

Water Conditions Update



Board of Directors Meeting
March 18, 2024



**Weather
&
Reservoir
Conditions**

**Forecasted
Hydrologic
and Snow
Conditions**

**2024 SWP
Allocation &
Water
Portfolio**

**SWP
Deliveries &
Recharge**



Discussion

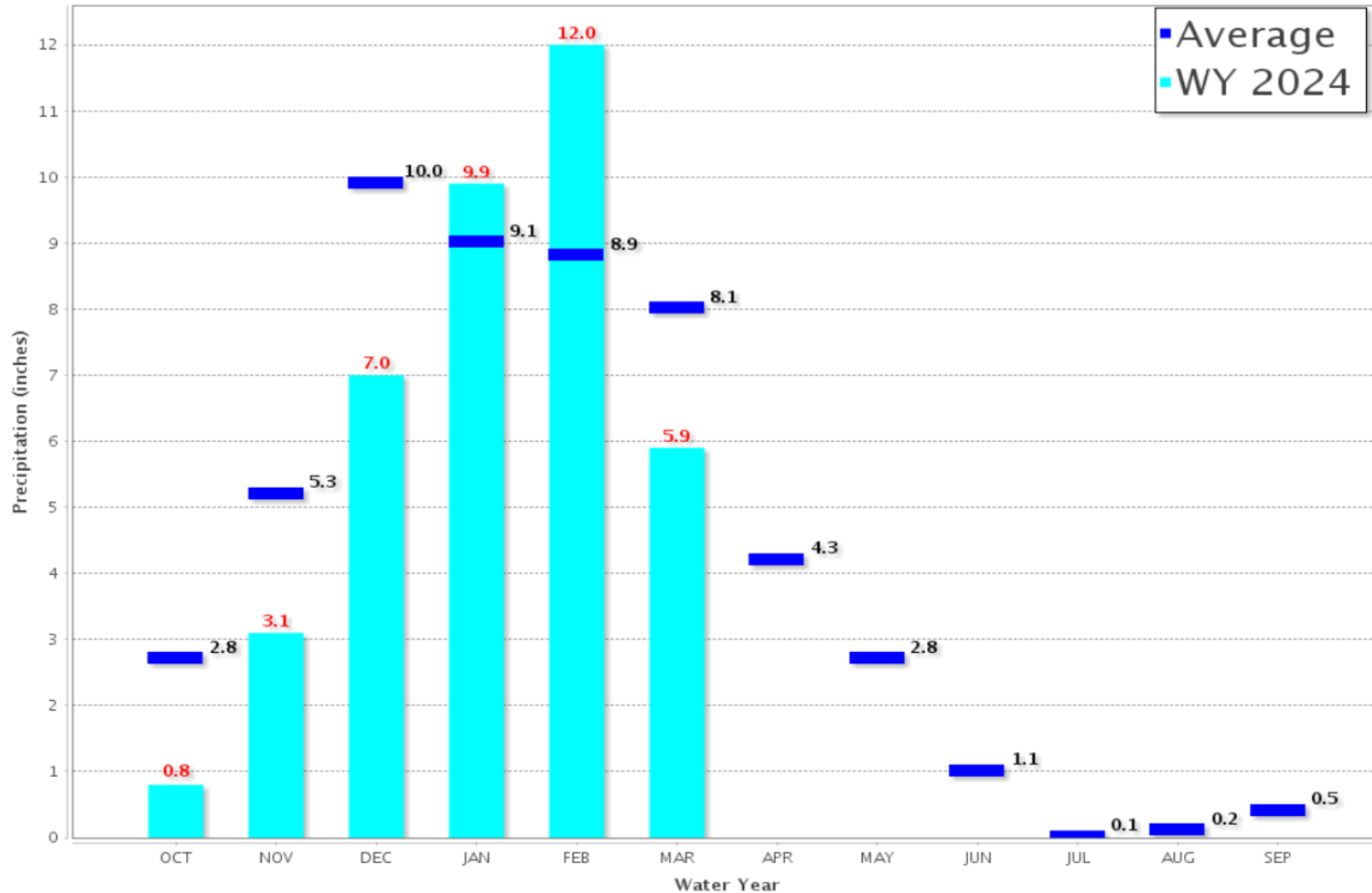


Northern Sierra 8-Station

