

Water Conditions Update



SGPWA Workshop
February 27, 2023



**Weather
&
Reservoir
Conditions**

**Forecasted
Hydrologic
Conditions**

**DWR Snow
Surveys**

**SWP
Allocation &
Water
Portfolio**

**SWP
Deliveries &
Recharge**



Discussion



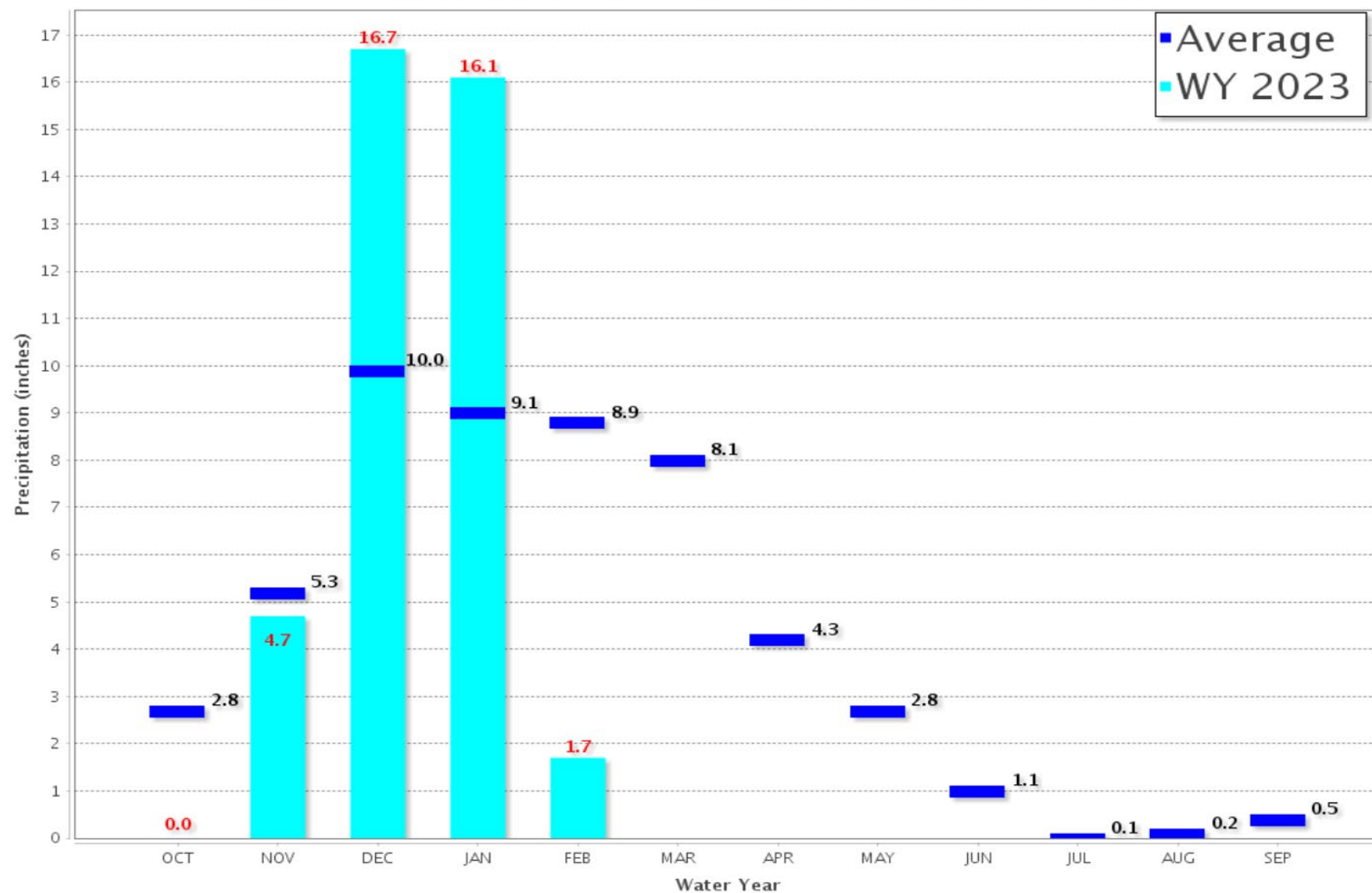


Northern Sierra 8-Station

Precipitation Index for Water Year 2023 – Updated on February 22, 2023 09:48 PM

