

ARIZONA DEPARTMENT OF WATER RESOURCES
Statewide Water Conservation and Strategic Planning Division
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Jan Brewer
Governor

Herbert R. Guenther
Director

November 23, 2009

Dear Water Provider,

Thank you to those water providers who submitted a 2008 CWS Annual Water Use Report to the Arizona Department of Water Resources Community Water System Program (Drought Program). Based on the first three years of reported annual water use data, the Community Water System Program is excited to provide you with the enclosed summary of both your water use and the water use in your region (groundwater basin). The information provided each year is helpful for planning purposes and will enable the State to provide better regional assistance.

This summary includes reporting information for 2006-2008. You will see a NF (Not Filed) if a system did not report for a particular year. Regional information is provided based on your system's groundwater basin, which is displayed in grey on the next page. Please note that all water demand data are displayed in acre-feet (af). If there are errors in the data listed here for your system, please let us know.

Short and long-term drought conditions have rapidly worsened this past year. During the 2009 water year, precipitation was below 70% of average for most of the state. Nearly half of the state is currently in severe drought. The most recent Drought Monitor Report is attached and available online at <http://www.azwater.gov/AzDWR/StatewidePlanning/Drought/DroughtStatus.htm>. These monthly reports serve as an informational resource and planning tool for water managers. Proper planning for drought can greatly reduce its impacts on our natural resources, our economy, our quality of life and ability to provide water. Current drought conditions make it more important than ever for you to both implement and review your system's drought and conservation plans to ensure they are adequate. Also, consider reporting any observed drought impacts to Arizona DroughtWatch (online impact reporting system at <http://azdroughtwatch.org>). Your impact observations are critical to characterizing and monitoring changes in drought conditions across Arizona.

If you have any questions about this report and/or your reported water demand, please contact us at ecws@azwater.gov or 520-770-3809. This is our first year providing this annual demand summary. Therefore, we would especially like to hear your suggestions about what data you would like to see summarized, both for your individual system and for your region.

Sincerely,

A handwritten signature in black ink, appearing to read "KM", written over a horizontal line.

Kelly Mott Lacroix, Manager
Community Water System Program

ADWR is required by statute to provide a notice of noncompliance to local governing bodies in your area. Any community water systems that:

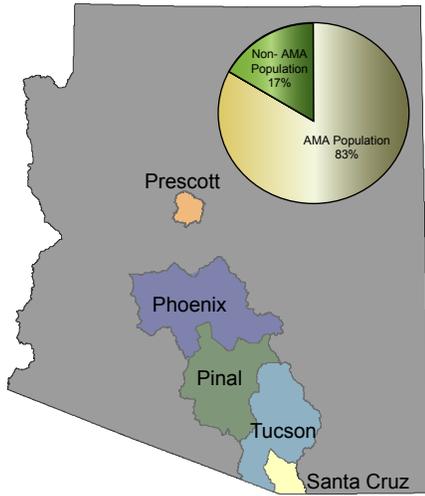
- 1) did not file a 2008 CWS Annual Water Use Report, or*
- 2) do not have a system water plan that meets requirements*

will be included in the notification if we do not receive the required information by December 15, 2009. If you have any questions regarding these requirements, please contact us.

Community Water Systems in the Little Colorado River Plateau Basin

2008 Annual Water Use Reporting Summary

For community water systems not regulated by Active Management Area programs



Arizona Active Management Areas and Population Served

Scope of water use represented

This summary includes data reported by community water systems located outside the state's active management areas (AMAs).* **Community water systems** are drinking water providers that serve 15 or more connections, or 25 or more people. Many of these providers also serve non-residential water users in addition to their residential customers.

Most community water systems located within the AMAs report to their respective AMA programs, and are not included in these filing statistics. The state's largest metropolitan areas lie within the AMAs.

