

Welcome

The meeting will begin shortly, in the meantime please:

- Keep your phone muted during the meeting
- If you have a question/comment type it in the chat box and it will be read and addressed during the Call to Public
- If you experience any technical difficulties, please contact ADWR Help Desk at 602-771-8444 or tickets@azwater.gov



Pinal AMA GUAC

January 30th, 2024



Meeting Agenda

1. Call to Order – Welcome & Introductions – Chair

2. Meeting Logistics – Nicholas Mason, ADWR

3. Water Management Assistance Program Updates

a. Review withdrawal fee rates and money collected in past five years, WMAP projects, and remaining balance – *Melissa Sikes, ADWR*

The Council will hear the status of the WMAP fund and current projects.

4. Supply and Demand Assessment Results – Collin Wogenstahl, ADWR

Collin will present the 2023 Supply and Demand assessment results

5. Drought Status Update – Maggie Martin, ADWR

Maggie will provide an annual drought status update

6. Governor’s Water Policy Council Update – Laney Meeker, ADWR

Laney will provide an update from the Governors water policy council

7. Community Water Systems Presentation – Amanda Overholt, ADWR

Amanda will present on community water systems

8. AMA Director Report – Natalie Mast, ADWR

Natalie will provide an update on ADWR activities & staffing

9. Call to the Council – Council

10. Call to the Public – Chair

11. Adjournment – Chair

Meeting Agenda

1. **Call to Order – Welcome & Introductions** – *Chair*

2. **Meeting Logistics** – *Nicholas Mason, ADWR*

3. **Water Management Assistance Program Updates**

a. Review withdrawal fee rates and money collected in past five years, WMAP projects, and remaining balance – *Melissa Sikes, ADWR*

The Council will hear the status of the WMAP fund and current projects.

4. **Supply and Demand Assessment Results** – *Collin Wogenstahl, ADWR*

Collin will present the 2023 Supply and Demand assessment results

5. **Drought Status Update** – *Maggie Martin, ADWR*

Maggie will provide an annual drought status update

6. **Governor’s Water Policy Council Update** – *Laney Meeker, ADWR*

Laney will provide an update from the Governors water policy council

7. **Community Water Systems Presentation** – *Amanda Overholt, ADWR*

Amanda will present on community water systems

8. **AMA Director Report** – *Natalie Mast, ADWR*

Natalie will provide an update on ADWR activities & staffing

9. **Call to the Council** – *Council*

10. **Call to the Public** – *Chair*

11. **Adjournment** – *Chair*

Meeting Logistics

- For guests joining online:
 - Please keep your phone muted during the meeting
- During the Call to Public people will have the option to speak to the Council
- This meeting is being recording and will be posted to ADWR's website
- With any technical difficulties please contact ADWR Help Desk at 602-771-8444 or tickets@azwater.gov



Meeting Agenda

1. Call to Order – Welcome & Introductions – *Chair*

2. Meeting Logistics – *Nicholas Mason, ADWR*

3. Water Management Assistance Program Updates

a. Review withdrawal fee rates and money collected in past five years, WMAP projects, and remaining balance – *Melissa Sikes, ADWR*

The Council will hear the status of the WMAP fund and current projects.

4. Supply and Demand Assessment Results – *Collin Wogenstahl, ADWR*

Collin will present the 2023 Supply and Demand assessment results

5. Drought Status Update – *Maggie Martin, ADWR*

Maggie will provide an annual drought status update

6. Governor’s Water Policy Council Update – *Laney Meeker, ADWR*

Laney will provide an update from the Governors water policy council

7. Community Water Systems Presentation – *Amanda Overholt, ADWR*

Amanda will present on community water systems

8. AMA Director Report – *Natalie Mast, ADWR*

Natalie will provide an update on ADWR activities & staffing

9. Call to the Council – *Council*

10. Call to the Public – *Chair*

11. Adjournment – *Chair*

PINAL ACTIVE MANAGEMENT AREA

Groundwater Withdrawal Information:

Year		2019	2020	2021	2022	2023	2024	2025
WMAP	Fee	\$0.50	\$0.65	\$0.65	\$0.65	\$0.65	\$0.65	Max. \$2.00
	Collected	\$237,100	\$348,640	\$335,336	\$361,411	N/A	N/A	
Water Bank / Irrigation Efficiency Fund (2020-2026)	Fee	\$2.50	\$2.35	\$2.35	\$2.35	\$2.35	\$2.35	Max. \$2.50
	Collected	\$1,185,502	\$1,250,433	\$1,175,064	\$1,282,875	N/A	N/A	
Admin & Enforcement	Fee	-	-	-	-	-	-	Max. \$1.00
	Collected	-	-	-	-	-	-	
Total	Fee	\$3.00	\$3.00	\$3.00	\$3.00	\$3.00	\$3.00	TBD
	Collected*	\$1,474,544	\$1,671,498	\$1,608,645	\$1,722,264	N/A	N/A	

Water Management Assistance Program Fund:
Current Balance: \$189,064
Encumbered/committed: \$180,000
Remaining Balance: \$9,064

Current WMAP Funded Projects

PROJECT NAME	DESCRIPTION	CONTRACT NUMBER	TOTAL FUNDING	REMAINING FUNDING	CONTRACT ENDS
Irrigation Management Service (IMS)	Provide on-site irrigation technical assistance, education & outreach to farmers in the Pinal AMA to increase irrigation efficiencies & promote water conservation.	2020-3161 IGA	\$120,000	\$30,000	4/30/2024
Natural Resources Education Center (NREC)	Educate children & adults on agriculture & water conservation in the Pinal NRCDs through a variety of hands-on activities and interactive field site.	2023-3174 IGA	\$30,000	\$30,000	10/31/2024
Pinal County Water Augmentation Authority	Support the development & augmentation of water resources for the benefit of all users in Pinal AMA	In Statute A.R.S. 45-1972(B)	Up to \$200,000	\$200,000	FY 2022-23

Groundwater Conservation Grant Projects

PROJECT NAME	DESCRIPTION	CONTRACT NUMBER	TOTAL FUNDING	REMAINING FUNDING	CONTRACT ENDS
Using Project-Based STEM Education to Enhance Groundwater Conservation in Pinal County Schools	Develop and deliver a new educational curriculum combining a thorough understanding of the groundwater system with opportunities to conserve tangible groundwater resources at schools within the Pinal AMA.	2020-3124	\$43,681	\$16,181	10/31/2024
Leak Detection Equipment Replacement Project - Pinal AMA	Purchase new leak detection equipment to replace current equipment. Leverage this project with its ESRI ArcGIS Field Rollout Project; The two projects work together to provide the most effective and comprehensive leak detection programs for Arizona Water Company water systems.	2020-3126	\$47,319	\$47,319	5/31/2026

Meeting Agenda

1. Call to Order – Welcome & Introductions – *Chair*

2. Meeting Logistics – *Nicholas Mason, ADWR*

3. Water Management Assistance Program Updates

a. Review withdrawal fee rates and money collected in past five years, WMAP projects, and remaining balance – *Melissa Sikes, ADWR*

The Council will hear the status of the WMAP fund and current projects.

4. **Supply and Demand Assessment Results** –*Collin Wogenstahl, ADWR*

Collin will present the 2023 Supply and Demand assessment results

5. **Drought Status Update** – *Maggie Martin, ADWR*

Maggie will provide an annual drought status update

6. **Governor’s Water Policy Council Update** – *Laney Meeker, ADWR*

Laney will provide an update from the Governors water policy council

7. **Community Water Systems Presentation** – *Amanda Overholt, ADWR*

Amanda will present on community water systems

8. **AMA Director Report** – *Natalie Mast, ADWR*

Natalie will provide an update on ADWR activities & staffing

9. **Call to the Council** – *Council*

10. **Call to the Public** – *Chair*

11. **Adjournment** – *Chair*

2023 Supply and Demand Assessment Results

Collin Wogenstahl, Statewide Demand Analyst
Pinal GUAC Meeting
January 30, 2024



Supply and Demand Focus

The supply and demand assessments seek to address the following questions:



What is the volume of water demand each year?

