

Water Conditions Update



Board of Directors Meeting
February 26, 2024



**Weather
&
Reservoir
Conditions**

**Forecasted
Hydrologic
and Snow
Conditions**

**2024 SWP
Allocation &
Water
Portfolio**

**SWP
Deliveries &
Recharge**

**Turnout
Valve
Inspections**



Discussion



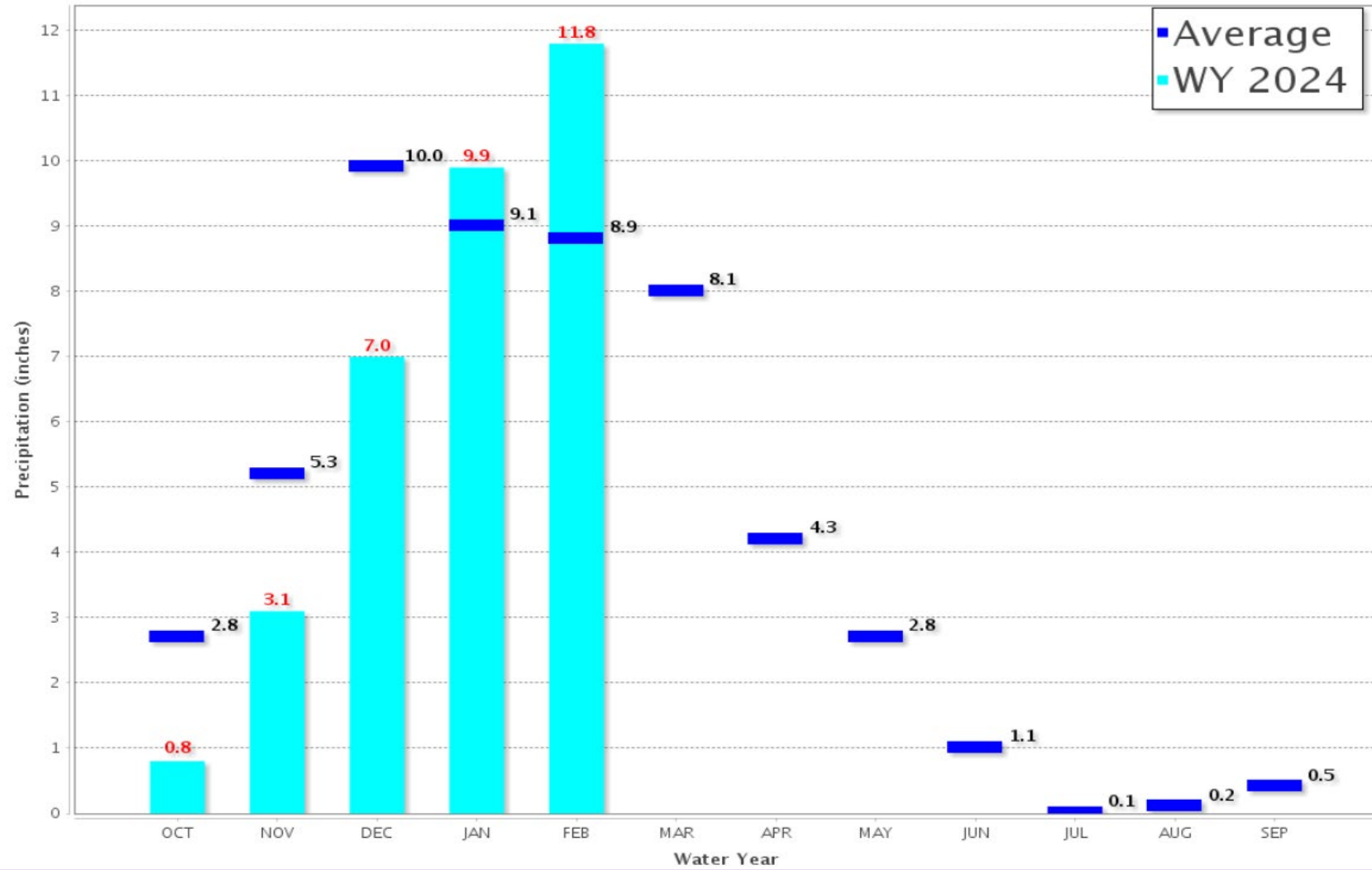


Northern Sierra 8-Station

