



# Water Supply Update

Board of Directors

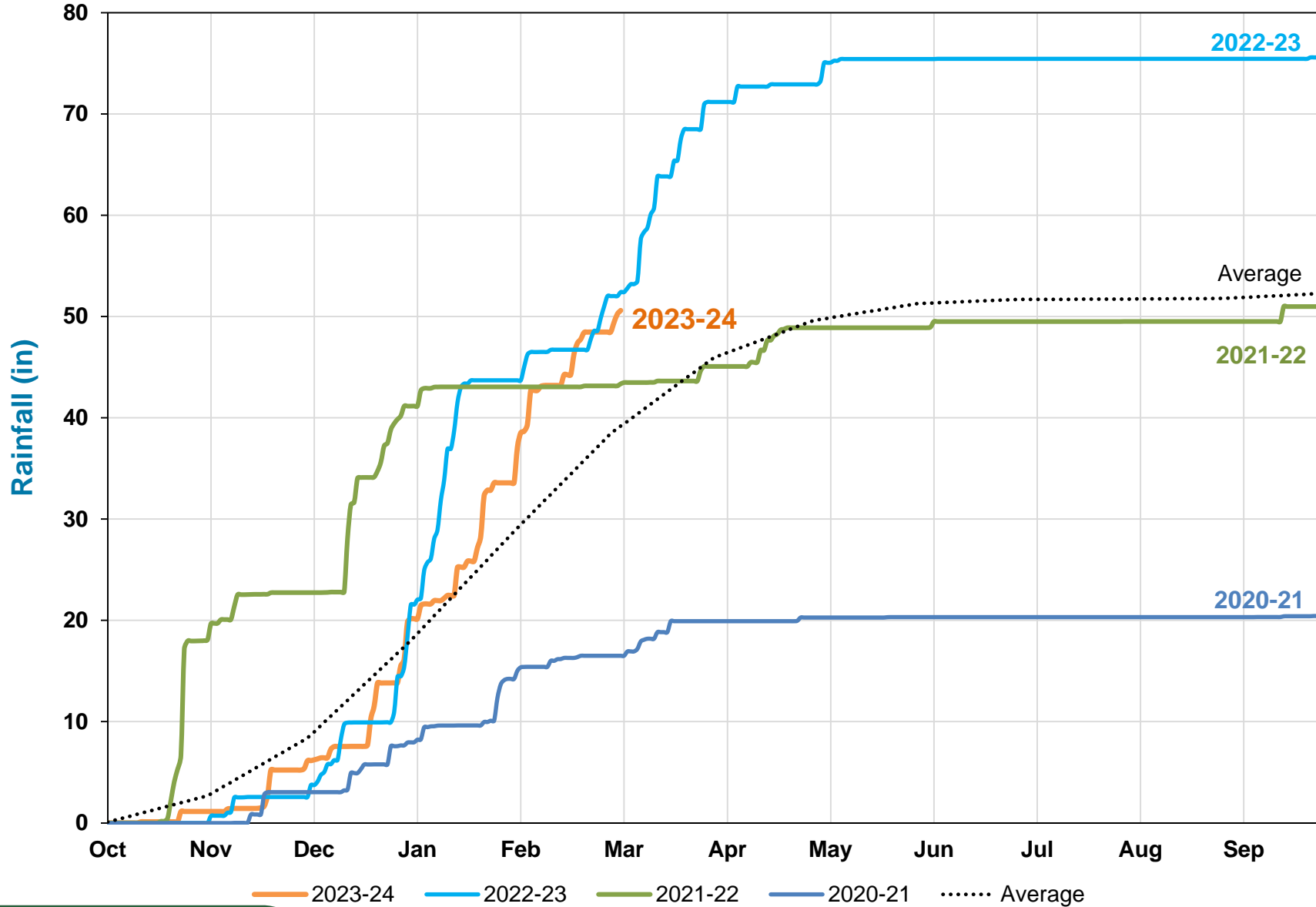
March 5, 2024



# Overview

- Update on Water Supply Conditions
- Seasonal Forecast
- Water Supply Projection
- Summary