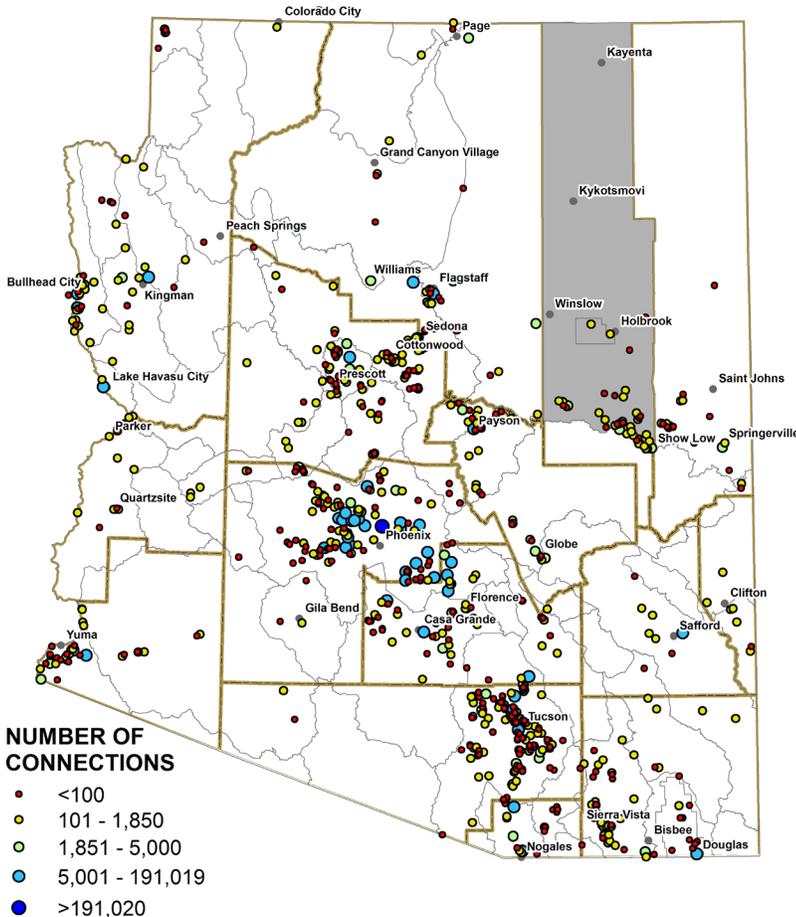
Although the population served outside the AMAs is smaller than within, there are a greater number of community water systems outside the AMAs.

Population Served and Community Water Systems in Arizona in 2008

	Outside AMAs	Inside AMAs
Community Water Systems	507	293
Population Served	1,014,700	5,079,800

Community Water Systems in Arizona by Number of Connections in 2008

(Your groundwater basin is shown in grey)



Statewide 367 community water systems not regulated by the AMAs, reported water use in 2008. This represents **92%** of the total population served outside of the AMAs*.

In the **Little Colorado River Basin**, Navajo County, 33 community water systems reported annual water demand in 2008. Of the reporting systems:

- 4,032.07 af were delivered to single family residences,
- 1,696.84 af to multi-family,
- 3,327.87 af to nonresidential
- 270 af to turf and
- 791 af to other nonresidential uses including other water systems.

*There are a few (91) small systems within the AMAs that use exempt wells and therefore do not have a service area right. These systems, although in an AMA, fall under the purview of ADWR's Community Water System Program.

Community Water Systems in the Little Colorado River Plateau Basin

Annual Water Demand for Community Water Systems in the Little Colorado River Plateau Basin, Navajo County in Acre-Feet¹

Facility	2006	2007	2008
303 DOMESTIC WTR IMPRO DISTRICT	2	3	2.6
A PETERSEN WATER CO	10	12	11.42
AMERICAN INDIAN CHRISTIAN	NF	NF	4.58
ASPC WINSLOW APACHE	NF	NF	NF
AZ WATER CO - LAKESIDE	792	898	842
AZ WATER CO - OVERGAARD	503	540	455
BLACK MESA RANGER DISTRICT	9	13	8.25
BOURDON RANCH ESTATES	7	9	6.35
BUCKSKIN ARTISTS COMMUNITY	65	57	58
CHAPARRAL PINES	13	14	11.3
CLAY SPRINGS DWID	43	45	43
COUNTRY LANE TRAILER PARK	NF	0.29	0.29
EL RANCHO GRANDE	22	22	22.7
HEBER DOMESTIC WID	138.89	144	130.26
HIGH COUNTRY PINES WATER	30	34	33
HOLBROOK, CITY OF	790	801	815.32
JOSEPH CITY UTILITY	NF	NF	NF
LAGUNA ESTATES	8	8	6.2
LINDEN TRAILS	NF	15	13
MT GLEN WS-LINDEN EAST	74	68	67
NAVAJO CO GOVT COMPLEX	64	NF	NF
PARK VALLEY - FOOLS HOLLOW	185	200	189
PINETOP WTR COM FACIL DISTRICT	468	478	NF
PINEVIEW LAND AND WATER CO	341	367	365.33
PONDEROSA WATER CO	484	592	628.5
PORTER CREEK DWID	25	27	22.52
PORTER MOUNTAIN DWID	16	19	18.43
RUNNING BEAR MOBIL RESORT	8	NF	NF
SHOW LOW, CITY OF	1485	1651	1521
SILVER WELL SERVICE CORP	50	56	54.44
SITGREAVES WATER CO	8	NF	NF
SKY-HI DOMESTIC IMP DIST	NF	18	NF
SNOWFLAKE, TOWN OF	1,416.29	1,621	1,351
SUMMER PINES WATER CO	36	35	27.5
SUN VALLEY UTILITIES CORP	54	52	40
SWEETWATER RANCH	21	36	55.9
TAYLOR, TOWN OF	871	973	961.8

