



CITY OF SURPRISE
Regular City Council Work Session
16000 N. Civic Center Plaza
Surprise, AZ 85374
Tuesday, April 20, 2021 @ 4:00 PM
COUNCIL CHAMBERS

- A. Call To Order
- B. Roll Call
- C. Pledge of Allegiance
- D. Proclamation and Community Acknowledgements
- E. City Manager Report
- F. City Clerk Report
- G. Call To The Public

INSTRUCTIONS: In order to address the City Council, you will need to fill out a Call to the Public Form available at the front counter, and then turn it in to the City Clerk before the meeting begins.

[Download the Call to the Public form](#) (PDF download requires Adobe Acrobat Reader)

[Fill out the Call to the Public form online](#) If submitting form electronically, please submit to City Clerk at least one hour before the meeting start time.

The Call to the Public form is also available at the front counter.

Note: A.R.S. 38-431.01(H)- During this time members of the public may address City Council only on issues within the jurisdiction of the City Council which are not an item on the agenda. At the conclusion of the open call, City Council may respond to criticism, may ask staff to review the matter or may ask that the matter be put on a future agenda. No discussion or action shall take place on any item raised.

Approval of items on the Consent Agenda – all items with an asterisk (*) are considered to be routine matters and will be enacted by one motion and one roll call vote to the City Council. There will be no separate discussion on these items unless a Councilmember requests, in which event the item will be removed from the consent agenda and considered in its normal sequence on the agenda.

Please be aware that Council Members may not discuss or respond to matters raised during call to the public that are not specifically identified on the agenda. Council Members may however, in their discretion, discuss or respond to relevant matters raised during a noticed public hearing or agenda item.

H. Regular City Council Work Session Agenda

CONSENT AGENDA:

REGULAR AGENDA ITEM - PUBLIC HEARING:

REGULAR AGENDA ITEM - NON-PUBLIC HEARING:

- | | | | |
|----|----------|--|------|
| 1. | Citywide | Presentation and update pertaining to Luke Air Force Base. | None |
|----|----------|--|------|

Mayor and Council

2. Citywide Presentation and discussion pertaining to the City's partnership with the Central Arizona Project (CAP) and their drought preparedness plans. None
Lee Lambert
Water Resource
Management
- I. Other Business and Future Agenda Items
- J. City Council Reports
- K. Executive Session
For information Purposes; Upon a public majority vote of a quorum of the City Council, the Council may hold an executive session, which will not be open to the public, but for only the following purposes:
- discussion or consideration of personnel matters (A.R.S. §38-431.03 (A)(1));
 - discussion or consideration of records exempt by law from public inspection (A.R.S. §38-401.03 (A)(2));
- L. Adjournment

SHERRY ANN AGUILAR, CITY CLERK, MMC

POSTED: April 15, 2020 at 12:05 PM

SPECIAL NOTE: PERSONS WITH SPECIAL ACCESSIBILITY NEEDS, INCLUDING LARGE PRINT MATERIALS OR INTERPRETER, SHOULD CONTACT THE CITY CLERK'S OFFICE @ 623.222.1200 OR TTY 623.222.1002, BY NO LATER THAN 24 HOURS IN ADVANCE OF THE REGULAR SCHEDULED MEETING TIME.



CITY OF SURPRISE
Regular City Council Work Session

Council Meeting Date: April 20, 2021
Submitting Department: Mayor and Council
Staff Recommendations: None

Contact Person:
District: Citywide

Consent: No Regular: Yes Public Hearing: No Report/Discussion: No

Agenda Wording:

Presentation and update pertaining to Luke Air Force Base.

Motion:

N/A

Background:

Luke AFB Brigadier General Gregory Kreuder will provide the annual update on activities at Luke AFB to City Council.

Brig. General Kreuder assumed command of the 56th Fighter Wing on May 27, 2020. This presentation will be his first opportunity to update Surprise City Council since his command.

Objective Analysis:

N/A

Policy Compliant:

N/A

Financial Impact:

There is not a financial impact.

Budget Impact:

There is not a budget impact.

FTE Impact:

There is not an FTE impact.

