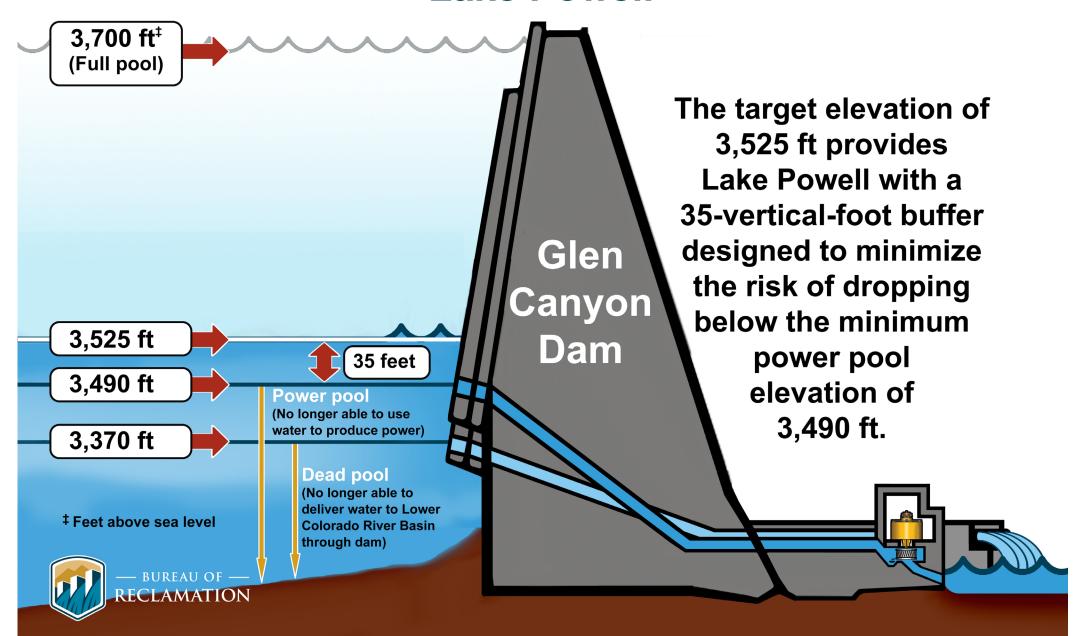
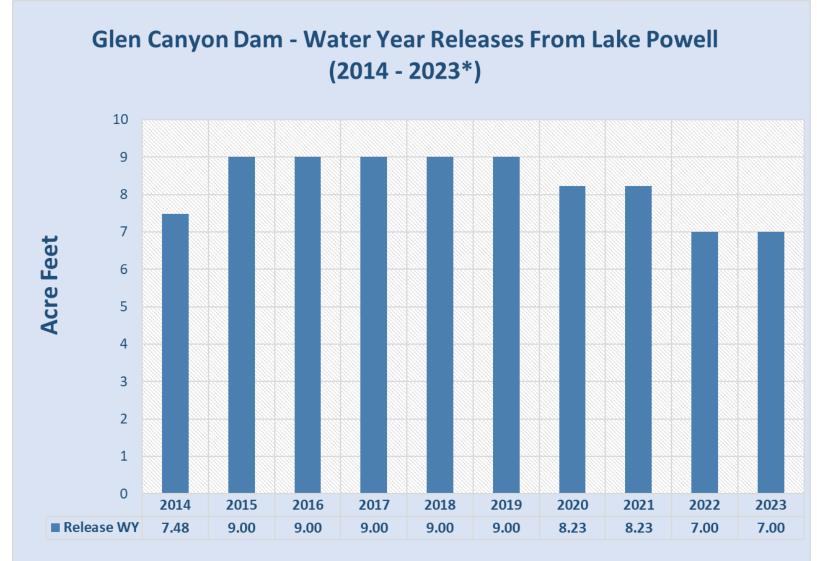


