	30.0000	67.0000	72.0000	151.0000	255.0000	355.0000	355.0000	375.0000	270.0000	110.0000	1,076.5000
Percent Decrease	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Summer Conservation Effect					0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
At Billed out Assumptions					0	1	1	1	1	1	1	0	5
2001 OP	56.0000	57.0000	30.0000	67.0000	72.0000	151.0000	255.0000	355.0000	355.0000	375.0000	270.0000	110.0000	1,076.5000
Percent Decrease	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%

Name: UNITED WATER IDAHO, INC.

SYSTEM ENGINEERING DATA
(continued)

For Year Ended: December 31, 1998

FEET OF MAINS

1 Pipe Size	In Use Beginning of Year	Installed During Year	Abandoned During Year	In Use End of Year
See attached				

CUSTOMER STATISTICS

		Number of Customers		Thousands of Gallons Sold	
		This Year	Last Year	This Year	Last Year
2	Metered:				
2A	Residential	51,177	50,028	7,774,576	7,9
2B	Commercial	7,024	6,799	4,798,354	4,791,6
2C	Industrial	-	-	-	-
3	Flat Rate:				
3A	Residential	-	-	-	-
3B	Commercial	-	-	-	-
3C	Industrial	-	-	-	-
4	Private Fire Protection:	986	871	-	
5	Public Fire Protection:	-	-	-	
6	Street Sprinkling	-	-	-	
7	Municipal, Other	123	32	61,843	73,
8	Other Water	-	-	27,466	50,
	TOTALS (Add lines 2 through	59,310	57,730	12,662,239	12,850,

UNITED WATER IDAHO, INC.

SYSTEM ENGINEERING DATA
(continued)

For Year Ended: December 31, 1997

FEET OF MAINS

1 Pipe Size	In Use Beginning of Year	Installed During Year	Abandoned During Year	In Use End of Year
See attached				

CUSTOMER STATISTICS

		Number of Customers		Thousands of Gallons Sold	
		This Year	Last Year	This Year	Last Year
2	Metered:				
2A	Residential	50,028	48,455	7,934,999	8,008,659
2B	Commercial	6,799	6,697	4,791,677	4,777,245
2C	Industrial	-	-	-	-
3	Flat Rate:				
3A	Residential	-	-	-	-
3B	Commercial	-	-	-	-
3C	Industrial	-	-	-	-
4	Private Fire Protection:	871	817	-	-
5	Public Fire Protection:	-	-	-	-
6	Street Sprinkling	-	-	-	-
7	Municipal, Other	32	36	73,436	90,155
8	Other Water*	-	-	50,365	16,350
	TOTALS (Add lines 2 through	57,730	56,005	12,850,477	12,892,409

*Began reporting gallons sold from Fire Hydrant Permits in 1993

ANNUAL REPORT FOR WATER UTILITIES
YEAR ENDED DECEMBER 31, 1996

ENGINEERING
(cont'd.)

Feet of Mains

Size	In Use Beginning of Year	Installed During Year	Abandoned During Year	In Use Close of Year
	SEE ATTACHED SCHEDULE			

WATER STATISTICS

	NUMBER OF CUSTOMERS		THOUSANDS OF GALLONS SOLD	
	This Year	Last Year	This Year	Last Year
Metered				
Residence	48,455	47,078	8,008,659	7,243,951
Commercial	6,697	6,588	4,777,245	4,362,106
Industrial	0	0	0	0
Flat Rate				
Residence	0	0		
Commercial	0	0		
Industrial	0	0		
Private Fire Protection	817	764	0	0
Public Fire Protection	0	0	0	0
Street Sprinkling	0	0	0	0
Municipal Other	36	46	90,155	66,418
Other Water *	0	0	16,350	35,471
TOTALS	56,005	54,476	12,892,409	11,707,946

* Began reporting gallons sold from Fire Hydrant Use Permits in 1993.

ANNUAL REPORT FOR WATER UTILITIES
YEAR ENDED DECEMBER 31, 1994

ENGINEERING
(cont'd.)