Precipitation Index for Water Year 2024 - Updated on February 21, 2024 02:48 PM

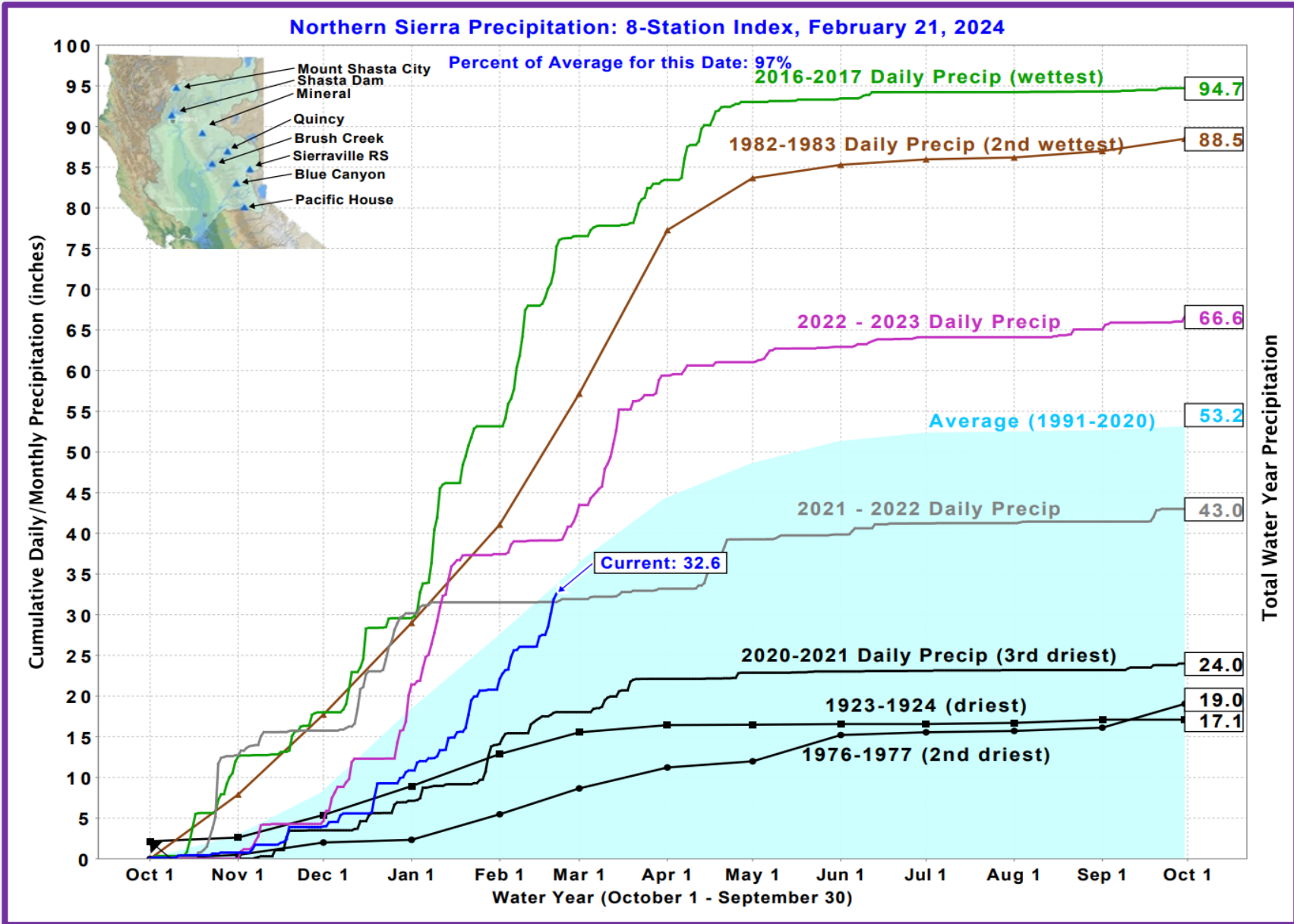
Note: Monthly totals may not add up to seasonal total because of rounding

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



State Precipitation Stations – North Sierra





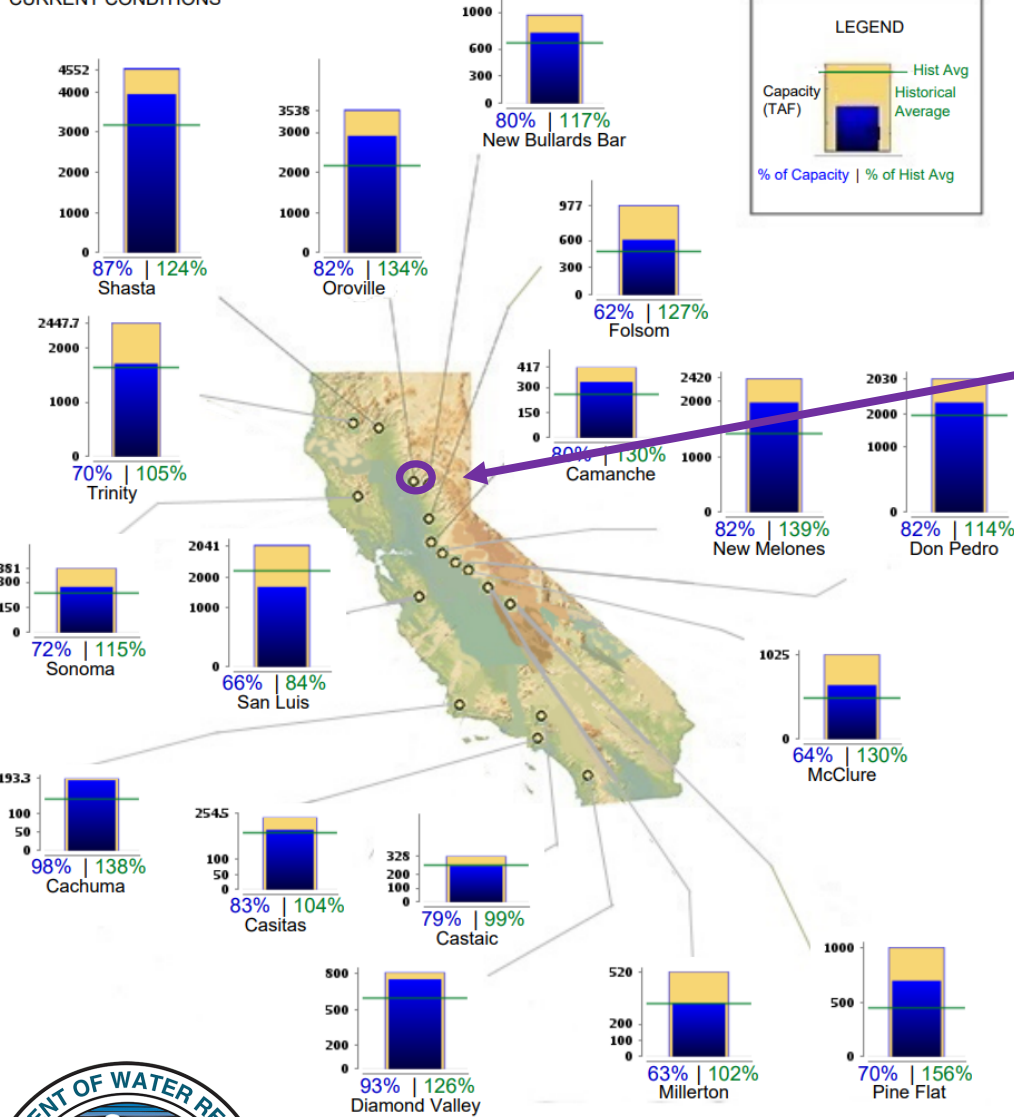
State Precipitation Stations – North Sierra



