

# 2023 Annual Operating Plan

April 1, 2023 thru March 31, 2024

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Water Resources Division  
April 19, 2023



# Annual Operating Plan

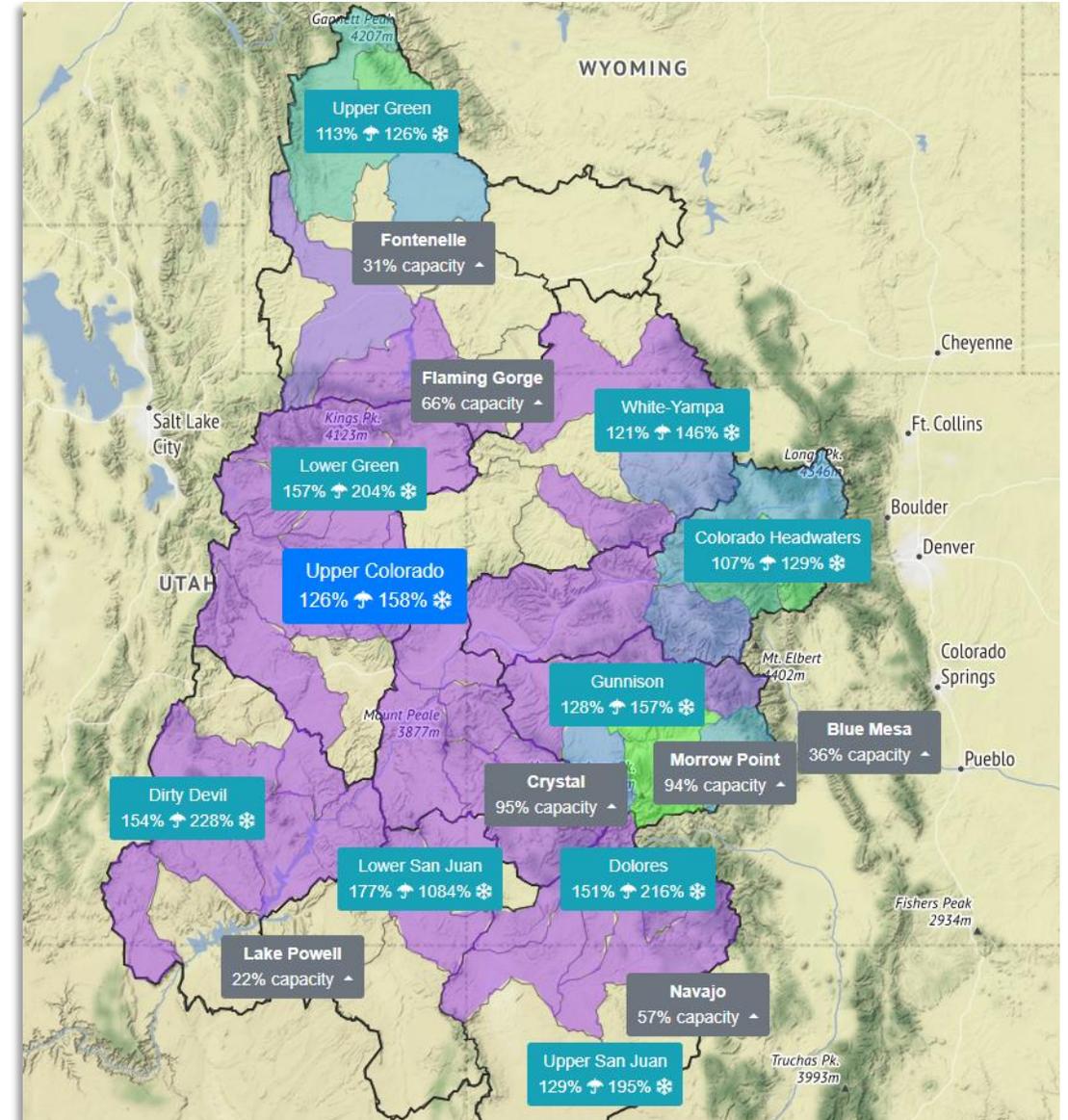
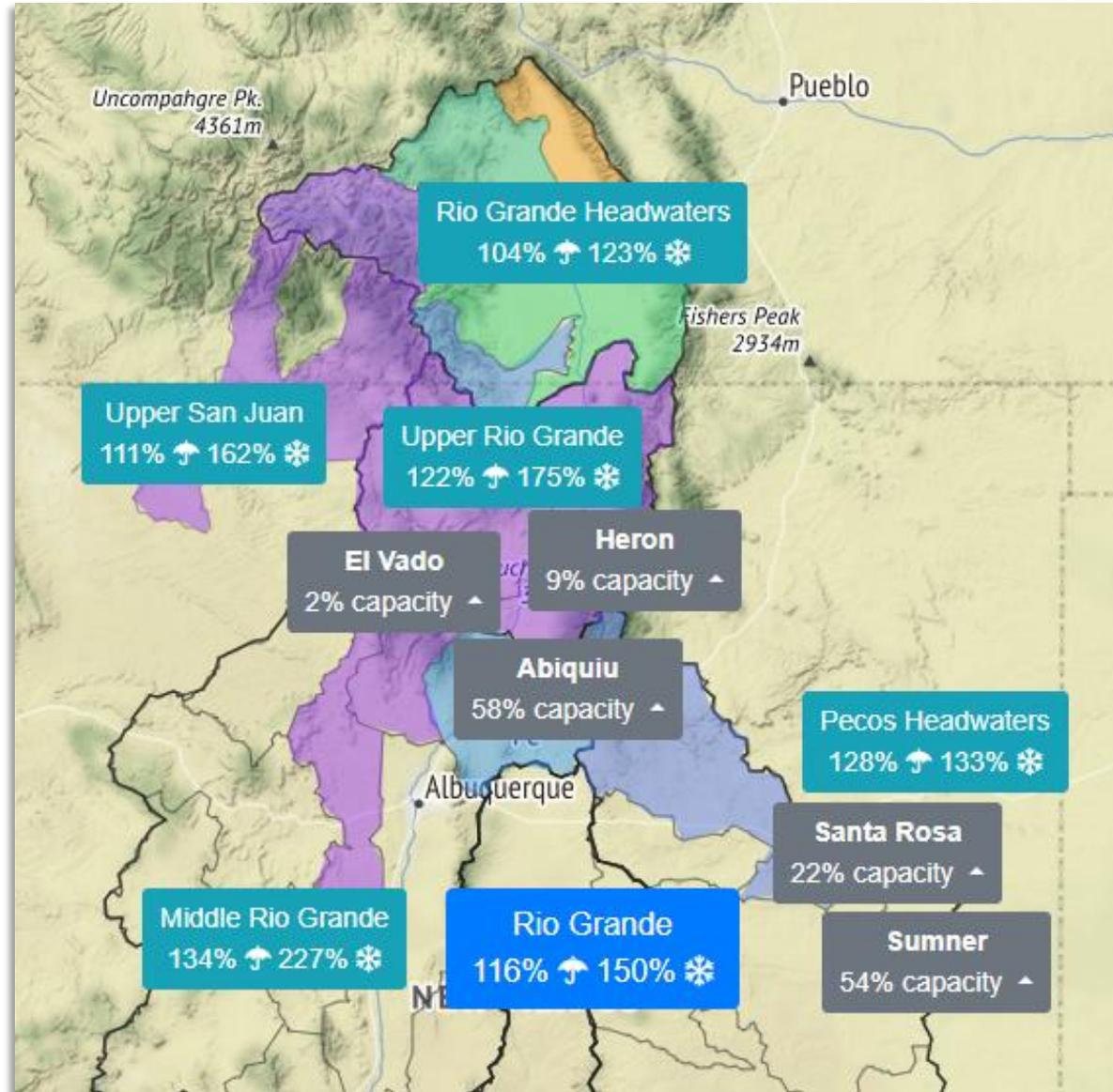
- Water Authority AOP one of three for the Middle Rio Grande
- Operating period: April 1, 2023 to March 31, 2024
- Due to USFWS by May 15th
- Key inputs into AOP:
  - SP-4830 Conditions 12 and 13
  - USACE/Reclamation flow forecast model results
  - Minimum groundwater operation
  - Demand projection
- Coordination between Water Resources, Groundwater Operations, and Drinking Water Plant