Feet of Mains

Size	In Use Beginning of Year	Installed During Year	Abandoned During Year	In Use Close of Year
	SEE ATTACHED SCHEDULE			

WATER STATISTICS

	NUMBER OF CUSTOMERS		GALLONS SOLD	
	This Year	Last Year	This Year	Last Year
Metered				
Residence	46,041	44,372	8,245,150	6,939,170
Commercial	6,403	6,148	4,436,250	3,761,193
Industrial	0	0	0	0
Flat Rate				
Residence	0	0		
Commercial	0	0		
Industrial	0	0		
Private Fire Protection	708	663	0	0
Public Fire Protection	0	0	0	0
Street Sprinkling	0	0	0	0
Municipal Other	102	102	89,761	69,243
Other Water *	0	0	21,926	17,174
TOTALS	53,254	51,285	12,793,087	10,786,780

* Began reporting gallons sold from Fire Hydrant Use Permits in 1993.

Annual Report for Water Utilities
Year Ended December 31, 19 92

ENGINEERING
(cont'd.)

Feet of Mains

Size	In Use Beginning Of Year	Installed During Year	Abandoned During Year	In Use Close of Year
	SEE ATTACHED SCHEDULE			

WATER STATISTICS

	NUMBER OF CUSTOMERS		GALLONS SOLD (1,000's)	
	This Year	Last Year	This Year	Last Year
Metered				
Residence (Avg. 42,144)	42,932	41,356	7,622,561	6,992,695
Commercial (5,807)	5,869	5,745	4,061,323	4,065,529
Industrial	-0-	-0-	-0-	-0-
Flat Rate				
Residence	-0-	-0-		
Commercial	-0-	-0-		
Industrial	-0-	-0-		
Private Fire Protection	627	594	-0-	-0-
Public Fire Protection	-0-	-0-	-0-	-0-
Street Sprinkling	-0-	-0-	-0-	-0-
Municipal Other	42	97	85,646	70,266
Other Water Utilities	-0-	-0-	-0-	-0-
TOTALS	49,470	47,792	11,769,530	11,128,490

Annual Report for Water Utilities
Year Ended December 31, 19 90

ENGINEERING
(cont'd.)

Feet of Mains

Size	In Use Beginning Of Year	Installed During Year	Abandoned During Year	In Use Close of Year
SEE ATTACHED SCHEDULE				

WATER STATISTICS

	NUMBER OF CUSTOMERS		GALLONS SOLD	
	This Year	Last Year	This Year	Last Year
Metered				
Residence	236,292	228,860	6,675,794	6,694,777
Commercial	33,114	31,196	4,004,120	3,647,930
Industrial	-0-	-0-	-0-	-0-
Flat Rate				
Residence	-0-	-0-		
Commercial	-0-	-0-		
Industrial	-0-	-0-		
Private Fire Protection	3,240	3,020	-0-	-0-
Public Fire Protection	-0-	-0-	-0-	-0-
Street Sprinkling	-0-	-0-	-0-	-0-
Municipal Other	414	380	65,657	55,633
Other Water Utilities	-0-	-0-	-0-	-0-
TOTALS	273,060	263,456	10,745,571	10,398,340

Annual Report for Large Water Utilities
Year Ended December 31, 19 88

ENGINEERING
(cont'd.)

Feet of Mains

Size	In Use Beginning Of Year	Installed During Year	Abandoned During Year	In Use Close of Year
SEE ATTACHED SCHEDULE.				

WATER STATISTICS

	NUMBER OF BILLS		GALLONS SOLD	
	This Year	Last Year	This Year	Last Year
Metered				
Residence	228,467	223,731	7,018,685	7,125,339
Commercial	24,681	23,849	3,255,526	3,163,967
Industrial	-0-	-0-	-0-	-0-
Flat Rate				
Residence	-0-	-0-		
Commercial	-0-	-0-		
Industrial	-0-	-0-		
Private Fire Protection	2,760	2,601	-0-	-0-
Public Fire Protection	-0-	-0-	-0-	-0-
Street Sprinkling	-0-	-0-	-0-	-0-
Municipal Other	474	402	43,260	41,566
Other Water Utilities	-0-	-0-	-0-	-0-
TOTALS	256,382	250,583	10,317,471	10,330,872

Annual Report for Large Water Utilities
Year Ended December 31, 19 86

ENGINEERING
(cont'd.)

Feet of Mains

Size	In Use Beginning Of Year	Installed During Year	Abandoned During Year	In Use Close of Year
	SEE ATTACHED SCHEDULE.			

