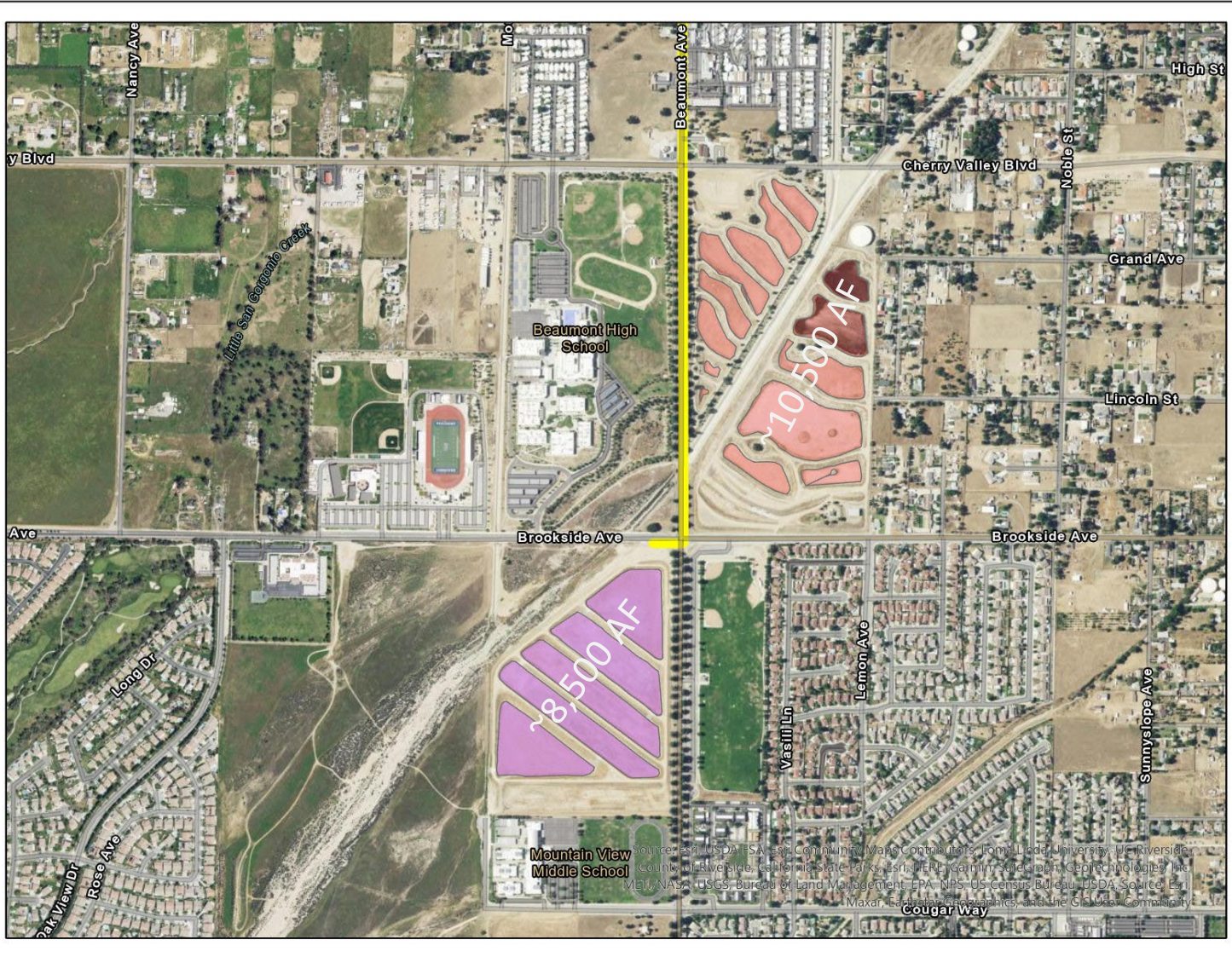


2024 Water Portfolio Update

BOARD OF DIRECTORS

12/4/2023

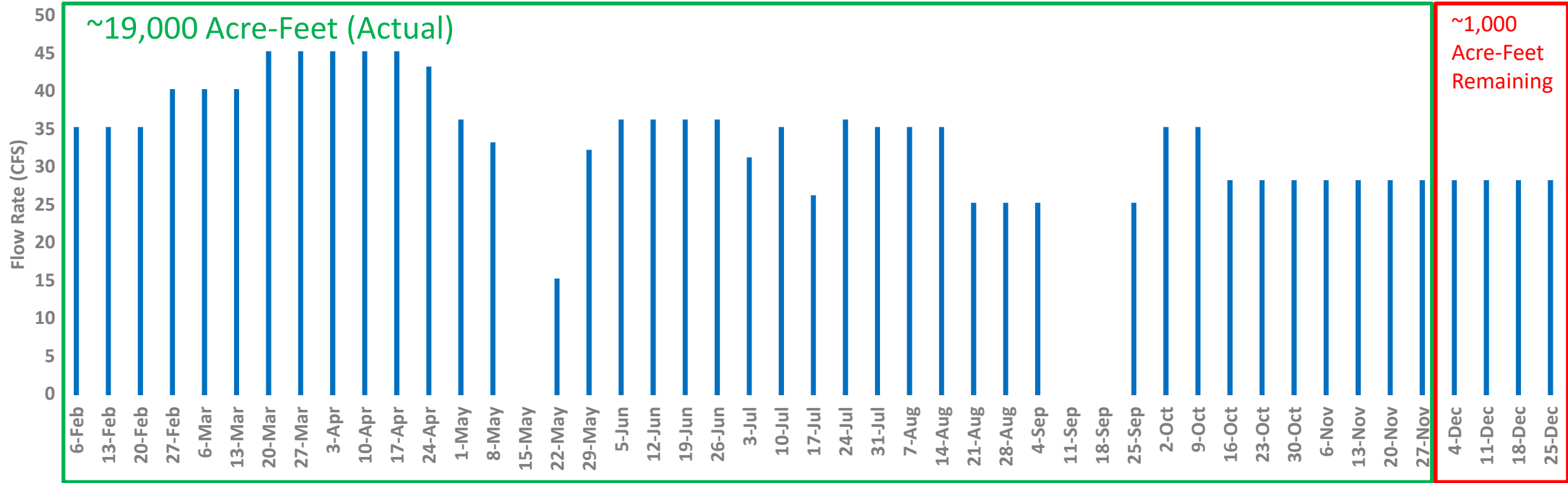


~19,000 acre-feet has been recharged to date

Flow Rate per Week

20k AF Delivered by End of Year

(Deliveries do not include direct deliveries to YVWD)