# Snow and Precipitation

Bureau of Reclamation website:

<https://www.usbr.gov/uc/albuq/water/index.html> (Date accessed: April 12, 2023)



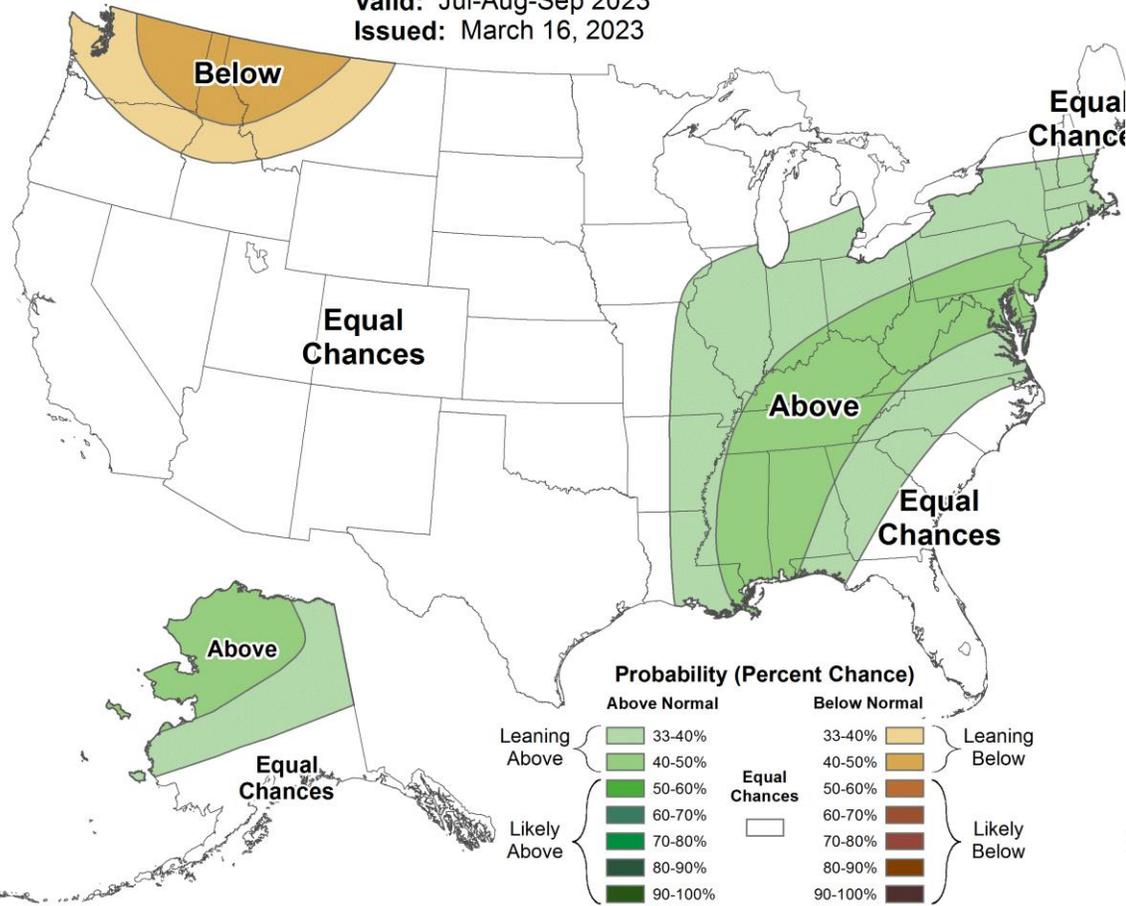
# Precipitation and Temperature Outlook

## July – Sept, 2023



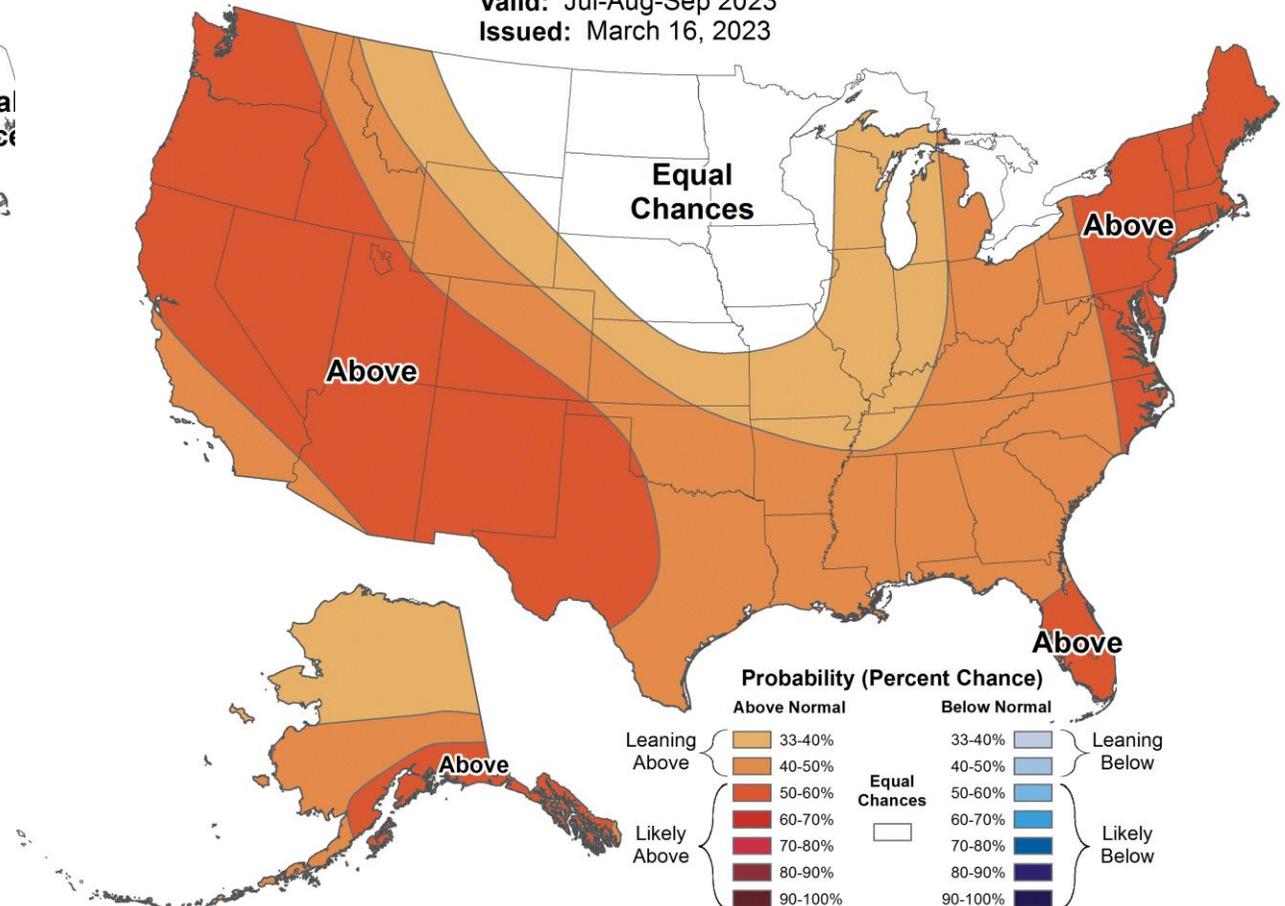
### Seasonal Precipitation Outlook

Valid: Jul-Aug-Sep 2023  
Issued: March 16, 2023



### Seasonal Temperature Outlook

Valid: Jul-Aug-Sep 2023  
Issued: March 16, 2023



# SP-4830 Conditions 12 and 13

- *Condition 12* → “native” flow must be available AND stream flows at Albuquerque Central gage must be  $> 122$  cfs
- *Condition 13* → diversion of “native” water must be curtailed when native flow is  $< 195$  cfs at Alameda gage