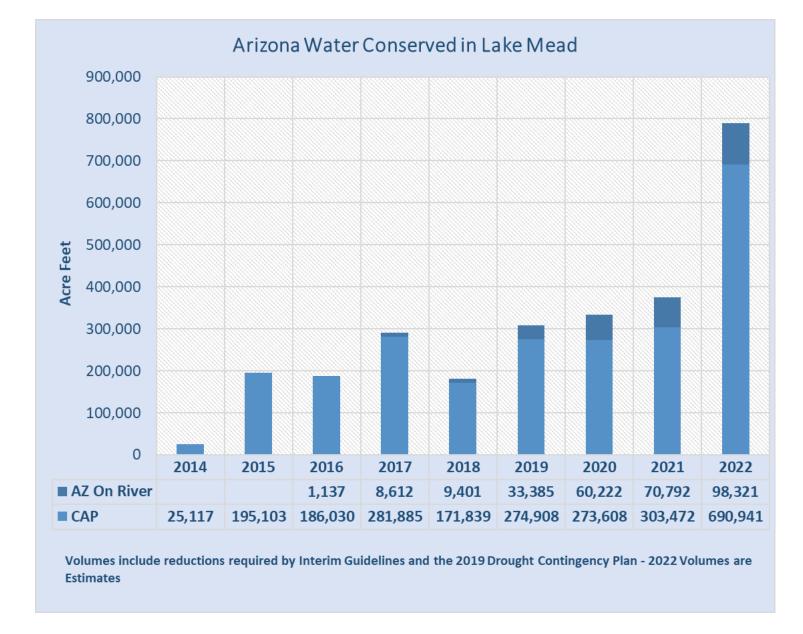
Lake Powell





^{*}Projected for 2023 - 24-Month Study min and most probable



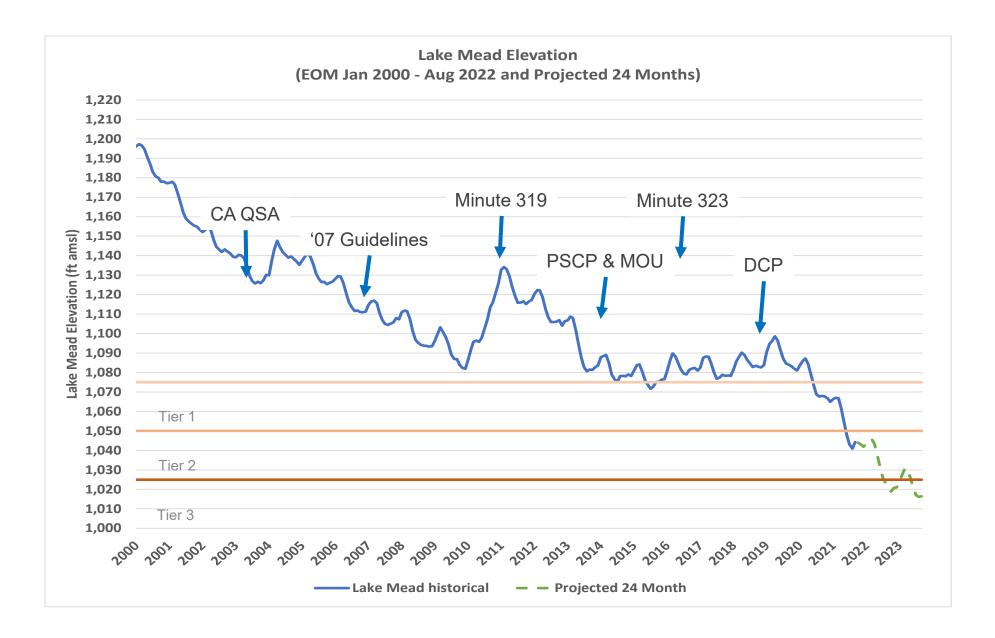


Arizona Colorado River Water Conserved in Lake Mead

<u>Includes</u>

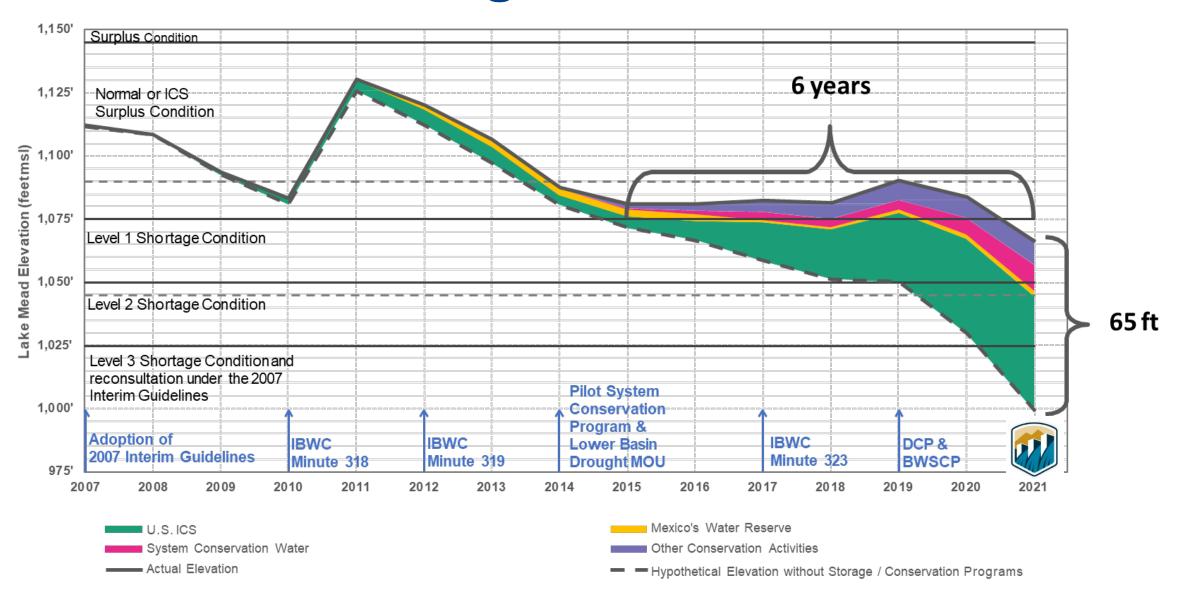
- 2007 Guidelines
- DCP Contributions
- ICS Creation
- Voluntary System Conservation Programs



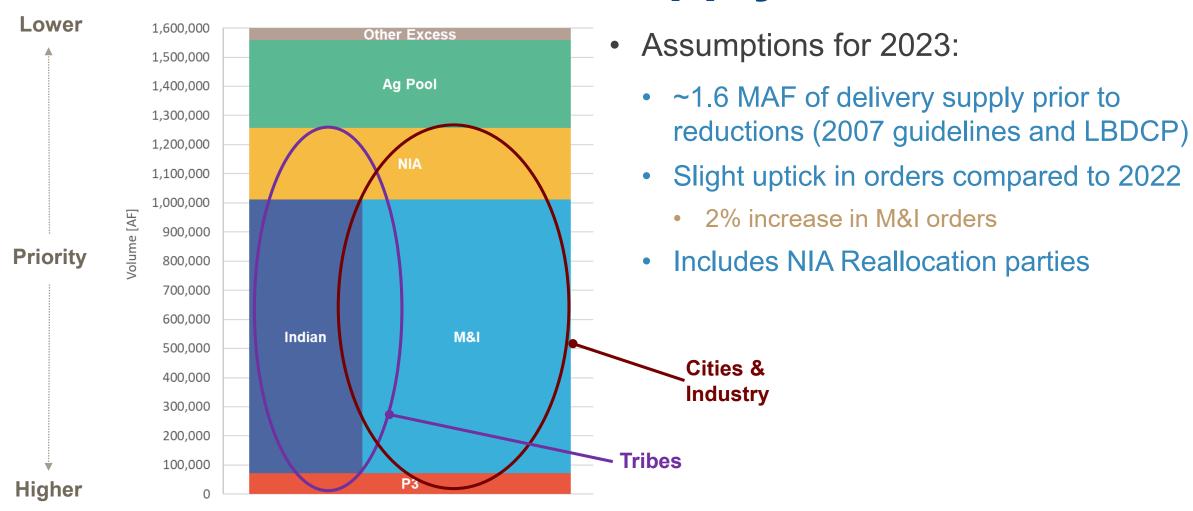




Lake Mead Storage and Conservation



CAP Priorities – Full Supply





CAP Water Uses