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

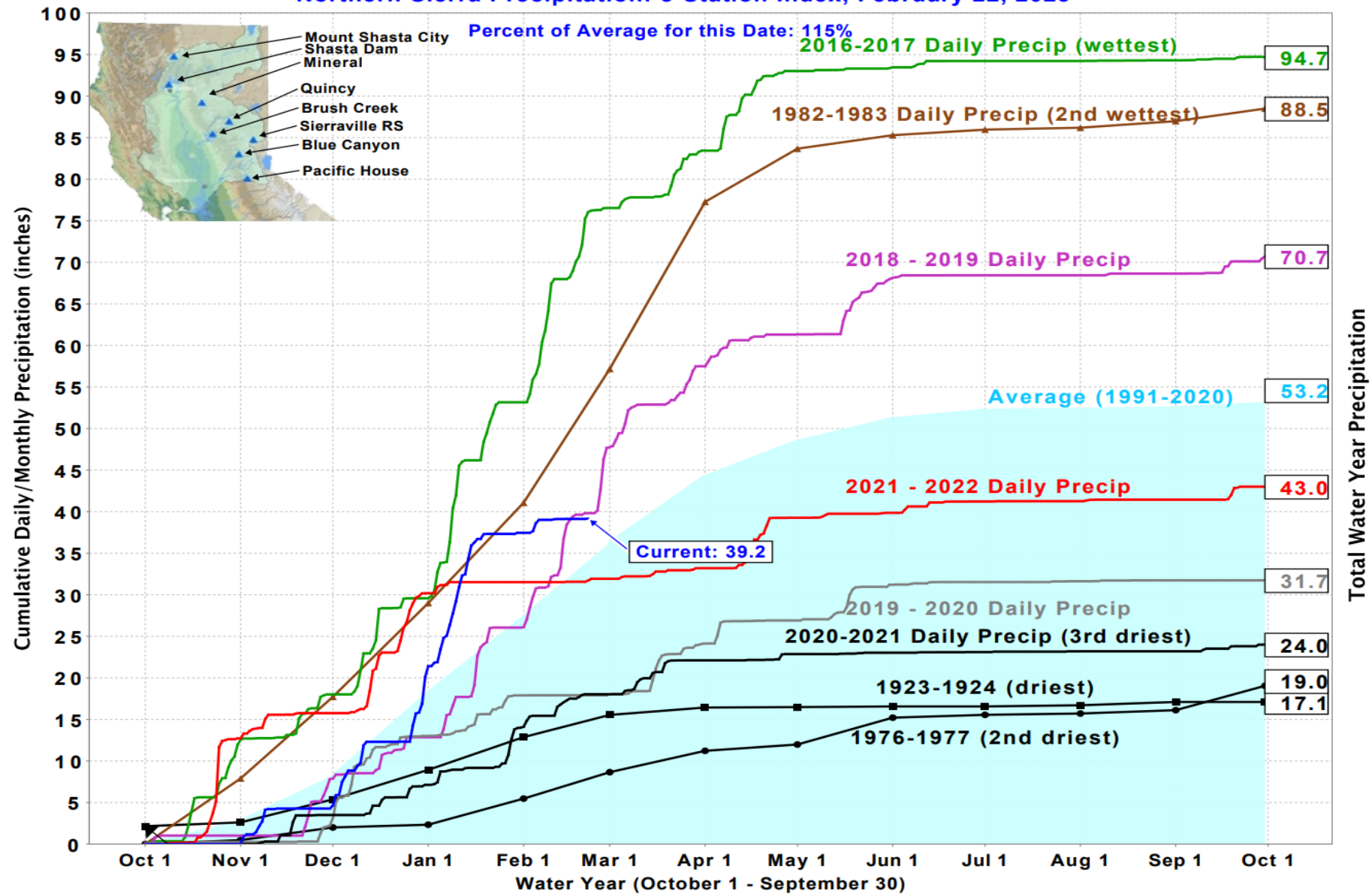
Water Year Monthly totals are calculated based on Daily precipitation data from 12am to 12am PST



State Precipitation Stations – North Sierra



Northern Sierra Precipitation: 8-Station Index, February 22, 2023



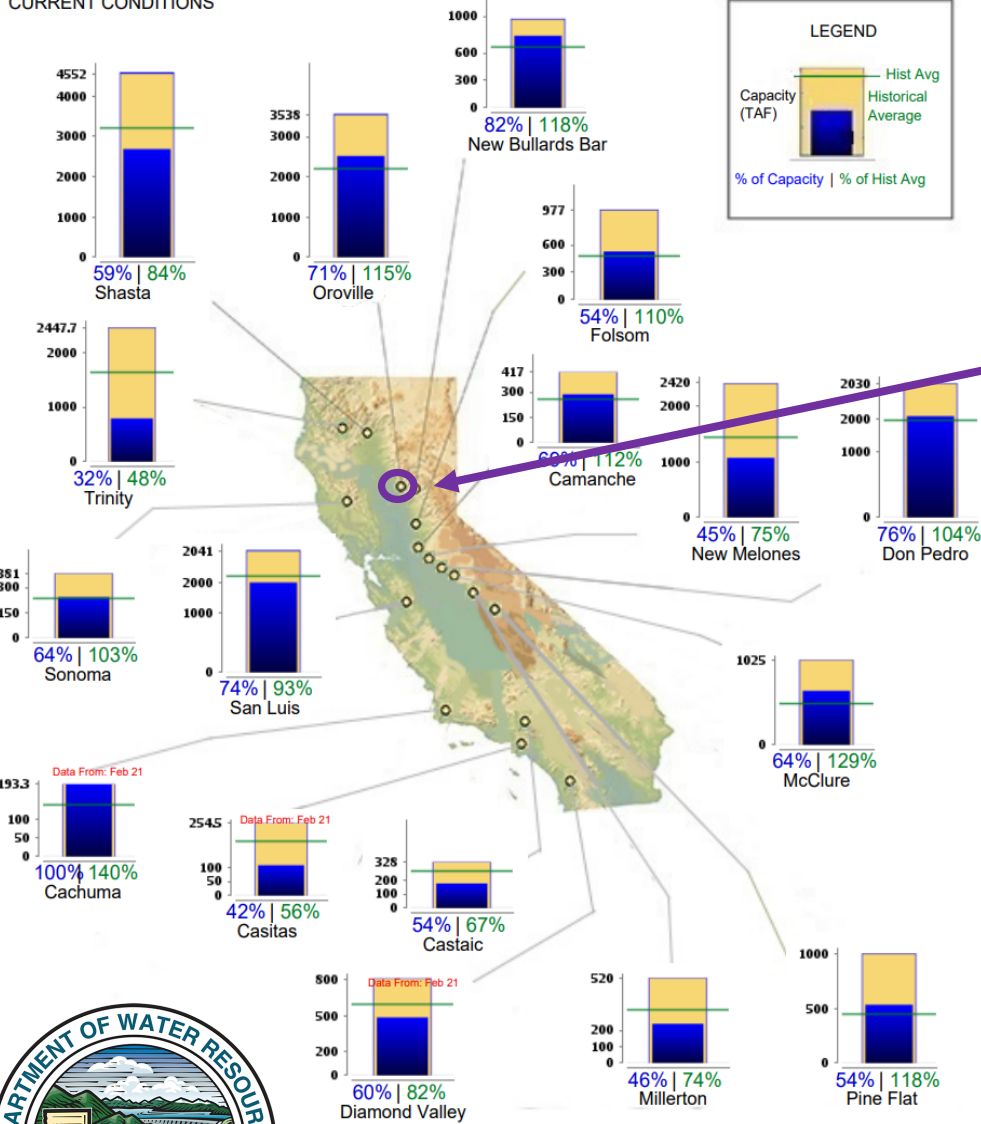
State Precipitation Stations – North Sierra