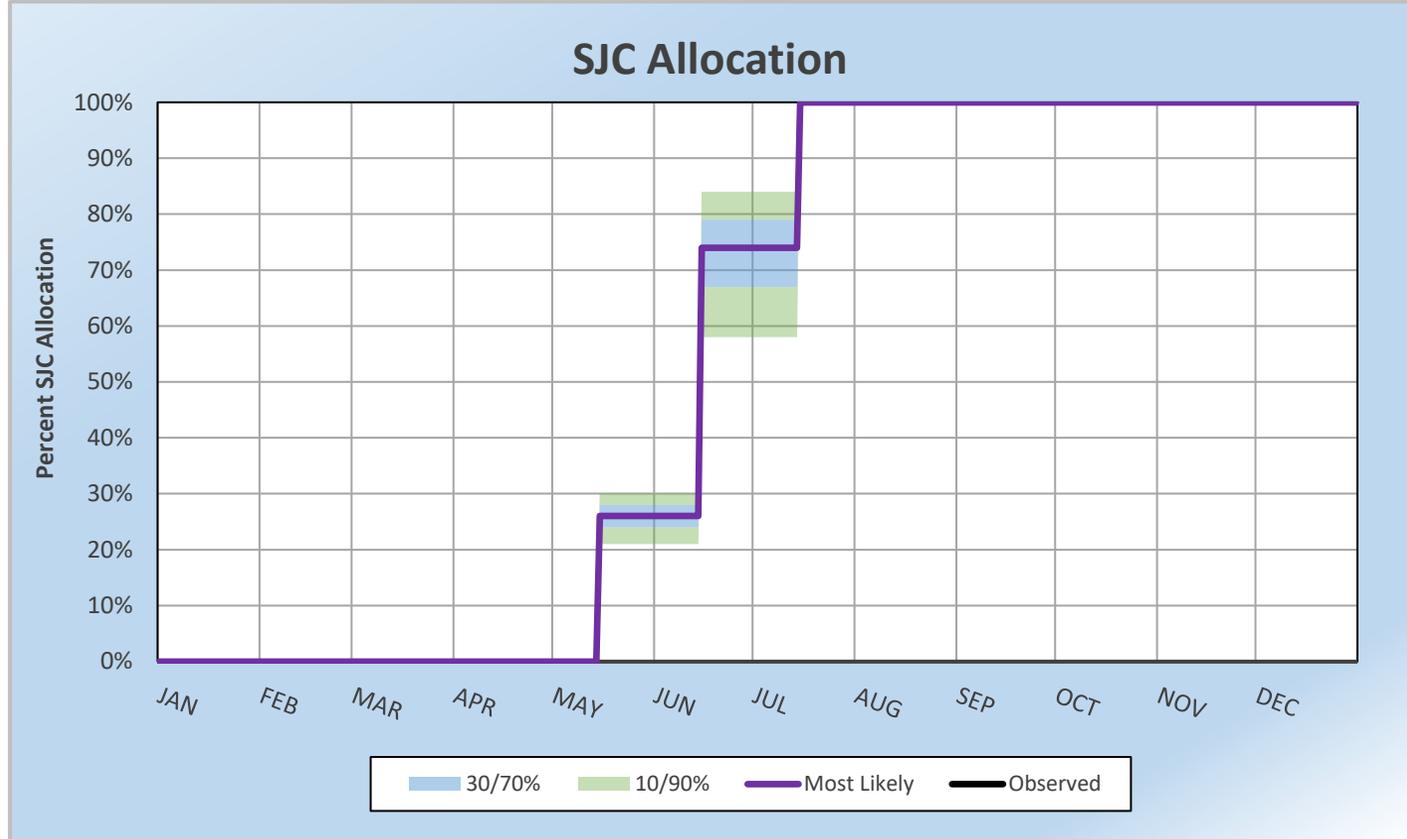
AND

Diversion must be suspended if native flow in the Rio Grande channel is  $\leq 130$  cfs at Alameda gage OR stream flows in the Rio Grande channel  $\leq 122$  cfs at the Albuquerque Central gage

- AOP has both conditions set as thresholds that must be met for operation of the DWP diversion



