



Public Hearing Item 10:

**Consider Adoption of Jan – Mar 2020
Quarterly Water Supply Strategy and
Budget for California American Water**

December 16, 2019, Regular Meeting
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CALIFORNIA AMERICAN WATER QUARTERLY WATER SUPPLY BUDGET: Jan – Mar 2020

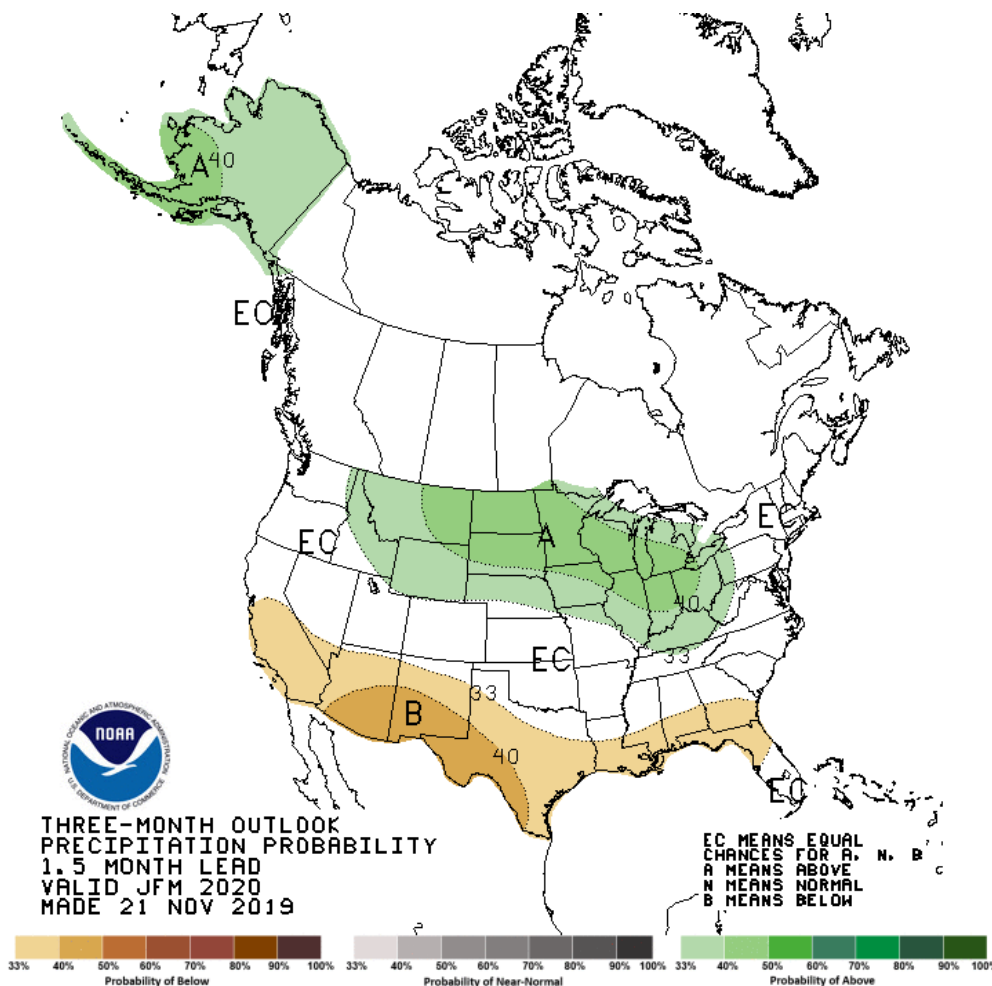
Quarterly Water Budgets are developed in accordance with:

- SWRCB Orders 95-10, 98-04, 2002-02, and 2016-0016, Seaside Groundwater Basin Adjudication Decision, and District Rule 160 targets.
- ASR Plan – ASR injection began December 2nd in response to the December 1 storm event which filled and spilled Los Padres and breached the Lagoon.
- Table 13 Diversions also began in response to the December 1 storm.
- Pure Water Monterey Operations - will begin to build up operational reserve with the first water available for recovery beginning in the 3rd quarter of WY 2020.

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- 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 2020 Precipitation



RULE 160 MONTHLY TARGETS TO MEET CUSTOMER DEMAND

Month	Monthly Target	Year-to-Date at Month-End Target
October	925	925
November	756	1,681
December	700	2,381
January	766	3,147
February	686	3,833
March	799	4,632
April	803	5,435
May	915	6,350
June	913	7,263
July	979	8,242
August	981	9,223
September	907	10,130
TOTAL	10,130	---

CALAM QUARTERLY WATER SUPPLY BUDGET: MAIN SYSTEM PRODUCTION TARGETS

Jan – Mar 2020 Proposed Production Targets for the Main System in Acre Feet

SOURCE/USE	MONTH		
	Jan-20	Feb-20	Mar-20
<u>Source</u>	ASR – Table 13		
<u>Carmel Valley Aquifer</u>			
Upper Subunits (Service)	100	100	100
Lower Subunits (Service)	542	460	574
ASR Diversion	230	320	345
Table 13 Diversion (Service)	<u>38</u>	<u>52</u>	<u>56</u>
Total	910	932	1,075
<u>Total to count against CDO</u>	910	932	780
<u>Seaside Groundwater Basin</u>			
Coastal Subareas	100	100	100
Phase 1 and 2 ASR Recovery	0	0	0
Sand City Desalination	<u>25</u>	<u>25</u>	<u>25</u>
Total	125	125	125
<u>Total for All Sources</u>	1,035	1,057	1,200
<u>Use</u>			
Customer Service	767	685	799
Phase 1 and 2 ASR Storage	230	320	345
Table 13 In Basin use	<u>38</u>	<u>52</u>	<u>56</u>
Total	1,035	1,057	1,200

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

Jan – Mar 2020 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-20	Feb-20	Mar-20
<u>Source</u>			
Seaside Groundwater Basin			
Laguna Seca Subarea	0	0	0
Other	0	0	0
<u>Use</u>			
Customer Service	21	19	22

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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 2020, the Jan – Mar 2020 period.