We are targeting 20,000 acre-feet of deliveries this year

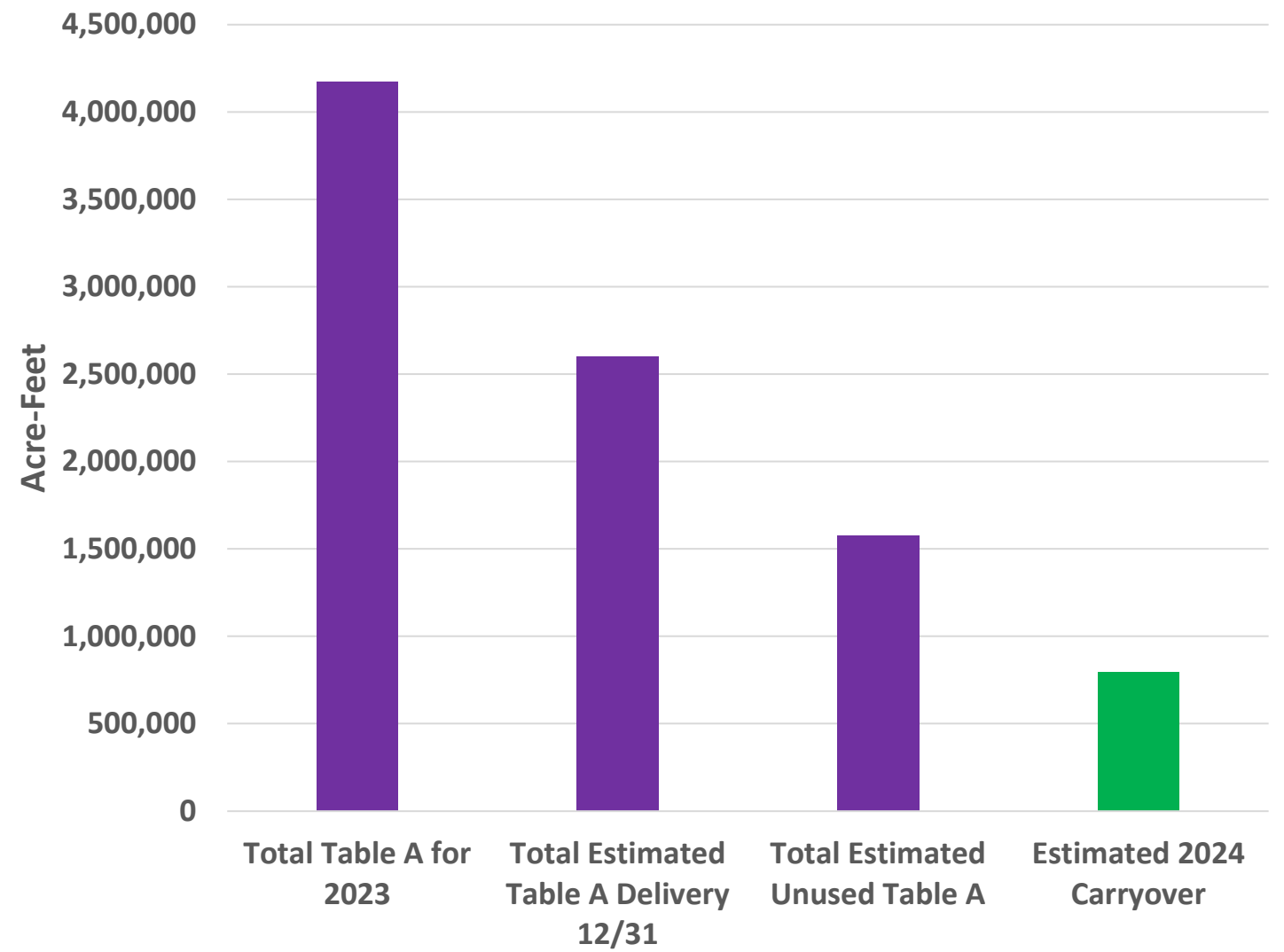
Total water deliveries are estimated to be over 24,000 acre-feet

2023 Water Delivery (Estimated)			
(All Values in Acre-Feet)			
Water Asset	Total Available	Amount Delivered	2024 Carryover
2023 Carryover	2,231	2,231	0
2023 Transfers/Exchanges Local Deliveries	1,295	1,295	0
2023 SGPWA Table A	17,300	4,779	8,221
2023 Ventura Table A	10,000	5,000	5,000
2023 Nickel Water	1,700	1,700	0
Article 21	5,075	5,075	0
AVEK Exchange	-	4,000	-
CLAWA Return Exchange	-	300	-
Total Local Deliveries	37,601	20,080	-
Total Water Deliveries	37,601	24,380	13,221

* AVEK Exchange and CLAWA Return exchange are deducted from SGPWA's Table A

Statewide, only 60% of the allocated Table A for 2023 is expected to be delivered. This would classify 40% of the allocation as “Unused Table A”