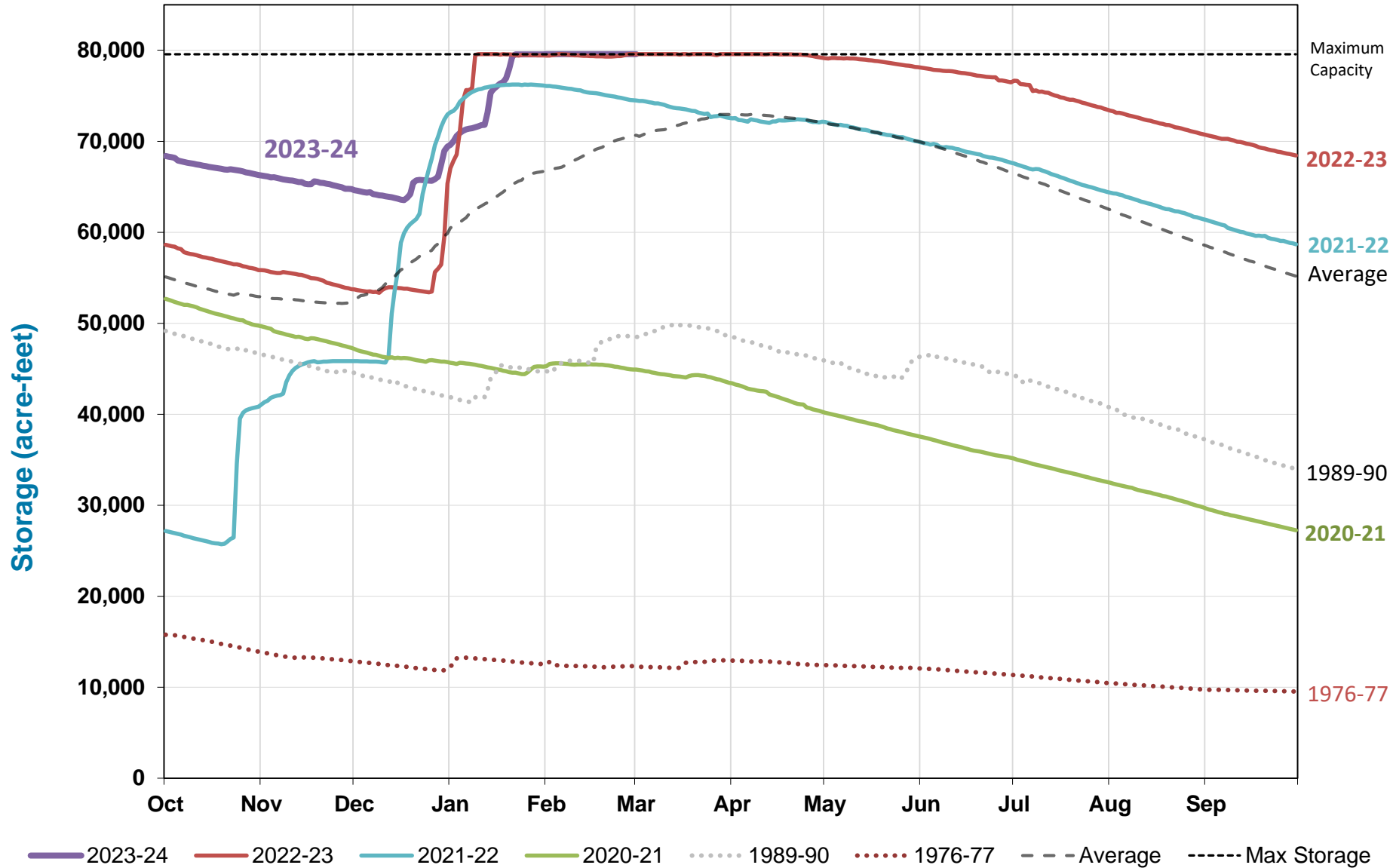
# MMWD Cumulative Rainfall (Lake Lagunitas)