# Federal 2023 AOP

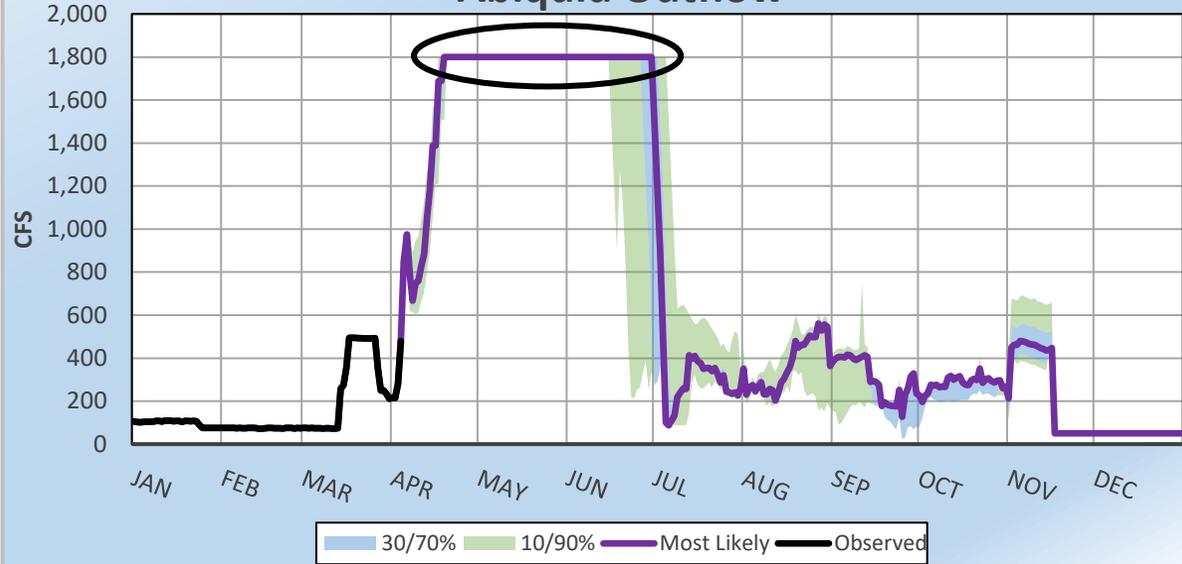


- Expected to receive full San Juan-Chama Project allotment
- El Vado Reservoir continuing to undergo maintenance and repairs
- P&P water storage at Abiquiu under deviation with USACE
- Federal AOP includes reduced MRGCD diversions



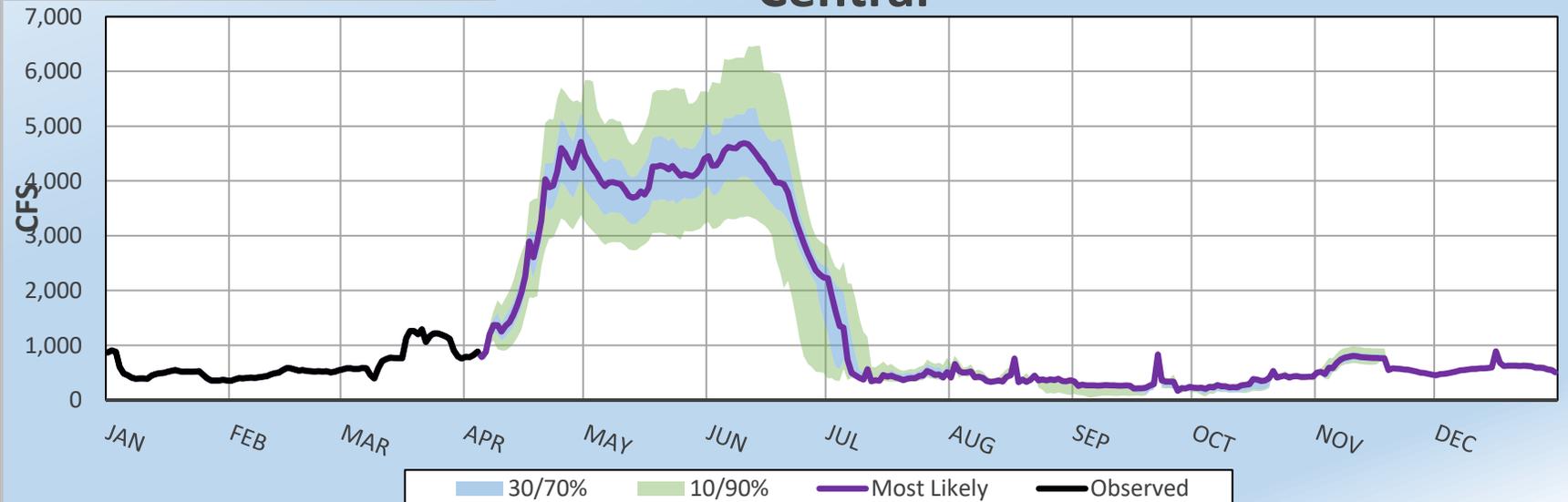
# Bureau of Reclamation Flow Forecast Results