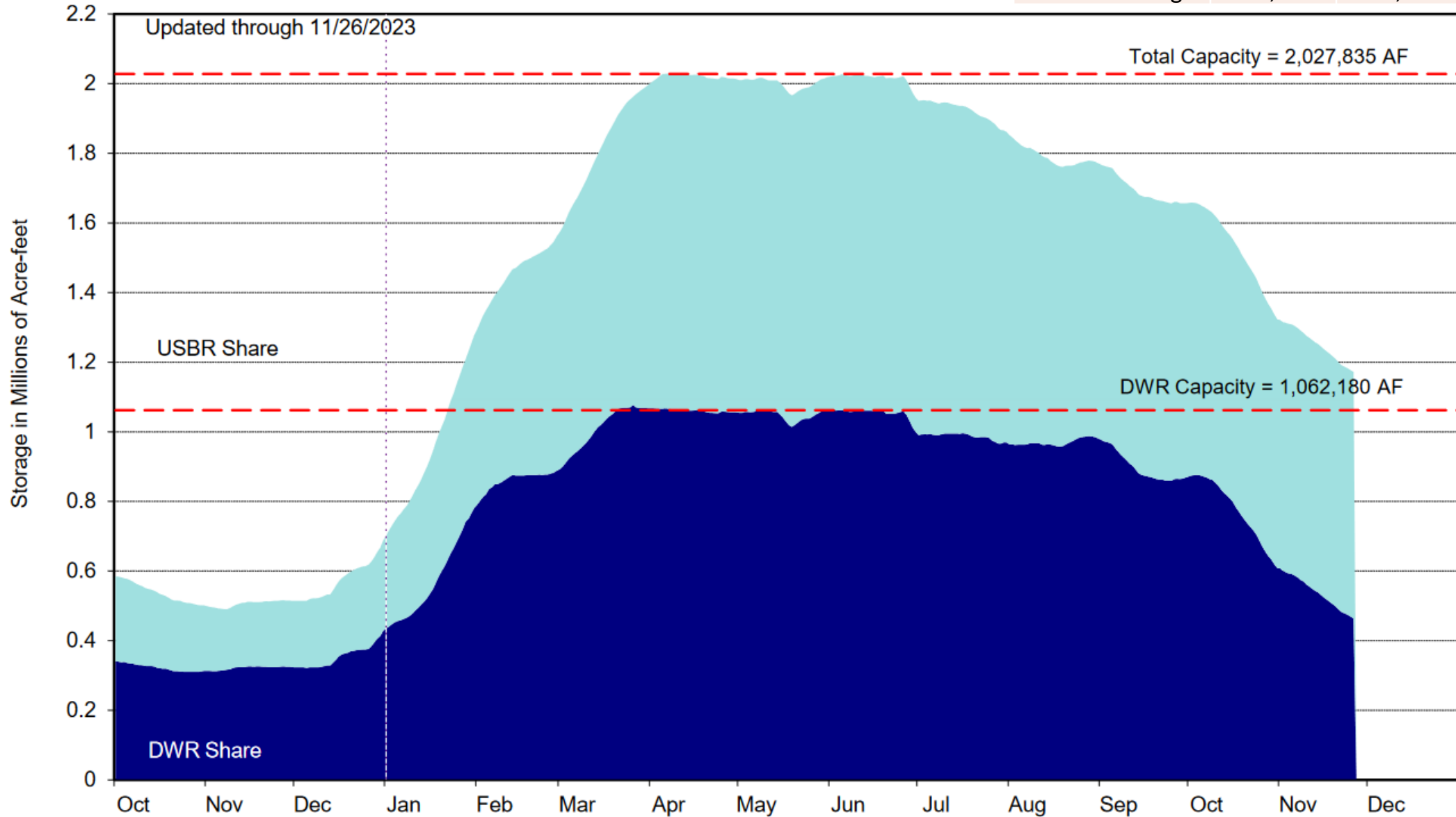
2023 Allocated Table A and Estimated Deliveries