Precipitation Index for Water Year 2024 - Updated on March 13, 2024 08:48 AM

Note: Monthly totals may not add up to seasonal total because of rounding

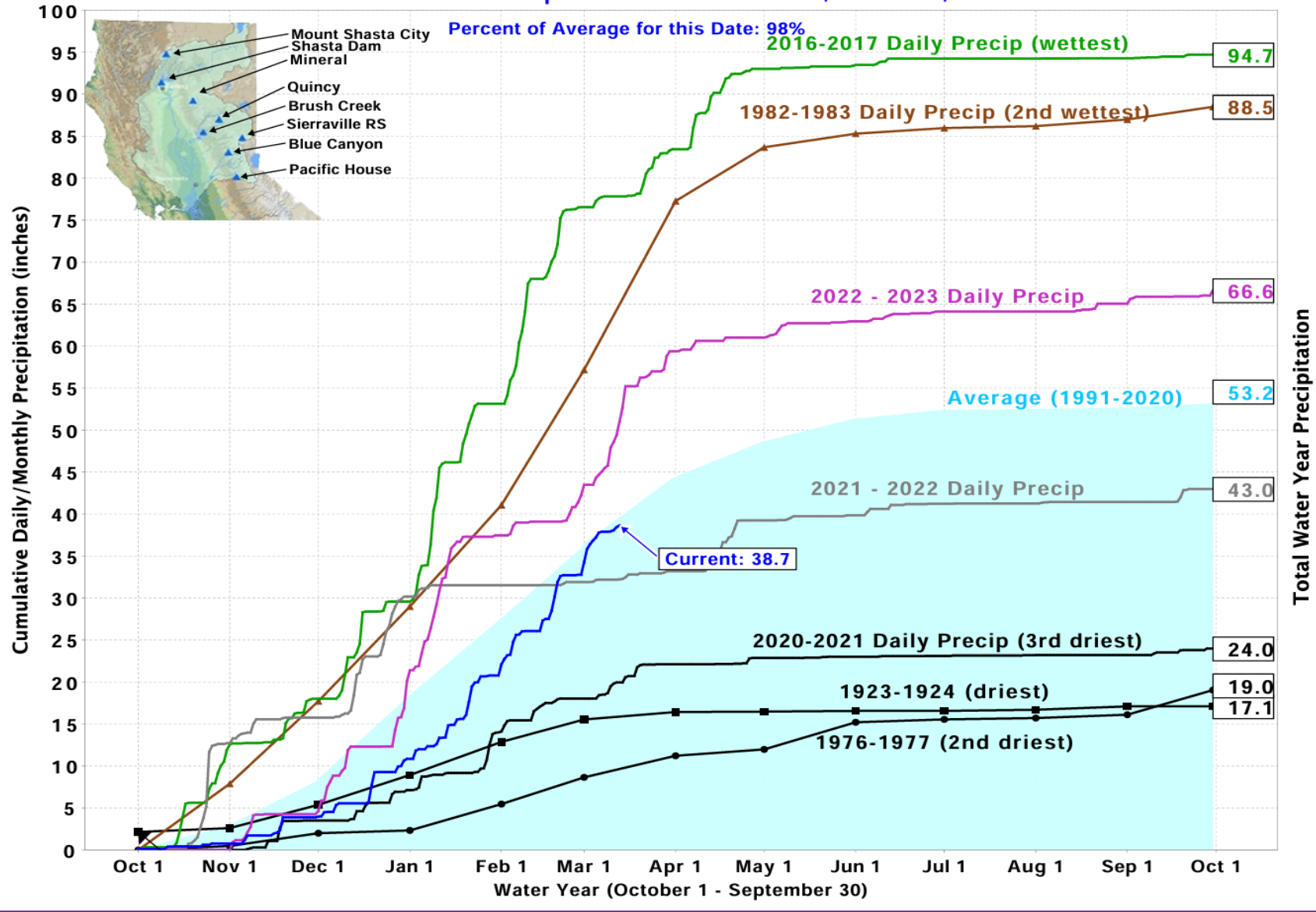
Water Year Monthly totals are calculated based on Daily precipitation data from 12am to 12am PST