¹ Includes water pumped from wells or diverted from streams. Does not include effluent reuse.
NF = Not Filed

Community Water Systems in the Little Colorado River Plateau Basin

Annual Water Demand for Community Water Systems in the Little Colorado River Plateau Basin, Navajo County in Acre-Feet (continued)¹

Facility	2006	2007	2008
THE PINES AT SHOWLOW MASTER PROP HOA INC	NF	NF	NF
TIMBERLAND ACRES	54	60	41
TIMBERLINE MOBILE HOME PK	23	23	23.23
WHITE MOUNTAIN LAKES EST	NF	144	NF
WHITE MOUNTAIN SUMMER HO	77	98.9	87.79
WHITE MOUNTAIN WATER CO	65	78	73
WINSLOW, CITY OF	1,744.25	2,806	2,703
WONDERLAND ACRES DWID	NF	38	NF
WOODRUFF DOMESTIC WTR CO	NF	NF	NF
TOTAL WATER DEMAND	10,002.43	12,056.19	10,693.91

¹ Includes water pumped from wells or diverted from streams. Does not include effluent reuse.
NF = Not Filed

Annual Gallons per Capita per Day (GPCD) for Community Water Systems in the Little Colorado River Plateau Basin, Navajo County¹

Facility	2006	2007	2008
303 DOMESTIC WTR IMPRO DI	24	36	31
A PETERSEN WATER CO	78	93	89
AMERICAN INDIAN CHRISTIAN	NF	NF	33
ASPC WINSLOW APACHE	NF	NF	NF
AZ WATER CO - LAKESIDE	69	78	73
AZ WATER CO - OVERGAARD	45	48	40
BLACK MESA RANGER DISTRICT	80	116	74
BOURDON RANCH ESTATES	68	87	62
BUCKSKIN ARTISTS COMMUNI	232	204	207
CHAPARRAL PINES	51	55	44
CLAY SPRINGS DWID	84	88	84
COUNTRY LANE TRAILER PARK	NF	1	1
EL RANCHO GRANDE	112	112	116
HEBER DOMESTIC WID	82	86	78
HIGH COUNTRY PINES WATER	54	61	59
HOLBROOK, CITY OF	133	135	137
JOSEPH CITY UTILITY	NF	NF	NF
LAGUNA ESTATES	88	88	68
LINDEN TRAILS	NF	67	58
MT GLEN WS-LINDEN EAST	96	88	87
NAVAJO CO GOVT COMPLEX	69	NF	NF
PARK VALLEY - FOOLS HOLLOW	79	85	81
PINETOP WTR COM FACIL DIS	116	119	NF

Community Water Systems in the Little Colorado River Plateau Basin

Annual Gallons per Capita per Day (GPCD) for Community Water Systems in the Little Colorado River Plateau Basin, Navajo County¹

Facility	2006	2007	2008
PINEVIEW LAND AND WATER C	89	96	96
PONDEROSA WATER CO	142	174	184
PORTER CREEK DWID	56	60	50
PORTER MOUNTAIN DWID	42	50	49
RUNNING BEAR MOBIL RESORT	48	NF	NF
SHOW LOW, CITY OF	139	155	143
SILVER WELL SERVICE CORP	57	64	62
SITGREAVES WATER CO	50	NF	NF
SKY-HI DOMESTIC IMP DIST	NF	58	0
SNOWFLAKE, TOWN OF	258	295	246
SUMMER PINES WATER CO	51	49	39
SUN VALLEY UTILITIES COR	168	162	124
SWEETWATER RANCH	234	402	624
TAYLOR, TOWN OF	259	290	286
THE PINES AT SHOWLOW MASTER PROP HOA INC	NF	NF	NF
TIMBERLAND ACRES	55	61	42
TIMBERLINE MOBILE HOME PK	59	59	59
WHITE MOUNTAIN LAKES EST	NF	86	NF
WHITE MOUNTAIN SUMMER HO	44	56	50
WHITE MOUNTAIN WATER CO	116	139	130
WINSLOW, CITY OF	154	247	238
WONDERLAND ACRES DWID	NF	80	NF
WOODRUFF DOMESTIC WTR CO	NF	NF	NF