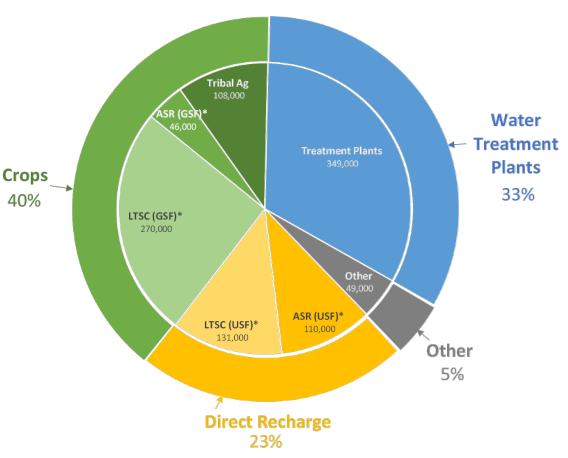
- There is a very large range in size of Indian and M&I priority entitlements:
 - Largest: 191,200 AF (Gila River Indian Community)
 - Smallest: 64 AF (Water Utility of Greater Tonopah)
- Indian priority water has been fully ordered and used in recent years
 - ~40% of the Indian priority supply is leased to, or exchanged with, M&I water users
 - Most leases are long-term
- Almost all M&I subcontractors have been ordering and using their full entitlements