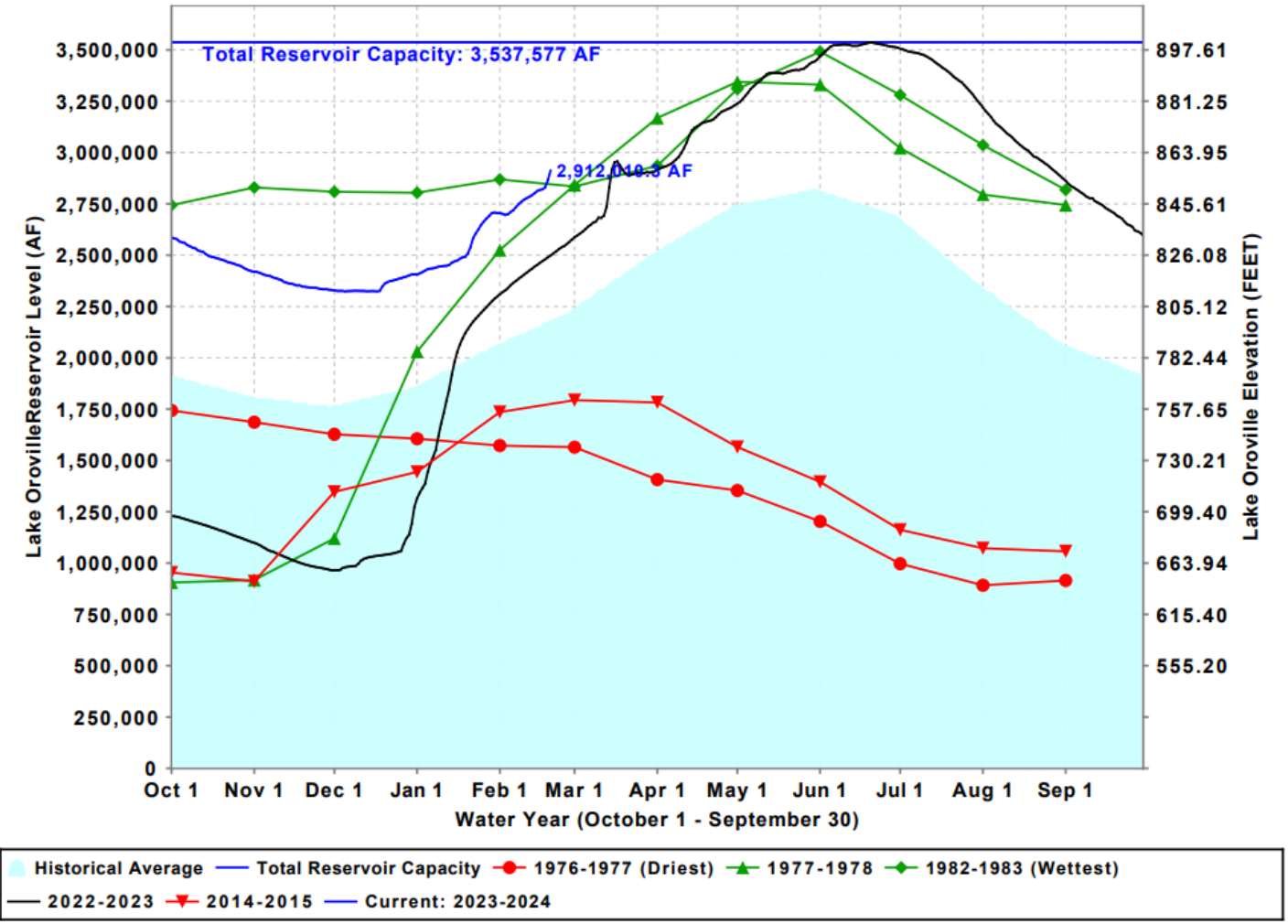
CALIFORNIA MAJOR WATER SUPPLY RESERVOIRS

CURRENT CONDITIONS

Midnight - February 20, 2024



Lake Oroville Levels: Various Past Water Years and Current Water Year, Ending At Midnight February 20, 2024



