



## **Public Hearing Item 11:**

**Consider Adoption of Jan – Mar 2021  
Quarterly Water Supply Strategy and  
Budget for California American Water**

December 14, 2020, Regular Meeting  
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# CALIFORNIA AMERICAN WATER QUARTERLY WATER SUPPLY BUDGET: Jan – Mar 2021

## **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, however in stream flow requirements have not been reached.
- Table 13 Diversions are within the time window for injection, however in stream flow requirements have not been reached.
- Pure Water Monterey Operations – Will continue to recover but at a reduced rate through the winter.

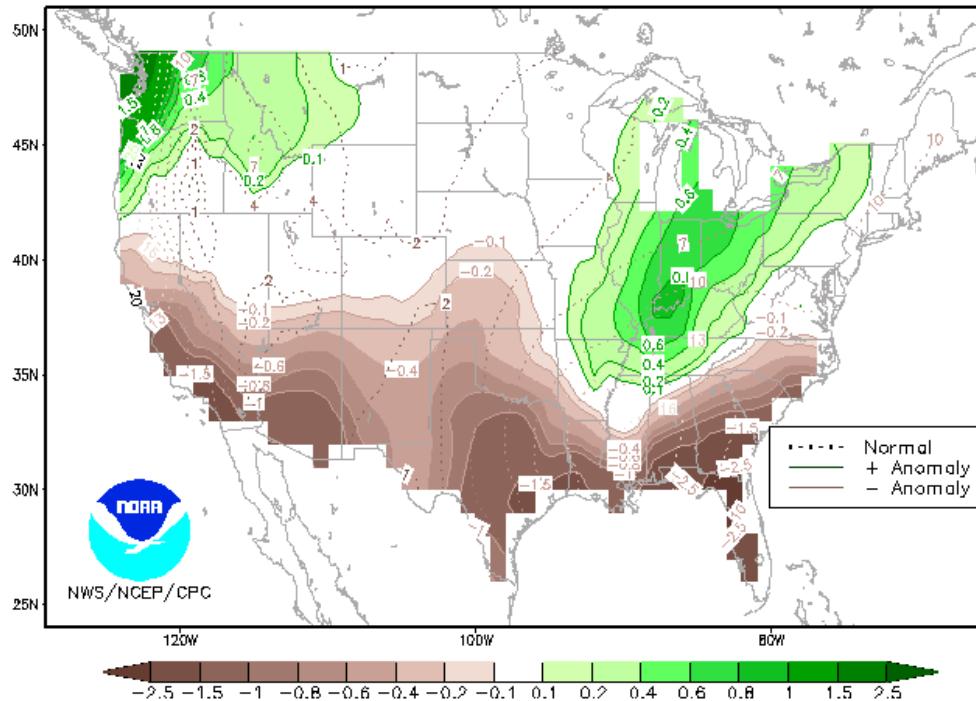
# CALIFORNIA AMERICAN WATER QUARTERLY WATER SUPPLY BUDGET: Jan – Mar 2021

- Assumes full utilization of all Seaside Basin Coastal Sub-Areas native groundwater during Water Year 2020.
- Assumes ASR injection and Table 13 diversions continue through the quarter if storms maintain flows in the Carmel River above threshold values.
- Developed on December 5, 2019 by Quarterly Water Budget Group. MPWMD, CalAm, 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.

# Jan through Mar 2021 Precipitation

## Anomaly (inches) of the Mid-value of the 3-Month Precipitation Outlook Distribution for JFM 2021

Dashed lines are the median 3-month precipitation (inches) based on observations from 1981–2010. Shaded areas indicate whether the anomaly of the mid-value is positive (green) or negative (brown) compared to the 1981–2010 average. Non-shaded regions indicate that the absolute value of the anomaly of the mid-value is less than 0.1. For a given location, the mid-value of the outlook may be found by adding the anomaly value to the 1981–2010 average. There is an equal 50–50 chance that actual conditions will be above or below the anomaly of the mid-value, but not the width of the range of possibilities. For more comprehensive forecast information, please see our additional forecast products.