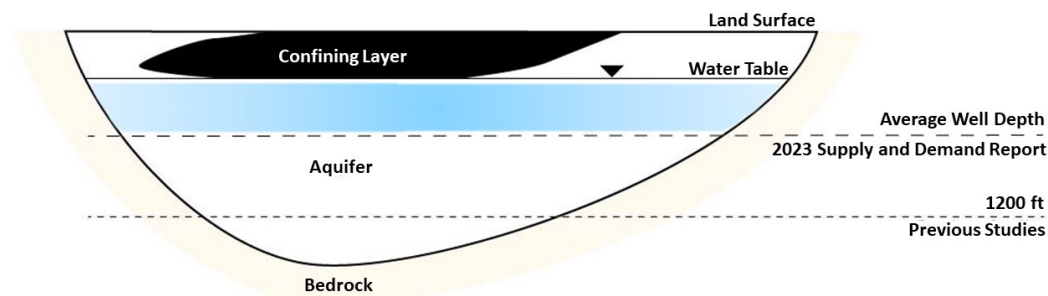


What is the volume of each water supply annually available to meet these demands?



Is there enough available supply to balance demand each year?

Data and Structure



- * Data Sources:
 - * Reported data
 - * Published groundwater models
 - * Data partnerships
 - * External databases
- * Estimation Methods:
 - * Established industry and literature methodologies
 - * Internal workflows
 - * Consultations with subject matter experts

Supply and Demand Sectors

- * **Agricultural**

- * **Industrial**

- * Turf
- * Dairy
- * Feedlots
- * Grazing
- * Mining
- * Power
- * Sand and Gravel
- * Other

- * **Municipal**

- * Residential Provider
- * Residential Non-Provider
- * Non-Residential
- * Lost & Unaccounted

- * **Supply**

- * Groundwater
- * Surface Water
- * Colorado River
- * Effluent



Projection Scenario Descriptions

Status quo: baseline water use was maintained throughout the projection period

Growth: water use was adjusted to account for growth within demand sectors

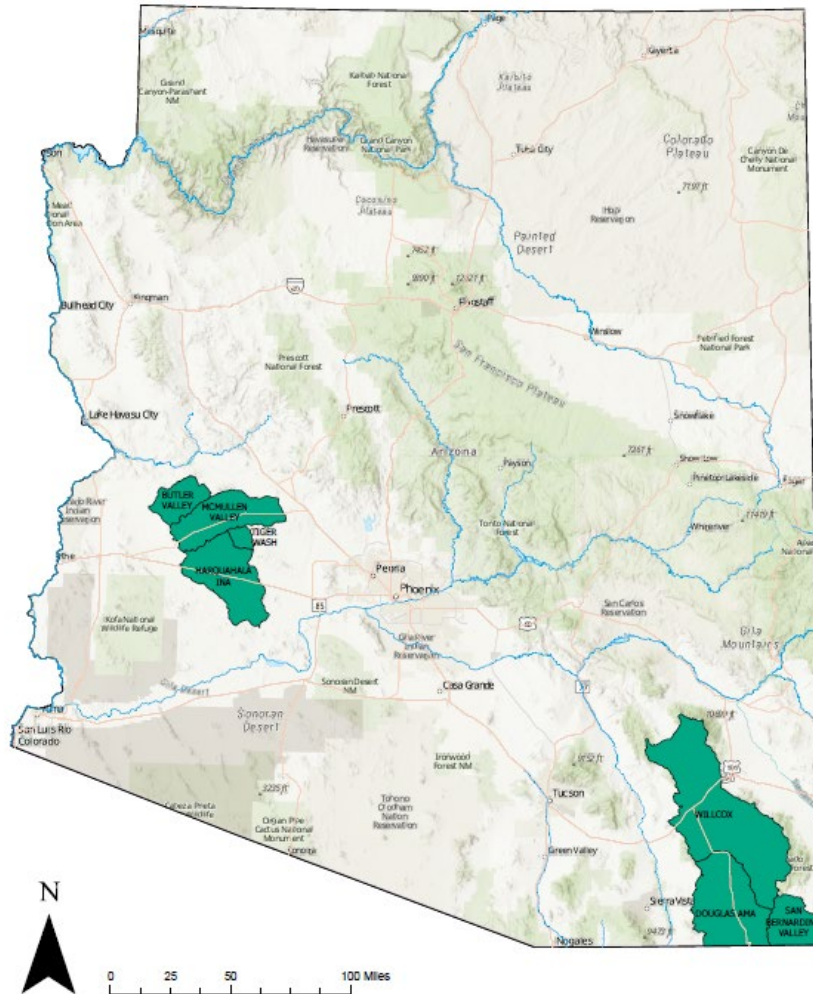
Conservation: water use was adjusted assuming the implementation of conservation practices

Technology: water use was adjusted to reflect the changing dynamics of specific sectors due to technological advancements

Climate: volumes were adjusted using a one-degree Fahrenheit temperature increase in the mean annual temperature for the projection period, following a lower emissions pathway for Arizona

2023 Results

2023 Groundwater Basins



West-Central Arizona Basins

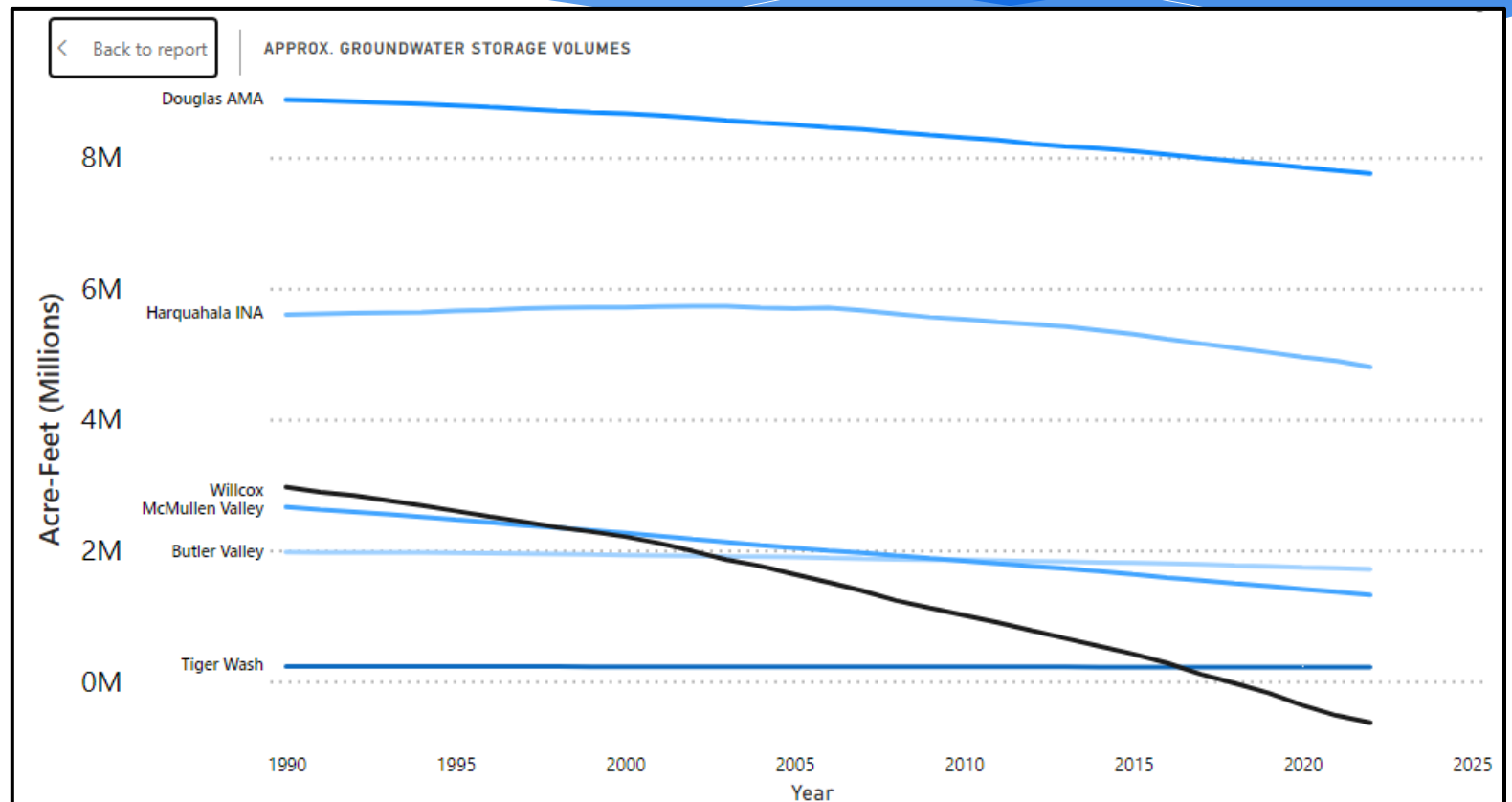
1. Harquahala INA
2. McMullen Valley Basin
3. Butler Valley Basin
4. Tiger Wash Basin