State Precipitation Stations – North Sierra



Northern Sierra Precipitation: 8-Station Index, March 13, 2024

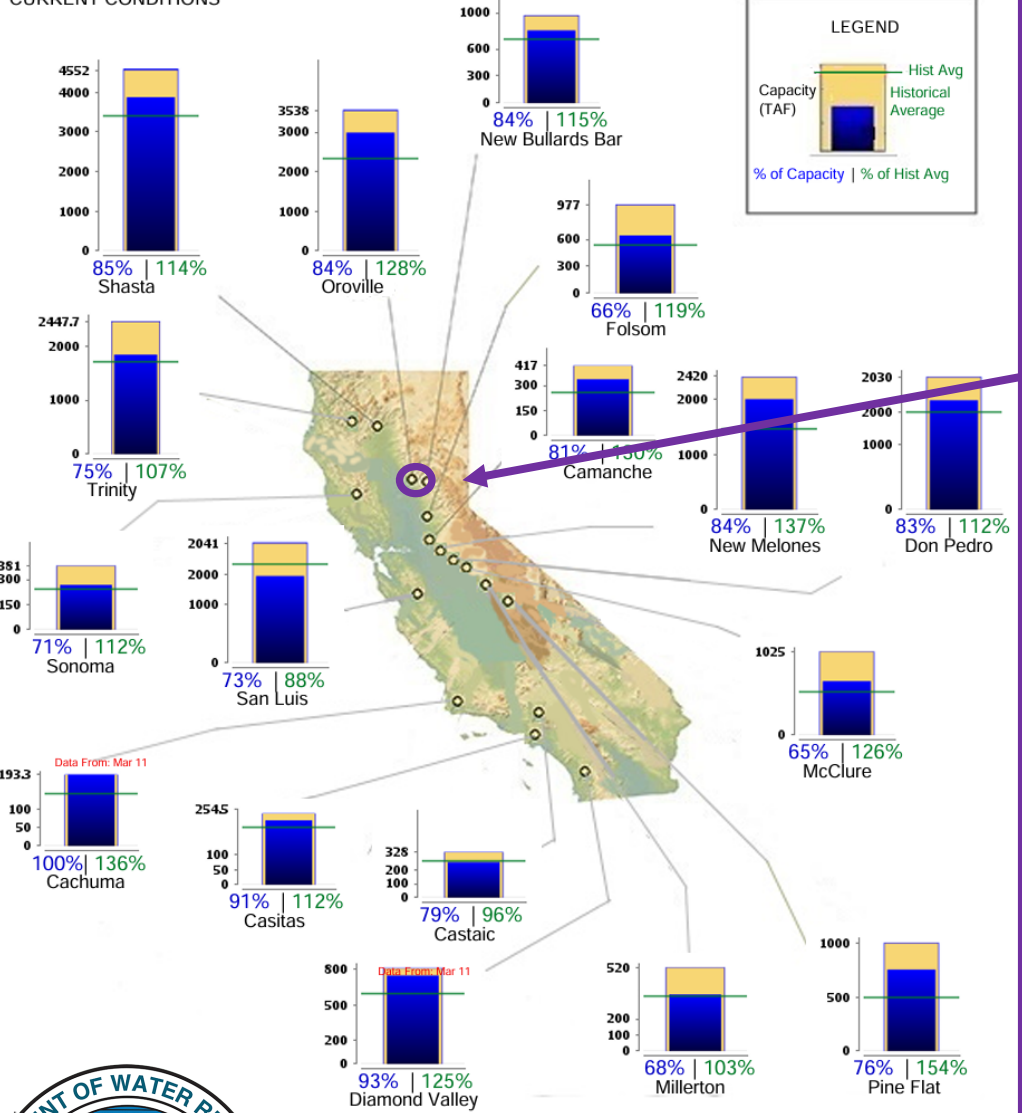


State Precipitation Stations – North Sierra

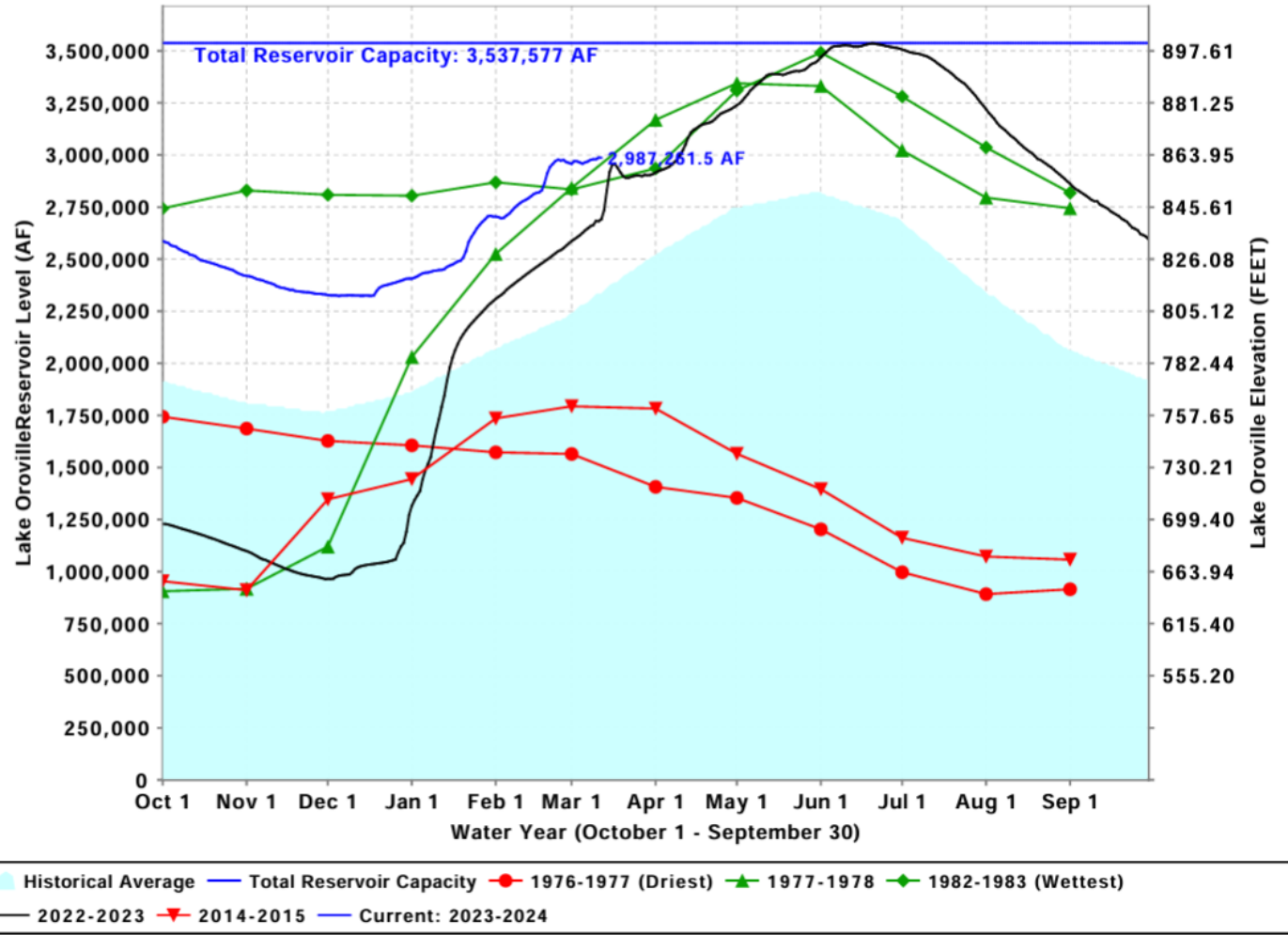
CALIFORNIA MAJOR WATER SUPPLY RESERVOIRS

CURRENT CONDITIONS

Midnight - March 12, 2024



Lake Oroville Levels: Various Past Water Years and Current Water Year, Ending At Midnight March 12, 2024