WATER STATISTICS

	NUMBER OF BILLS		GALLONS SOLD	
	This Year	Last Year	This Year	Last Year
				1985 ↓
Metered				
Residence	219,629	215,489	6,447,339	6,104,356
Commercial	23,104	22,153	2,816,021	2,571,415
Industrial	-0-	-0-	-0-	-0-
Flat Rate				
Residence	-0-	-0-		
Commercial	-0-	-0-		
Industrial	-0-	-0-		
Private Fire Protection	2,498	2,394	-0-	-0-
Public Fire Protection	-0-	-0-	-0-	-0-
Street Sprinkling	-0-	-0-	-0-	-0-
Municipal Other	364	355	36,005	28,209
Other Water Utilities	-0-	-0-	-0-	-0-
TOTALS	245,595	240,391	9,299,365	8,703,980

Annual Report for Large Water Utilities
Year Ended December 31, 19 84

ENGINEERING
(cont'd.)

Feet of Mains

Size	In Use Beginning Of Year	Installed During Year	Abandoned During Year	In Use Close of Year
	SEE ATTACHED			

WATER STATISTICS

	NUMBER OF BILLS		GALLONS SOLD (1,000	
	This Year	Last Year	This Year	Last Year
				1983 ↓
Metered				
Residence	210,359	204,625	5,555,453	5,501,809
Commercial	21,608	21,310	2,431,148	2,377,425
Industrial	-0-	-0-	-0-	-0-
Flat Rate				
Residence	-0-	-0-		
Commercial	-0-	-0-		
Industrial	-0-	-0-		
Private Fire Protection	2,223	2,127	-0-	-0-
Public Fire Protection	-0-	-0-	-0-	-0-
Street Sprinkling	-0-	-0-	-0-	-0-
Municipal Other	301	319	24,220	25,205
Other Water Utilities	-0-	-0-	-0-	-0-
TOTALS	234,491	228,381	8,010,821	7,904,438

IDAHO PUBLIC UTILITIES COMMISSION
APPROVED EFFECTIVE

JUL 15 '98 JUL 6 - '98
Per O.N. 27634
Thyra L. Hallam SECRETARY

Sheet No. 4
Replacing all Previous Sheets

UNITED WATER IDAHO INC.

SCHEDULE NO. 1
GENERAL METERED SERVICE

Availability:
To all metered customers not served under a separate schedule.

Customer Charges:

Meter Size	Bi-Monthly Per Meter Charge
5/8"	$ 13.51
3/4"	13.51
1"	17.80
1-1/4" and 1-1/2"	28.81
2" or multiple meters of equivalent capacity	41.64
3" or multiple meters of equivalent capacity	76.52
4" or multiple meters of equivalent capacity	121.78
6" or multiple meters of equivalent capacity	234.33
8" or multiple meters of equivalent capacity	353.59
10" or multiple meters of equivalent capacity	494.25

Volume Charge:	Winter Rates	Summer Rates
For all water used per 100 cubic feet (CCF):	$0.9113	$1.1388
For all water used per 1,000 gallons	$1.2183	$1.5225

Conditions of Contract:
The customer shall pay the total of the customer charge plus the volume charge. The volume charge is based on all metered water for the billing period. Consumption is expressed in 100 hundred cubic foot units or one thousand gallon units as determined by the meter installed by the Company. The customer charge will be prorated whenever the customer has not been a customer for the entire billing period.

Summer Period:
The summer rate will apply to water consumed between May 1 and September 30. Meter readings straddling these dates will be pro rated.

Issued: July 6, 1998 Effective: July 6, 1998

Under authority of I.P.U.C. Order No. 27630

Issued by: UNITED WATER IDAHO INC.
By:
William C. Linam, President
William C. Linam

Sheet No.4
Replacing all Previous Sheets

UNITED WATER IDAHO INC.
formerly known as BOISE
WATER CORPORATION

IDAHO PUBLIC UTILITIES COMMISSION
APPROVED NOV 6 - '96 EFFECTIVE NOV 7 - '96
Theresa L. Hallett SECRETARY

SCHEDULE NO. 1
GENERAL METERED SERVICE

Availability:
To all metered customers not served under a separate schedule.