Southeastern Arizona Basins

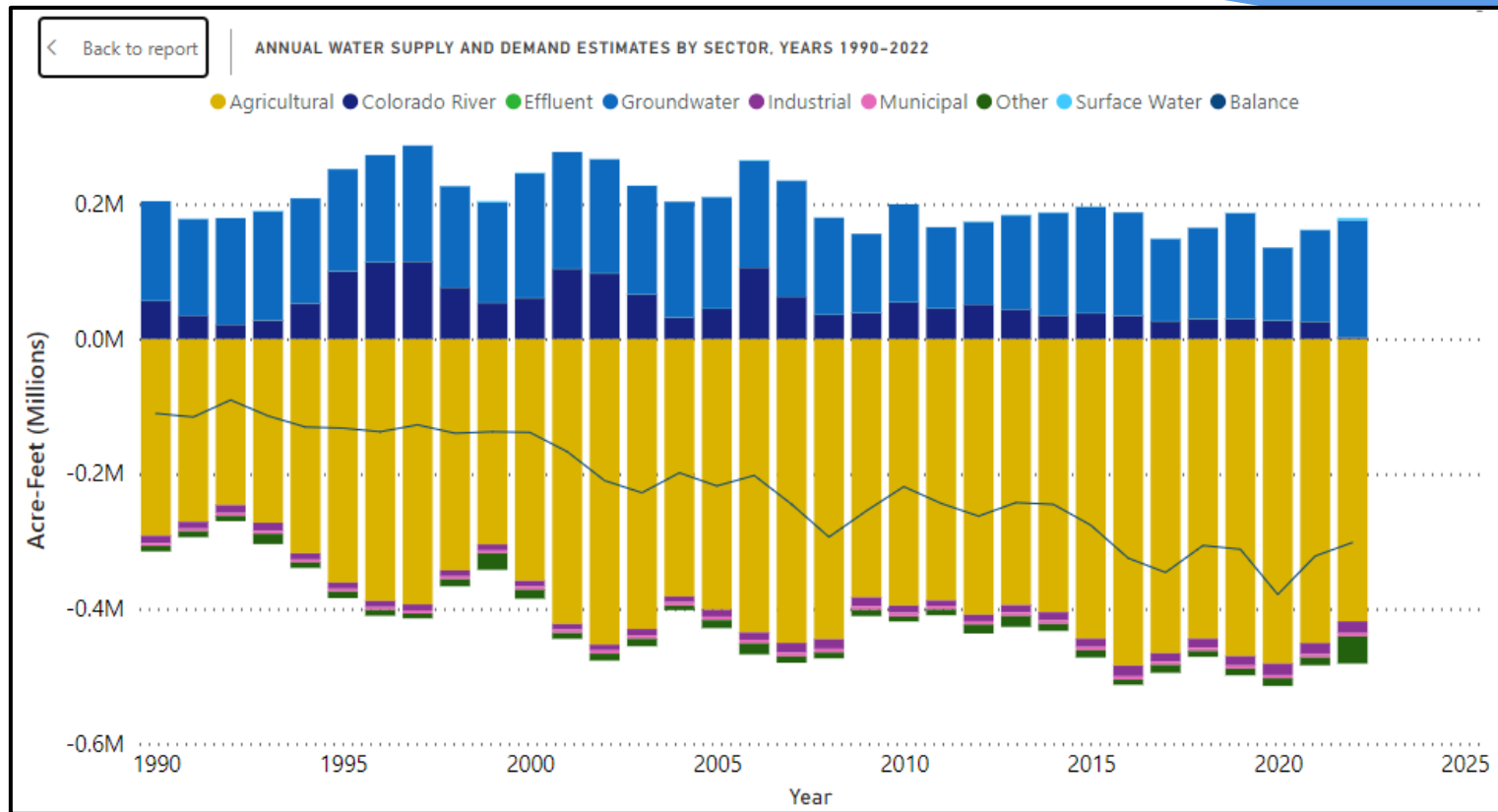
5. Douglas AMA
6. Willcox Basin
7. San Bernardino Valley Basin

Approximate Groundwater Storage Volumes (1990 – Present)

- Declines in groundwater storage overtime are shown here
- The most significant decline was in the Willcox Basin
- The Butler Valley, Douglas AMA, Harquahala INA, McMullen Valley, and Willcox basins are expected to have insufficient annual supply to meet yearly demand



Annual Water Supply and Demand by Sector (1990 – Present)

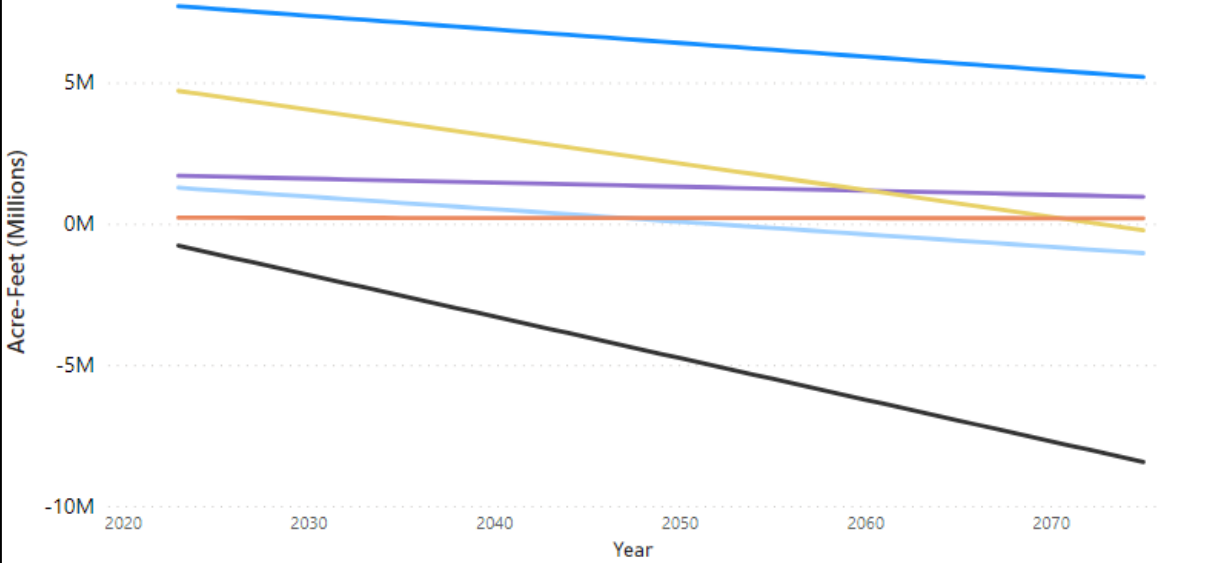


- More water is leaving than is being replenished in many of the basins
- Agricultural water use accounts for the majority of demand in the Douglas AMA, Willcox, McMullen Valley, Harquahala INA, and Butler Valley

Projection Scenario Results

Projections of Groundwater Storage Based on Chosen Scenario

Basin Code — Butler Valley — Douglas AMA — Harquahala INA — McMullen Valley — Tiger Wash — Willcox

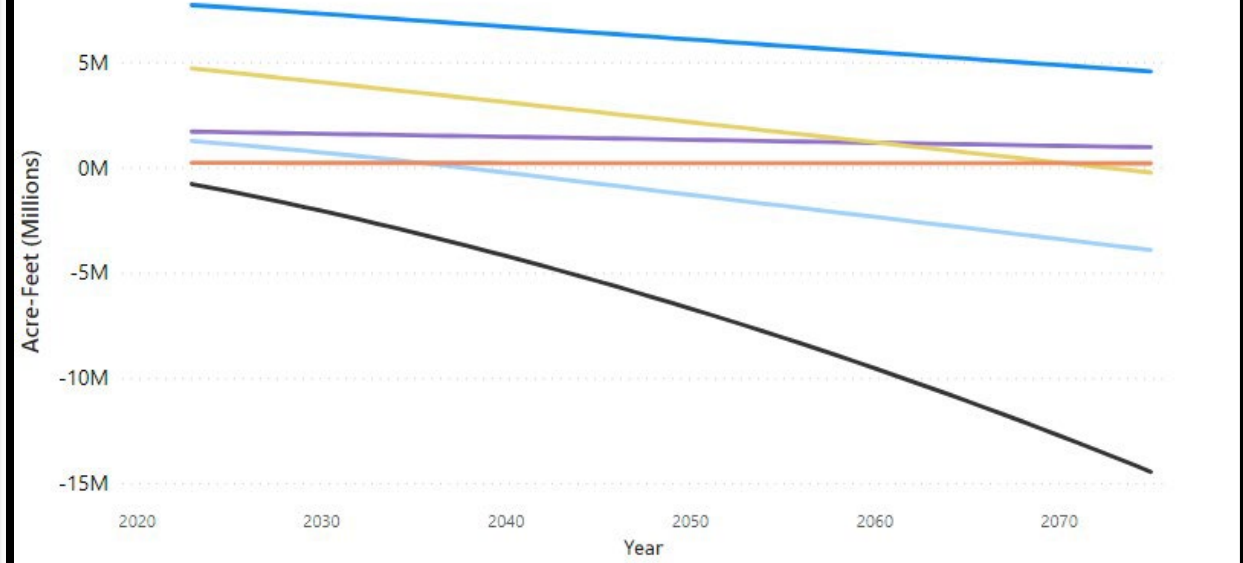


Butler Valley	Douglas AMA	Harquahala INA	McMullen Valley	Tiger Wash	Willcox
-756.51K	-2.56M	-5.03M	-2.36M	-21.43K	-7.81M