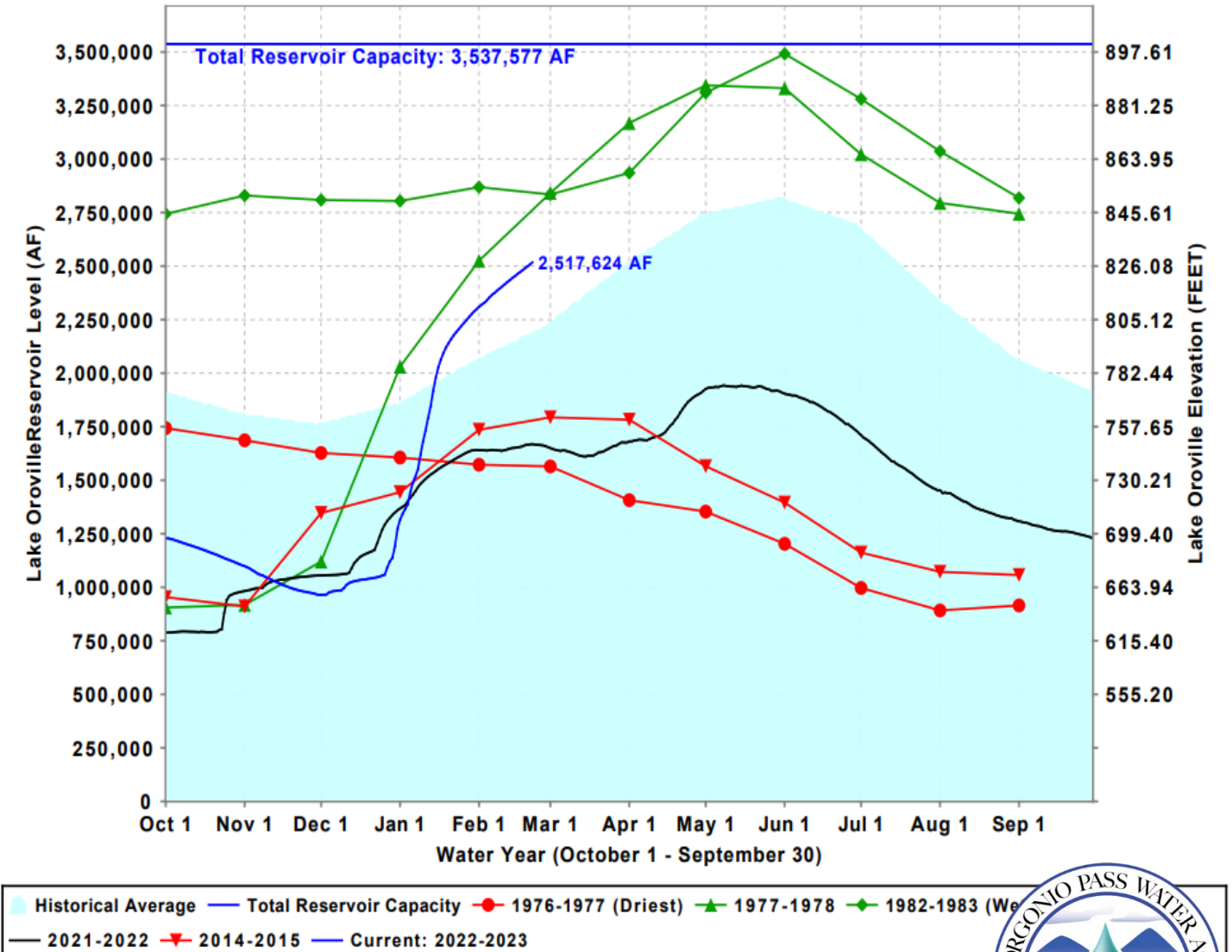
CALIFORNIA MAJOR WATER SUPPLY RESERVOIRS

CURRENT CONDITIONS

Midnight - February 22, 2023



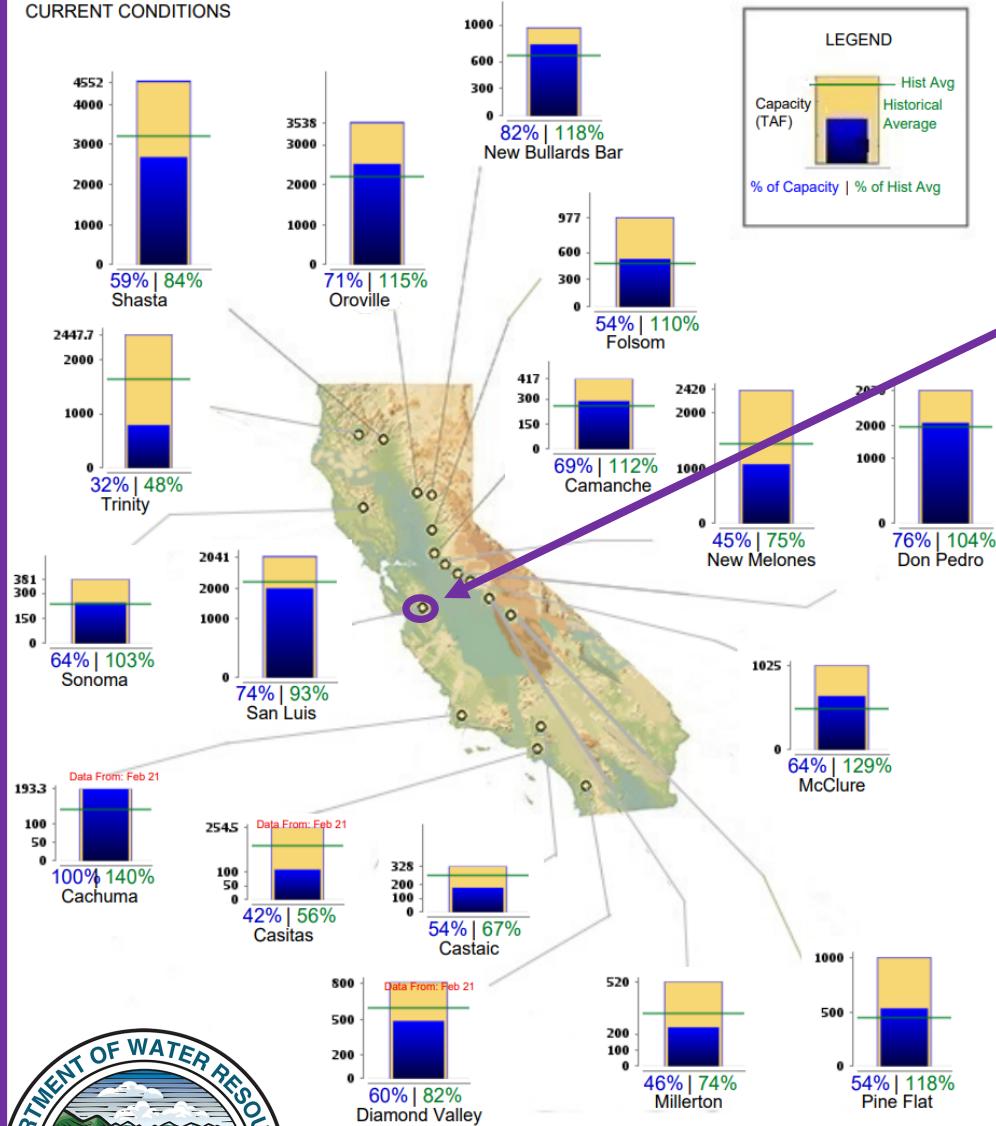
Lake Oroville Levels: Various Past Water Years and Current Water Year, Ending At Midnight February 22, 2023