ATTACHMENTS:

1. 56 FW MIssion Brief_v3
-



Welcome to Luke AFB

*We Train the World's Greatest Fighter Pilots and
Combat-Ready Airmen*

Brig Gen Gregory Kreuder
Commander, 56th Fighter Wing



History and Heritage



Fly, Fight, & Win



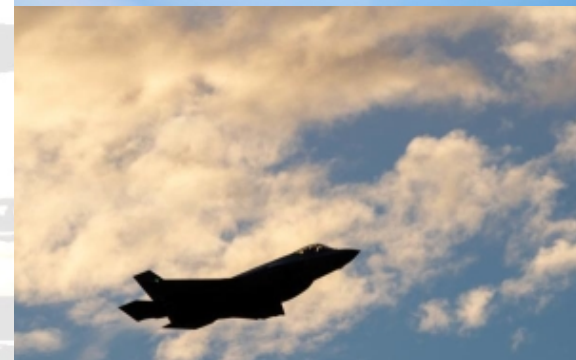


Today's 56th Fighter Wing



Fly, Fight, & Win

- Largest Fighter Wing in the Air Force
- 7,000+ total personnel
- F-15 Strike Eagle
- F-16 Fighting Falcon
- F-35 Lightning II

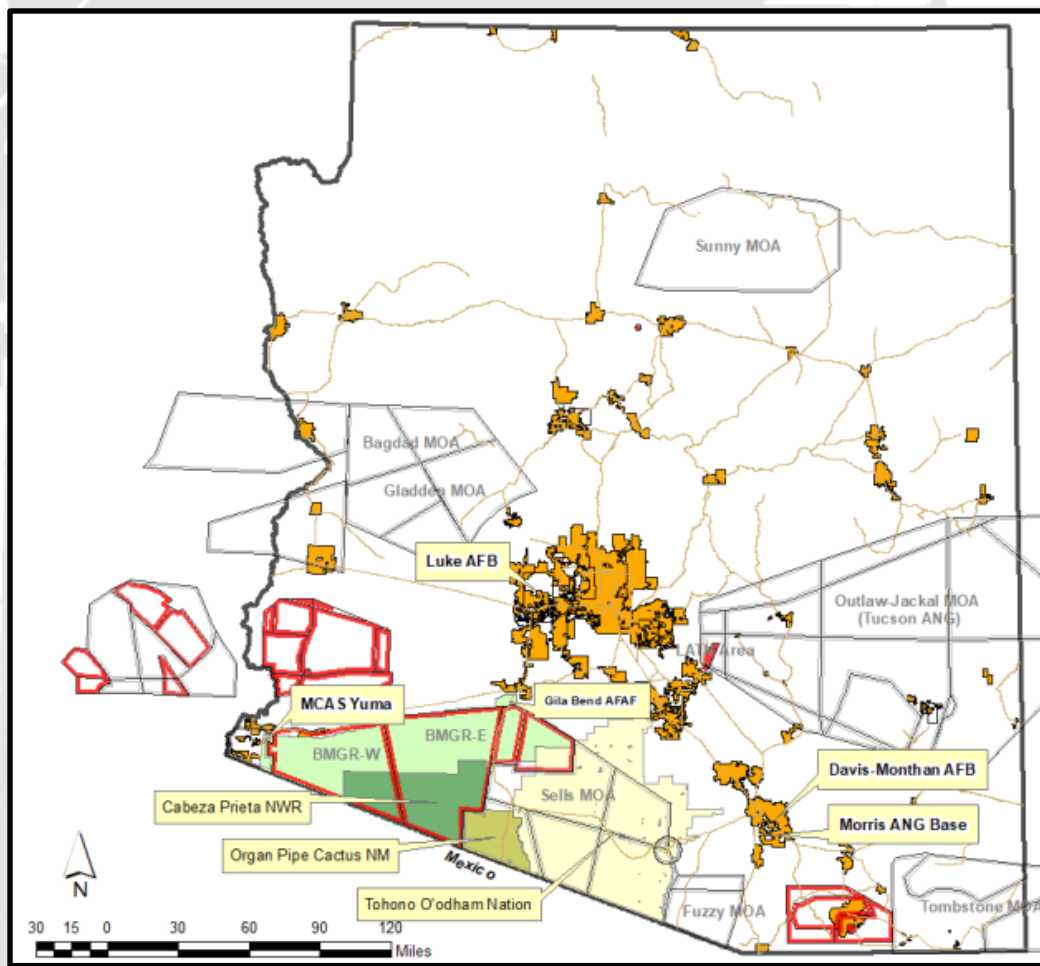




Today's 56th Fighter Wing



Fly, Fight, & Win



- Airspace is shared with 161st ANG, 944 ARW, 355 WG, 162 WG
- BMGR-E: 1.05M acres dedicated to military training (largest in USAF)
- Allows training from basic bombing to full tactical scale live weapons employment