## Abiquiu Outflow



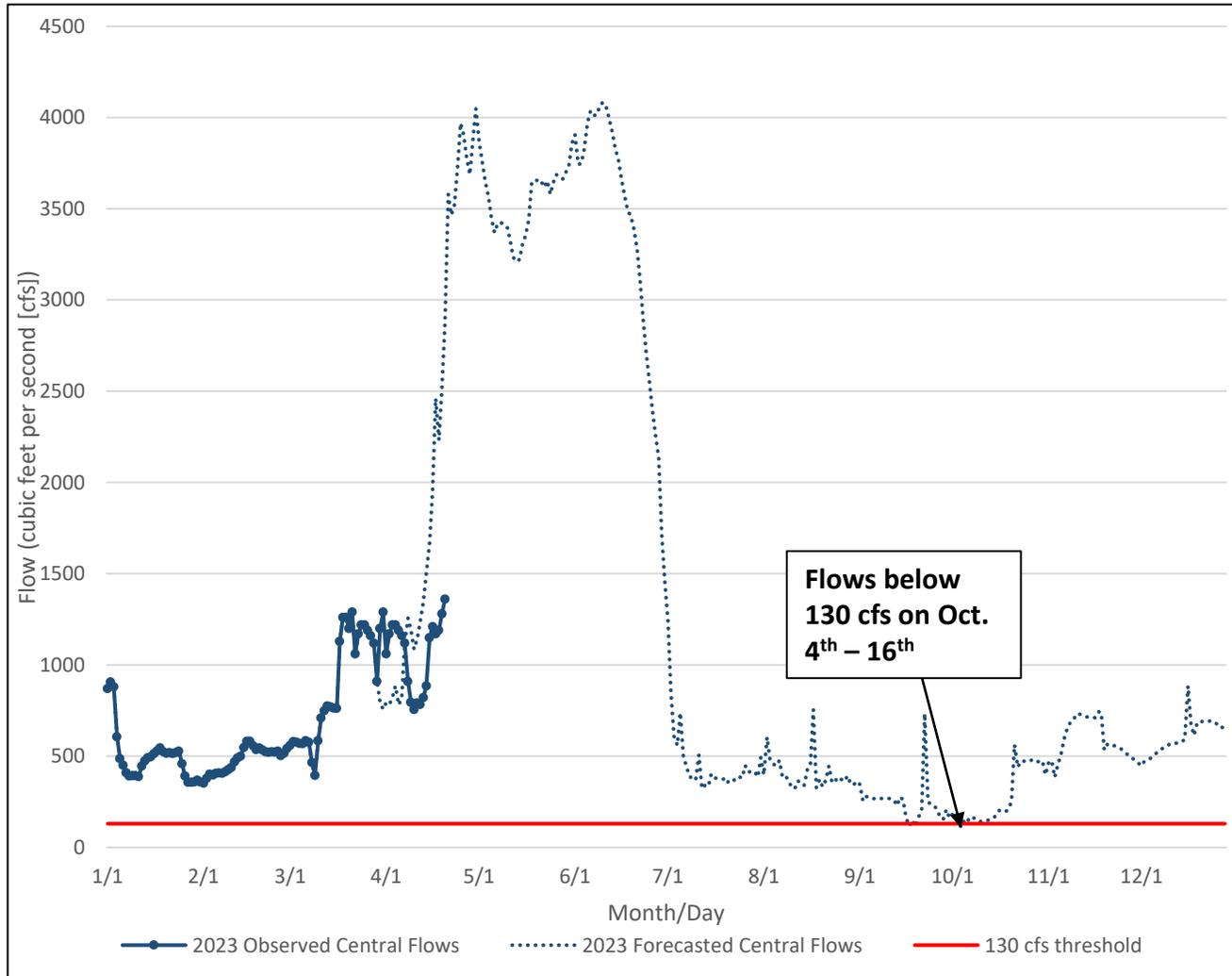
- Flood operations at Abiquiu Reservoir are expected to occur
- Flows at Central go below 122 cfs in October
- Late-summer flows dependent on monsoons and MRGCD operations

