



Public Hearing Item 10:

**Consider Adoption of Apr – Jun 2023
Quarterly Water Supply Strategy and
Budget for California American Water**

March 20, 2023 Regular Meeting
Staff Contacts: Jonathan Lear



CALIFORNIA AMERICAN WATER QUARTERLY WATER SUPPLY BUDGET: Apr – Jun 2023

Quarterly Water Budgets are developed in accordance with:

- SWRCB Orders 95-10, 98-04, 2002-02, and 2016-0016, Seaside Groundwater Basin Adjudication Decision, and District Rule 160 targets.
- ASR Plan – ASR is within the time window for injection through the end of May. With the forecast, there is likely 2 more months of injection.
- Table 13 Diversions are within the time window for injection and will continue for likely 2 more months at about 3.25 AF/day.
- Pure Water Monterey Operations – Will continue to recover at 355 AF for April and inject at 300 AF into the Operational Yield for May and June.



CALIFORNIA AMERICAN WATER QUARTERLY WATER SUPPLY BUDGET: Apr – Jun 2023

- Assumes full utilization of all Seaside Basin Coastal Sub-Areas native groundwater during Water Year 2023.
- Assumes ASR injection and Table 13 diversions continue through the quarter if storms maintain flows in the Carmel River above threshold values.
- Developed on March 10, 2023 by Quarterly Water Budget Group. MPWMD, Cal-Am, the California Department of Fish and Wildlife, the United States Fish and Wildlife Service the National Marine Fisheries Service, and the State Water Resources Board.

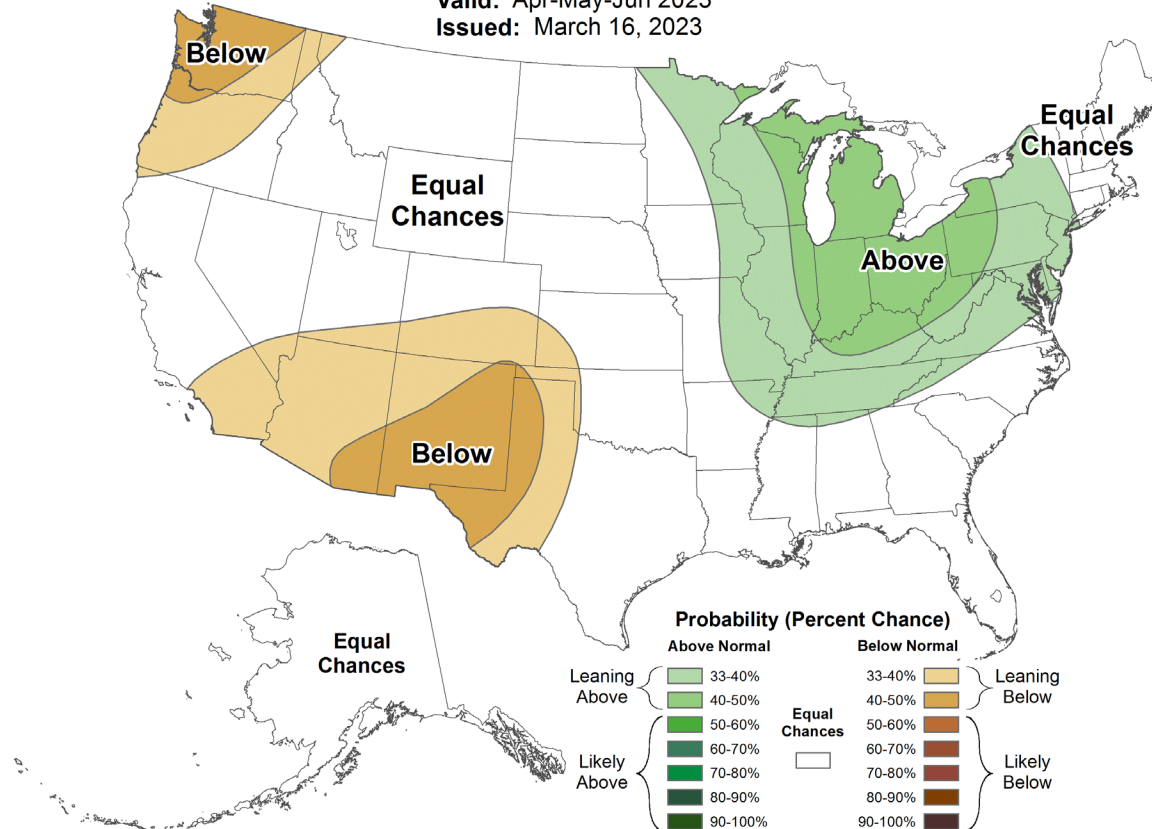
Apr through Jun 2023 Precipitation



Seasonal Precipitation Outlook



Valid: Apr-May-Jun 2023
 Issued: March 16, 2023



CALAM QUARTERLY WATER SUPPLY BUDGET: MAIN SYSTEM PRODUCTION TARGETS

Apr – Jun 2023 Proposed Production Targets for the Main System in Acre Feet

Source

ASR Injection

Carmel Valley Aquifer

Upper Subunits	0	0	0
Lower Subunits	100	150	400
ASR Diversion	300	300	0
Table 13 Diversion (Service)	<u>95</u>	<u>95</u>	<u>0</u>
Total	495	545	400

Seaside Groundwater Basin

Coastal Subareas	235	550	450
ASR Recovery	0	0	0
Sand City Desalination	25	25	25
Pure Water Monterey	355	0	0
Total	615	575	475

Use

Customer Service	715	725	875
Table 13 In Basin use	95	95	0
ASR Injection	<u>300</u>	<u>300</u>	<u>0</u>
Total	1,110	1,120	875

CALAM QUARTERLY WATER SUPPLY BUDGET: LAGUNA SECA SUBAREA SYSTEMS PRODUCTION TARGETS

Apr – Jun 2023 Proposed Production Targets for the Satellite Systems in Acre Feet

- Allocation for the Hidden Hills, Ryan Ranch, and Bishop systems was reduced to 0 AFY in WY 2018 as required by the Adjudication Decision. Cal-Am has completed the intertie between the Ryan Ranch and Bishop systems to the Main System.
- Water use in the Laguna Seca Sub-Area for WY 2023 is forecast to be 300 AF. It should be noted that CAW will supply water to the customers of these systems. Only Hidden Hills System will be supplied from wells in the Laguna Seca Sub-Area. Accordingly, actual production beyond these production targets will be subject to replenishment assessment by the Seaside Basin Watermaster.

WATER YEAR	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	TOTAL
Mean	31	22	21	21	19	22	25	32	33	37	36	32	331
Percentage	9.26%	6.69%	6.45%	6.36%	5.81%	6.66%	7.51%	9.65%	10.11%	11.04%	10.79%	9.67%	100.00%

Recommendation

- Adopt proposed water supply strategy and budget for Cal-Am's Main Water Distribution System for the second quarter of Water Year 2023, the Apr – Jun 2023 period.