World's Greatest Fighter Pilots



Fly, Fight, & Win

Student Pilots

- 6-8 months
- 100+ training days
- 250-350 flying hours
- 80+ sorties
- 40-50 simulators

Luke AFB

- F-16 FY20: 14,384 hrs
- F-35 FY20: 29,309 hrs





Combat-Ready Airmen



Fly, Fight, & Win

- Maintain readiness in all situations
- Deploy across the globe
- Respond to real-world emergencies
- Do what it takes to complete the mission





We Build the Future of Airpower



Fly, Fight, & Win



Cave Tonitrum



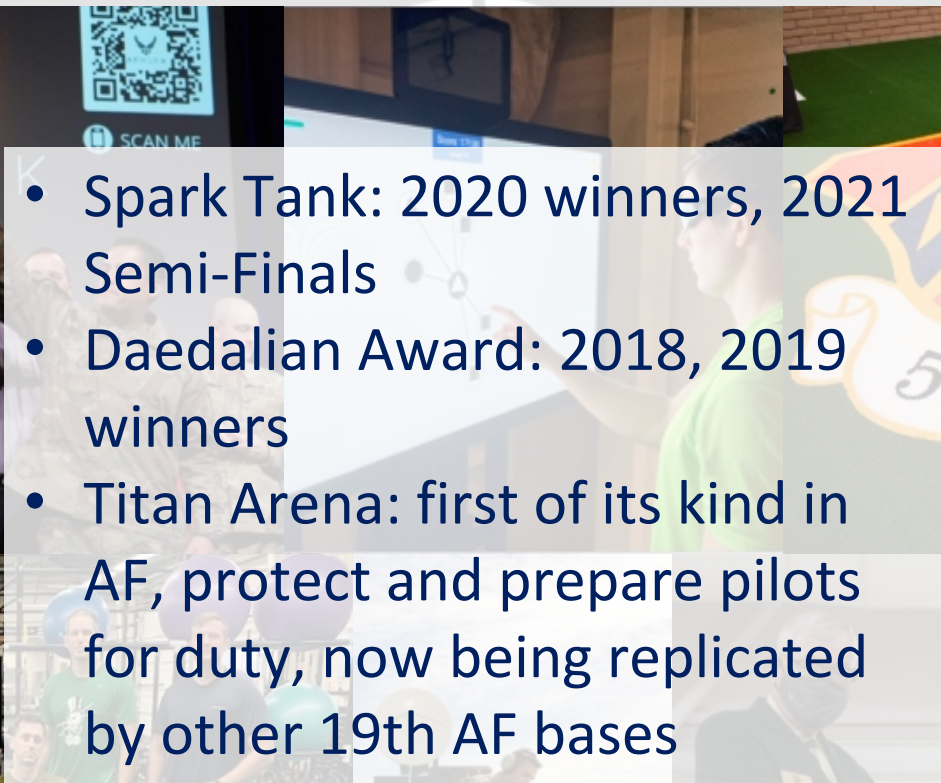
Award-Winning Innovation



Fly, Fight, & Win



- Spark Tank: 2020 winners, 2021 Semi-Finals
- Daedalian Award: 2018, 2019 winners
- Titan Arena: first of its kind in AF, protect and prepare pilots for duty, now being replicated by other 19th AF bases



