



# Report on 2022 Water Diversions and 2023 Water Operations

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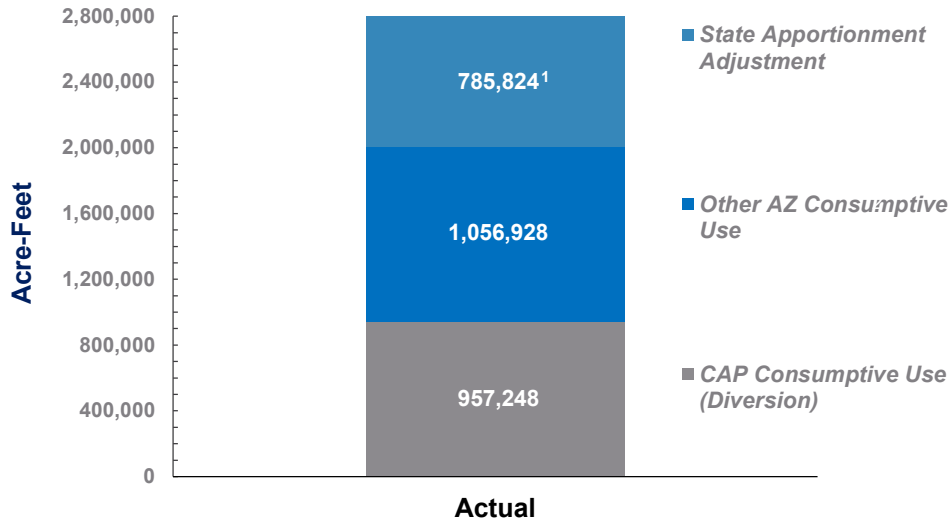
## Report on Water Operations

- Report on 2022 Colorado River Diversion
- Report on 2023 CAP Operations
- Lake Pleasant Elevations
- Recharge Operations
- Water Quality Update
- Maintenance Activities



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### 2022 Arizona Decree Accounting Summary



**Notes**

1. Includes 838,665 Acre-Feet reduction for shortage, DCP Contribution, system conservation, GRIC ICS creation and delivery of 52,841 Acre-Feet of CAWCD ICS

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Arizona Lake Mead Shortage Reductions, DCP Contribution Volumes, and Related Conservation Actions	ICS <sup>1</sup>	2019 <sup>2</sup> (ac-ft)	2020 <sup>3</sup> (ac-ft)	2021 Tier 0 (ac-ft)	2022 Tier 1 (ac-ft)
Arizona Shortage Reduction	Arizona Shortage per 2007 Guidelines				320,000
	Shortage Sub-Total				320,000
Arizona LBDPCP (Tier 0 and 1: 192k ac-ft)	CAWCD EC ICS Creation	EC ICS 24,283	44,310 <sup>6</sup>		
	CAWCD Compensated Conservation	EC ICS 3,124 <sup>6,7</sup>			
	CAWCD DCP ICS Creation	DCP ICS		48,296	57,061
	CAWCD Reductions <sup>8</sup>	119,942	133,174	155,096	134,939
	<b>LBDPCP Total</b>	<b>144,225</b>	<b>180,608</b>	<b>203,392</b>	<b>192,000</b>
CAWCD Voluntary Conservation	CAWCD EC ICS Creation	EC ICS		6,147	
	CAWCD Sub-Contractor Conservation				87,794
	ICS Preservation Program CAP Compensated Conservation - Federal			6,147	87,794
	<b>CAWCD Voluntary Sub-Total</b>			<b>6,147</b>	<b>87,794</b>
	<b>CAWCD Total</b>	<b>144,225</b>	<b>180,608</b>	<b>209,539</b>	<b>599,794</b>
Arizona DCP Mitigation Offset (400k ac-ft total)	GRIC - Reclamation	EC ICS 100,000			
	GRIC - AWBA	EC ICS 17,000	33,000		
	GRIC	EC ICS	50,000	40,000	
	CRIT System Conservation		50,000	50,000	50,000
	<b>Offset Total</b>	<b>117,000</b>	<b>133,000</b>	<b>90,000</b>	<b>50,000</b>
Reclamation DCP	FMYN System Conservation		10,000	13,933	13,933
	MVIDD System Conservation		6,137	6,925	
	GRIC System Conservation			40,000	58,837
	CRIT System Conservation			4,685	4,685
	242 Wellfield Expansion			8,813	14,665
	<b>Reclamation Total</b>	<b>0</b>	<b>16,137</b>	<b>74,356</b>	<b>92,120</b>
Additional Arizona ICS and System Conservation Creation	CRIT	EC ICS 6,274	3,736		
	GRIC	EC ICS			78,565
	MVIDD System Conservation				9,531
	YMIDD System Conservation				8,523
	GRIC System Conservation				
	<b>Additional ICS Total</b>	<b>6,274</b>	<b>3,736</b>	<b>0</b>	<b>96,619</b>
Pilot System Conservation Program (PSCP)	Bullhead City		306	349	132
	CRIT		26,805		
	FMYN		13,683		
	<b>PSCP Total</b>	<b>40,794</b>	<b>349</b>	<b>369</b>	<b>132</b>
<b>Total Arizona Lake Mead Contributions</b>		<b>308,293</b>	<b>333,830</b>	<b>374,264</b>	<b>838,665</b>

Programs that are part of the 500+ Plan

## Lake Mead Contributions

**Notes:**

<sup>1</sup> ICS Volumes reflect creation volumes contributed to Lake Mead and do not reflect account balances after losses and assessments.