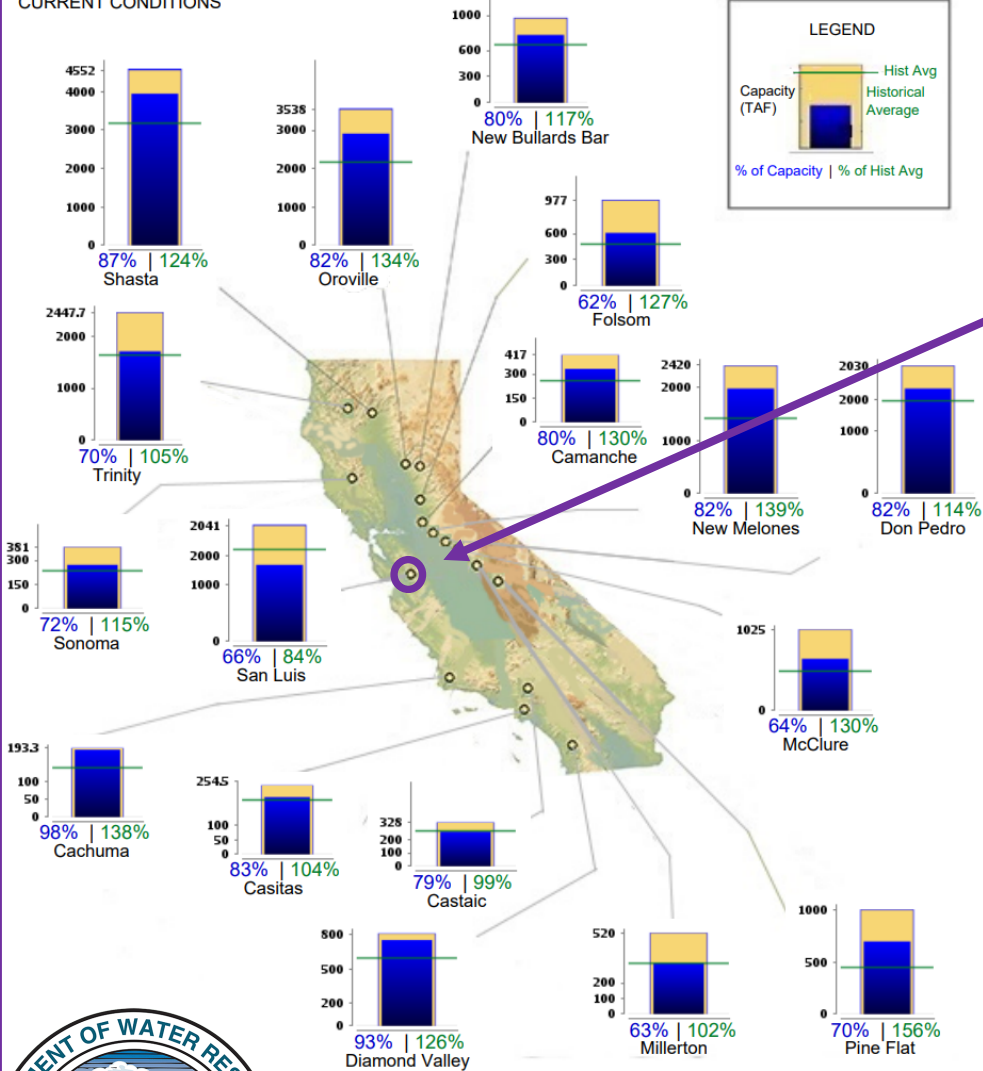
Lake Oroville Reservoir Levels



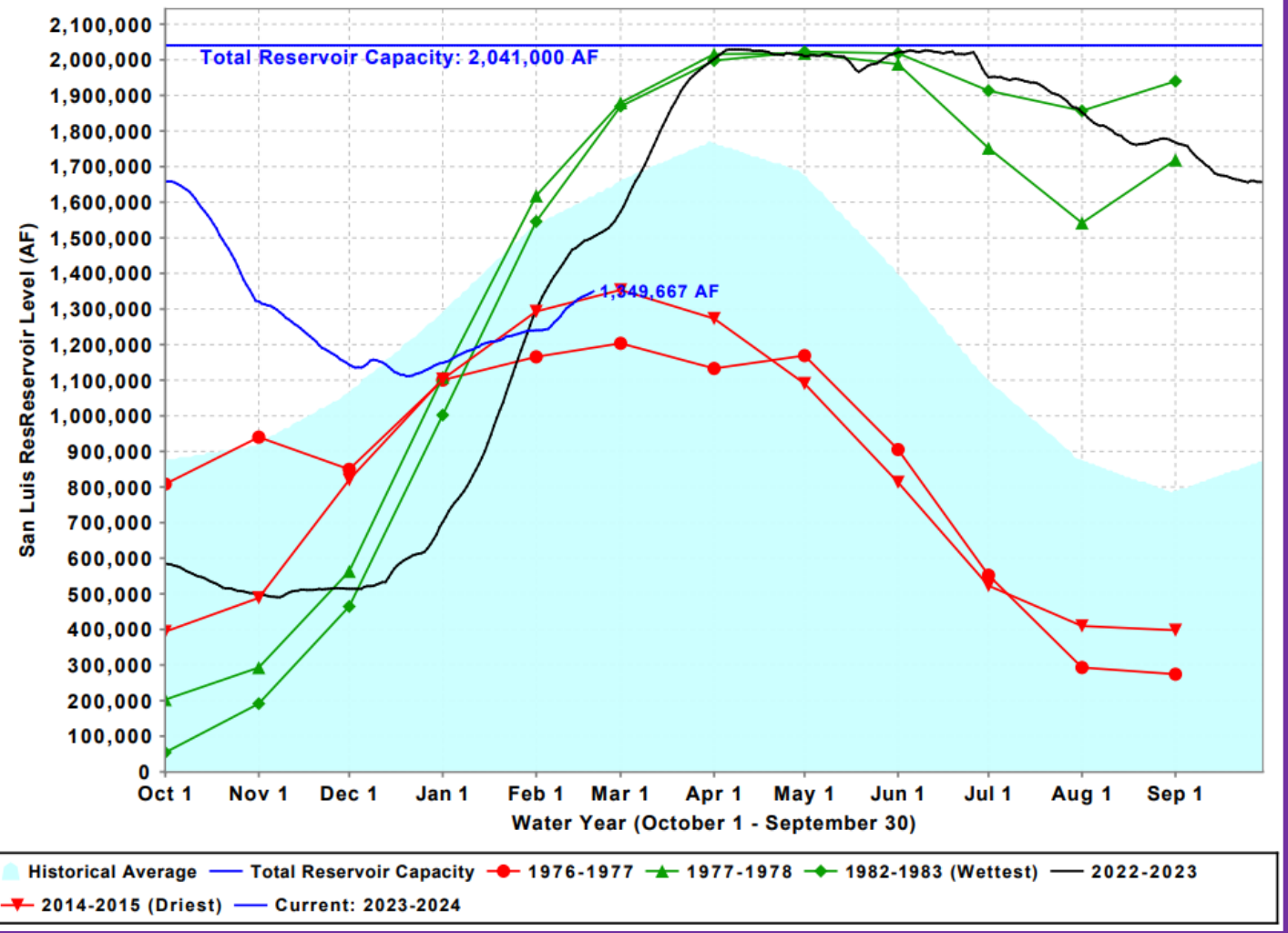