Total Water Year Rainfall  
(3/4/2024): 50.4 in

129% of average for this  
date

# Total Reservoir Storage



Total Reservoir Spill (WY)	
October – February:	
Kent	~ 25,600 AF
Nicasio	~ 25,800 AF
Soulajule	~ 8,500 AF
Phoenix	~ 3,000 AF
<b>Total</b>	<b>~ 63,000 AF</b>

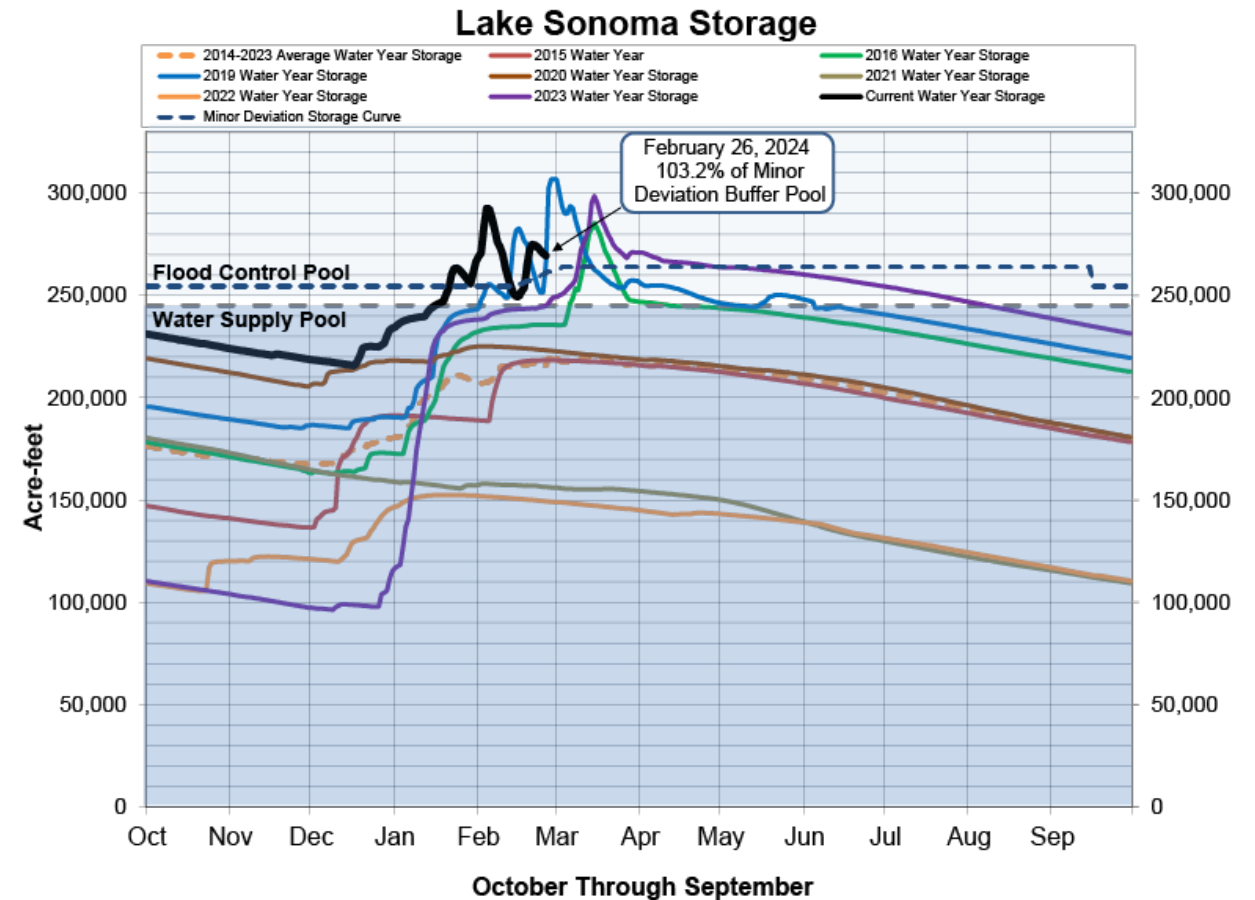
# Sonoma Water Supply Conditions

## Lake Sonoma

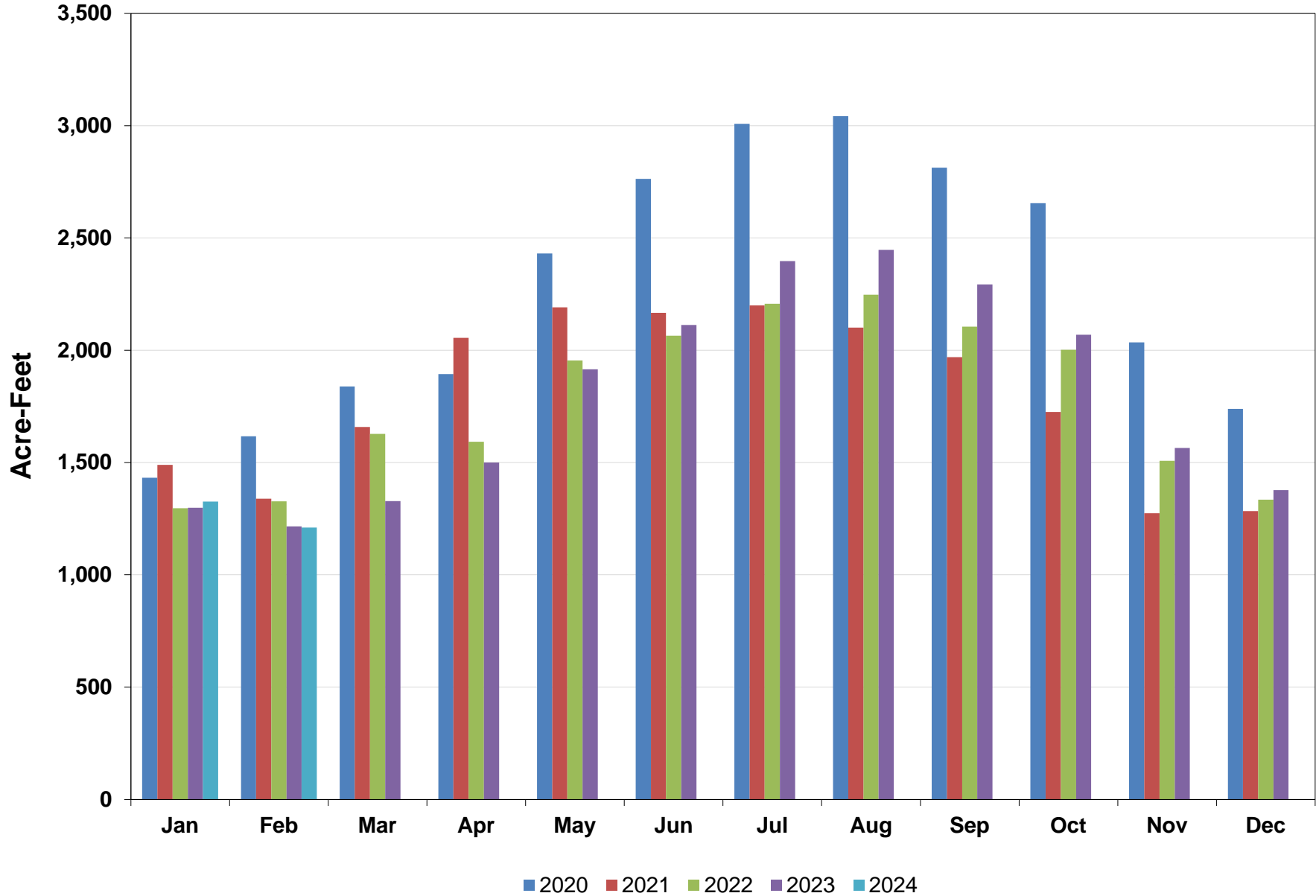
- 110% water supply pool (~122% of average)