Customer Charges:

Meter Size	Bi-Monthly Per Meter Charge
5/8"	$ 12.43
3/4"	12.43
1"	16.37
1-1/4" and 1-1/2"	26.49
2" or multiple meters of equivalent capacity	38.29
3" or multiple meters of equivalent capacity	70.37
4" or multiple meters of equivalent capacity	112.00
6" or multiple meters of equivalent capacity	215.51
8" or multiple meters of equivalent capacity	325.21
10" or multiple meters of equivalent capacity	454.60

Volume Charge:	Winter Rates	Summer Rates
For all water used per 100 cubic feet (CCF):	$0.8383	$1.0476
For all water used per 1,000 gallons	$1.1207	$1.4006

Conditions of Contract:
The customer shall pay the total of the customer charge plus the volume charge. The volume charge is based on all metered water for the billing period. Consumption is expressed in 100 hundred cubic foot units or one thousand gallon units as determined by the meter installed by the Company. The customer charge will be prorated whenever the customer has not been a customer for the entire billing period.

Summer Period:
The summer rate will apply to water consumed between May 1 and September 30. Meter readings straddling these dates will be pro rated.

Issued: November 5, 1996 Effective: November 7, 1996

Under authority of I.P.U.C. Order No. 26671 dated November 4, 1996

Issued by: **UNITED WATER IDAHO INC.**

By: Wayne L. Booe, President

Sheet No. 4
Replacing all Previous Sheets

BOISE WATER CORPORATION

SCHEDULE NO. 1
GENERAL METERED SERVICE

Availability:
To all metered customers.

Commodity Rates:	Winter Bi-Monthly Per Meter	Summer Bi-Monthly Per Meter
First 1,000 cu. ft. or less	$16.71	$16.71
All over 1,000 cu. ft. per 100 cu. ft.	$ .670	$ .837

Minimum Charges:

Meter Size	Bi-Monthly Per Meter Cu. Ft. Allowed	Charge*
3/4" and smaller	1,000	16.71
1"	1,700	22.00
1 1/4" and 1 1/2"	3,500	35.60
2"	5,600	51.47
3" or multiple meters of equivalent capacity	11,300	94.56
4" or multiple meters of equivalent capacity	18,700	150.50
6" or multiple meters of equivalent capacity	37,100	289.60
8" or multiple meters of equivalent capacity	56,600	437.02
10" or multiple meters of equivalent capacity	79,600	610.90

* Each 100 cu. ft. in excess of 1,000 cu. ft. is priced at the commodity rate applicable to the minimum allowance of .7560 per 100 cu. ft.

Conditions of Contract:
The customer shall pay the minimum charge only when the amount resulting from applying the rates to the quantity of water used is less than the minimum charge.

A minimum bill will be prorated whenever the customer has not been a customer for the entire billing period and if the same customer has used less than the minimum allowance.

Summer Period:
For those customers whose meters are read on or around the beginning of June, the summer billing season shall be June through September. For those customers whose meters are read on or around the beginning of July, the summer billing season shall be July through October.

Issued: August 10, 1993 under authority of I.P.U.C. Order No. 25062 dated August 4, 1993

Effective: For all bills rendered on or after August 13, 1993

Issued by: BOISE WATER CORPORATION

By: Benjamin M. Hepler
Benjamin M. Hepler, Vice President

IDAHO PUBLIC UTILITIES COMMISSION
APPROVED EFFECTIVE
NOV 8 - '90 NOV 9 - '90
Theresa L. Sullivan SECRETARY

Tenth Revised Sheet No. 4
Cancelling Ninth Revised Sheet No. 4

BOISE WATER CORPORATION

SCHEDULE NO. 1

GENERAL METERED SERVICE

Availability:

To all metered customers.

Rates:

	Bi-Monthly Per Meter
First 1,000 cu. ft. or less	$ 16.71
All over 1,000 cu. ft. per 100 cu. ft.	.638

Minimum Charges:

Meter Size	Cu. Ft. Allowed	Bi-Monthly Per Meter Charge
3/4" and smaller	1,000	16.71
1"	1,700	21.18
1-1/4" and 1-1/2"	3,500	32.66
2"	5,600	46.06
3" or multiple meters of equivalent capacity	11,300	82.42
4" or multiple meters of equivalent capacity	18,700	129.64
6" or multiple meters of equivalent capacity	37,100	247.03
8" or multiple meters of equivalent capacity	56,600	371.44
10" or multiple meters of equivalent capacity	79,600	518.18

Conditions of Contract:

The customer shall pay the minimum charge only when the amount resulting from applying the rates to the quantity of water used is less than the minimum charge.