CALIFORNIA MAJOR WATER SUPPLY RESERVOIRS

CURRENT CONDITIONS

Midnight - February 20, 2024



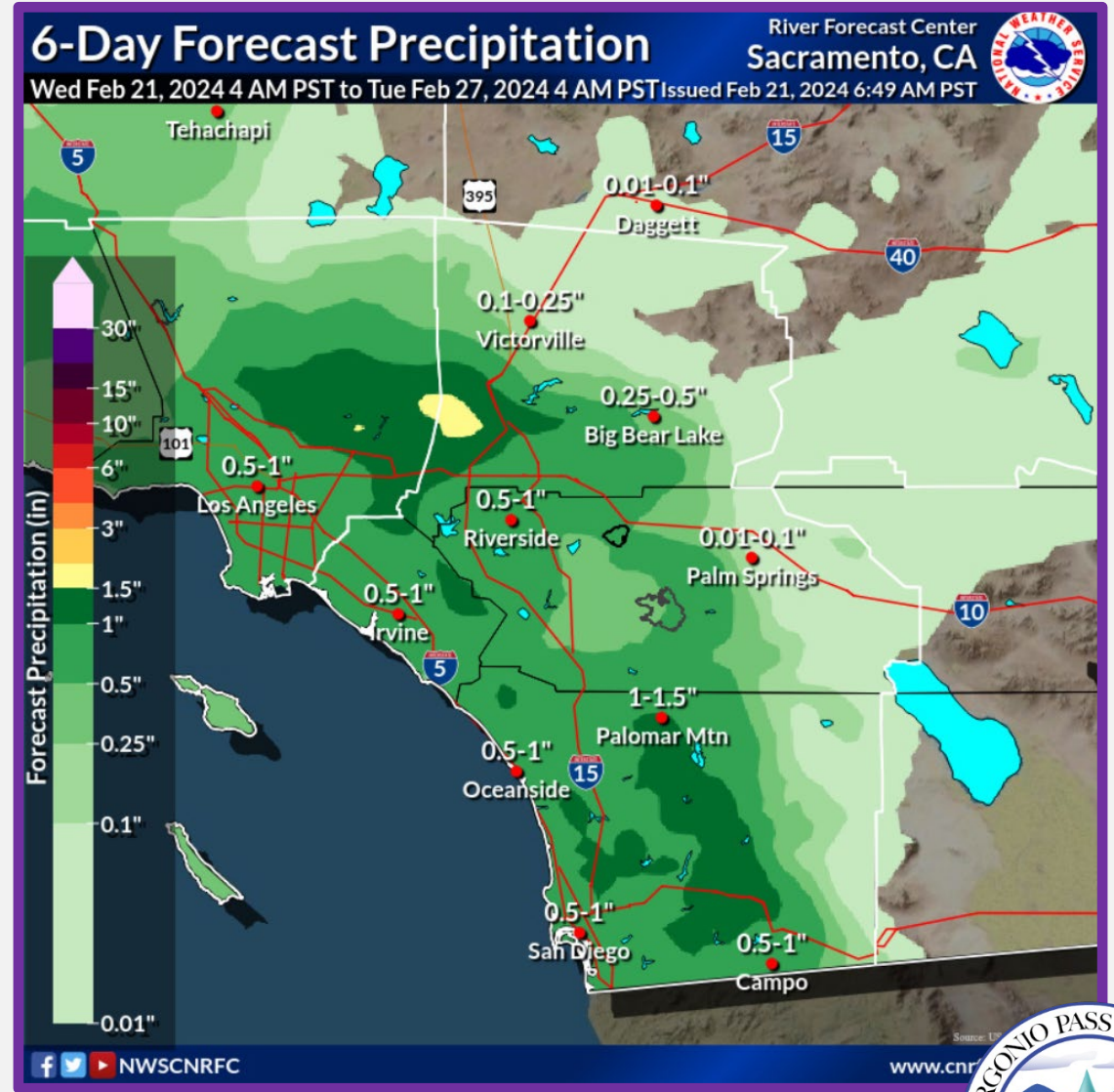