Status Quo

Projections of Groundwater Storage Based on Chosen Scenario

Basin Code — Butler Valley — Douglas AMA — Harquahala INA — McMullen Valley — Tiger Wash — Willcox



Butler Valley	Douglas AMA	Harquahala INA	McMullen Valley	Tiger Wash	Willcox
-756.51K	-3.20M	-5.04M	-5.24M	-21.44K	-13.82M

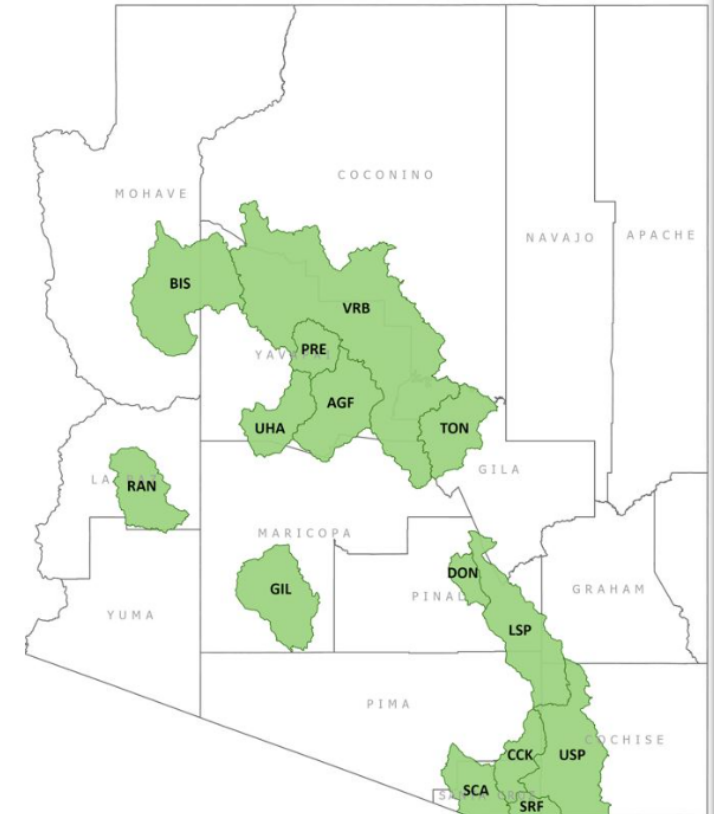
Growth

2024 Basin Selection

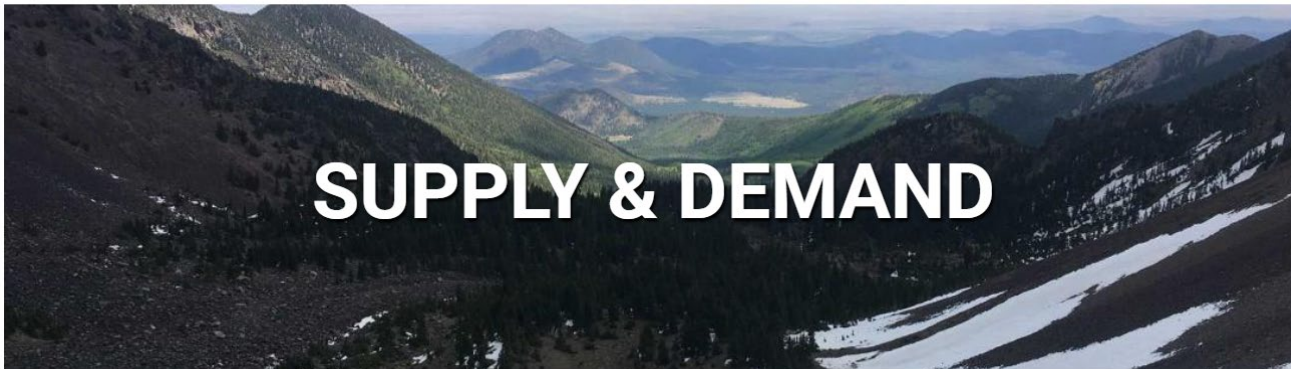
- Total number of Basins: **51**
- After the inaugural round of the reports, there are **44** remaining basins to complete by the end of 2027.
- An average of **11** basins assessed annually for the next four years, from 2024-2027.

2024 Basins

- Agua Fria (AGF)
- Big Sandy (BIS)
- Cienega Creek (CCK)
- Donnelly Wash (DON)
- Gila Bend (GIL)
- Lower San Pedro (LSP)
- Prescott AMA (PRE)
- Ranegras Plain (RAN)
- Santa Cruz AMA (SCA)
- San Rafael (SRF)
- Tonto Creek (TON)
- Upper Hassayampa (UHA)
- Upper San Pedro (USP)
- Verde River (VRB)



Supply & Demand Website



Overview

ADWR Data Disclaimer

Pursuant to A.R.S. 45-105(B)(14) ADWR is required to conduct a water supply and demand assessment of each groundwater basin in the state at least once every five years, with at least six assessments issued by December 1 of each calendar year. The purpose of these studies is not regulatory, but to improve our understanding of the current and future water conditions and to assist in future planning throughout the state. This information may also inform the distribution of water conservation grant funds.

The SDRs are structured as water budgets, focusing on total inflows and outflows at the basin scale. The SDRs are not groundwater flow models with finer geographic results, which are conducted by ADWR's Hydrology Division. To create the SDRs ADWR made reasonable efforts to obtain local or specific estimates, but in cases where water data was unavailable staff applied literature values or other types of averages and assumptions to create water use estimates.

- Hydrology
- Permitting and Wells
- AMAs
- Surface Water
- Drought
- Statewide Planning

* All reports and data can be accessed through the ADWR website at: <https://www.azwater.gov/supply-demand>

Questions?



Natalie Mast
AMA Director
602-771-4646
nlmast@azwater.gov

Collin Wogenstahl
Statewide Planning Manager
602-771-8540
cwogenstahl@azwater.gov

Meeting Agenda

1. Call to Order – Welcome & Introductions – *Chair*

2. Meeting Logistics – *Nicholas Mason, ADWR*

3. Water Management Assistance Program Updates

a. Review withdrawal fee rates and money collected in past five years, WMAP projects, and remaining balance – *Melissa Sikes, ADWR*

The Council will hear the status of the WMAP fund and current projects.

4. Supply and Demand Assessment Results – *Collin Wogenstahl, ADWR*

Collin will present the 2023 Supply and Demand assessment results

5. Drought Status Update – *Maggie Martin, ADWR*

Maggie will provide an annual drought status update

6. Governor’s Water Policy Council Update – *Laney Meeker, ADWR*

Laney will provide an update from the Governors water policy council

7. Community Water Systems Presentation – *Amanda Overholt, ADWR*

Amanda will present on community water systems

8. AMA Director Report – *Natalie Mast, ADWR*

Natalie will provide an update on ADWR activities & staffing

9. Call to the Council – *Council*

10. Call to the Public – *Chair*

11. Adjournment – *Chair*

Drought Status Update & ADWR Drought Program

Pinal AMA GUAC
January 30th, 2023

Maggie Martin
Drought Program Coordinator





ADWR Drought Program

- * 2003 Governor's Drought Taskforce
 - * Set framework for current ADWR Drought program
- * 2004 Drought Preparedness Operational Plan
 - * Set framework for drought preparedness in the state and drought working committees