¹ Based on water pumped from wells or diverted from streams. Does not include effluent reuse. GPCD is calculated by dividing annual demand (in gallons) by 365 and by the population served by the system.
 NF = Not Filed

Is there a NF (Not Filed) for your community water system?

Every year ADWR is required to provide notice of noncompliance for the systems that have not filed an annual water use report for that year or have not submitted a system water plan that meets requirements to those systems' local governing bodies (cities, towns and counties located within their service area).

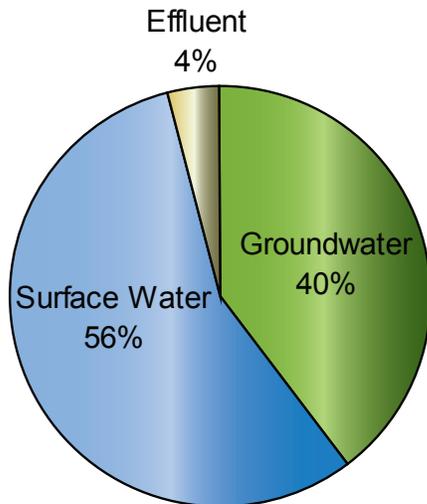
*One of the reasons we are sending this summary to you is to ensure that our records are correct **before** we send out the noncompliance notice for 2008. If there are errors in this report, or you need assistance with filing an annual report or system water plan, please contact Kelly Mott Lacroix at 520-770-3809 or send an e-mail to ecws@azwater.gov; we will be happy to help!*

Community Water Systems in the Little Colorado River Plateau Basin

Water Reuse

In the Little Colorado River Plateau Basin 10,162.61 af of effluent was generated by community water systems and 9,981.97 af was reused in 2008.

Statewide, approximately 264,000 af of effluent is reused or stored underground in Arizona each year, meeting 4% of Arizona's total water demand.*



Typical Statewide Water Demand by Water Type

*Statewide effluent use and demand by water type are from 2006, the most recent year for which statewide demand is available.

Metering Water Demand

In the Little Colorado River Plateau Basin 80% of reporting community water systems metered demand in 2008. Statewide, 76% of the systems outside of the AMAs metered water use.

To ensure effective water-resource planning, water providers and planners must have a clear understanding of water-use practices.

The best way to measure water use, including the amount produced (supply/demand) and amount delivered (use), is with water meters.

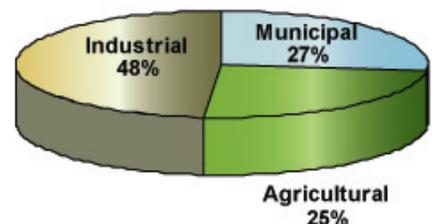
Metering is considered a good practice in water supply management because it encourages:

- Accurate accounting of water produced and delivered
- Calculation of unaccounted-for or lost water
- Enhanced detection of leaks and waterline breaks
- Charging for water based on actual use
- Identification of high water users who may need assistance in reducing overall water use
- Monitoring water system efficiency and potentially postponing the need for system expansion

Water Use in Your Basin 2001-2006 (Based on data from the Arizona Water Atlas)

Average annual water demand in the Little Colorado River Plateau Basin was 169,100 acre-feet between 2001-2006 including:

- 45,000 af of Municipal Demand*
- 82,400 af of Industrial Demand
- 41,700 af of Agricultural Demand



Of this, approximately 103,800 af was groundwater demand, 50,400 af was surface water demand and 14,900 af was effluent demand

Total **statewide** demand during 2001-2006 on average was 6.92 million acre-feet

*Municipal demand includes estimated demand from exempt wells as well as community water systems.



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ADWR encourages you to report drought impacts on AZDroughtWatch.org. See the enclosed insert for more information and start reporting today.