February – March Change in Storage: 75,000 AF

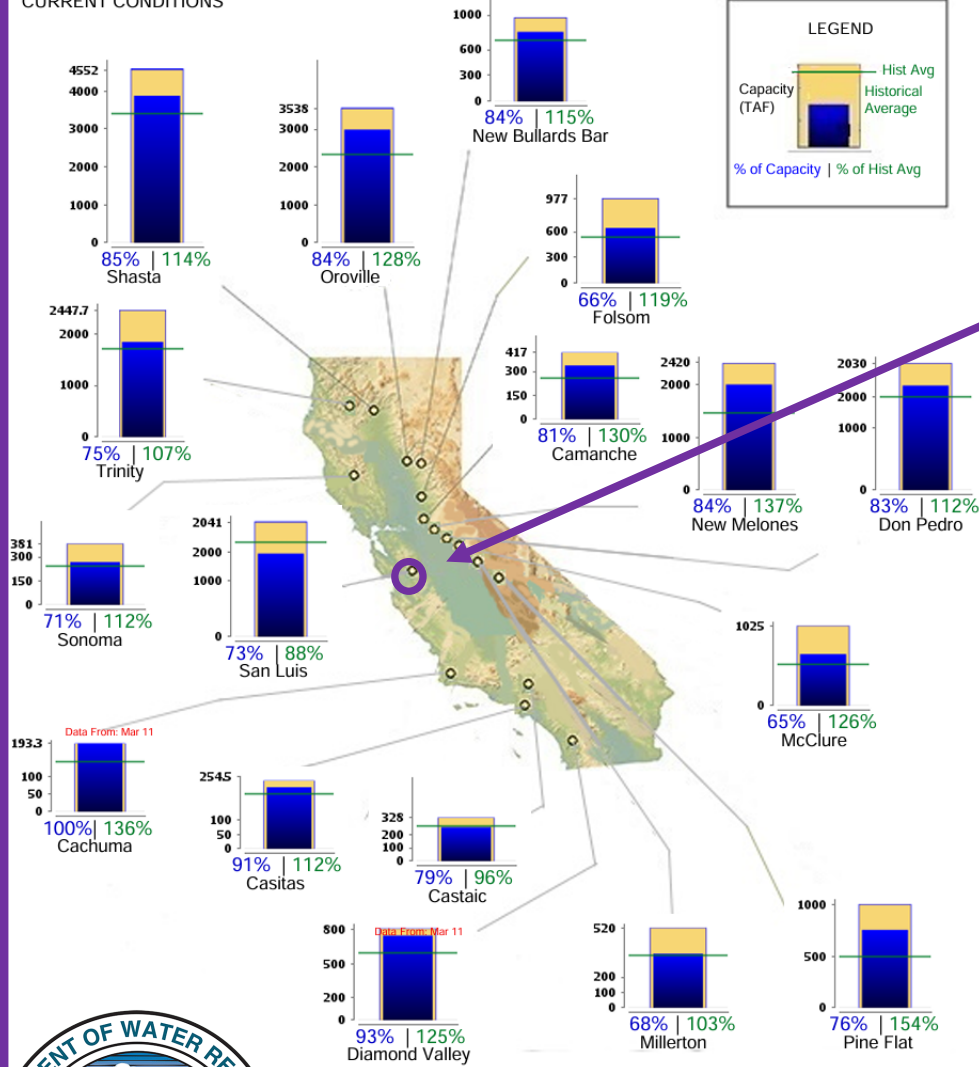
Lake Oroville Reservoir Levels



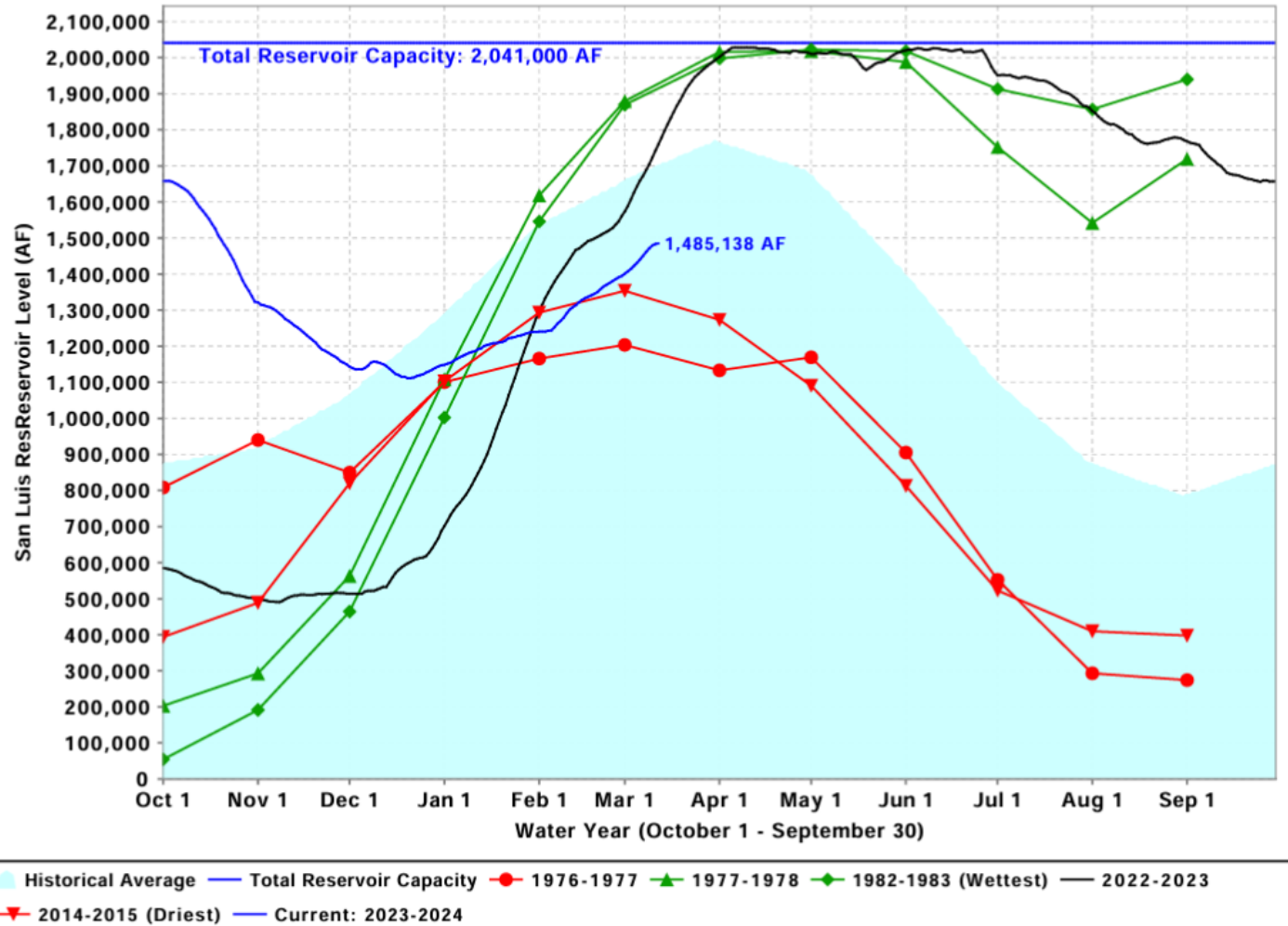
CALIFORNIA MAJOR WATER SUPPLY RESERVOIRS

CURRENT CONDITIONS

Midnight - March 12, 2024



San Luis Res Levels: Various Past Water Years and Current Water Year, Ending At Midnight March 12, 2024



February – March Change in Storage: 136,00 AF

San Luis Reservoir Levels



CURRENT REGIONAL SNOWPACK FROM AUTOMATED SNOW SENSORS

% of April 1 Average / % of Normal for This Date



NORTH	
Data as of March 12, 2024	
Number of Stations Reporting	26
Average snow water equivalent (Inches)	31.9
Percent of April 1 Average (%)	112
Percent of normal for this date (%)	117

CENTRAL	
Data as of March 12, 2024	
Number of Stations Reporting	48
Average snow water equivalent (Inches)	26.1
Percent of April 1 Average (%)	96
Percent of normal for this date (%)	101

SOUTH	
Data as of March 12, 2024	
Number of Stations Reporting	28
Average snow water equivalent (Inches)	20.1
Percent of April 1 Average (%)	90
Percent of normal for this date (%)	94

STATE	
Data as of March 12, 2024	
Number of Stations Reporting	102
Average snow water equivalent (Inches)	25.9
Percent of April 1 Average (%)	99
Percent of normal for this date (%)	104