<sup>2</sup> 2019 reflects proactive actions prior to DCP execution and full implementation in 2020.

<sup>3</sup> 2020 reflects the first full year of DCP implementation of Lake Mead contributions and related actions.

<sup>4</sup> Values reflect estimated volumes, subject to final accounting.

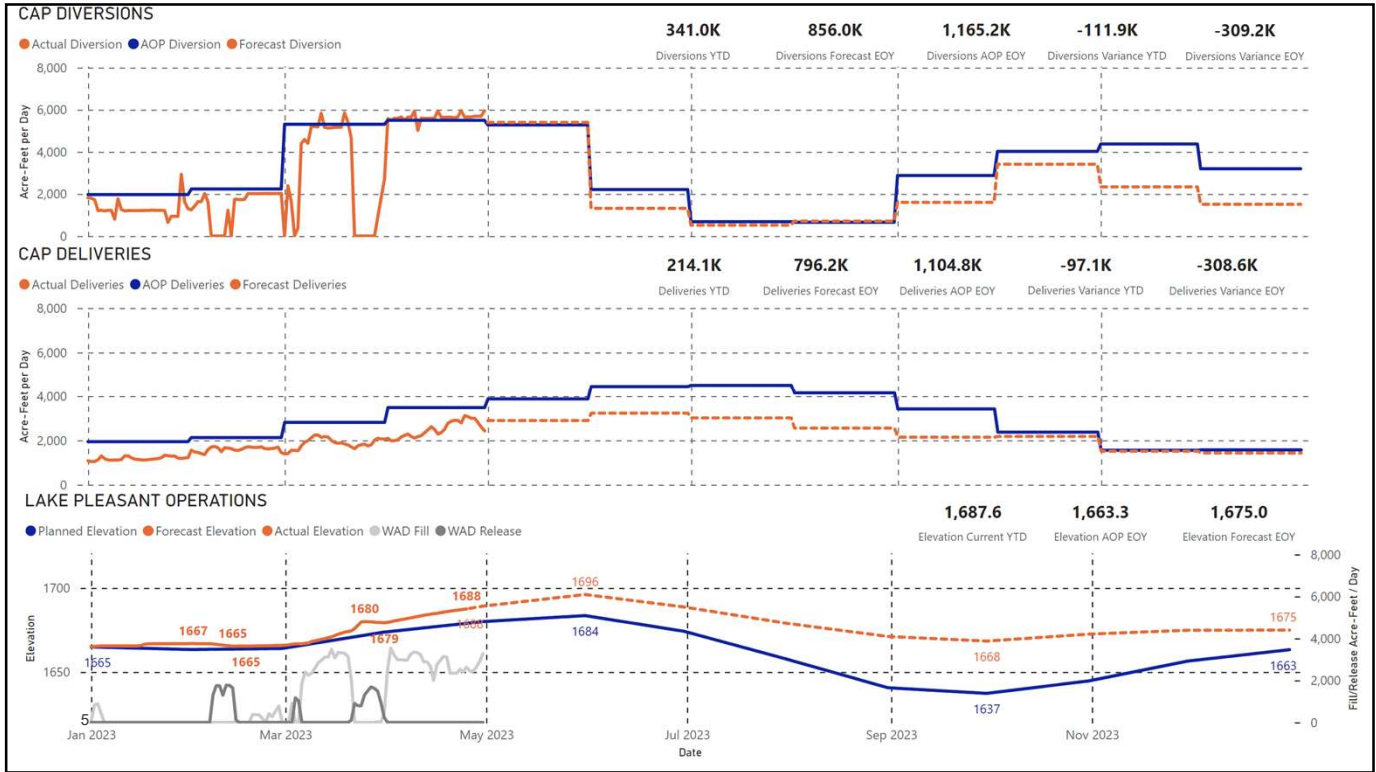
<sup>5</sup> Includes pending and projected projects and subject to creation and accumulation limits.

<sup>6</sup> Actual Jan. 1 Lake Mead elevation was above 1,090'; therefore, this ICS will remain as EC ICS (LBOps III.E.3).

<sup>7</sup> 3,500 AF was conserved per the agreement between CAWCD and MDWID; per history of use provisions in ICS Exhibit R, 3,124 AF counts as ICS creation.