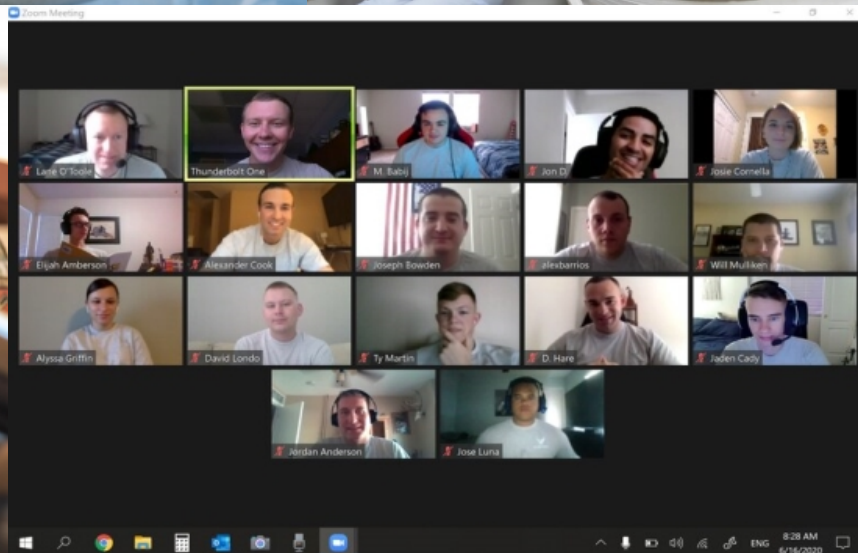
Cave Tonitrum



Modern Challenges



Fly, Fight, & Win





Diversity and Inclusion



Fly, Fight, & Win





Allies and Partners



Fly, Fight, & Win



- Luke remains a premier fighter training base
- Train with 4 partners in our squadrons
- Provide space for allies to train





Community Support



Fly, Fight, & Win



- Community Initiatives Team
- Honorary Commander Program
- Fighter Country Partnership
- Give back wherever we can, whenever we can





Welcome to Luke AFB

*We Train the World's Greatest Fighter Pilots and
Combat-Ready Airmen*

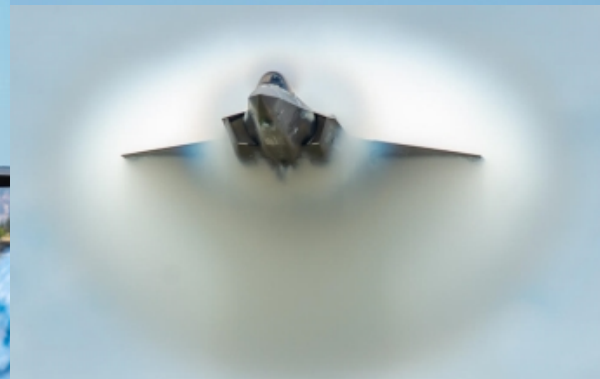
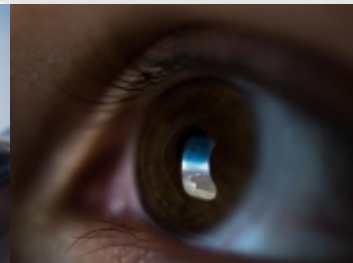
Brig Gen Gregory Kreuder
Commander, 56th Fighter Wing



Luke's Top Shots



Fly, Fight, & Win





CITY OF SURPRISE
Regular City Council Work Session

Council Meeting Date: April 20, 2021
Submitting Department: Water Resource
Management
Staff Recommendations: None

Contact Person: Lee Lambert
District: Citywide

Consent: No	Regular: No	Public Hearing: No	Report/Discussion: Yes
-------------	-------------	--------------------	------------------------

Agenda Wording:

Presentation and discussion pertaining to the City's partnership with the Central Arizona Project (CAP) and their drought preparedness plans.

Motion:

N/A

Background:

Conversation with Central Arizona Project Board Member on the current and future planning efforts regarding regional drought preparedness.

Objective Analysis:

N/A

Policy Compliant:

This item is policy compliant and is consistent with the City of Surprise Water Resource Management Policies.

Water Conservation Policy:

V. The City will remain engaged in local, state, and federal agencies and participate in water industry organizations on water conservation to ensure city representation, regional cooperation and exchange of ideas.