Drought Interagency Coordinating Group

- * The Interagency Coordinating Group (ICG) is an advisory body to the governor on Arizona drought issues. Comprised of state, federal and non-governmental organizations, this group meets twice a year to evaluate drought conditions and consider recommendations to the governor.
- * Arizona has had a Drought Emergency Declaration ([PCA 99006](#)) in effect since June 1999 and a Drought Declaration ([Executive Order 2007-10](#)) has been in effect since May 2007.
- * The Drought Interagency Coordinating Group unanimously recommended that both drought declarations be kept in place.
- * The meeting agenda, summary, and presentations are posted on the [ADWR ICG webpage](#).
- * Next Meeting: May 2024, exact date TBD

Executive Order 2007-10 Drought Declaration For The State of Arizona

WHEREAS, Arizona is entering its second decade of a statewide drought due to long-term precipitation deficits and increased demand for water; and

WHEREAS, on June 23, 1999, Governor Hull declared a drought emergency (PCA 99006), which remains in effect today; and

WHEREAS, drought conditions continue to stress Arizona's resources and have had significant impacts on the citizens and commerce of the state, including increases in wild land fires, water supply shortages, vegetation and wildlife mortality, and economic losses in the ranching, agriculture and tourism sectors; and

WHEREAS, climate research has shown that although droughts lasting multiple decades are common in Arizona, they may be intensified by the effects of global climate change;

NOW, THEREFORE I, Governor Janet Napolitano, Governor of the State of Arizona, by virtue of the authority vested in me by the Constitution and laws of the state, do hereby determine that a continued declaration of drought is justified, and I hereby:

- Order continued implementation of the *Arizona Drought Preparedness Plan* and *State of Arizona Emergency Response and Recovery Plan*;
- Order the continued invocation of A.R.S. § 26-309 to provide mutual aid assistance to stricken areas of the state;
- Request assistance from the federal government for the appropriate federal disaster programs;
- Order state agencies to implement their water use reduction plans and assist in drought planning efforts across the state;
- Urge water facilities to develop and implement more aggressive drought and conservation plans and monitor water use; and
- Call upon citizens, businesses, schools, institutions of higher learning, local governments and federal agencies to increase water conservation efforts.

THIS ORDER supplements the directives in PCA 99006, which remains in effect. This Executive Order shall take effect immediately and shall remain in effect until such time as the Governor rescinds it.

Executive Order 2007-10
Page Two

IN WITNESS WHEREOF, I have hereunto set my hand and caused to be affixed the Great Seal of the State of Arizona.


GOVERNOR

DONE at the Capitol in Phoenix on this 12th day of May in the Year Two Thousand and Seven and of the Independence of the United States of America the Two Hundred and Thirty-First.

ATTEST:


SECRETARY OF STATE



Drought Monitoring Technical Committee

- * December 2023 Short-term Drought Status Discussion
- * October-December 2023 Long-term Drought Status Discussion - Erinanne Saffell - State Climatologist
- * Objective Weather and Climate Data - Mark O'Malley - National Weather Service
- * Agency Updates: SRP, ADWR Colorado River, ADWR Drought Index Wells...
- * Drought Related Impacts to Key Species on Pima County Conservation Lands - Ian Murray, Pima County
- * Next Meeting - April 2024, exact date TBD



Local Drought Impact Groups (LDIGs)

County-level groups that:

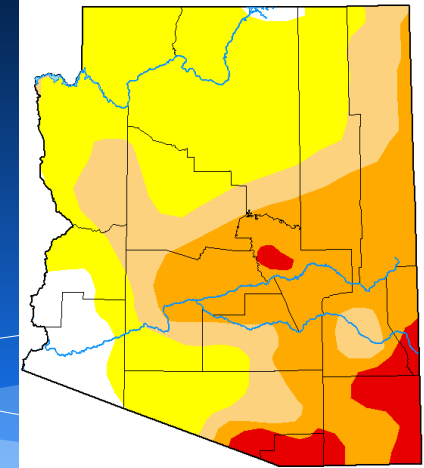
- * Coordinate drought public awareness
- * Provide impact assessment information to local and state leaders
- * Implement and initiate local mitigation and response options
- * Coordinated locally
 - * Currently only Pima LDIG

Pima Local Drought Impact Groups (LDIG)

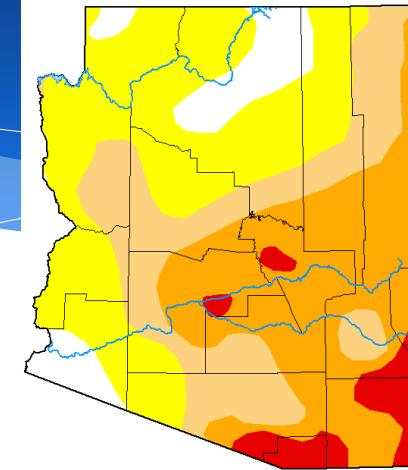
- * Active component of County operations since 2006 when the Board of Supervisors adopted the Drought Response Plan and Water Wasting Ordinance.
- * Consists of water providers and local, state and federal agencies that have an interest in the cause and effect of drought conditions in Pima County.
- * Since 2006, LDIG has explored the impacts of drought on various sectors in Pima County including:
 - * Agricultural water use
 - * Ranching
 - * Wildfire
 - * Hydrology
 - * Flooding



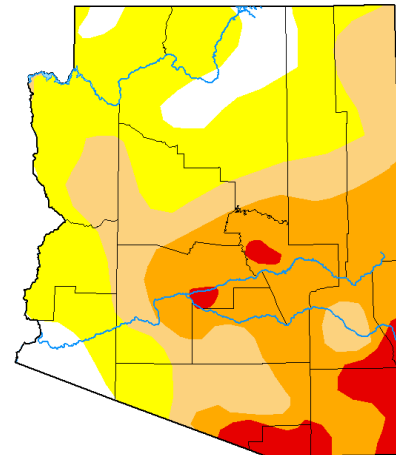
Monthly Short-Term Drought Status Maps Past 5 Months



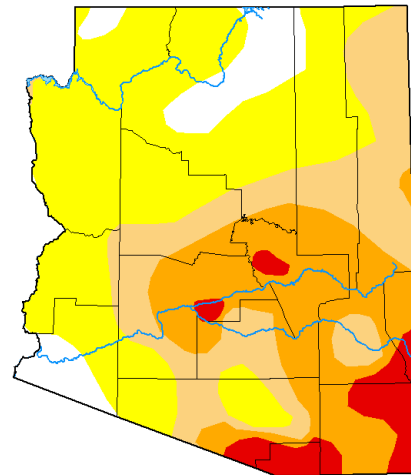
December 2023



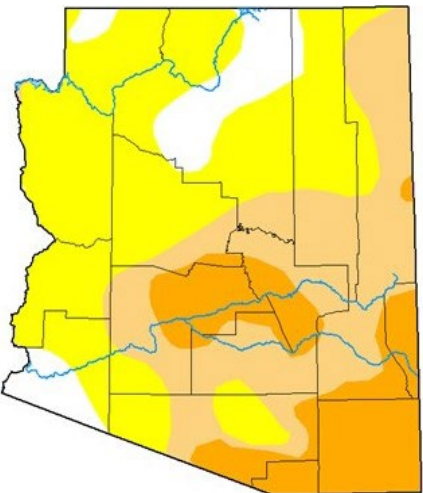
November 2023



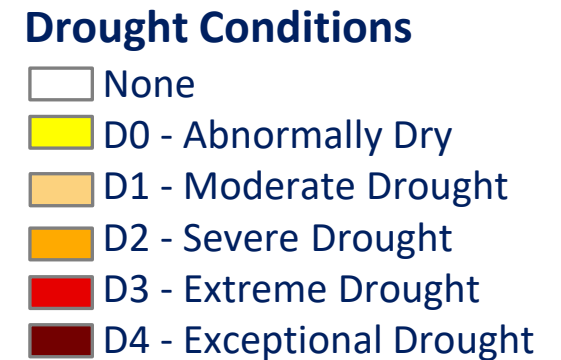
October 2023



September 2023

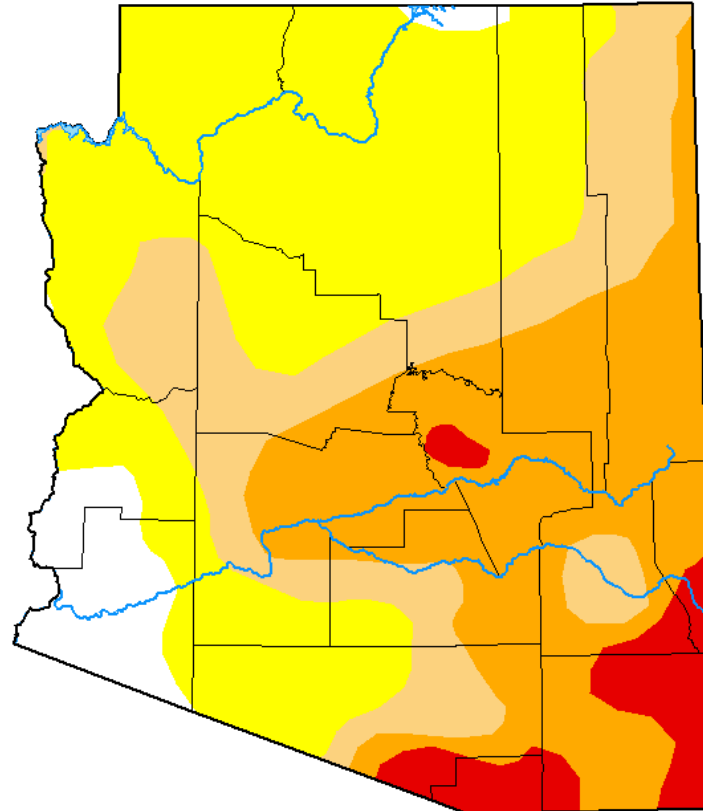


August 2023



Monthly Short-Term Drought Status December 2023

U.S. Drought Monitor Arizona



January 2, 2024

(Released Thursday, Jan. 4, 2024)