## Lake Mendocino

- 126% of water supply storage pool



# Monthly Potable Water Production



February production remains 25% below 2020 levels

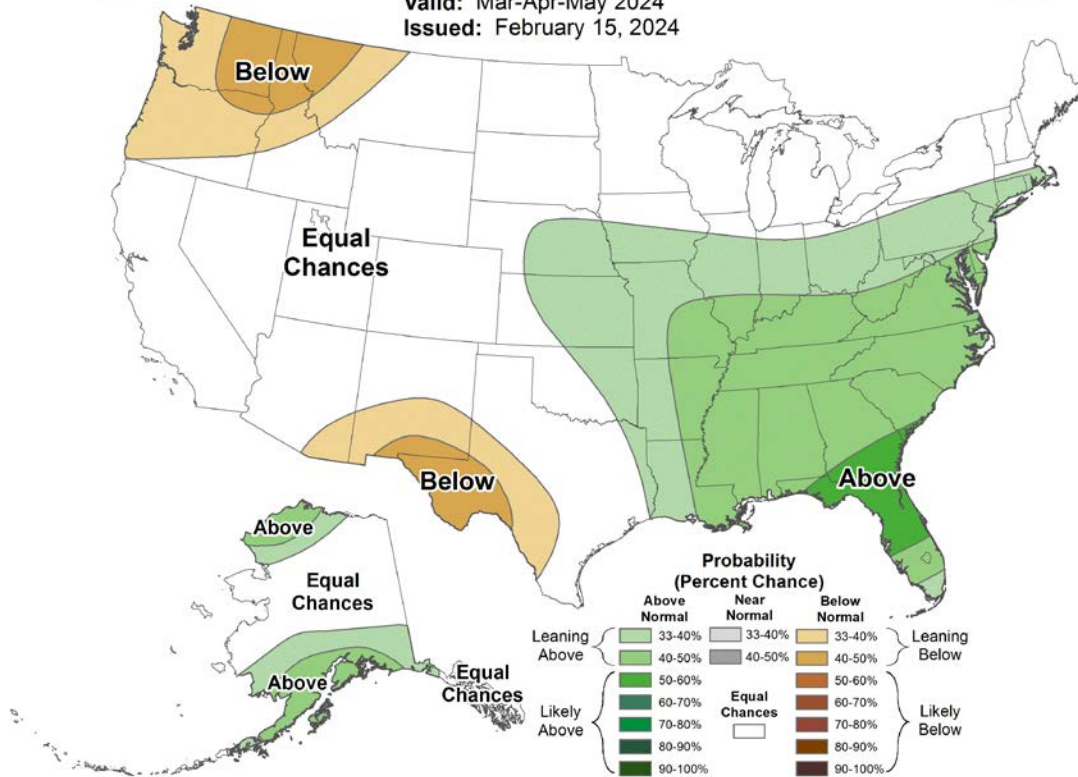
# Seasonal Forecast: NOAA (Issued 2/15)