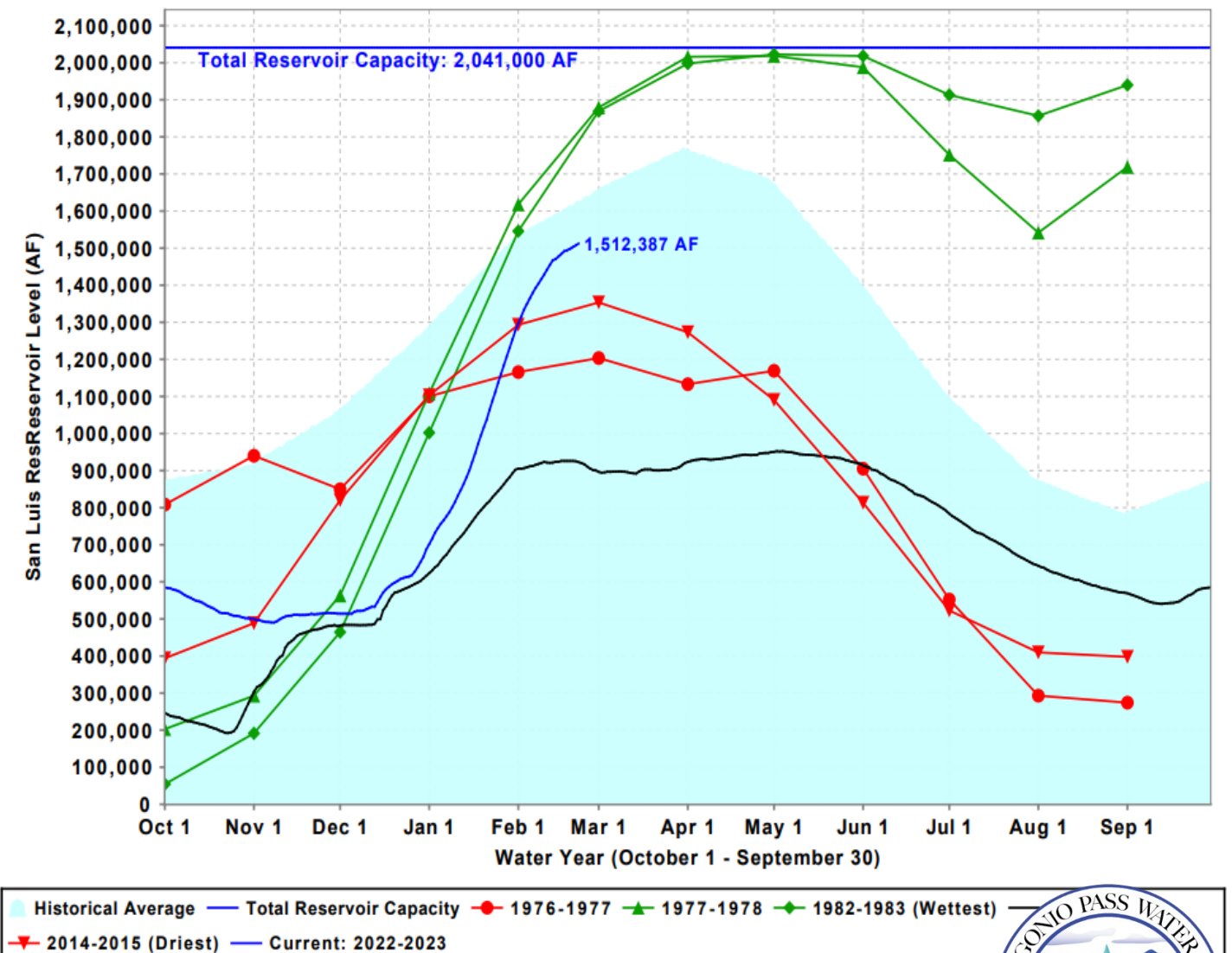
Current Reservoir Levels

CALIFORNIA MAJOR WATER SUPPLY RESERVOIRS CURRENT CONDITIONS

Midnight - February 22, 2023



San Luis Res Levels: Various Past Water Years and Current Water Year, Ending At Midnight February 22, 2023