## Central



# Water Authority Operations

## April 1, 2023 – March 31, 2024

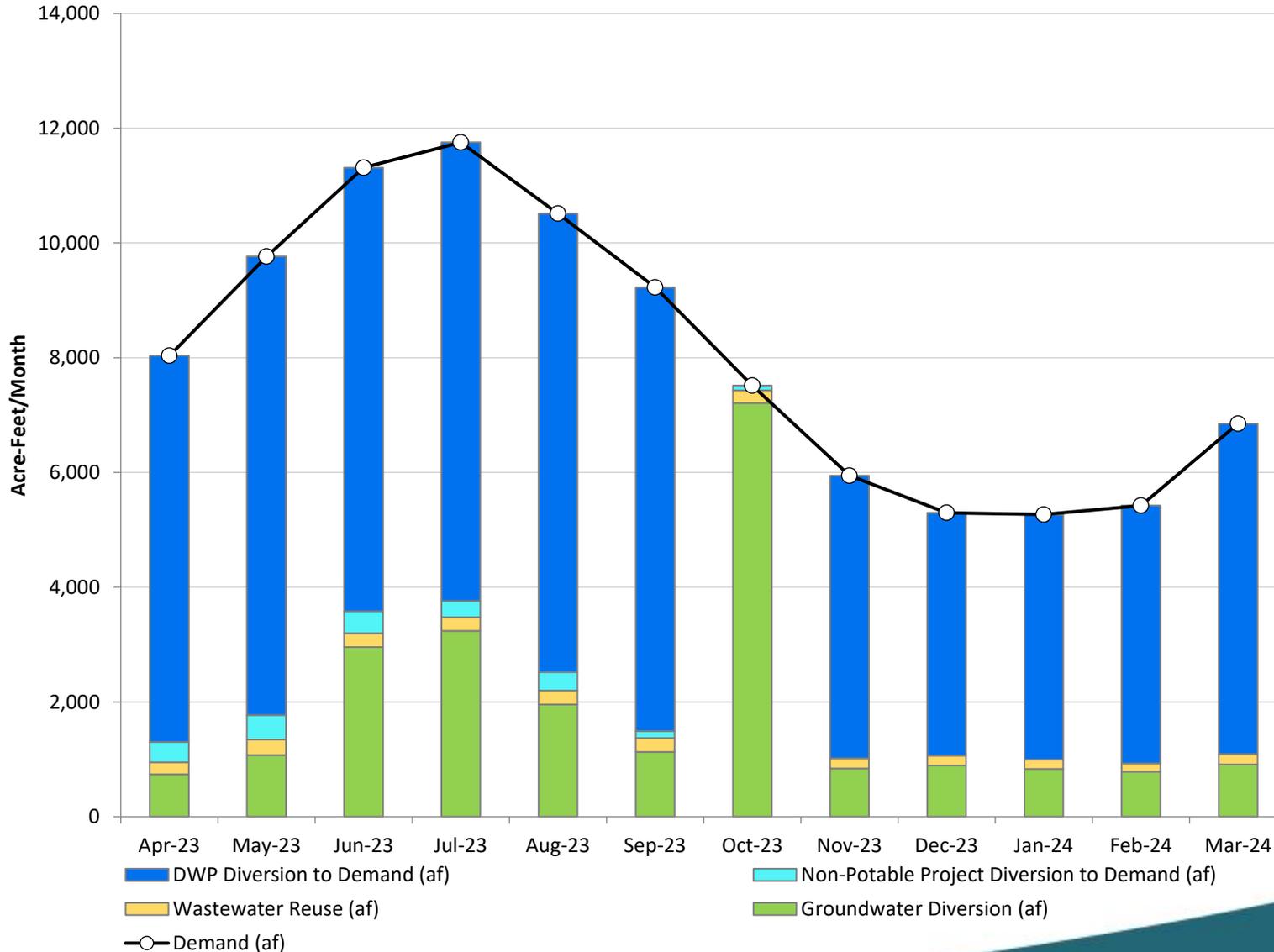


- 70% exceedance scenario
- No DWP diversions in October 2023
- DWP will utilize shutdown to complete maintenance of facility
- Actual operation will depend on observed flow conditions