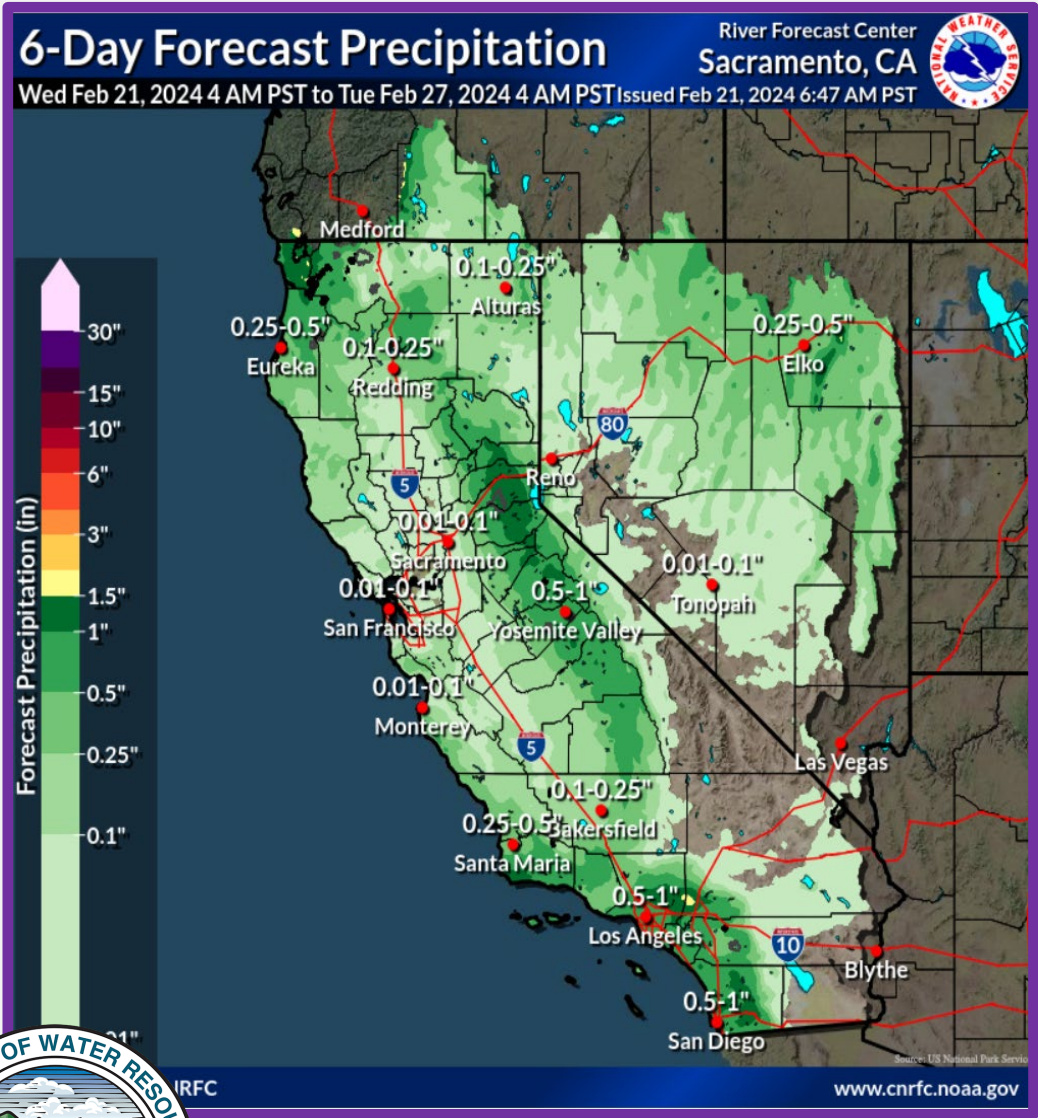
San Luis Res Levels: Various Past Water Years and Current Water Year, Ending At Midnight February 20, 2024