CAP Water Use

- There is a diversity of end-uses: water treatment plants, annual storage & recovery, long-term storage credit accrual, mining, and some direct use by turf facilities and cooling towers
 - All uses are beneficial
 - All uses are compliant with contract and subcontract terms
- All users are impacted by shortage, though the specific impacts vary

Estimated 2023 Water Uses, by Destination and Type



*The split between Annual Storage & Recovery versus LTSC accrual is an estimate based on recent history and projections



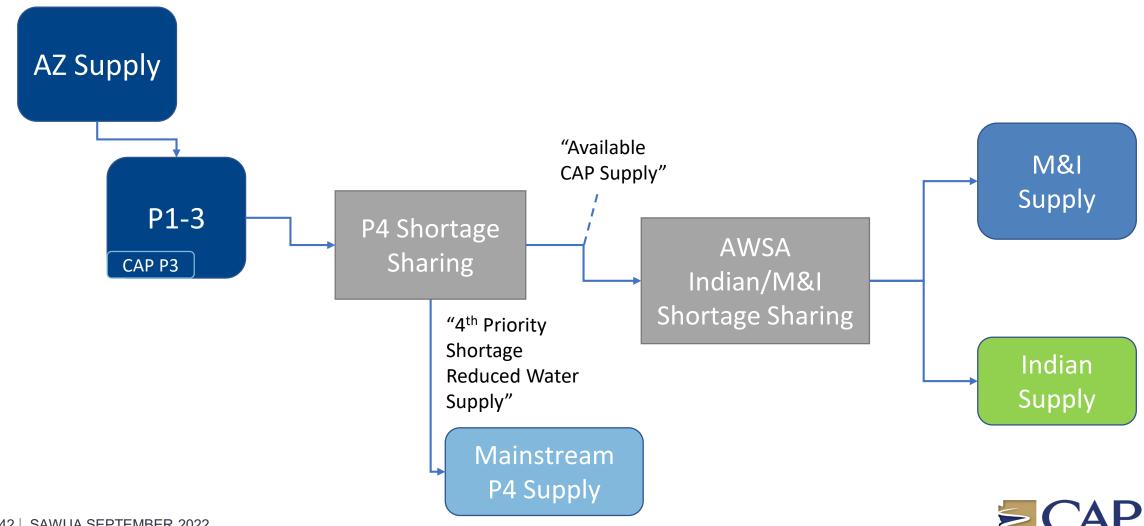
2007 Interim Guidelines, Minute 323, Lower Basin Drought Contingency Plan, and Binational Water Scarcity Contingency Plan Total Volumes (kaf)

	Lake Mead Elevation (feet msl)	2007 Interim Guidelines Shortages		Minute 323 Delivery Reduction s	Total Combined Reduction s	DCP Water Savings Contributions		Binational Water Scarcity Contingenc y Plan Savings	Combined Volumes by Country US: (2007 Interim Guidelines Shortages + DCP Contributions) Mexico: (Minute 323 Delivery Reductions + Binational Water Scarcity Contingency Plan Savings)				Total Combined Volumes		
		AZ	NV	Mexico	Lower Basin States + Mexico	AZ	NV	CA	Mexico	AZ Total	NV Total	CA Total	Lower Basin States Total	Mexico Total	Lower Basin States + Mexico
	1,090 - 1,075	0	0	0	0	192	8	0	41	192	8	0	200	41	241
	1,075 - 1050	320	13	50	383	192	8	0	30	512	21	0	533	80	613
	1,050 - 1,045	400	17	70	487	192	8	0	34	592	25	0	617	104	721
	1,045 - 1,040	400	17	70	487	240	10	200	76	640	27	200	867	146	1,013
	1,040 - 1,035	400	17	70	487	240	10	250	84	640	27	250	917	154	1,071
	1,035 - 1,030	400	17	70	487	240	10	300	92	640	27	300	967	162	1,129
	1,030 - 1,025	400	17	70	487	240	10	350	101	640	27	350	1,017	171	1,188
	<1,025	480	20	125	625	240	10	350	150	720	30	350	1,100	275	1,375