Statewide Average: 99% / 104%

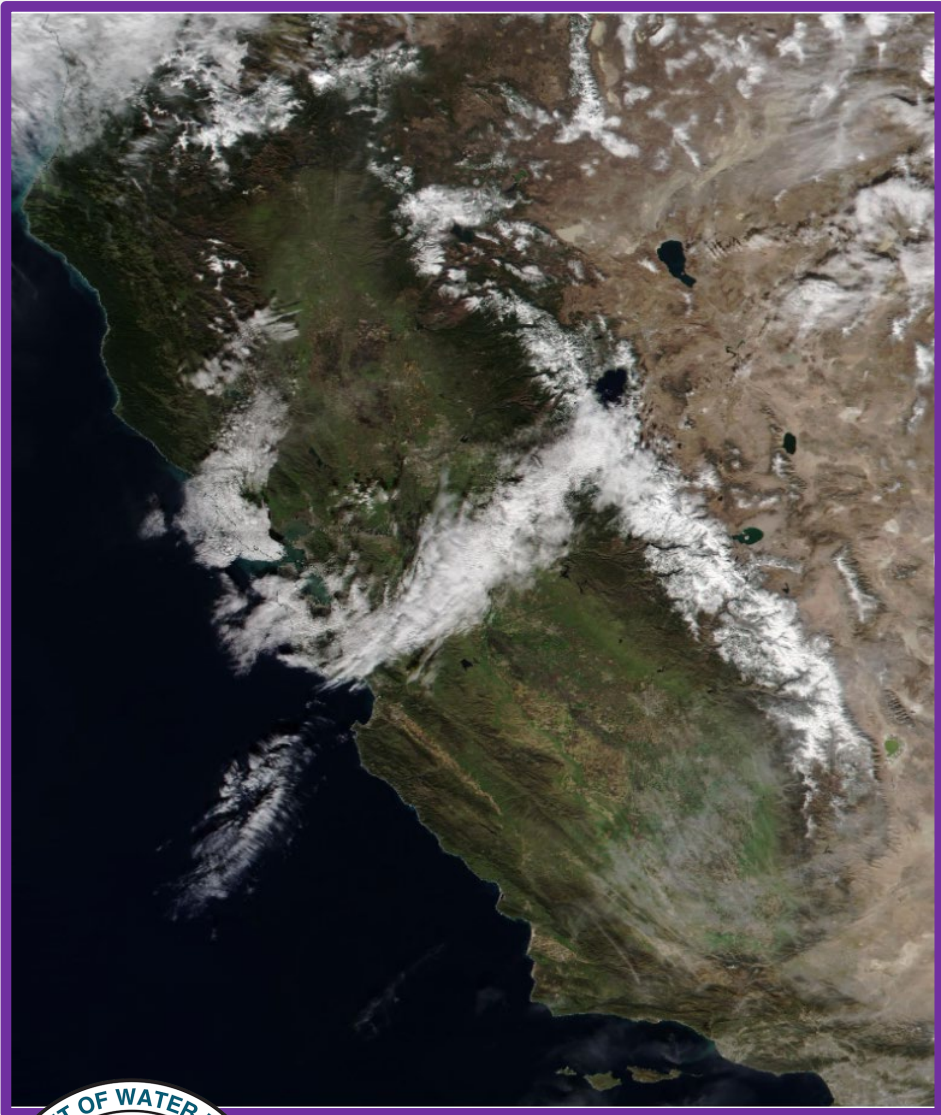


Angelique Fabbiani-Leon



Sierra Nevada Mountain Snowpack

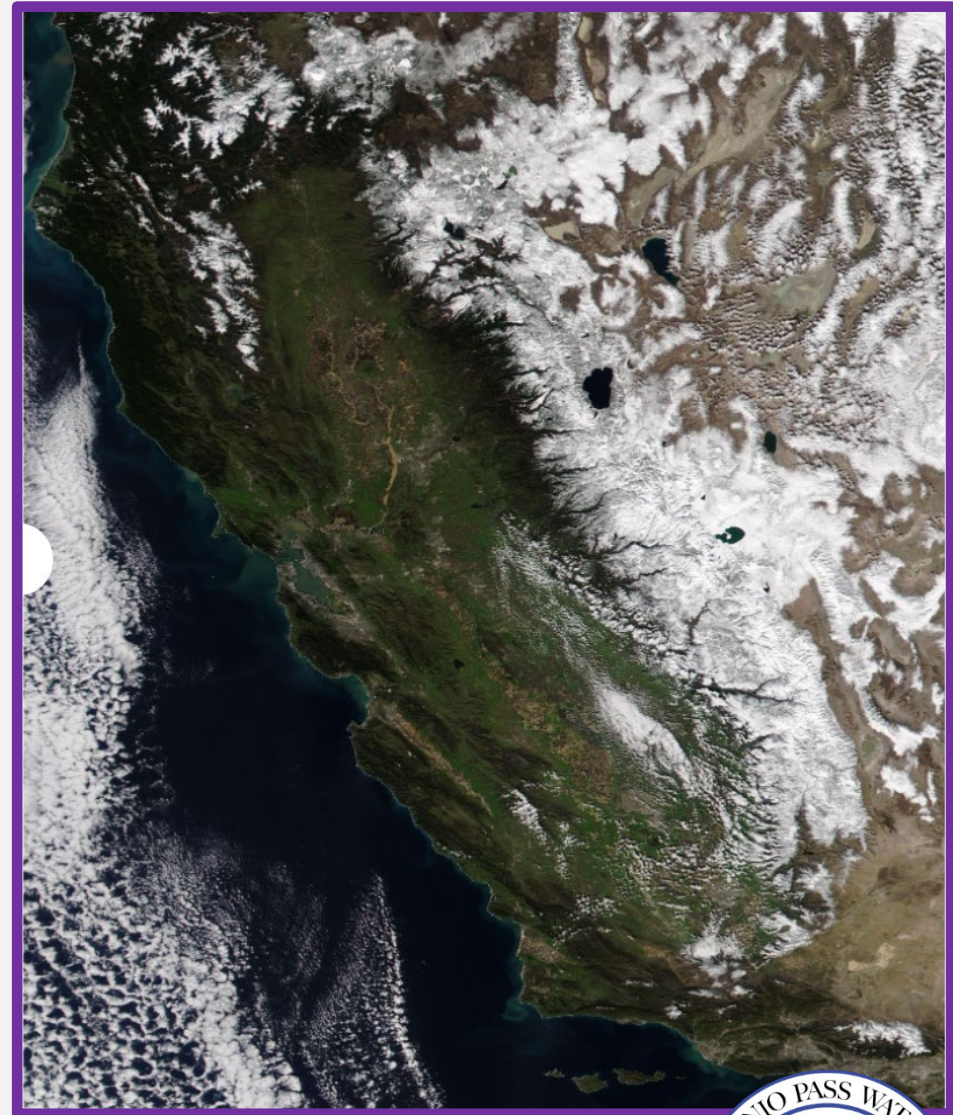




January



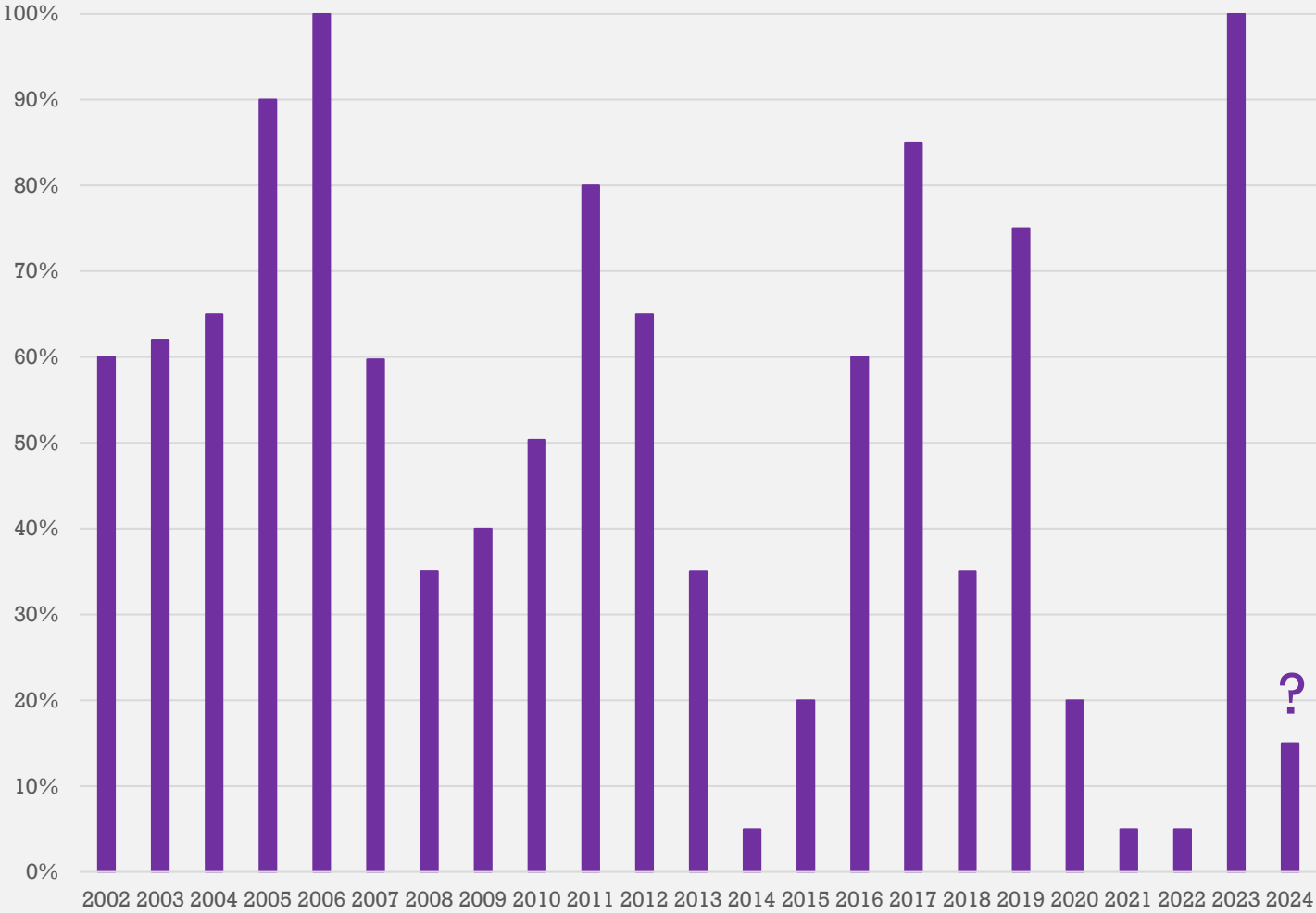
March



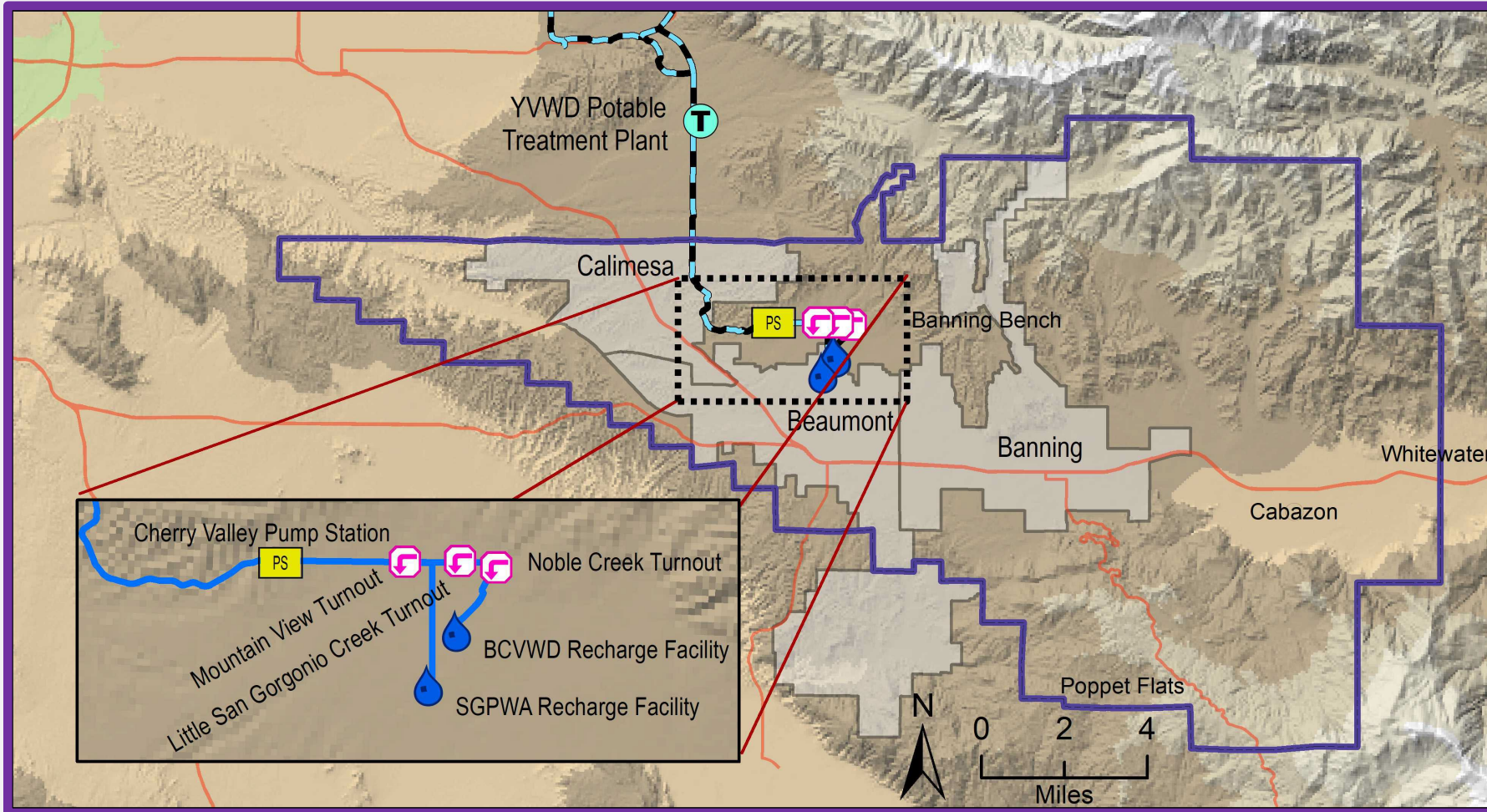
2024 Sierra Snowpack Comparison

SGPWA Portfolio @ 15%		
Source	TOTAL (AF)	Delivered
SWP – Carryover SGPWA	8,650	
SWP – Carryover Ventura	4,178	✓
SWP – Table A	2,595	
SWP – Ventura	1,500	
<u>Subtotal SWP</u>	<u>16,923</u>	
Non-SWP - Nickel Water	1,700	
<u>Total</u>	<u>18,623</u>	

Historic SWP Allocations



2024 SWP Allocation & Portfolio Update



	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec	Total
Recharge	717	906	2,050										3,623
Direct	13	6	0										19

*Estimated
*From Local Storage



Local Deliveries 2024 (acre-feet)

Subject to Final Verification





Brookside East Recharge Facility



BCVWD Recharge Facilities



March Recharge Activities