Water Acquisition Policy:

VIII. The City will establish and maintain professional relationships to stay informed, work collaboratively, and influence water policy decisions that may affect the City. The City will remain engaged in local, county, regional, state, and national discussions on water supply management and knowledgeable in the regulations that affect the City's water resources or its ability to acquire additional supplies. Participation will include stakeholder processes with the Central Arizona Project, the Arizona Department of Water Resources (ADWR), and Colorado River water user forums.

Financial Impact:

N/A

Budget Impact:

N/A

FTE Impact:

N/A

ATTACHMENTS:

1. CAP presentation Surprise City Council (Atkins)
-



YOUR WATER. YOUR FUTURE.

LISA ATKINS, CAWCD BOARD MEMBER

Surprise City Council

April 20, 2021

Central Arizona Project

- 336-mile aqueduct stretches from Lake Havasu to Tucson
 - 14 pumping plants lift water nearly 3,000 feet
 - 10 siphons, 4 tunnels
 - Lake Pleasant, New Waddell Dam and Waddell Pump Generating Station
- Delivers more than 500 billion gallons of water annually
- Deliveries began in 1985 in Maricopa County
- Construction complete in 1993



CAP Service Area

- 3 counties
- 23,790 square miles
- 5 million people (approx. 80% of Arizona's population)
- < 8" annual rainfall
- 350,000 acres of irrigated agriculture
- 11 tribes



CAP Water Usage



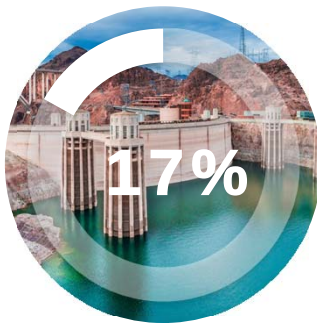
Municipal &
Industrial
(subcontracts)



Tribal
(contracts)



Agricultural



Contributions
To Lake Mead
(Drought
Contingency Plan)



Other Excess

CAP Water: Surprise

Surprise has three sources for its water supply: groundwater (drinking water), reclaimed water (agricultural and landscape irrigation) and surface water from CAP (irrigation and recharge).

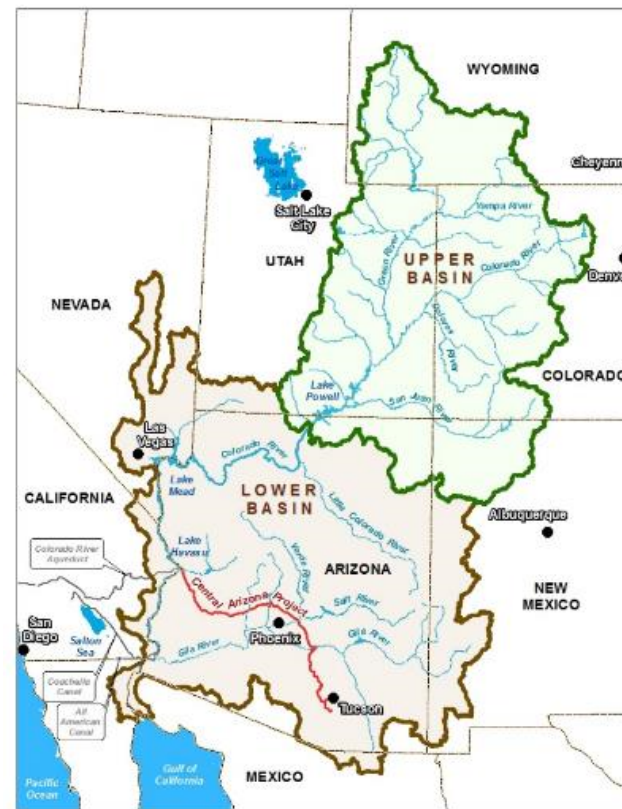
Water Allocation and Order from CAP --

M&I Allocation/2021 Order:
10,249 AF



Colorado River Basin

- Upper Basin States: Colorado, New Mexico, Utah, and Wyoming
- Lower Basin States: Arizona, California, and Nevada
- 7.5 million acre-feet (MAF) annual allocation of Colorado River water for the Upper Basin, 7.5 MAF for the Lower Basin and 1.5 MAF for Mexico
- Lower Basin allocations:
 - AZ (2.8 MAF)
 - CA (4.4 MAF)
 - NV (0.3 MAF)



Colorado River Basin and Major Reservoirs



Drought Contingency Plan (DCP)

- DCP is a set of additional actions that are “on top of” the 2007 Guidelines
- The DCP agreements extend across the Basin with components in the Upper and Lower Basin, plus Mexico through Minute 323
- Agreements amongst Arizona water users grew out of the Arizona DCP Steering Committee process



What does DCP mean to me?