Valid 7 a.m. EST

Drought Conditions (Percent Area)

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	5.62	94.38	53.37	33.54	5.75	0.00
Last Week 12-26-2023	10.98	89.02	53.37	33.54	5.75	0.00
3 Months Ago 10-03-2023	8.12	91.88	50.63	28.02	6.09	0.00
Start of Calendar Year 01-02-2024	5.62	94.38	53.37	33.54	5.75	0.00
Start of Water Year 09-26-2023	8.12	91.88	47.06	22.74	5.34	0.00
One Year Ago 01-03-2023	12.40	87.60	38.94	7.85	0.00	0.00

Intensity:

None	D2 Severe Drought
D0 Abnormally Dry	D3 Extreme Drought
D1 Moderate Drought	D4 Exceptional Drought

The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. For more information on the Drought Monitor, go to <https://droughtmonitor.unl.edu/About.aspx>

Author:

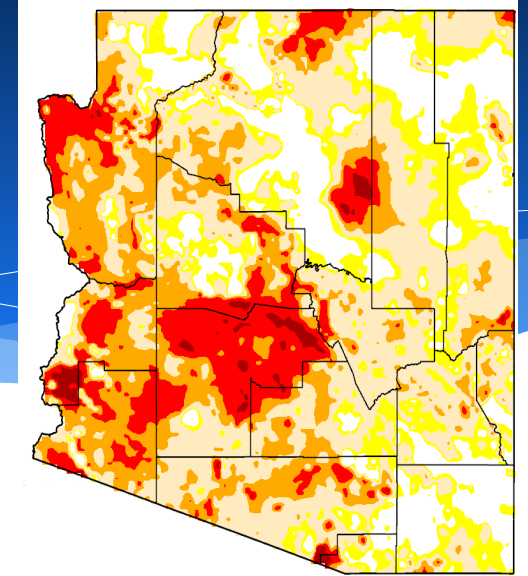
Lindsay Johnson
National Drought Mitigation Center



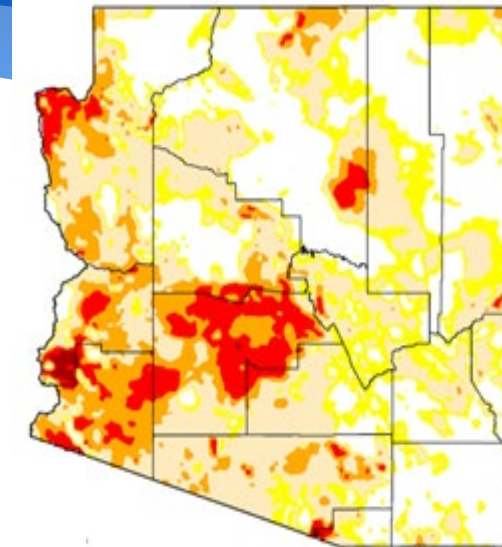
droughtmonitor.unl.edu

Quarterly Long-Term Drought Status Maps

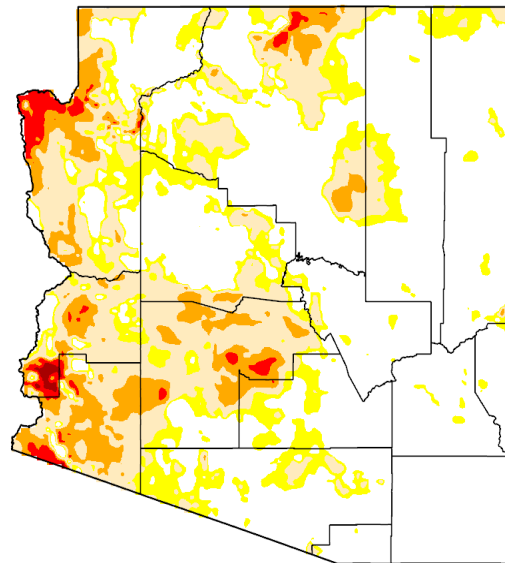
Oct-Dec 2023



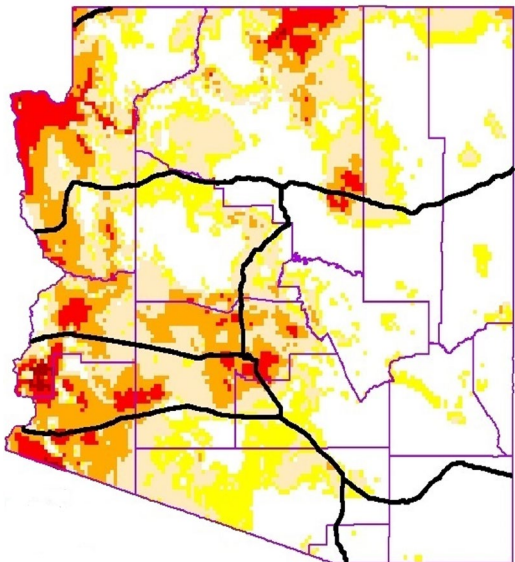
July-Sept 2023



Apr-June 2023



Jan-Mar 2023

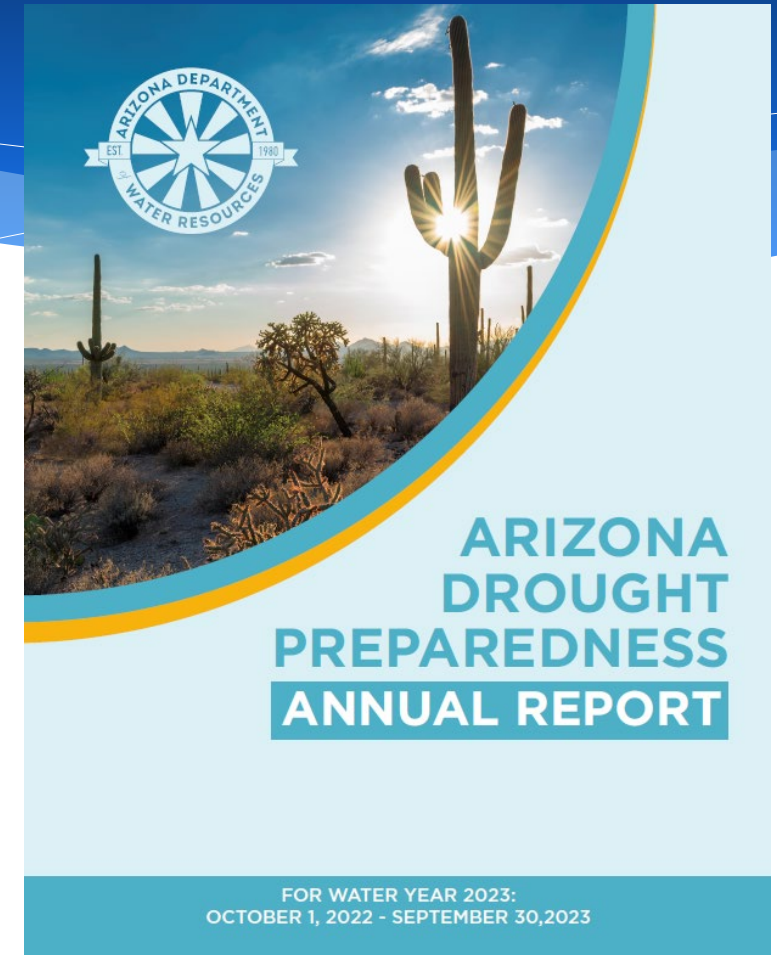


Drought Conditions

- None
- D0 - Abnormally Dry
- D1 - Moderate Drought
- D2 - Severe Drought
- D3 - Extreme Drought
- D4 - Exceptional Drought