Current Reservoir Levels

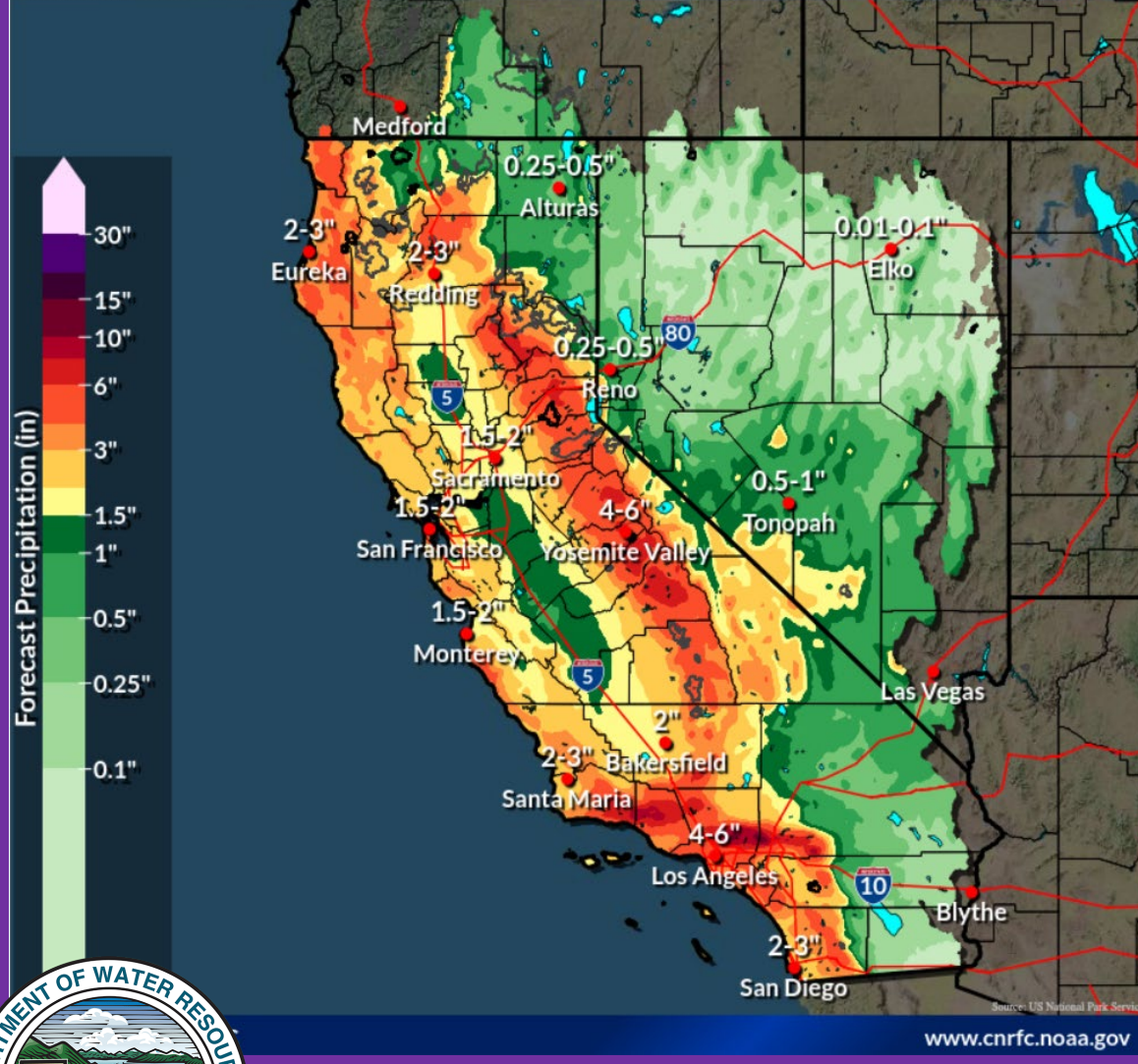
6-Day Forecast Precipitation

California Nevada
River Forecast Center



Wed Feb 22, 2023 4 AM PST to Tue Feb 28, 2023 4 AM PST

Issued Feb 22, 2023 1:28 PM PST



www.cnrfc.noaa.gov



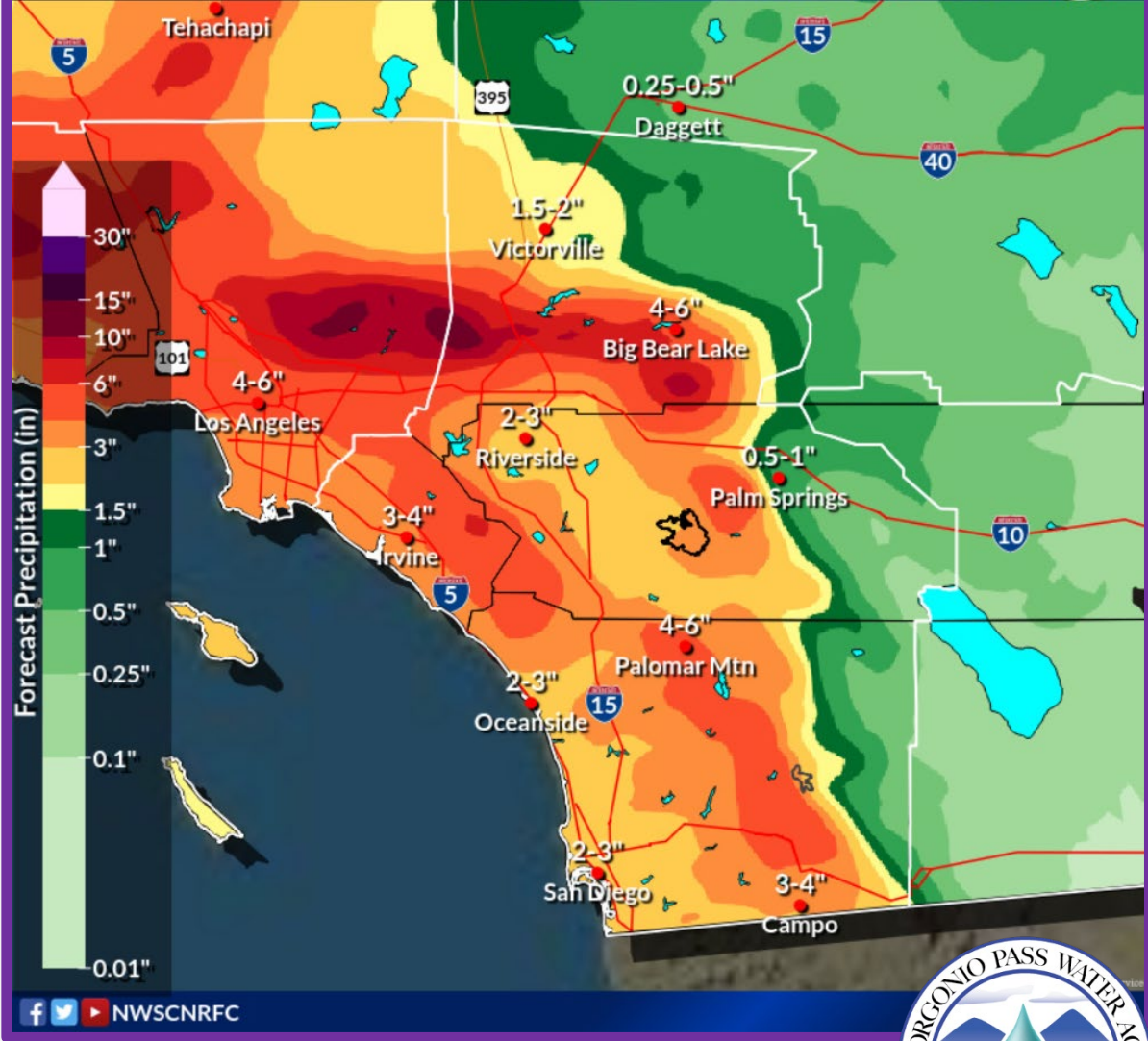
6-Day Forecast Precipitation

California Nevada
River Forecast Center



Wed Feb 22, 2023 4 AM PST to Tue Feb 28, 2023 4 AM PST

Issued Feb 22, 2023 1:29 PM PST



f t y NWSCNRF

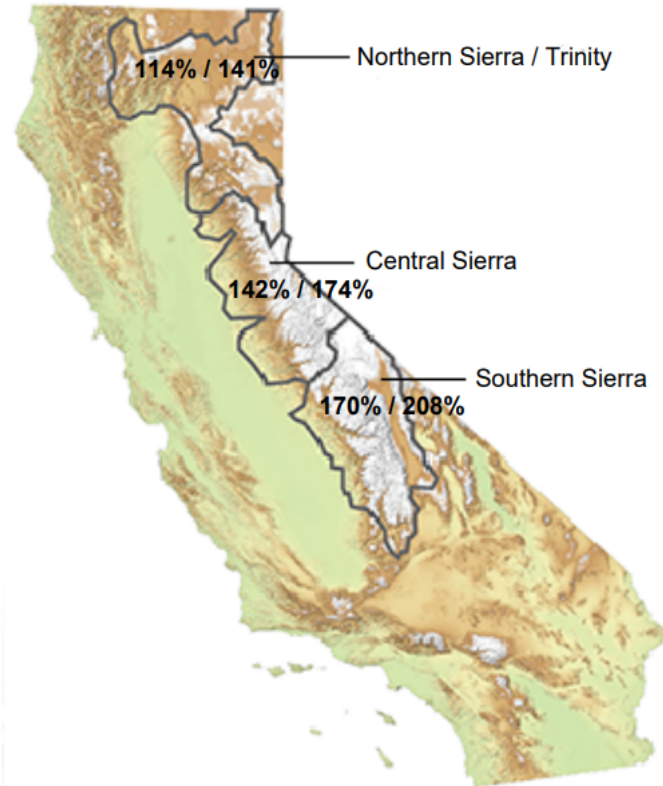


Precipitation Forecast



CURRENT REGIONAL SNOWPACK FROM AUTOMATED SNOW SENSORS

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



Statewide Average: 140% / 173%

NORTH	
Data as of February 22, 2023	
Number of Stations Reporting	30
Average snow water equivalent (Inches)	32.9
Percent of April 1 Average (%)	114
Percent of normal for this date (%)	141

CENTRAL	
Data as of February 22, 2023	
Number of Stations Reporting	51
Average snow water equivalent (Inches)	38.3
Percent of April 1 Average (%)	142
Percent of normal for this date (%)	174

SOUTH	
Data as of February 22, 2023	
Number of Stations Reporting	29
Average snow water equivalent (Inches)	38.0
Percent of April 1 Average (%)	170
Percent of normal for this date (%)	208

STATE	
Data as of February 22, 2023	
Number of Stations Reporting	110
Average snow water equivalent (Inches)	36.7
Percent of April 1 Average (%)	140
Percent of normal for this date (%)	173