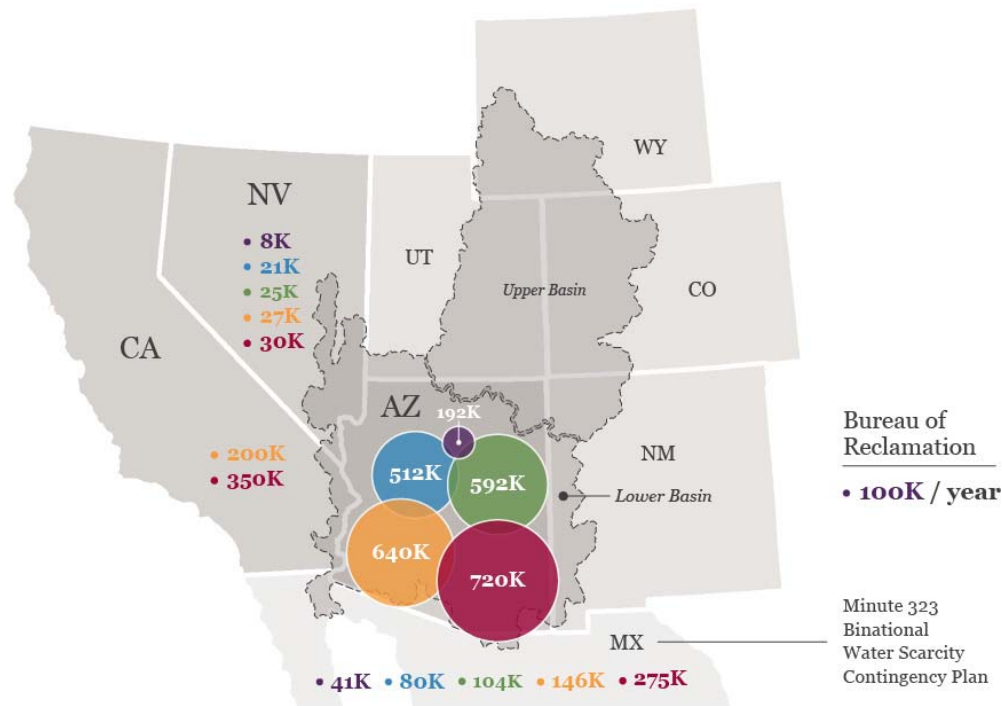
In the near-term:

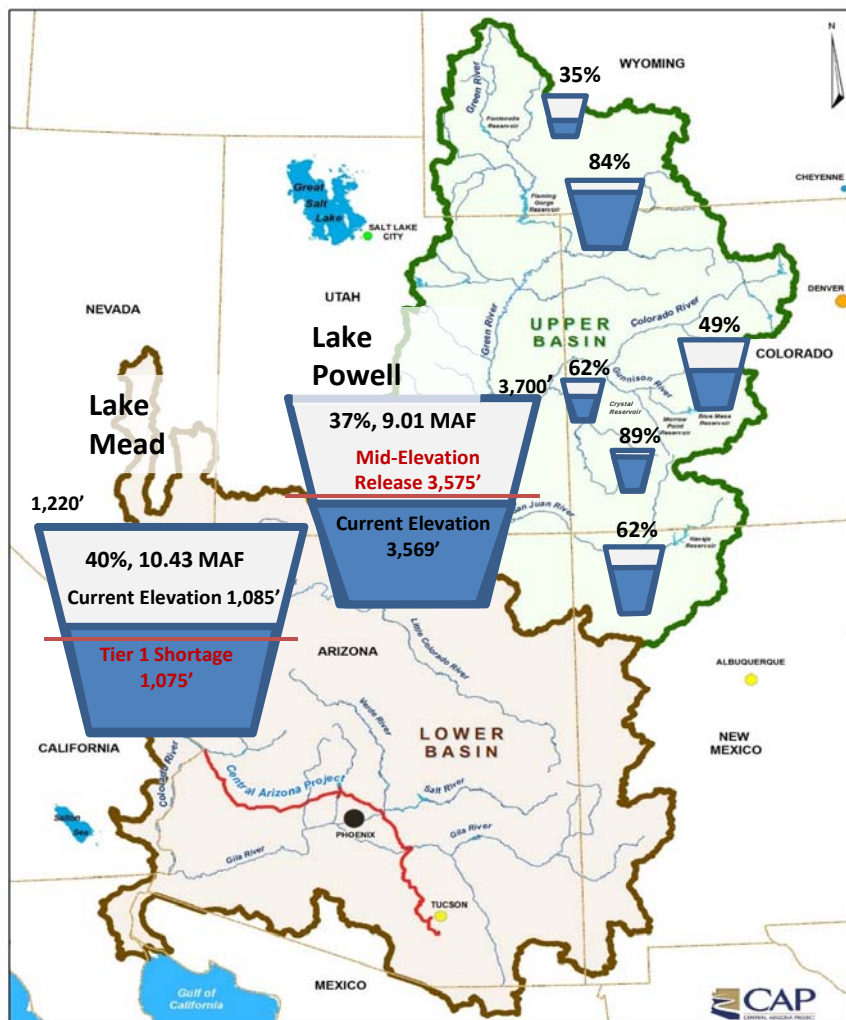
- Arizona residents can now be assured that future water supplies are more reliable and secure.
- The economies supporting the state can continue to thrive based on this secure water supply.

Lower Basin DCP Contributions to Lake Mead

IN ACRE-FEET
PER ELEVATION
PER YEAR

- Less than 1,090' – Tier Zero
- Less than 1,075' – Tier 1
- Less than 1,050' – Tier 2
- Less than 1,045' – Tier 2b
- Less than 1,025' – Tier 3





Colorado River Water Supply Report

System Contents: 24.29 MAF

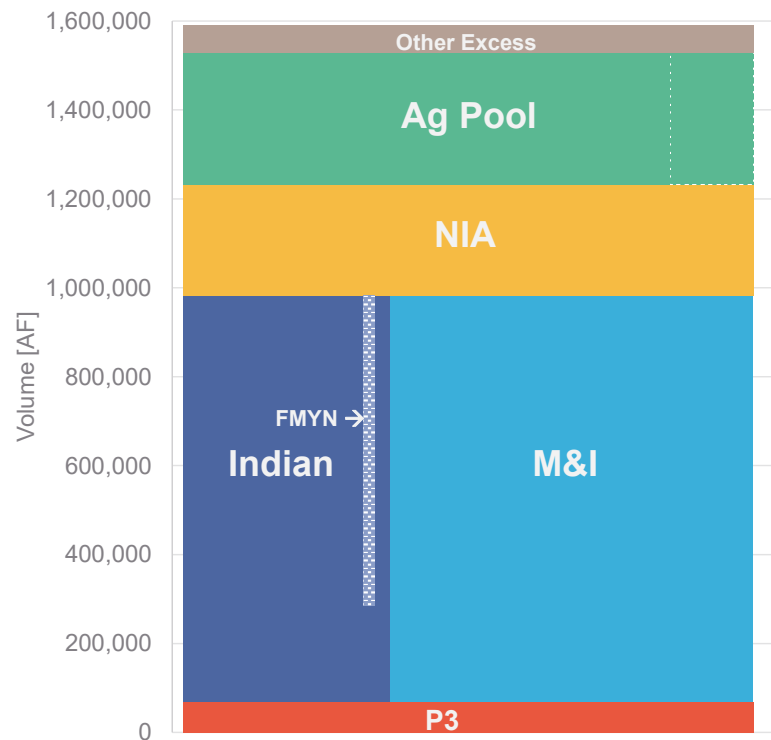
As of March 22, 2021

Reservoir Capacities (MAF)			
Reservoir	Current	Change*	Maximum
Lake Mead	10.43	- 0.18	25.90
Lake Powell	9.01	- 0.31	24.30
Flaming Gorge Reservoir	3.16	+ 0.02	3.75
Fontenelle Reservoir	0.12	- 0.01	0.34
Navajo Reservoir	1.04	- 0.01	1.70
Blue Mesa Reservoir	0.40	0.00	0.83
Morrow Point Reservoir	0.10	0.00	0.12
Crystal Reservoir	0.02	0.00	0.03