January – February Change in Storage: 139,00 AF

San Luis Reservoir Levels



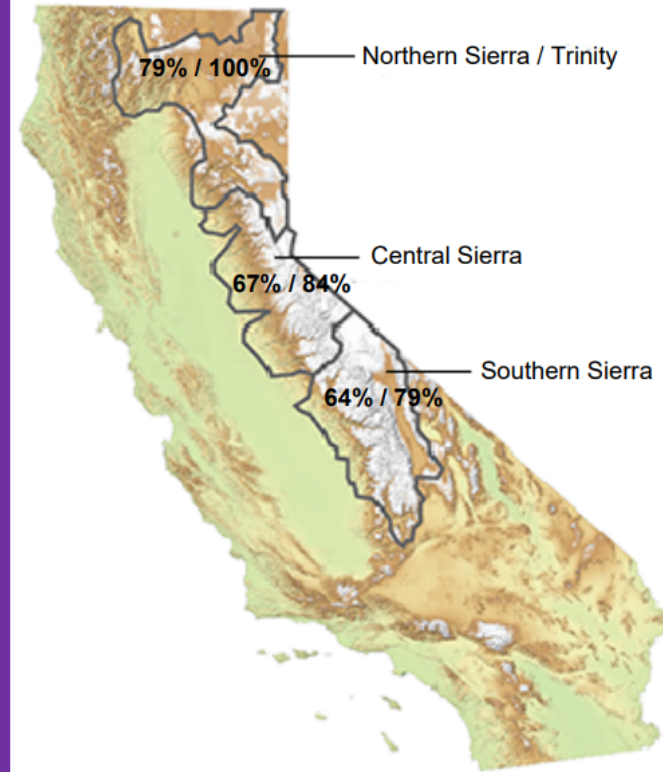


Forecasted Hydrologic Conditions



CURRENT REGIONAL SNOWPACK FROM AUTOMATED SNOW SENSORS

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



Statewide Average: 69% / 86%

NORTH	
Data as of February 21, 2024	
Number of Stations Reporting	25
Average snow water equivalent (Inches)	22.7
Percent of April 1 Average (%)	79
Percent of normal for this date (%)	100

CENTRAL	
Data as of February 21, 2024	
Number of Stations Reporting	50
Average snow water equivalent (Inches)	18.0
Percent of April 1 Average (%)	67
Percent of normal for this date (%)	84

SOUTH	
Data as of February 21, 2024	
Number of Stations Reporting	28
Average snow water equivalent (Inches)	14.2
Percent of April 1 Average (%)	64
Percent of normal for this date (%)	79

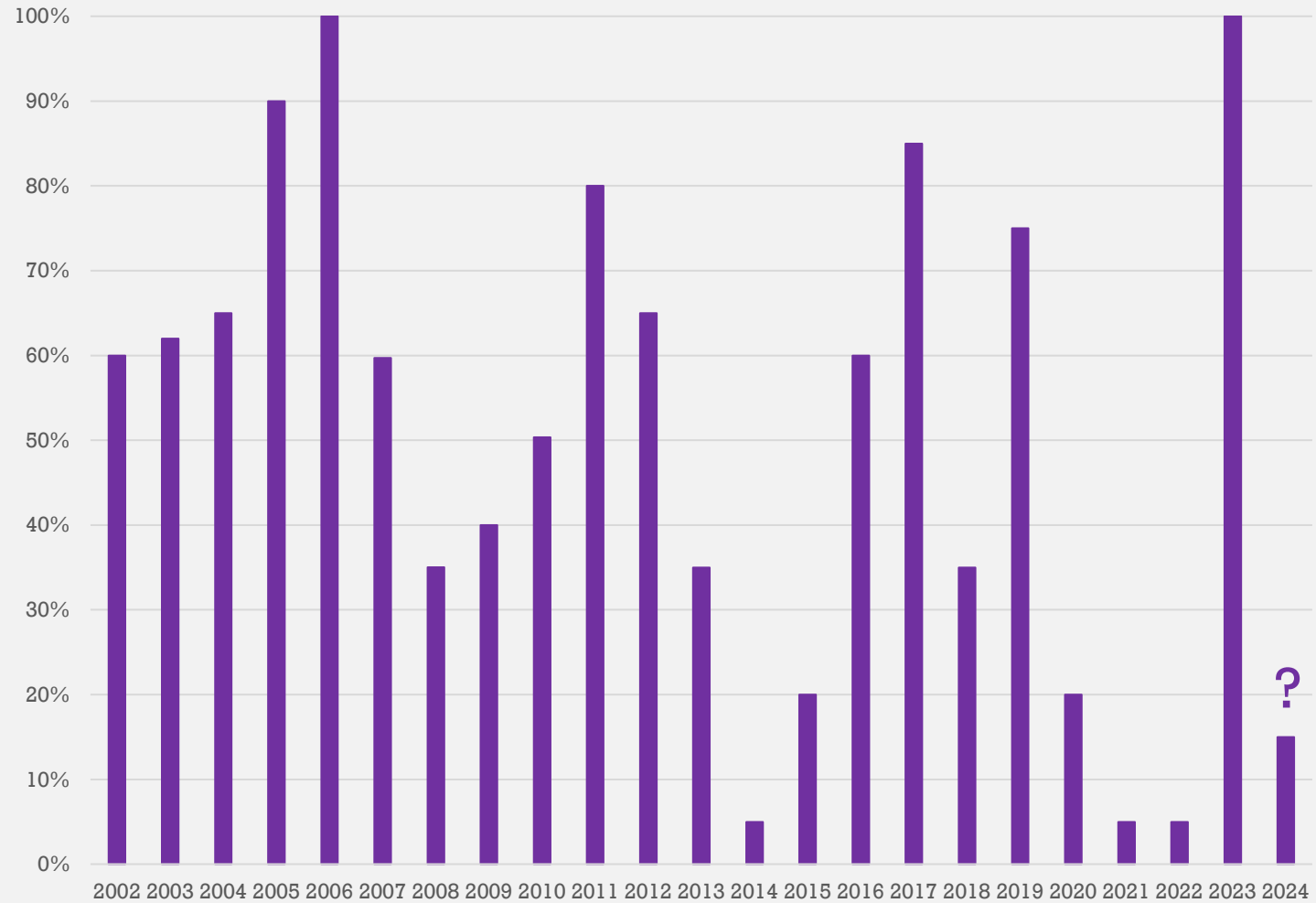
STATE	
Data as of February 21, 2024	
Number of Stations Reporting	103
Average snow water equivalent (Inches)	18.1
Percent of April 1 Average (%)	69
Percent of normal for this date (%)	86