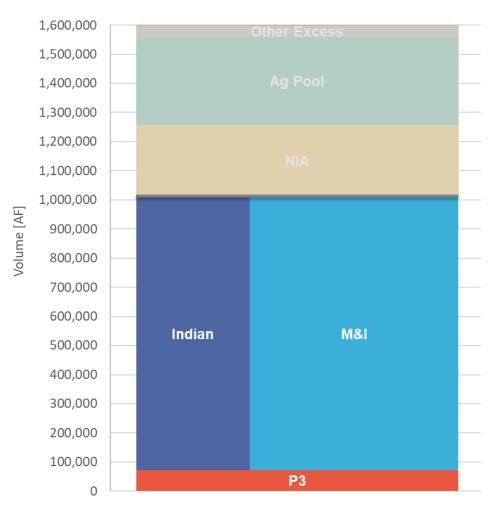


2023 Reductions + Contributions

Shortage Sharing Within Arizona



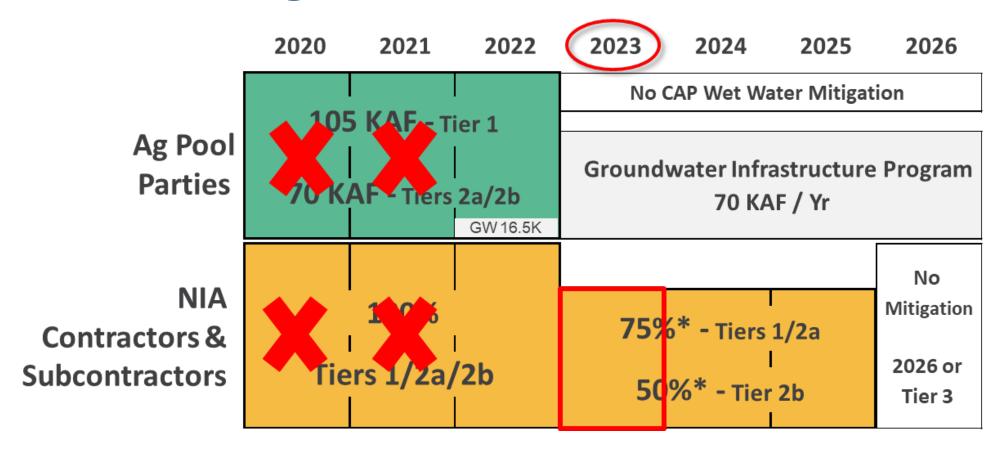
2023 Pre-Mitigation Shortage Impact



- Current projections indicate the likelihood of Tier 2a in 2023
 - 1050'<= Mead Elevation > 1045'
- Tier 2a shortage volume = 592 KAF
 - 400 KAF per 2007 Guidelines
 - 192 KAF per LBDCP
 - +80 KAF compared to 2022 (Tier 1)
- Pre-mitigation pool level impacts:
 - 100% reduction to Ag Pool
 - 100% reduction to NIA Pool
 - No reduction to Indian and M&I Pools