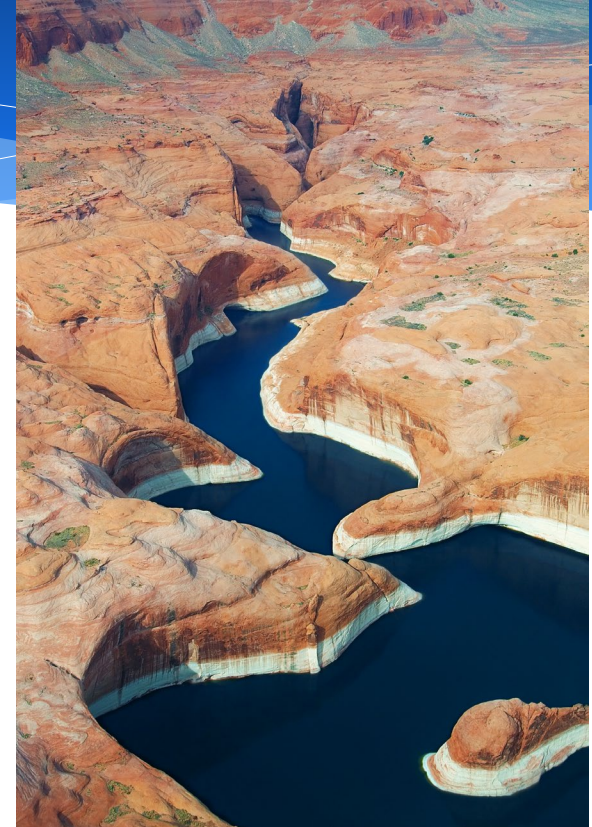
2023 Arizona Drought Preparedness Annual Report

- * The *Arizona Drought Preparedness Plan* was adopted in 2004 and its continued implementation as ordered in 2007 (Executive Order 2007-10).
- * ADWR prepares and annual report based on drought updates from the Drought Monitoring Technical Committee (MTC), Governor's Drought Interagency Coordinating Group (ICG), Local Drought Impact Groups (LDIGs), and others.
- * The *2023 Arizona Drought Preparedness Annual Report* covers the drought conditions and preparedness activities for Water Year 2023, from October 1, 2022, through September 30, 2023.



Collaborative Opportunities

- * Drought Monitoring Technical Committee (MTC): Join drought observations & reporting discussions
- * Create a Local Drought Impact Group (LDIG)
- * Stay Informed: Email distribution lists & AZ Drought Preparedness Annual Report



Drought Status Update & ADWR Drought Program

Thank you!

arizonadrought@azwater.gov

<https://new.azwater.gov/drought>

Maggie Martin
Drought Program Coordinator
mmartin@azwater.gov



Meeting Agenda

1. **Call to Order – Welcome & Introductions** – *Chair*

2. **Meeting Logistics** – *Nicholas Mason, ADWR*

3. **Water Management Assistance Program Updates**

a. Review withdrawal fee rates and money collected in past five years, WMAP projects, and remaining balance – *Melissa Sikes, ADWR*

The Council will hear the status of the WMAP fund and current projects.

4. **Supply and Demand Assessment Results** – *Collin Wogenstahl, ADWR*

Collin will present the 2023 Supply and Demand assessment results

5. **Drought Status Update** – *Maggie Martin, ADWR*

Maggie will provide an annual drought status update

6. **Governor’s Water Policy Council Update** – *Laney Meeker, ADWR*

Laney will provide an update from the Governors water policy council

7. **Community Water Systems Presentation** – *Amanda Overholt, ADWR*

Amanda will present on community water systems

8. **AMA Director Report** – *Natalie Mast, ADWR*

Natalie will provide an update on ADWR activities & staffing

9. **Call to the Council** – *Council*

10. **Call to the Public** – *Chair*

11. **Adjournment** – *Chair*

Governor's Water Policy Council

Updates



Governor's Water Policy Council Overview

- Established by Executive Order in January 2023 and first met in May 2023
- Comprised of a diverse group of stakeholders appointed by the Governor, including representatives from agriculture, water providers, Tribes, executive agencies, industry, conservation organizations, cities, businesses, universities, and the legislature
 - Chaired and staffed by ADWR
- Two committees were established:
 - Assured Water Supply Committee
 - Rural Groundwater Management Committee
- The Council and Committees met 20 times between May and November 2023
- Sent a list of five recommendations to the Governor on November 29, 2023

Council Focus Areas & Objectives

1. Review and make recommendations for changes to Assured Water Supply policies—legislatively, administratively, or by executive action—to address the challenges revealed by Assured Water Supply modeling projections, while continuing to:
 - strengthen the integrity of the Assured Water Supply program,
 - protect consumers and aquifers, and
 - ensure future growth is not reliant on mined groundwater.
2. Develop recommendations for a water management framework to assist rural Arizona communities to manage their groundwater resources.

Deadline: December 2023

Council Recommendations – Assured Water Supply

The Governor’s Water Policy Council sent the following recommendations to the Governor:

1. ADAWS - Draft new rules that will provide water providers a means to obtain a Designation of Assured Water Supply in AMAs, creating a pathway for water providers to grow incrementally on alternative supplies while reducing groundwater mining.
2. “Wildcat” Development - Through legislative action, close statutory loopholes associated with “wildcat” subdivisions, ensuring residents of these subdivisions are brought under the protections of the Assured Water Supply Program.
3. Build to Rent - Through legislative action, close statutory loopholes that allow the avoidance of Assured Water Supply Program requirements when constructing build-to-rent housing projects, ensuring residential lease communities are brought under the protections of the Assured Water Supply Program.

Council Recommendations – Rural Groundwater Management

The Governor's Water Policy Council sent the following recommendations to the Governor:

1. Rural Groundwater Management Areas - A foundational framework for creating Rural Groundwater Management Areas to fulfill the need for groundwater management programs in at-risk groundwater basins in rural Arizona, providing an opportunity for rural communities and water users to benefit from groundwater management and protection.
2. Measuring and Reporting - A non-regulatory program for ADWR to bolster the measuring and reporting of groundwater water use and monitoring of groundwater conditions throughout the state.

Recommendations – Next Steps

ADAWS

- *Rulemaking*
- ADWR drafting rules, to be shared soon
- ADWR to host informal stakeholder meetings, followed by rulemaking process

“Wildcat” Development

- *Legislation*
- ADWR working with legislators to pass legislation to meet Council recommendations

Built to Rent Development

- *Legislation*
- ADWR working with legislators to pass legislation to meet Council recommendations

Rural Groundwater Management Areas

- *Legislation*
- Governor’s Office working with legislators to introduce and pass legislation to establish RGMAs, following the outlined framework from the Council

Measuring and Reporting

- *Administrative*
- ADWR to begin investigating areas of data needs in the state and options to collect additional data in those locations

Contact Information

Bruce Hallin

Advisor to the Director (Council Lead)

bhallin@azwater.gov

Trent Blomberg

Council Coordinator

tblomberg@azwater.gov

Governor's Water Policy Council webpage:

www.azwater.gov/gwpc



Meeting Agenda

1. **Call to Order – Welcome & Introductions** – *Chair*

2. **Meeting Logistics** – *Nicholas Mason, ADWR*

3. **Water Management Assistance Program Updates**

a. Review withdrawal fee rates and money collected in past five years, WMAP projects, and remaining balance – *Melissa Sikes, ADWR*

The Council will hear the status of the WMAP fund and current projects.

4. **Supply and Demand Assessment Results** – *Collin Wogenstahl, ADWR*

Collin will present the 2023 Supply and Demand assessment results

5. **Drought Status Update** – *Maggie Martin, ADWR*

Maggie will provide an annual drought status update

6. **Governor’s Water Policy Council Update** – *Laney Meeker, ADWR*

Laney will provide an update from the Governors water policy council

7. **Community Water Systems Presentation** – *Amanda Overholt, ADWR*

Amanda will present on community water systems

8. **AMA Director Report** – *Natalie Mast, ADWR*

Natalie will provide an update on ADWR activities & staffing

9. **Call to the Council** – *Council*

10. **Call to the Public** – *Chair*

11. **Adjournment** – *Chair*

Community Water Systems

Reporting Overview



Amanda Overholt

*Community Water Systems Coordinator
Arizona Department of Water Resources*

What are Community Water Systems?

