



## Public Hearing Item 9:

Consider Adoption of Apr – Jun 2024  
Quarterly Water Supply Strategy and  
Budget for California American Water

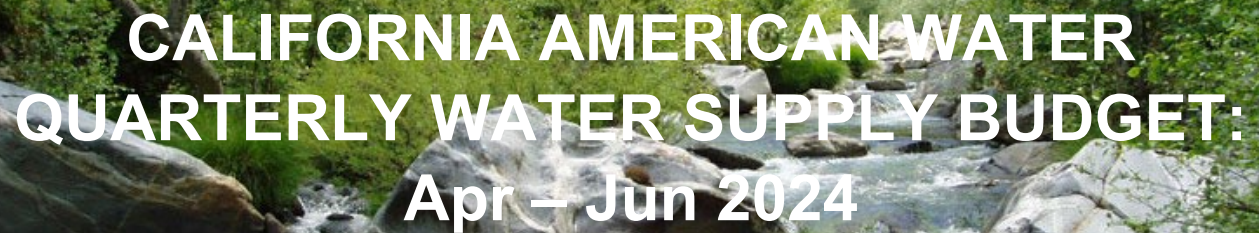
March 18, 2024 Regular Meeting  
Staff Contacts: Jonathan Lear



# CALIFORNIA AMERICAN WATER QUARTERLY WATER SUPPLY BUDGET: Apr – Jun 2024

## **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 1 to 2 more months of injection at a rate of 9 to 10 AF/day.
- Table 13 Diversions are within the time window for injection and will continue for likely 1 to 2 more months at about 3.25 AF/day.
- Pure Water Monterey Operations – Will continue to recover at 575 AF for April and May. M1W will inject 400 AF into the Operational Yield for May and June.



# CALIFORNIA AMERICAN WATER QUARTERLY WATER SUPPLY BUDGET: Apr – Jun 2024

- Assumes full utilization of all Seaside Basin Costal Sub-Areas native groundwater during Water Year 2024.
- Assumes ASR injection and Table 13 diversions continue through the quarter if storms maintain flows in the Carmel River above threshold values.
- Distributed on March 12, 2024 to the 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.

