



Public Hearing Item 8:

Consider Adoption of Oct to Dec 2021
Quarterly Water Supply Strategy and
Budget for California American Water

September 20, 2021, Regular Meeting
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CALIFORNIA AMERICAN WATER QUARTERLY WATER SUPPLY BUDGET: Oct – Dec 2021

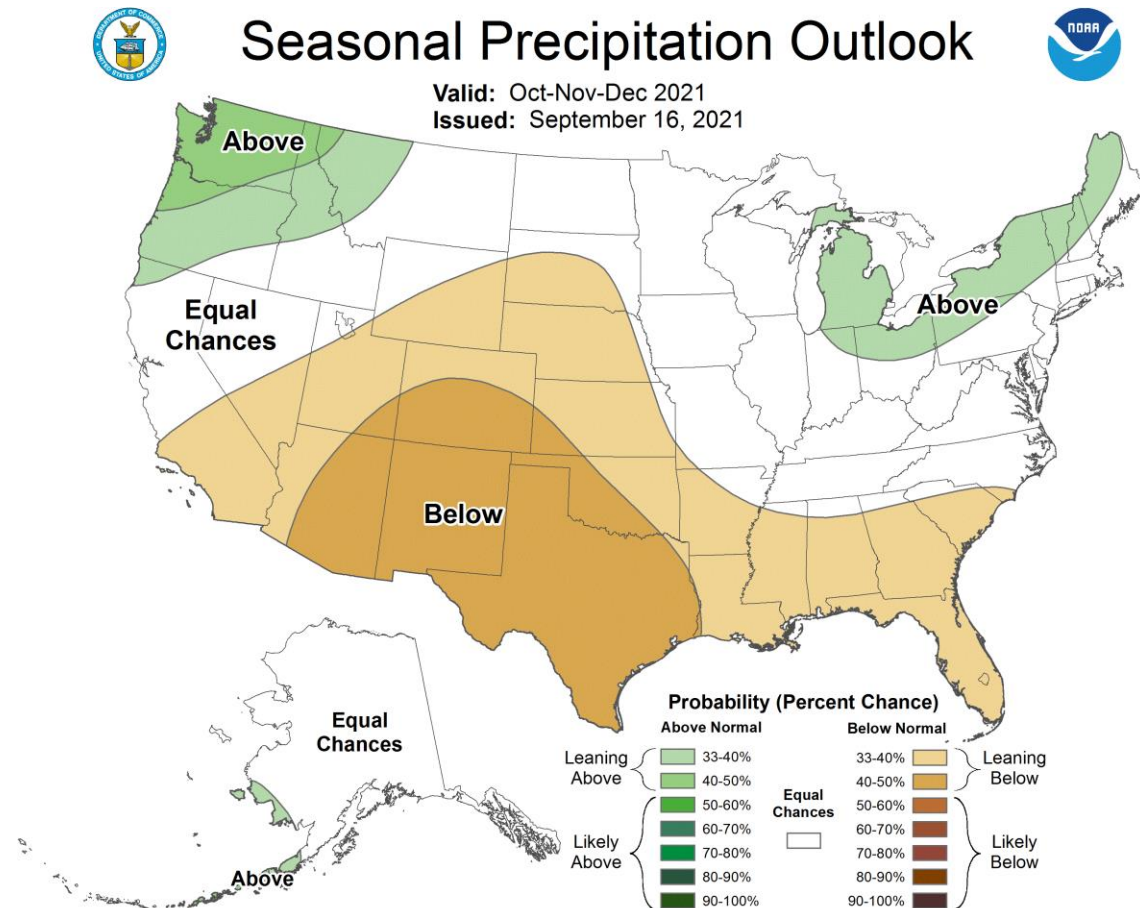
Quarterly Water Budgets are developed in accordance with:

- SWRCB Orders 95-10, 98-04, 2002-02, and 2016-0016, Seaside Groundwater Basin Adjudication Decision, District Rule 160 targets for WY 2022, and planned water resource project(s) operations.
- ASR Plan – ASR injected 66 AF in WY 2021 water year, which leaves 1,236 AF in storage. QWB Group decided to leave in storage and use in WY 2022 if necessary for drought relief. ASR diversion for WY 2022 can begin December 1 if rains support operations.
- Table 13 Diversions also can begin December 1 if rains allow.
- Pure Water Monterey Operations – The QWB Group decided that demands for the first quarter of WY 2022 should be met by Lower Carmel Valley Wells and PWM Recovery and ASR can be banked as a drought mitigation measure.

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- Assumes full utilization of all Seaside Basin Costal Sub-Areas native groundwater during Water Year 2022.
- Assumes 1,236 AF of ASR will be stored for use in later quarters of WY 2022 as drought relief if needed.
- Assumes Recovery of PWM will be close to injection rates to hold the Operational Reserve steady for the first two months of the Quarter. In December should rain allow for ASR injection, PWM extractions will decrease in compliance with SBO 98-04 and 2002-02.
- Developed on September 10, 2021 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.

Oct through Dec 2021 Precipitation



Rule 160 Monthly Targets to meet Customer Demand

Month	Monthly Target	Year-to-Date at Month-End Target
October	510	510
November	417	927
December	386	1,313
January	422	1,735
February	378	2,113
March	441	2,554
April	443	2,997
May	504	3,501
June	503	4,004
July	539	4,543
August	541	5,084
September	500	5,584
TOTAL	5,584	---

Note: This table is CVAA and Seaside Groundwater Basin allocated according to Rule 160. PWM recovery will be used to meet demand and will be allocated in the Quarterly Water Budget process.

CALAM QUARTERLY WATER SUPPLY BUDGET: MAIN SYSTEM PRODUCTION TARGETS

Oct – Dec 2021 Proposed Production Targets for the
Main System in Acre Feet

SOURCE/USE	MONTH		
	Oct-21	Nov-21	Dec-21
<u>Source</u>			
<u>Carmel Valley Aquifer</u>			
Upper Subunits (95-10)	0	0	100
Lower Subunits (95-10)	500	500	400
Diversions for Injection (ASR)	0	0	145
Upper and Lower (Table 13)	0	0	24
Total	500	500	669
<u>Seaside Groundwater Basin</u>			
Coastal Subareas	0	0	0
ASR Recovery	0	0	0
Sand City Desalination	25	25	25
Pure Water Monterey	407	310	117
Total	432	335	142
<u>Total for All Sources</u>	932	835	811
<u>Use</u>			
Customer Service (95-10 & SGB)	932	835	642
ASR Injection	0	0	145
Customer Service (Table 13)	0	0	24
Total	932	835	811

Recommendation

- Adopt proposed water supply strategy and budget for CalAm's Main System for the first quarter of Water Year 2022, the Oct – Dec 2021 period.