Sierra Nevada Mountain Snowpack

SWP Allocation Timeline

December 1: 5% SWP Allocation + Human Health and Safety Needs

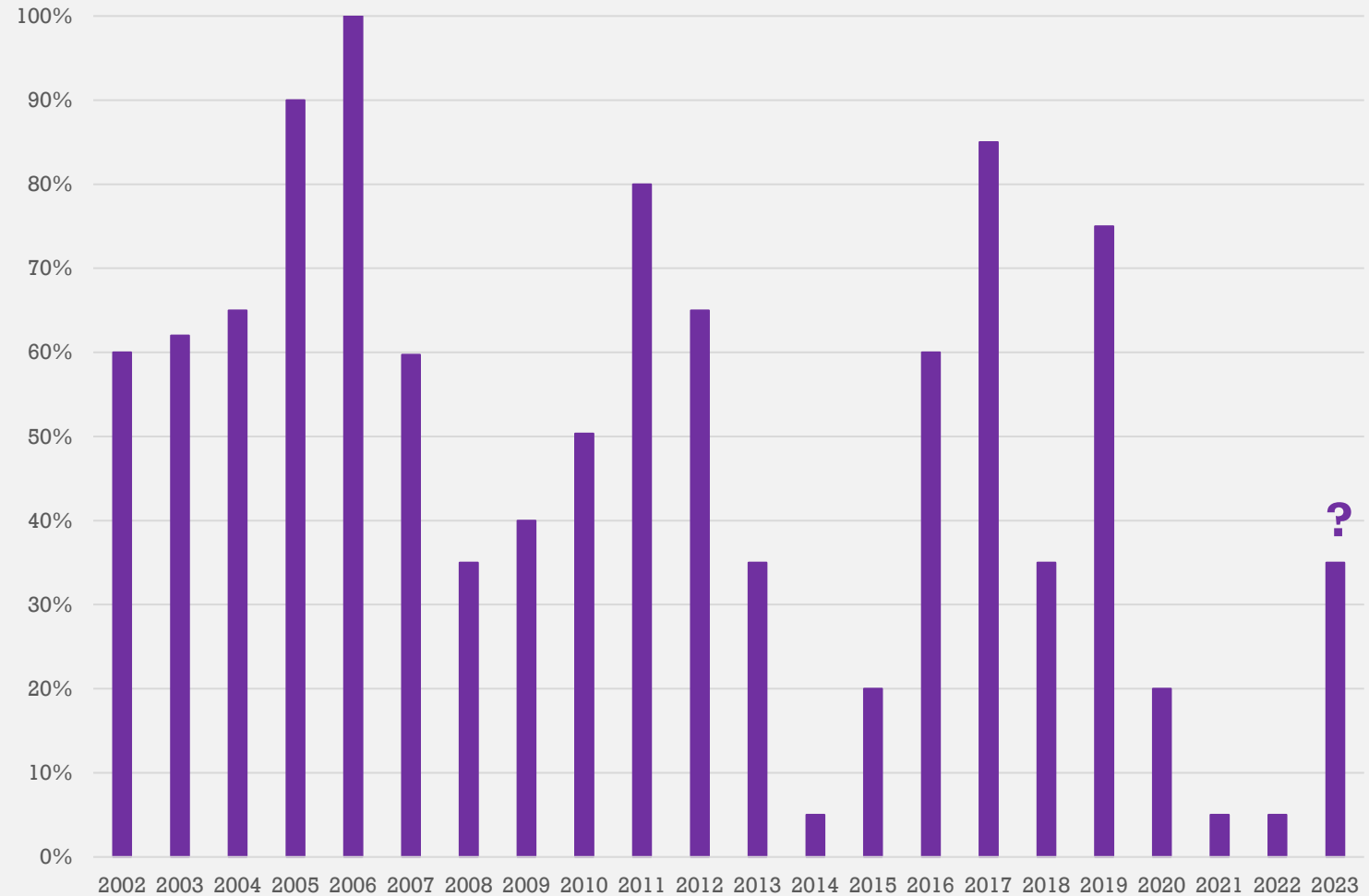
January 26: 30% SWP Allocation

February 22: 35% SWP Allocation

SGPWA Portfolio @ 35%

Source	TOTAL (AF)
SWP - SGPWA Carryover	2,231
SWP - Table A	6,055
SWP - Ventura	3,500
SWP - Yuba Accord	Varies