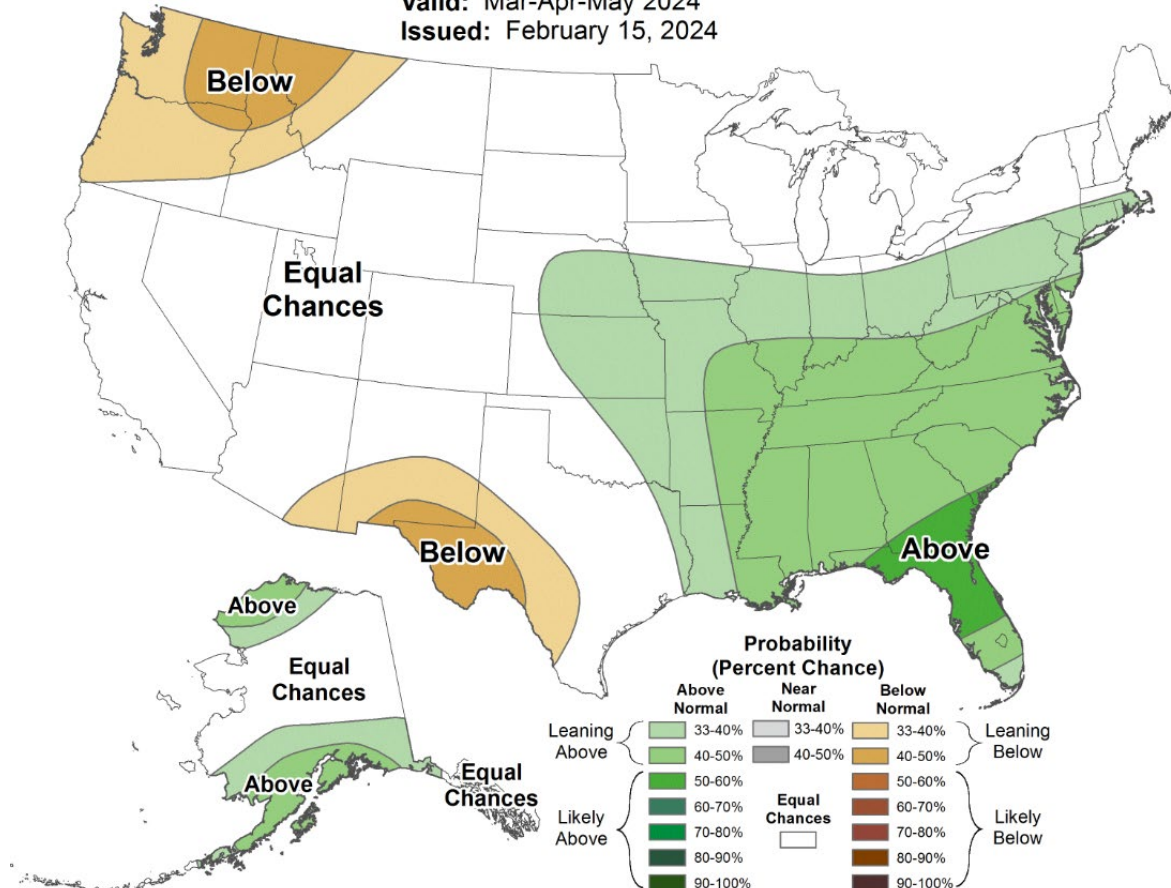
# Apr through Jun 2024 Precipitation



## Seasonal Precipitation Outlook



Valid: Mar-Apr-May 2024  
 Issued: February 15, 2024



# CALAM QUARTERLY WATER SUPPLY BUDGET: MAIN SYSTEM PRODUCTION TARGETS

Apr – Jun 2024 Proposed Production Targets for the Main System in Acre Feet

| SOURCE/USE                       | MONTH         |              |            |
|----------------------------------|---------------|--------------|------------|
|                                  | Apr-24        | May-24       | Jun-24     |
| <b><u>Source</u></b>             | ASR Injection |              |            |
| <b>Carmel Valley Aquifer</b>     |               |              |            |
| Upper Subunits                   | 200           | 200          | 0          |
| Lower Subunits                   | 125           | 300          | 350        |
| ASR Diversion                    | 200           | 200          | 0          |
| Table 13 Diversion (Service)     | <u>50</u>     | <u>50</u>    | <u>0</u>   |
| <b>Total</b>                     | <b>575</b>    | <b>750</b>   | <b>350</b> |
| <b>Seaside Groundwater Basin</b> |               |              |            |
| Coastal Subareas                 | 200           | 300          | 300        |
| ASR Recovery                     | 0             | 0            | 200        |
| Sand City Desalination           | 25            | 25           | 25         |
| Pure Water Monterey              | 375           | 200          | 0          |
| <b>Total</b>                     | <b>600</b>    | <b>525</b>   | <b>525</b> |
| <b><u>Use</u></b>                |               |              |            |
| Customer Service                 | 925           | 1,025        | 875        |
| Table 13 In Basin use            | 50            | 50           | 0          |
| ASR Injection                    | <u>200</u>    | <u>200</u>   | <u>0</u>   |
| <b>Total</b>                     | <b>1,175</b>  | <b>1,275</b> | <b>875</b> |

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

## Apr – Jun 2024 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 2024 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% |

# CALIFORNIA AMERICAN WATER QUARTERLY WATER SUPPLY BUDGET: Apr – Jun 2024

## Recommendation

- Adopt proposed water supply strategy and budget for Cal-Am's Main Water Distribution System for the second quarter of Water Year 2024, the Apr – Jun 2024 period.