A minimum bill will be prorated whenever the customer has not been a customer for the entire billing period and if the same customer has used less than the minimum allowance.

Issued: November 7, 1990 under authority of I.P.U.C. Order No. 23420 dated November 7, 1990.

Effective: On all service rendered on or after November 9, 1990.

Issued by: BOISE WATER CORPORATION

By: Benjamin M. Hopkins

SCHEDULE NO. 1
GENERAL METERED SERVICE

Availability:
To all metered customers.

BASE
~~Customer~~ Charges:

Meter Size	Bi-Monthly Per Meter Charge
5/8"	$12.00
3/4"	12.00
1"	15.80
1 1/4" and 1 1/2	25.57
2" or multiple meters of equivalent capacity	36.96
3" or multiple meters of equivalent capacity	67.91
4" or multiple meters of equivalent capacity	108.08
6" or multiple meters of equivalent capacity	207.97
8" or multiple meters of equivalent capacity	313.84
10" or multiple meters of equivalent capacity	438.71

Volume Charge:	Winter Rates	Summer Rates
For all water used per 100 cubic feet (CCF):	$0.809 .81	$1.011

Conditions of Contract:

The customer shall pay the total of the customer charge plus the volume charge. The volume charge is based on all metered water for the billing period. The customer charge will be prorated whenever the customer has not been a customer for the entire billing period.

Summer Period:

The summer rate will apply to water consumed between May 1 and September 30. Meter readings straddling these dates will be pro rated.

Issued: July 20, 1994 Effective: July 25, 1994

Under authority of I.P.U.C. Order No. 25640 dated July 14, 1994

Issued by: BOISE WATER CORPORATION

By: Wayne L. Booe, President

SCHEDULE NO. 1

GENERAL METERED SERVICE

Availability:

To all metered customers.

Rates:

		Bi-Monthly Per Meter
First 1,000 cu. ft. or less		$ 16.71
All over 1,000 cu. ft. per 100 cu. ft.	$ 17.21	.5430

Minimum Charges:

Meter Size	Cu.Ft. Allowed	Bi-Monthly Per Meter Charge
3/4" and smaller	1,000	16.71
1"	1,700	20.51
1 1/4" and 1 1/2"	3,500	30.29
2"	5,600	41.60
3" or multiple meters of equivalent capacity	11,300	72.
4" or multiple meters of equivalent capacity	18,700	112.82
6" or multiple meters of equivalent capacity	37,100	212.73
8" or multiple meters of equivalent capacity	56,600	318.62
10" or multiple meters of equivalent capacity	79,600	443.51

Conditions of Contract:

The customer shall pay the minimum charge only when the amount resulting from applying the rates to the quantity of water used is less than the minimum charge.

A minimum bill will be prorated whenever the customer has not been a customer for the entire billing period and if the same customer has used less than the minimum allowance.

IDAHO PUBLIC UTILITIES COMMISS
APPROVED
EFFECTI
JUL 1 - '86
JUL 2 -
SECRET

Eighth Revised Sheet No. 4
Cancelling Seventh Revised Sheet No. 4

BOISE WATER CORPORATION

SCHEDULE NO. 1

GENERAL METERED SERVICE

Availability:

To all metered customers.

Rates:

	Bi-Monthly Per Meter
First 1,000 cu. ft. or less	$ 17.41
All over 1,000 cu. ft. per 100 cu. ft.	.5658

Minimum Charges:

Meter Size	Bi-Monthly Per Meter Cu.Ft. Allowed	Charge
3/4" and smaller	1,000	17.41
1"	1,700	21.37
1 1/4" and 1 1/2"	3,500	31.55
2"	5,600	43.43
3" or multiple meters of equivalent capacity	11,300	75.68
4" or multiple meters of equivalent capacity	18,700	117.55
6" or multiple meters of equivalent capacity	37,100	221.66
8" or multiple meters of equivalent capacity	56,600	331.99
10" or multiple meters of equivalent capacity	79,600	462.12

Conditions of Contract:

The customer shall pay the minimum charge only when the amount resulting from applying the rates to the quantity of water used is less than the minimum charge.

A minimum bill will be prorated whenever the customer has not been a customer for the entire billing period and if the same customer has used less than the minimum allowance.