## Seasonal Precipitation Outlook



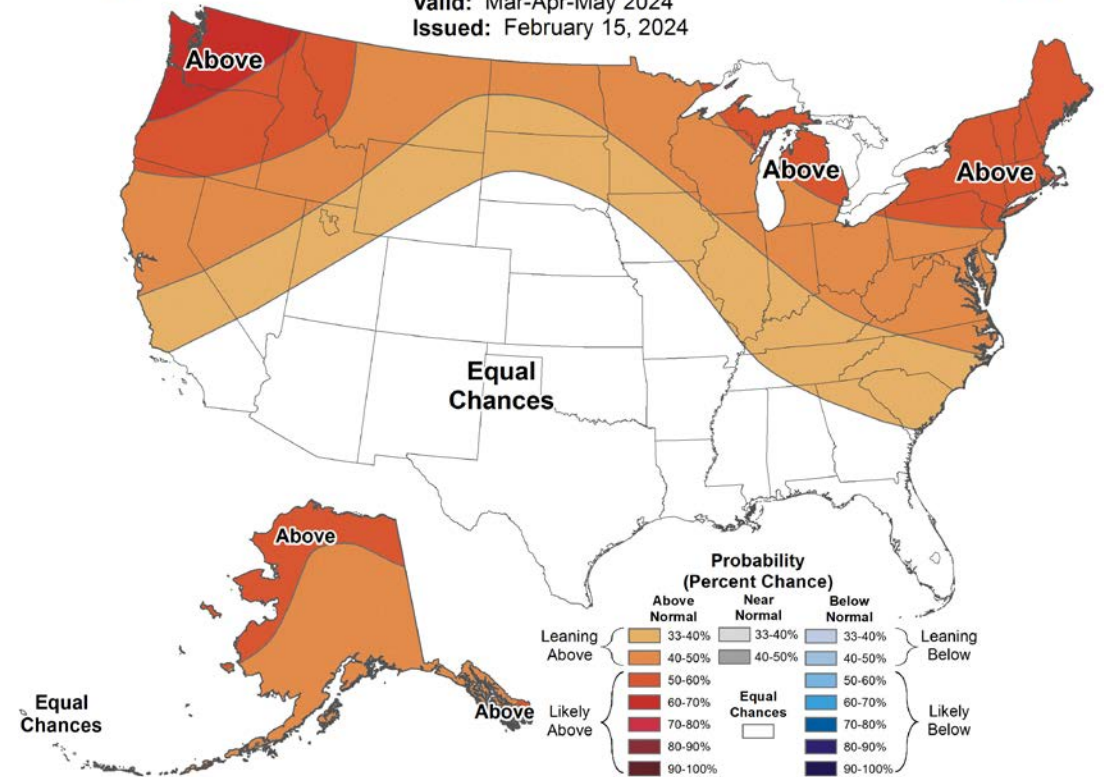
Valid: Mar-Apr-May 2024  
Issued: February 15, 2024



## Seasonal Temperature Outlook



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





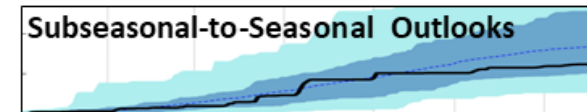
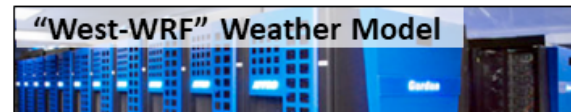
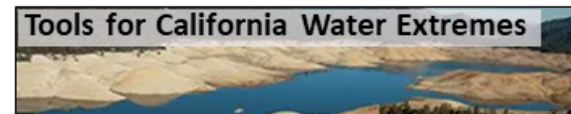
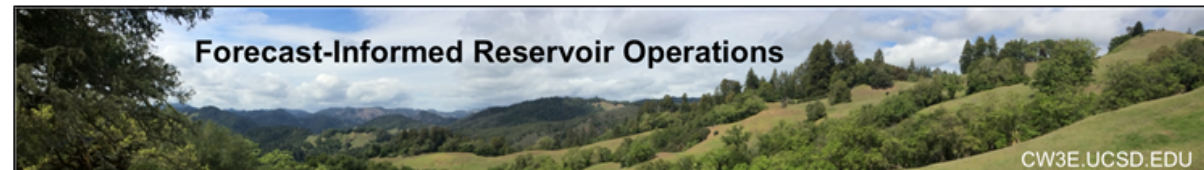
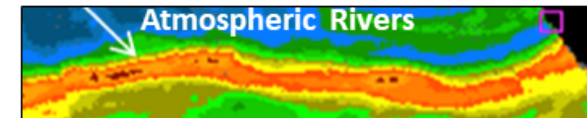
# Center for Western Weather and Water Extremes (CW3E)

- Marin Water joined the Water Affiliate Group in partnership with other water and flood control agencies in Marin
- CW3E: Improve understanding, observations, and predictions of extreme events in Western North America and impacts on floods, droughts, ecosystems, etc.