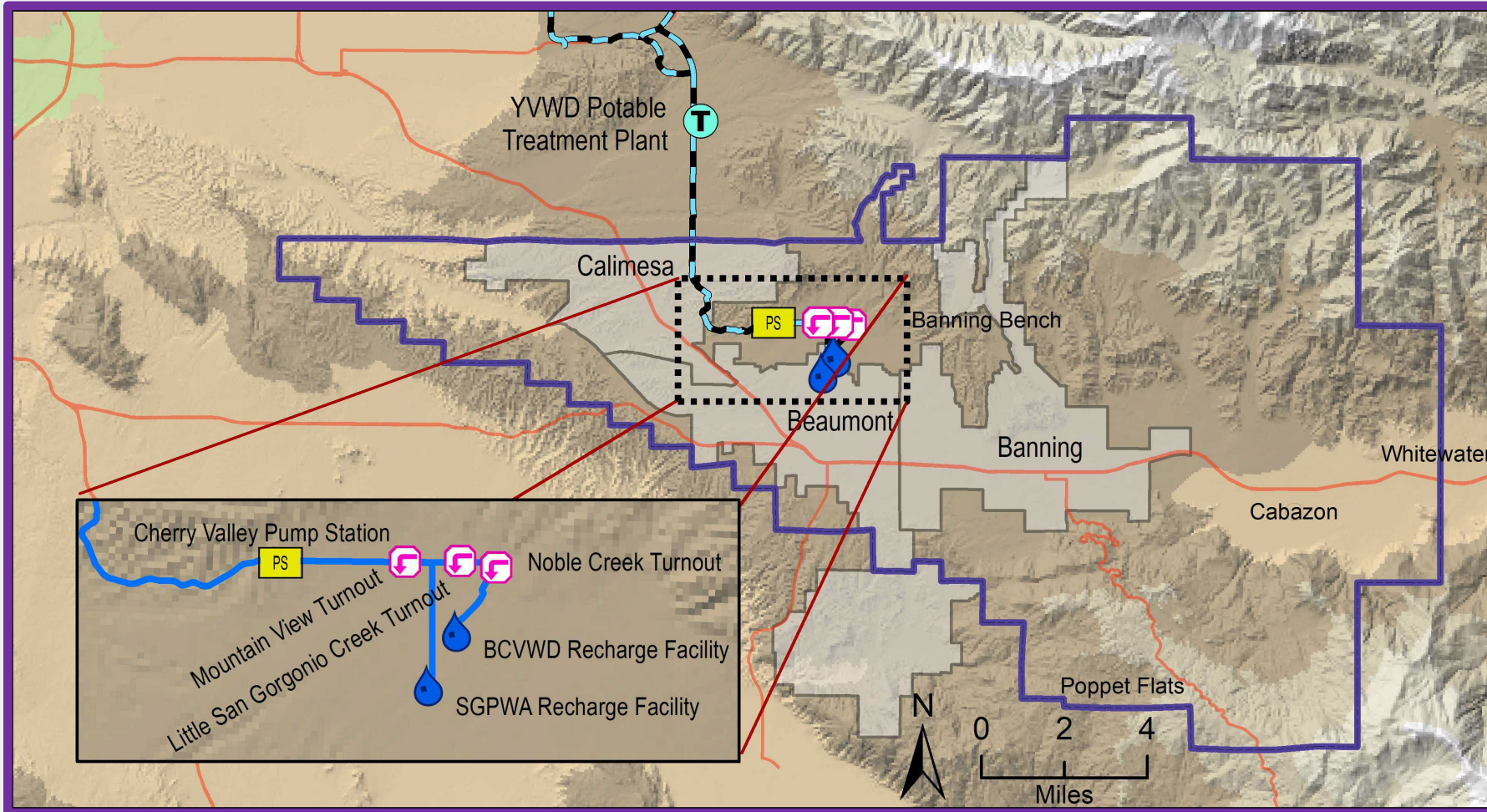
Sierra Nevada Mountain Snowpack

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	800											1,517
Direct	13	0											13

**Estimated*

**From Local Storage*



Local Deliveries 2024 (acre-feet)

Subject to Final Verification





Brookside East Recharge Facility



BCVWD Recharge Facilities



February Recharge Activities

Cla-Val Valve Inspections

- Both Mountain View and Noble Creek turnout valves inspected
- Inspections included: overall valve condition assessment and internal parts cleaning
- Overall valve conditions are good with some maintenance recommendations given



Mountain View Valve Inspection





Noble Creek Valve Inspection