* With respect to previous month's report

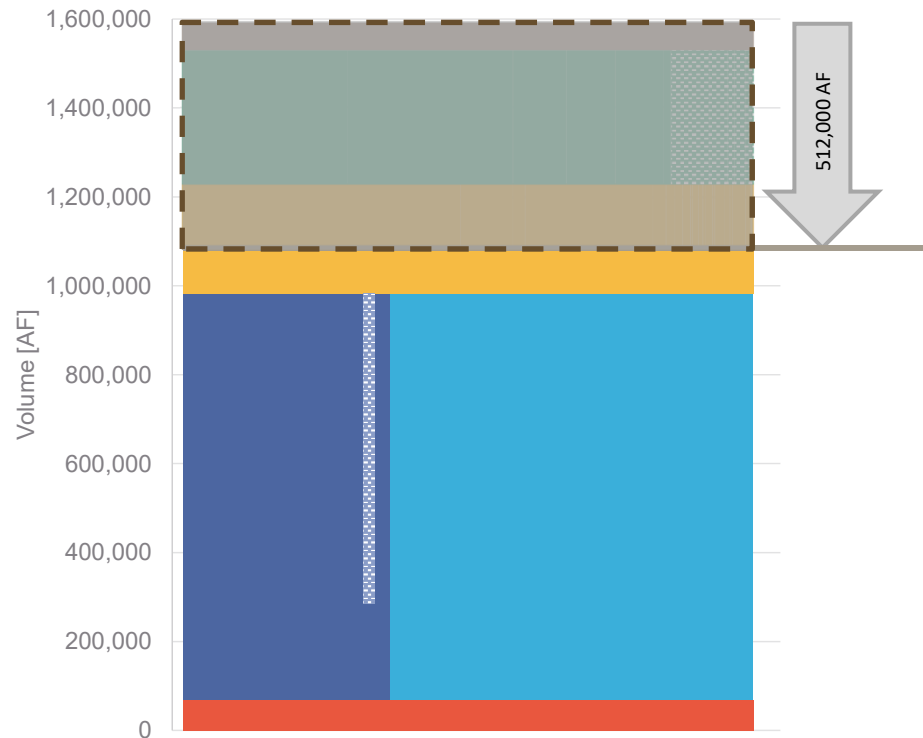


2022 – Normal CAP Supply



The block chart is a roll-up of individual orders

2022 – Tier 1 Shortage CAP Supply



- 512,000 AF Reduction/Contribution
- Before DCP Mitigation Impacts
 - 100% Reduction to Ag Pool
 - ~60% Reduction to NIA Pool
- With DCP Mitigation Commitments
 - 100% mitigation for NIA pool
 - 105,000 AF of mitigation for Ag Pool parties

Tier 1 Shortage – Key Take-Aways

Arizona is Stronger Together

- We expect the first-ever Tier 1 shortage declared on the Colorado River later this year, impacting 2022 Colorado River water supplies. A Tier 1 Shortage would require Arizona to reduce uses by 512,000 acre-feet, borne almost entirely by the CAP system.
- The shortage will result in a substantial cut to Arizona's share of the river, falling largely to central Arizona agricultural users.
- While significant, the high priority CAP water supply for cities and tribes is not affected.
- These impacts are painful, but we are prepared.

Tier 1 Shortage – Key Messages

- While we may have less water coming to Arizona from the Colorado River in 2022, the river will continue to be a vital source of water for generations to come.
- We are prepared for Tier 1 reductions because Arizona water users have been working collaboratively for many years to protect our Colorado River water supply.
- As we face the prospect of a hotter and drier future, we are confident that with our long history of successful collaboration among our diverse stakeholders – agriculture, tribes, cities, environment, and industry, we will continue to find innovative and effective solutions to sustain Arizona's Colorado River supply.



KNOW YOUR WATER

Thank you!

KnowYourWaterNews.com