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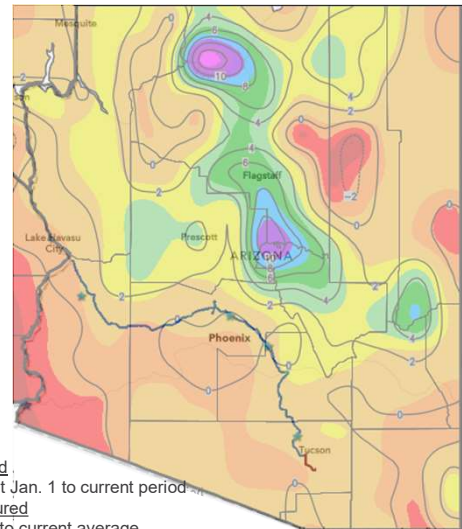


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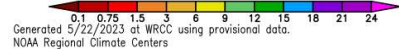
# Service Area Hydrology

- Significant Precipitation
- Lake Pleasant runoff— 120,000 AF
- Lake Alamo runoff— 100,000 AF

Precipitation w/Averages (in.)  
1/1/2023 – 5/21/2023



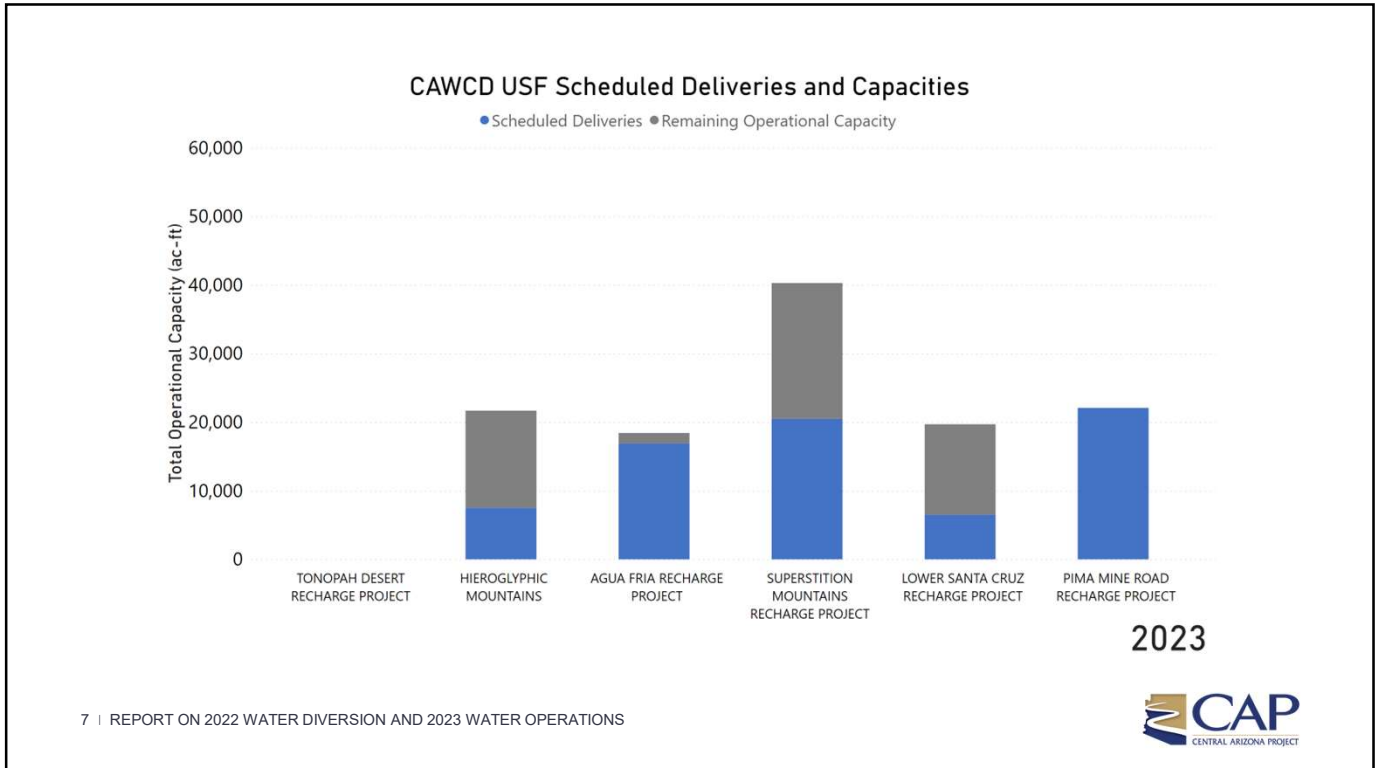
Shaded  
Current Jan. 1 to current period  
Contoured  
Jan. 1 to current average



Generated 5/22/2023 at WRCC using provisional data.  
NOAA Regional Climate Centers



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## Water Quality Update

- Significant inflow to Alamo
- Multiple agencies coordinating
- Releases started on Mar 20<sup>th</sup>
- Stopped Pumping at MWP
- Published the 2022 Water Quality Report.



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# Maintenance Activities

## Completed Work

- Ten West 500kV Line
- MWP Fire Protection KW1A
- Check 37 Gate Refurbishment
- LHQ Rotor Repair

## Upcoming Work

- Summer Outage June 19th – August 31<sup>st</sup>
- MWP Left Plant Suction Tube Reline
- (2) Unit Overhauls
- Discharge Valve Replacements
- Fall Outage October 16<sup>th</sup>– November 20<sup>th</sup>



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