- A public water system that serves at least 15 service connections used by year-round residents of the area served, or that regularly serves at least 25 year-round residents (A.R.S 45-341).
- "Public water system" signifies an entity that distributes or sells water and that qualifies as a public water system under section 49-352, subsection B.
- Two categories of Community Water Systems:
 1. **Large** Community Water System: serves water to more than 1,850 people.
 2. **Small** Community Water System: serves water to 1,850 people or less.



Outside AMAs

- A Community Water System (CWS) that resides outside of an Active Management Area is subject to two (2) statutory CWS reporting requirements:
 1. System Water Plans
 2. Annual Reports
- These requirements are part of a larger set of recommendations made by the Governor's Drought Task Force in 2005. The reports and plans are intended to reduce Community Water Systems' vulnerability to drought and ensure that water providers are prepared to respond to drought or water shortage conditions



Inside AMAs

- A Community Water System that resides inside of an Active Management Area is subject to one (1) statutory CWS reporting requirement:
 1. System Water Plans
- Any AMA reporting requirements (annual reports, etc.) are to be submitted to the AMA team.

❖ Exceptions:

- Any community water system inside an AMA with an **exempt well** (pumps less than 35 gpm) is required to submit an annual report to the **CWS program**, not the AMA team.



System Water Plans

- * System Water Plans (SWPs) are due every five (5) years on January 1st for all Community Water Systems, inside and outside of AMAs.
- * Large systems and Small systems are due on staggering years.
 - * For example, the last system water plan updates were due on January 1, 2022, for Large systems and January 1, 2023, for Small systems.

- System Water Plans consist of three (3) parts:

1. Part I: Water Supply Plan
2. Part II: Drought Preparedness Plan
3. Part III: Water Conservation Plan



System Water Plans

- ***Exemptions:**
 - CWSs with an AAWS designation are exempt from Part I.
 - CWSs with an ACC curtailment tariff are exempt from Part II.
 - Some systems within the AMAs may be exempt

Entity Type		Water Supply Plan	Drought Preparedness Plan	Water Conservation Plan
Inside an AMA				
Small Municipal Water Provider	<i>with designated Assured Water Supply</i>	exempt	X	X
	<i>with petition to ADWR prior to the due date of their five-year Updated System Water Plan that demonstrates it will be regulated as a Large Municipal Provider prior to that due date.</i>	X	X	exempt
	<i>without an Assured Water Supply or petition</i>	X	X	X
Large Municipal Water Provider	<i>with designated Assured Water Supply</i>	exempt	X	exempt
	<i>without designated Assured Water Supply</i>	X	X	exempt
Outside an AMA				
All Community Water Systems*		X	X	X



System Water Plans

* Process:

1. Reminder letters are sent 6 months prior to SWP being due.
2. SWP is received on or before due date and determination is made based on information provided by customer (approved or not approved).
3. If approved, customer will be sent a letter of approval stating the SWP submitted meets the legislative requirements.
4. If not approved, customer will be sent a notification letter containing the necessary documents and instructions to meet legislative requirements within 120 days.
5. If the system did not file a SWP by the due date, a failure to file letter will be sent, notifying the customer to submit their SWP within 60 days.
6. Before the end of the year, notification letters will be sent to the governing bodies of the noncompliant systems to inform them of the failure to file.



Annual Reports

- * Annual reports are due for all systems outside of the AMAs on June 1st of every year.
- * This also includes systems within the AMAs with an exempt well(s).

- Parts:

1. Water Withdrawn (groundwater users)
2. Water Diverted (surface water users)
3. Water Received from Other Water Systems
4. Water Delivered to Other Water Systems
5. Water Delivered to Customers (required for ALL systems)
6. Effluent Use
7. Storage Facilities



- Water usage can be estimated if a system does not have meters.



AMA Reporting

For all AMA inquiries, please reach out to:

Email: earp@azwater.gov

Phone: 602-771-8585

Questions?

Amanda Overholt
CWS Coordinator

Phone: 602-771-8610

Email: ecws@azwater.gov

Website: www.azwater.gov

Twitter: [@azwater](https://twitter.com/azwater)



PROTECTING
ARIZONA'S WATER SUPPLIES
for **CURRENT & FUTURE GENERATIONS**

Meeting Agenda

1. Call to Order – Welcome & Introductions – *Chair*

2. Meeting Logistics – *Nicholas Mason, ADWR*

3. Water Management Assistance Program Updates

a. Review withdrawal fee rates and money collected in past five years, WMAP projects, and remaining balance – *Melissa Sikes, ADWR*

The Council will hear the status of the WMAP fund and current projects.

4. Supply and Demand Assessment Results – *Collin Wogenstahl, ADWR*

Collin will present the 2023 Supply and Demand assessment results

5. Drought Status Update – *Maggie Martin, ADWR*

Maggie will provide an annual drought status update

6. Governor’s Water Policy Council Update – *Laney Meeker, ADWR*

Laney will provide an update from the Governors water policy council

7. Community Water Systems Presentation – *Amanda Overholt, ADWR*

Amanda will present on community water systems

8. AMA Director Report – *Natalie Mast, ADWR*

Natalie will provide an update on ADWR activities & staffing

9. Call to the Council – *Council*

10. Call to the Public – *Chair*

11. Adjournment – *Chair*

Meeting Agenda

1. **Call to Order – Welcome & Introductions** – *Chair*

2. **Meeting Logistics** – *Nicholas Mason, ADWR*

3. **Water Management Assistance Program Updates**

a. Review withdrawal fee rates and money collected in past five years, WMAP projects, and remaining balance – *Melissa Sikes, ADWR*

The Council will hear the status of the WMAP fund and current projects.

4. **Supply and Demand Assessment Results** – *Collin Wogenstahl, ADWR*

Collin will present the 2023 Supply and Demand assessment results

5. **Drought Status Update** – *Maggie Martin, ADWR*

Maggie will provide an annual drought status update

6. **Governor’s Water Policy Council Update** – *Laney Meeker, ADWR*

Laney will provide an update from the Governors water policy council

7. **Community Water Systems Presentation** – *Amanda Overholt, ADWR*

Amanda will present on community water systems

8. **AMA Director Report** – *Natalie Mast, ADWR*

Natalie will provide an update on ADWR activities & staffing

9. **Call to the Council** – *Council*

10. **Call to the Public** – *Chair*

11. **Adjournment** – *Chair*

Meeting Agenda

1. **Call to Order – Welcome & Introductions** – *Chair*

2. **Meeting Logistics** – *Nicholas Mason, ADWR*

3. **Water Management Assistance Program Updates**

a. Review withdrawal fee rates and money collected in past five years, WMAP projects, and remaining balance – *Melissa Sikes, ADWR*

The Council will hear the status of the WMAP fund and current projects.

4. **Supply and Demand Assessment Results** – *Collin Wogenstahl, ADWR*

Collin will present the 2023 Supply and Demand assessment results

5. **Drought Status Update** – *Maggie Martin, ADWR*

Maggie will provide an annual drought status update

6. **Governor’s Water Policy Council Update** – *Laney Meeker, ADWR*

Laney will provide an update from the Governors water policy council

7. **Community Water Systems Presentation** – *Amanda Overholt, ADWR*

Amanda will present on community water systems

8. **AMA Director Report** – *Natalie Mast, ADWR*

Natalie will provide an update on ADWR activities & staffing

9. **Call to the Council** – *Council*

10. **Call to the Public** – *Chair*

11. **Adjournment** – *Chair*

Meeting Agenda

1. **Call to Order – Welcome & Introductions** – *Chair*

2. **Meeting Logistics** – *Nicholas Mason, ADWR*

3. **Water Management Assistance Program Updates**

a. Review withdrawal fee rates and money collected in past five years, WMAP projects, and remaining balance – *Melissa Sikes, ADWR*

The Council will hear the status of the WMAP fund and current projects.

4. **Supply and Demand Assessment Results** – *Collin Wogenstahl, ADWR*

Collin will present the 2023 Supply and Demand assessment results

5. **Drought Status Update** – *Maggie Martin, ADWR*

Maggie will provide an annual drought status update

6. **Governor’s Water Policy Council Update** – *Laney Meeker, ADWR*

Laney will provide an update from the Governors water policy council

7. **Community Water Systems Presentation** – *Amanda Overholt, ADWR*

Amanda will present on community water systems

8. **AMA Director Report** – *Natalie Mast, ADWR*

Natalie will provide an update on ADWR activities & staffing

9. **Call to the Council** – *Council*

10. **Call to the Public** – *Chair*

11. **Adjournment** – *Chair*