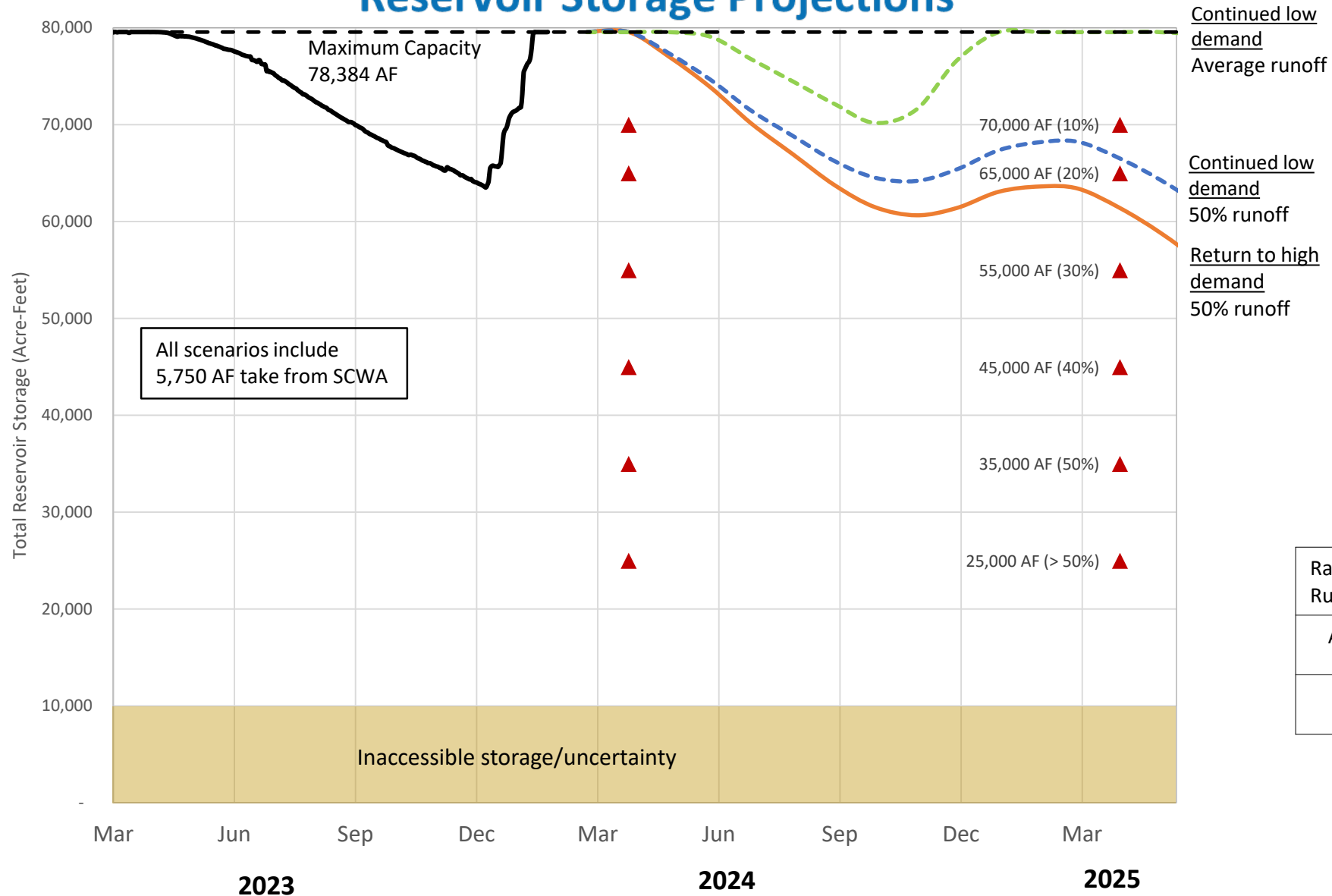
Center for Western Weather  
and Water Extremes  
SCRIPPS INSTITUTION OF OCEANOGRAPHY  
AT UC SAN DIEGO

## CW3E's Core Efforts





# Reservoir Storage Projections



Rainfall-Runoff	Total Rain (inches)	Correlated Runoff (ac-ft)
Average	52 in.	~85,000
50 %	26 in.	~17,000

— Dry year & demand increases  
 - - - Dry year & Demand remains Low  
 - - - Average Runoff  
 - - - Maximum  
 — Historical Storage  
 ▲ WSCP Triggers

# Summary

- Reservoir storage remains full with continued wet weather patterns and conservation efforts
- Continue to monitor seasonal conditions and demand trends and keep Board updated