# Rule 160 Monthly Targets to meet Customer Demand

| Month     | Monthly Target | Year-to-Date at Month-End Target |
|-----------|----------------|----------------------------------|
| October   | 802            | 802                              |
| November  | 656            | 1,458                            |
| December  | 607            | 2,065                            |
| January   | 664            | 2,729                            |
| February  | 594            | 3,323                            |
| March     | 693            | 4,016                            |
| April     | 697            | 4,713                            |
| May       | 793            | 5,506                            |
| June      | 791            | 6,297                            |
| July      | 848            | 7,145                            |
| August    | 851            | 7,996                            |
| September | 788            | 8,784                            |
| TOTAL     | 8,784          | ---                              |

# CALAM QUARTERLY WATER SUPPLY BUDGET: MAIN SYSTEM PRODUCTION TARGETS

Jan – Mar 2021 Proposed Production Targets for the Main System in Acre Feet

| SOURCE/USE                              | MONTH      |            |              |
|---|------------|------------|--------------|
|   | Jan-21     | Feb-21     | Mar-21       |
| <b><u>Source</u></b>                    |            |            |              |
| <b><u>Carmel Valley Aquifer</u></b>     |            |            |              |
| Upper Subunits (Service)                | 0          | 0          | 0            |
| Lower Subunits (Service)                | 390        | 319        | 418          |
| ASR Diversion                           | 230        | 320        | 345          |
| Table 13 Diversion (Service)            | <u>38</u>  | <u>52</u>  | <u>0</u>     |
| <b>Total</b>                            | 658        | 691        | 763          |
| <b>Total to count against CDO</b>       | <b>658</b> | <b>691</b> | <b>468</b>   |
| <b><u>Seaside Groundwater Basin</u></b> |            |            |              |
| Coastal Subareas                        | 100        | 100        | 100          |
| Phase 1 and 2 ASR Recovery              | 0          | 0          | 0            |
| Sand City Desalination                  | 25         | 25         | 25           |
| Pure Water Monterey                     | 150        | 150        | 150          |
| <b>Total</b>                            | 275        | 275        | 275          |
| <b><u>Total for All Sources</u></b>     | <b>933</b> | <b>966</b> | <b>1,038</b> |
| <b><u>Use</u></b>                       |            |            |              |
| Customer Service                        | 665        | 594        | 693          |
| Phase 1 and 2 ASR Storage               | 230        | 320        | 345          |
| Table 13 In Basin use                   | <u>38</u>  | <u>52</u>  | <u>0</u>     |
| <b>Total</b>                            | <b>933</b> | <b>966</b> | <b>1,038</b> |

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

## Jan – Mar 2021 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. CalAm has plans to intertie the Laguna Seca Systems to the Main System and is currently seeking a moratorium on new meters and intensification of use in Laguna Seca.
- Water use in the Laguna Seca Sub-Area for WY 2020 is forecast to be 300 AF. It should be noted that CAW will supply water to the customers of these systems. Accordingly, actual production beyond these production targets will be subject to replenishment assessment by the Seaside Basin Watermaster.

| SOURCE/USE                | MONTH  |        |        |
|---------------------------|--------|--------|--------|
|                           | Jan-21 | Feb-21 | Mar-21 |
| <b><u>Source</u></b>      |        |        |        |
| Seaside Groundwater Basin |        |        |        |
| Laguna Seca Subarea       | 0      | 0      | 0      |
| Other                     | 0      | 0      | 0      |
| <b><u>Use</u></b>         |        |        |        |
| Customer Service          | 21     | 19     | 22     |

# CALIFORNIA AMERICAN WATER QUARTERLY WATER SUPPLY BUDGET: Jan – Mar 2021

## Recommendation

- Adopt proposed water supply strategy and budget for CalAm's Main and Laguna Seca water distribution systems for the first quarter of Water Year 2021, the Jan – Mar 2021 period.