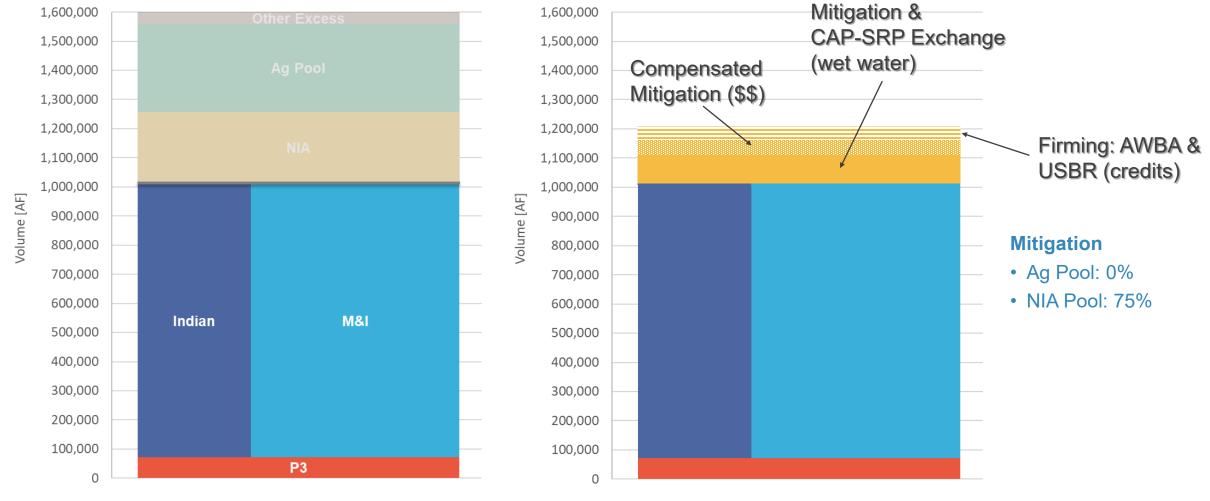
AZDCP Mitigation Commitments - 2023



Mitigation Resources: Credits, Wet Water and Money

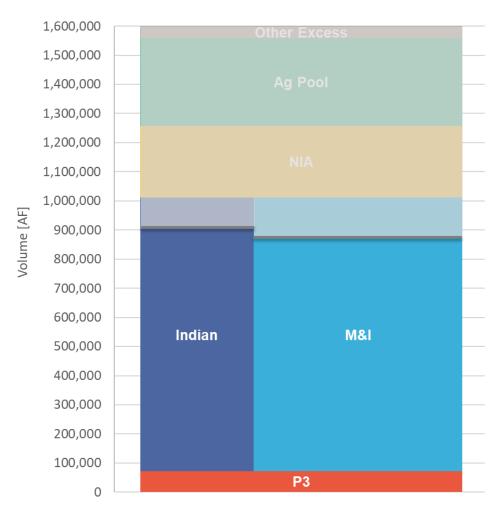


2023 - Tier 2a Shortage w/ Mitigation





Impact of Near-Term Tier 3 Shortages



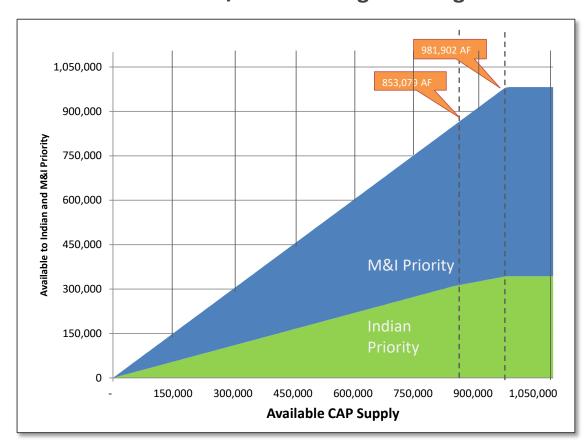
- Tier 3 shortage volume = 720 KAF
- No Mitigation under Tier 3 shortage
- Pool level impacts*:
 - 100% reduction to Ag Pool
 - 100% reduction to NIA Pool
 - 11% reduction to Indian Pool
 - 15% reduction to M&I Pool
 - 100% of M&I shortage is firmed by the Arizona Water Banking Authority (AWBA) through 2026



^{*} Using 2023 order estimations

Impacts Under Deeper CAP Reductions

AWSA Indian/M&I Shortage Sharing



Distribution of 4 th P	riority CAP Delivery	Supply Based
on AWSA Formula a	and Estimated 2023	Water Orders*

Delivery	Indian P	riority	M&I Priority			
Supply [AF]	Pool Availability	Pool Size [AF]	Pool Availability	Pool Size [AF]		
500,000	47%	157,000	45%	274,600		
400,000	36%	120,600	35%	211,000		
300,000	25%	84,200	24%	147,400		
200,000	14%	47,900	14%	83,700		
100,000	4%	11,500	3%	20,100		





\$2 TRILLION

The Colorado River water **CENTRAL ARIZONA PROJECT (CAP)** delivers has supported Arizona's gross state product (GSP) with \$2 trillion in economic benefits since water deliveries began. The GSP represents the dollar value of all goods and services produced in the region and is a measurement of the economic output of a state. This economic impact supports 22 sectors of the Arizona economy related to gross state product and job-years of employment.

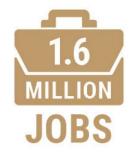
IN RECENT YEARS

Colorado River water delivered by CAP has supported an economic benefit exceeding

\$100 BILLION PER YEAR



ARIZONA'S GROSS STATE PRODUCT



CAP's supply of water to its customers in **2017** is estimated at annual employment of nearly **1.6 MILLION JOBS.**



For more information:

- CAP's news site KnowYourWaterNews.com
- CAP's main website (with information on the Drought Contingency Plan and Arizona Reconsultation Committee) – CentralArizonaProject.com (search shortage)

Other resources:

- Arizona Department of Water Resources -new.azwater.gov
- US Bureau of Reclamation usbr.gov