San Luis Reservoir Storage

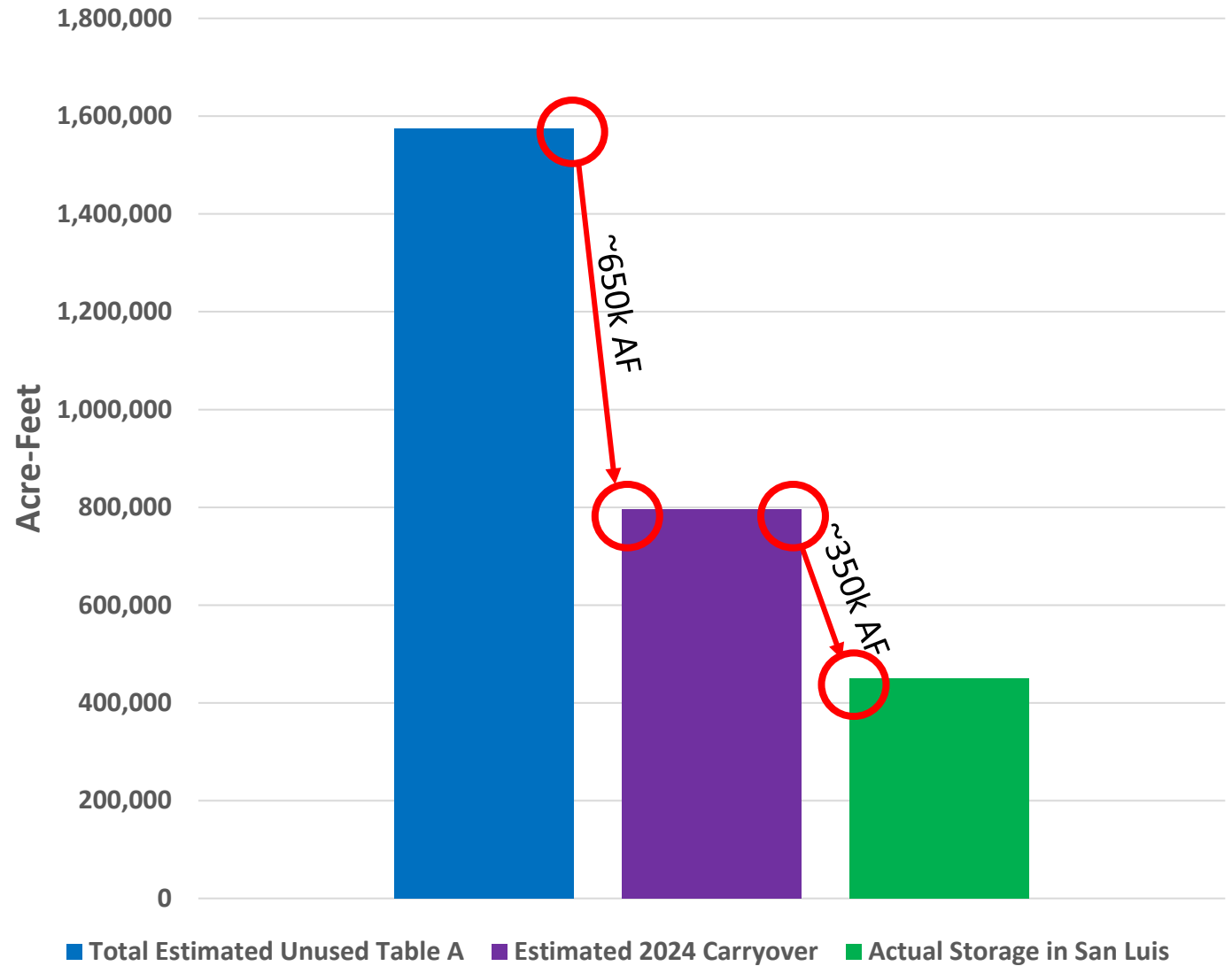
Combination Water/Calendar Year

	State	Federal
Current Storage	450,000	700,000
Max Storage	1,062,000	965,000
Unused Storage	612,000	265,000



~1.6M acre-feet of Table A is estimated to be unused by the end of 2023. The available carryover storage in San Luis Reservoir is ~450k acre-feet

2023 Unused Table vs. San Luis Reservoir Max Storage



One caveat to carryover is that in a 100% allocation year, only 50% of the contracted Table A can be carried over into the next year

Carryover at 50% of Table A			
(All Values in Acre-Feet)			
Type of Water	Max Carryover amount at 100% Allocation	Anticipated Carryover Going into 2024	Certainty Going into 2024
SGPWA Table A	8,650	8,221	Higher Certainty
Ventura Table A	5,000	5,000	Lower Certainty
Total	13,650	13,221	-

* If Article 21 (large storm events) is available on January 1, 2024, then the carryover amount will likely be "0," BUT SGPWA would likely be delivering Article 21.

The initial allocation was set at 10%

2024 Water Portfolio Scenarios

All Values in Acre-Feet

	10%
Carryover	13,221
SGPWA Table A	1,730
Ventura Table A	1,000
Nickel Water	1,700
AVEK Return Exchange	-
Beaumont Basin Storage Account	500
Dry Year	300
Article 21	-
Total Available Supply	18,451