# Water Authority Monthly Diversions

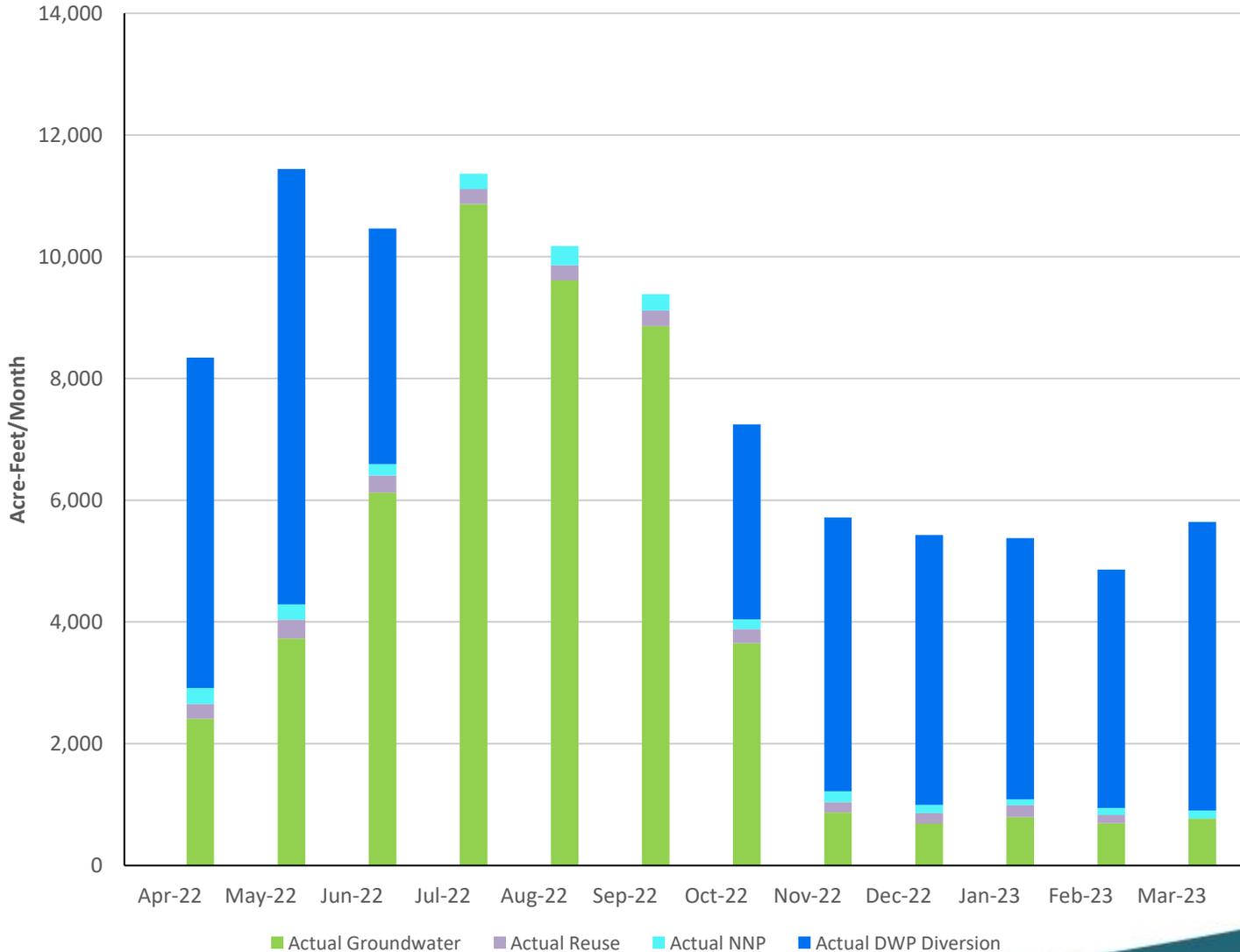
## April 1, 2023 – March 31, 2024



Month	% Surface Water	% Groundwater
April 2023	90%	10%
May 2023	88%	12%
June 2023	72%	28%
July 2023	71%	29%
Aug 2023	80%	20%
Sept 2023	87%	13%
Oct 2023	0%	100%
Nov 2023	85%	15%
Dec 2023	83%	17%
Jan 2024	84%	16%
Feb 2024	85%	15%
March 2024	86%	14%

# 2022 Monthly Diversions

## April 1, 2022 – March 31, 2023



Month	% Surface Water	% Groundwater
April 2022	69%	31%
May 2022	66%	34%
June 2022	39%	61%
July 2022	0%	100%
Aug 2022	0%	100%
Sept 2022	0%	100%
Oct 2022	47%	53%
Nov 2022	84%	16%
Dec 2022	87%	13%
Jan 2023	84%	16%
Feb 2023	85%	15%
March 2023	86%	14%



# Regional Collaboration

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- Continued support of Rio Chama recreational rafting flows
- Environmental flows for endangered fish species
- SJC water transferred to Elephant Butte to support DWP diversions during Abiquiu flood operations
- P&P native water storage at Abiquiu
- Continued coordination with regional water managers
- Continued coordination with NM Interstate Stream Commission

# Questions?