Issued: June 30, 1986 under authority of I.P.U.C. Order No. 20592 dated June 27, 1986

Effective: On all service rendered on or after July 2, 1986

Issued by: BOISE WATER CORPORATION

By: Benjamin M. Hepler
Benjamin M. Hepler, Manager

Seventh Revised Sheet No. 4
Cancelling Sixth Revised Sheet No. 4

APPROVED JAN 7 - '83

EFFECTIVE JAN 7 - '83

BOISE WATER CORPORATION

Wayne L. Booe SECRETARY

SCHEDULE NO. 1

GENERAL METERED SERVICE

Availability:

To all metered customers.

Rates:

	Bi-Monthly Per Meter
First 1,000 cu. ft. or less	$ 15.68
All over 1,000 cu. ft. per 100 cu. ft.	.5096

Minimum Charges:

Meter Size	Cu. Ft. Allowed	Bi-Monthly Per Meter Charge
3/4" and smaller	1,000	15.68
1"	1,700	19.25
1½" and 1½"	3,500	28.42
2"	5,600	39.12
3" or multiple meters of equivalent capacity	11,300	68.17
4" or multiple meters of equivalent capacity	18,700	105.88
6" or multiple meters of equivalent capacity	37,100	199.65
8" or multiple meters of equivalent capacity	56,600	299.02
10" or multiple meters of equivalent capacity	79,600	416.23

Conditions of Contract:

The customer shall pay the minimum charge only when the amount resulting from applying the rates to the quantity of water used is less than the minimum charge.

A minimum bill will be prorated whenever the customer has not been a customer for the entire billing period and if the same customer has used less than the minimum allowance.

Issued: January 6, 1983 under authority of I.P.U.C. Order No. 17797 dated December 30, 1982.

Effective: On all service rendered on or after January 7, 1983.

Issued by: BOISE WATER CORPORATION

By: Wayne L. Booe, Vice President

United Water Idaho

Appendix A
to

Integrated Municipal Application Package ("IMAP")

Forecast and Analysis of Potential Residential Use of NPI Water Sources on United Water Idaho Residential Water Demand

John Church, Idaho Economics, P.O. Box 45694, Boise, ID 83711-5694
Telephone: (208) 323-0732; Fax: (208) 323-5583; e-mail: jschurch@micron.net

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Analysis and Comparison of Residential Water Use per Customer with a Second Source for NPI Water Used for Household Irrigation

Book Area	Area with 2nd Source for NPI Water	Number of Customers	Total Water Use	Average Water Use/Customer
160	Yes	102	7,964	78.1
162	Yes	141	16,319	115.7
171	No	232	65,425	282.0
173	No	198	60,015	303.1
793	Yes	431	35,008	81.2
840	No	217	53,784	247.9

(1) Average Annual Water Use per Residential Customer for Customers with Access to a Secondary Source of NPI Water for Residential Irrigation..... 88.0

From Annual Billings for the residentail customers within United Water Idaho's "Book Areas" (Meter Reading Routes) # 160, 162, & 793 which consist primarily of new residential subdivisions with NPI water systems in addition to United Water Idaho's distribution system for potable water.

(2) Average Annual Water Use per Residential Customer for Customers without Access to NPI Water Sources for Residential Irrigation..... 277.0

From Annual Billings for the residentail customers within United Water Idaho's "Book Areas" (Meter Reading Routes) # 171, 173, & 840 which were determined to be established residential subdivisions that had been developed without access to NPI water sources for residential irrigation.

(3) Absolute Difference in Average Annual Water Use per Customer ..... (189.0)
(2) above minus (1)

(4) Residential Customer Water Use (with a 2nd Source for NPI Water) as a Percent of Residential Customer Water Use for Customers without access to NPI Water Sources..... 31.76%

Analysis of Residentail Water Use Reductions in United Water Idaho Planning Area
Due to Future Residentail Customer Growth with Available Second Source NPI Waters for Residentail Irrigation
2000 - 2050