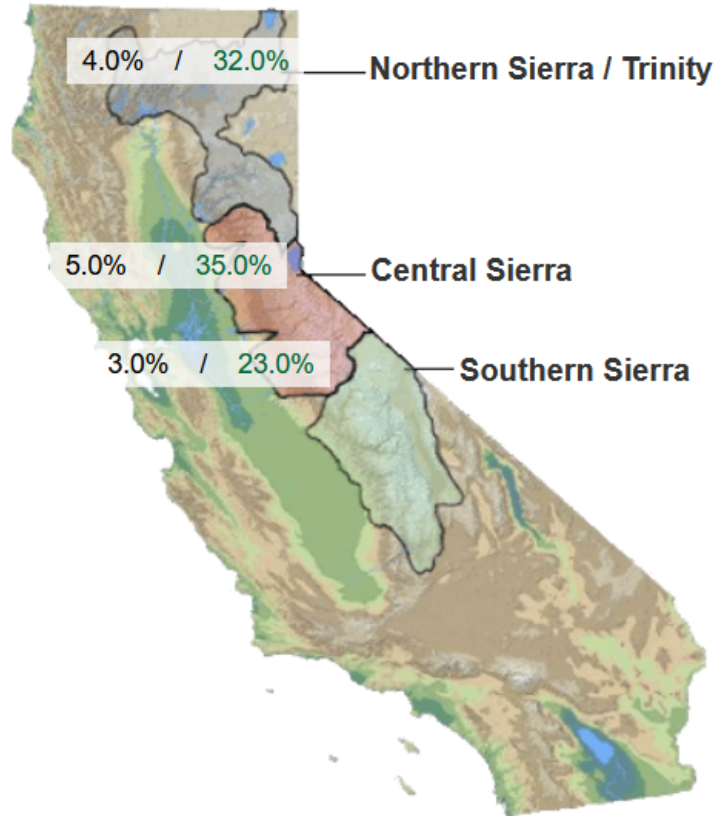
“California’s water year is off to a relatively dry start. While we are hopeful that this El Niño pattern will generate wet weather, this early in the season we have to plan with drier conditions in mind,” said DWR Director Karla Nemeth. “California’s water supply continues to benefit from our aggressive efforts last season to capture record rain and snow melt in our reservoirs and groundwater basins.”

Snow Water Equivalents (inches)

Provided by the California Cooperative Snow Surveys

Data For: **04-Dec-2023**

% Apr 1 Avg. / % Normal for this Date



Change Date :  04-Dec-2023

NORTH

Data For: 04-Dec-2023

Number of Stations Reporting	30
Average snow water equivalent	1.2"
Percent of April 1 Average	4%
Percent of normal for this date	32%

CENTRAL

Data For: 04-Dec-2023

Number of Stations Reporting	53
Average snow water equivalent	1.3"
Percent of April 1 Average	5%
Percent of normal for this date	35%

SOUTH

Data For: 04-Dec-2023

Number of Stations Reporting	27
Average snow water equivalent	0.7"
Percent of April 1 Average	3%
Percent of normal for this date	23%

