



Public Hearing Item 12:

**Consider Adoption of Jan – Mar 2022
Quarterly Water Supply Strategy and
Budget for California American Water**

December 13, 2021, Regular Meeting
Staff Contacts: Jonathan Lear

CALIFORNIA AMERICAN WATER QUARTERLY WATER SUPPLY BUDGET: Jan – Mar 2022

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. If rain forecast is received, triggers will be reached Wednesday
- Table 13 Diversions are within the time window for injection, however in stream flow requirements have not been reached. Same timeline for trigger as ASR.
- Pure Water Monterey Operations – Will continue to recover at 350 AF/month and inject at 300 AF/month.

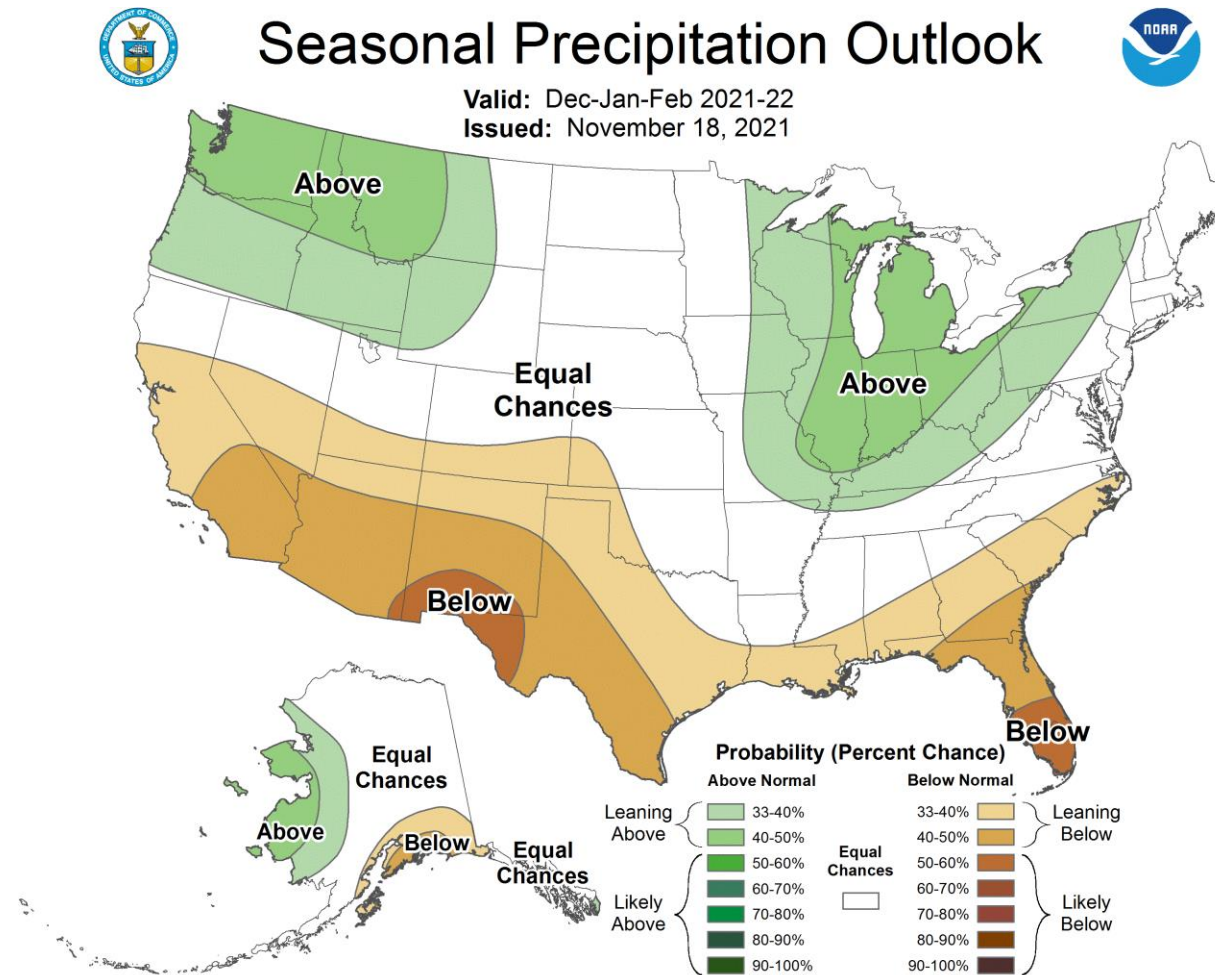
CALIFORNIA AMERICAN WATER QUARTERLY WATER SUPPLY BUDGET: Jan – Mar 2022

- Assumes full utilization of all Seaside Basin Coastal Sub-Areas native groundwater during Water Year 2022.
- Assumes ASR injection and Table 13 diversions continue through the quarter if storms maintain flows in the Carmel River above threshold values.

Yield	~5 AF/Day	None	~10 AF/Day	~10 AF/Day	~10 AF/Day	~10 AF/Day
	Dec	Jan	Feb	Mar	Apr	May
Tracer Test	Limit 1 and 2	Yes	No	No	No	No
ASR3 Recovery	Yes	Yes	Yes	Yes	Yes	Yes
Parallel Pipeline	No	No	Yes	Yes	Yes	Yes
Wells Available for inj	ASR 4	None	ASR 1 and 2	ASR 1 and 2	ASR 1 and 2	ASR 1 and 2

- Developed on December 7, 2021 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.

Jan through Mar 2022 Precipitation



CALAM QUARTERLY WATER SUPPLY BUDGET: MAIN SYSTEM PRODUCTION TARGETS

Jan – Mar 2022 Proposed Production Targets for the Main System in Acre Feet

SOURCE/USE	MONTH		
	Jan-22	Feb-22	Mar-22
<u>Source</u>	ASR – Table 13		
<u>Carmel Valley Aquifer</u>			
Upper Subunits (Service)	0	100	100
Lower Subunits (Service)	250	172	199
ASR Diversion	0	150	300
Table 13 Diversion (Service)	<u>38</u>	<u>52</u>	<u>60</u>
Total	288	474	659
<u>Seaside Groundwater Basin</u>			
Coastal Subareas	50	50	50
Phase 1 and 2 ASR Recovery	0	0	0
Sand City Desalination	25	25	25
Pure Water Monterey	350	350	350
Total	425	425	425
<u>Total for All Sources</u>	713	899	1,084
<u>Use</u>			
Customer Service	675	697	724
Phase 1 and 2 ASR Storage	0	150	300
Table 13 In Basin use	<u>38</u>	<u>52</u>	<u>60</u>
Total	713	899	1,084

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

Jan – Mar 2022 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 2022 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 2022, the Jan – Mar 2022 period.