United Water Service Area	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
Total Population	207,861	214,615	217,690	221,442	225,018	228,775	232,465	237,016	241,563	246,064	250,621	255,168	258,978
Pct of County	73.3%	73.3%	72.8%	72.3%	71.8%	71.3%	70.8%	70.5%	70.3%	70.1%	69.8%	69.6%	69.2%
United Water Service Area	**1999**	**2000**	**2001**	**2002**	**2003**	**2004**	**2005**	**2006**	**2007**	**2008**	**2009**	**2010**	**2011**
(1) Total Population	207,861	214,615	217,690	221,442	225,018	228,775	232,465	237,016	241,563	246,064	250,621	255,168	258,978
(2) Population in 2nd Source TAZs	22,201	22,923	23,635	24,438	25,241	26,083	26,939	27,903	28,888	29,887	30,915	31,962	33,160
(3) Population with Potential 2nd Source Water	22,201	22,923	23,635	24,438	25,241	26,083	26,939	27,903	28,888	29,887	30,915	31,962	33,160
(4) Cum. Chg. in Population (3): '00 - '50	0	721	1,434	2,236	3,039	3,882	4,737	5,702	6,686	7,686	8,713	9,760	10,958
(5) **(4) as a Pct of Total Population (1)**	0.0%	0.3%	0.7%	1.0%	1.4%	1.7%	2.0%	2.4%	2.8%	3.1%	3.5%	3.8%	4.2%
(6) Estimated Persons per Household	2.59	2.59	2.58	2.56	2.56	2.55	2.53	2.52	2.50	2.49	2.47	2.47	2.45
(7) Cum. Abs. Chg. in Hshlds: (4)/(5)	0	279	555	868	1,182	1,512	1,851	2,234	2,628	3,029	3,444	3,869	4,357
"New" Hshlds.Lower Water Use/Hshld. Due to 2nd Source Potential (7) * -189 CCF/1000.	0	(53)	(105)	(164)	(223)	(286)	(350)	(422)	(497)	(573)	(651)	(731)	(824)
Gallons x 1,000	0	(71)	(142)	(221)	(302)	(386)	(472)	(570)	(671)	(773)	(879)	(987)	(1,112)

United Water Service Area	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
Total Population	262,761	266,497	270,214	273,862	279,106	284,384	289,688	295,021	300,420	305,829	311,279	316,757	322,344
Pct of County	68.7%	68.3%	67.9%	67.5%	67.4%	67.4%	67.3%	67.3%	67.2%	67.2%	67.2%	67.1%	67.1%
United Water Service Area	**2012**	**2013**	**2014**	**2015**	**2016**	**2017**	**2018**	**2019**	**2020**	**2021**	**2022**	**2023**	**2024**
(1) Total Population	262,761	266,497	270,214	273,862	279,106	284,384	289,688	295,021	300,420	305,829	311,279	316,757	322,344
(2) Population in 2nd Source TAZs	34,385	35,635	36,915	38,216	39,052	39,896	40,749	41,610	42,486	43,367	44,258	45,159	46,079
(3) Population with Potential 2nd Source Water	34,385	35,635	36,915	38,216	39,052	39,896	40,749	41,610	42,486	43,367	44,258	45,159	46,079
(4) Cum. Chg. in Population (3): '00 - '50	12,184	13,434	14,713	16,015	16,851	17,695	18,548	19,409	20,284	21,166	22,057	22,958	23,878
(5) **(4) as a Pct of Total Population (1)**	4.6%	5.0%	5.4%	5.8%	6.0%	6.2%	6.4%	6.6%	6.8%	6.9%	7.1%	7.2%	7.4%
(6) Estimated Persons per Household	2.44	2.43	2.42	2.41	2.40	2.38	2.38	2.37	2.36	2.36	2.35	2.34	2.33
(7) Cum. Abs. Chg. in Hshlds: (4)/(5)	4,859	5,374	5,902	6,442	6,791	7,145	7,504	7,867	8,238	8,613	8,992	9,377	9,772
"New" Hshlds.Lower Water Use/Hshld. Due to 2nd Source Potential (7) * -189 CCF/1000.	(918)	(1,016)	(1,115)	(1,218)	(1,283)	(1,350)	(1,418)	(1,487)	(1,557)	(1,628)	(1,699)	(1,772)	(1,847)
Gallons x 1,000	(1,240)	(1,372)	(1,506)	(1,644)	(1,733)	(1,824)	(1,915)	(2,008)	(2,103)	(2,198)	(2,295)	(2,393)	(2,494)

B

APPENDIX B

APPENDIX B: MAP SHOWING UWID PLANNING AREA

(Large map prepared by COMPASS is provided separately)