STATEWIDE SUMMARY

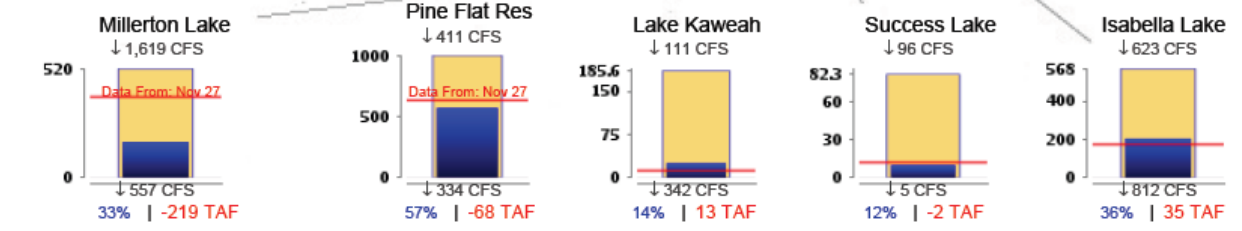
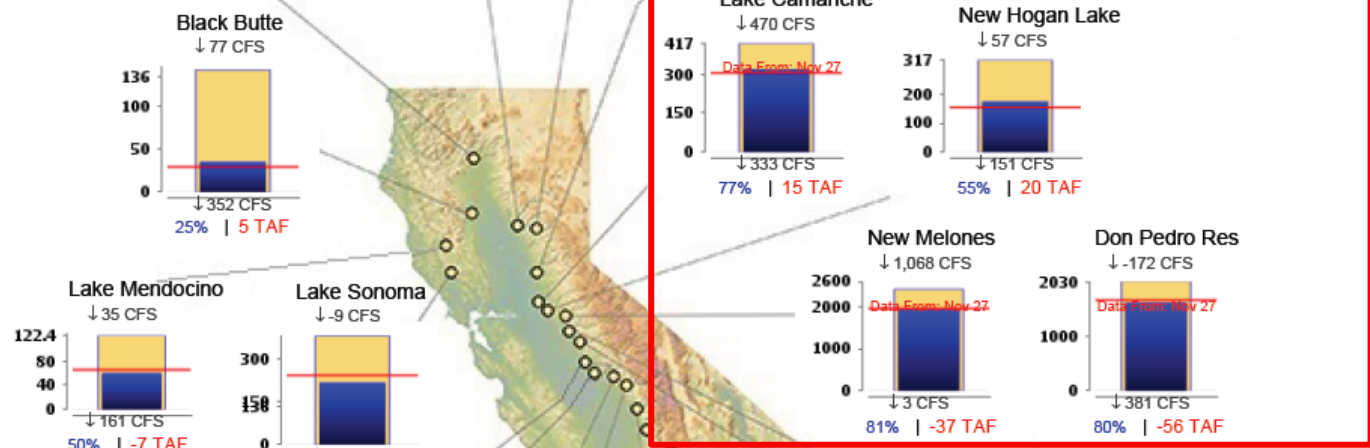
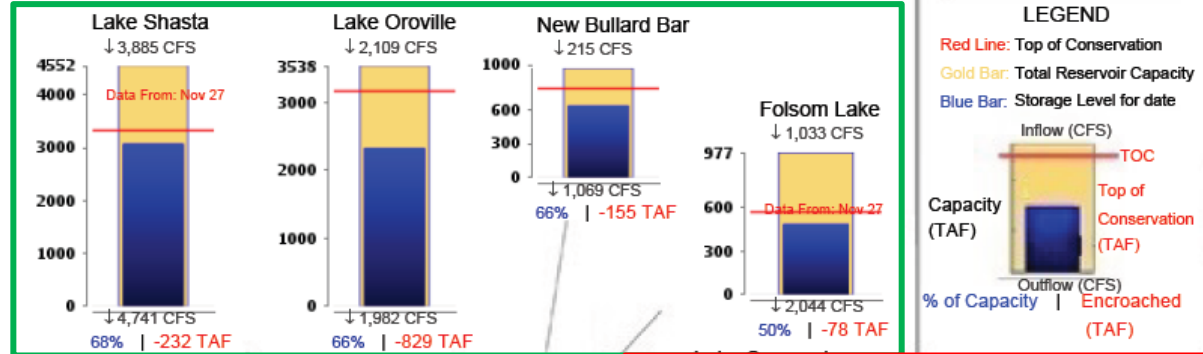
Data For: 04-Dec-2023

Number of Stations Reporting	110
Average snow water equivalent	1.1"
Percent of April 1 Average	4%
Percent of normal for this date	30%

[Printable Version of Current Data](#)

TOP OF CONSERVATION CONDITIONS (TOC) CENTRAL VALLEY RUSSIAN RIVER FLOOD CONTROL RESERVOIRS

Midnight - November 28, 2023



2024 is still uncertain but it's probable to be above average

2024 Water Portfolio Scenarios (Estimates)

All Values in Acre-Feet

	100%	75%	50%	25%	10%
Carryover	0	0	13,221	13,221	13,221
SGPWA Table A	17,300	12,975	8,650	4,325	1,730
Ventura Table A	10,000	7,500	5,000	2,500	1,000
Nickel Water	1,700	1,700	1,700	1,700	1,700
AVEK Return Exchange	3,200	3,200	3,200	-	-
Beaumont Basin Storage Account	500	500	500	500	500
Dry Year	-	-	-	300	300
Total Available Supply	32,700	25,875	32,271	22,546	18,451

* Assumption that 20k acre-feet will be delivered in 2023

* Article 21 is likely to be available in 75% or higher allocations

Takeaways...



Actively participated in the California water market



2023 is the first year we delivered Article 21 water



Staff worked diligently to bring the total carryover amount below 13,650 AF



It's possible that the total amount of carryover going into 2024 may be reduced based on Statewide hydrology



Q4 2023 hydrology has been below average, but the reservoirs are relatively full early in the season



The initial 2024 allocation is 10% but this is conservative and is likely to increase in Q1 2024

Questions?