Subtotal SWP	11,786
Non-SWP - Nickel Water	1,700
Total	13,486

Historic SWP Allocations



2023 SWP Allocation & Portfolio Update



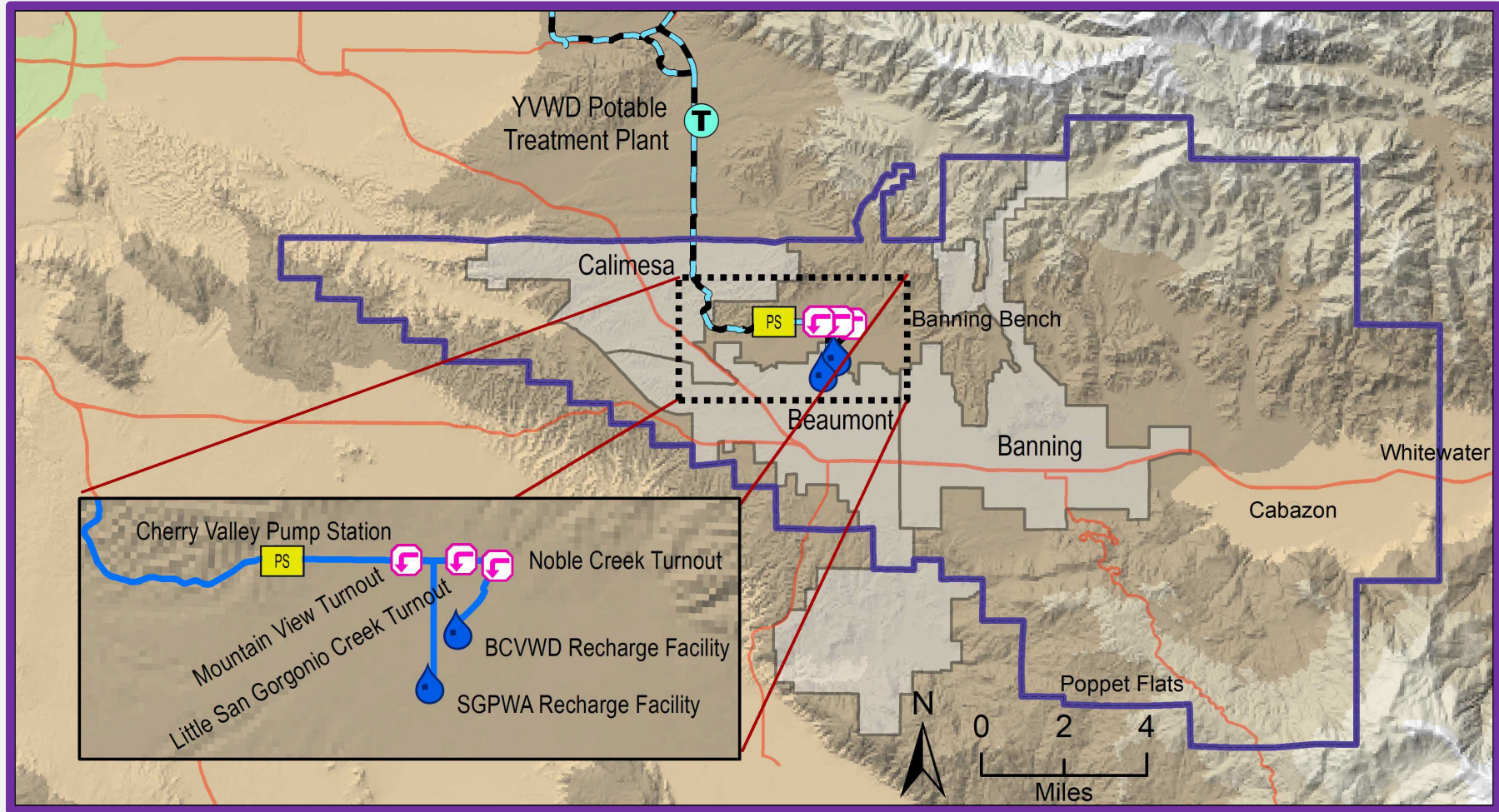
BCVWD Phase 1 Recharge



Brookside East Recharge Facility



Current Recharge Activities



	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec	Total
Recharge	0	~1435											0
Direct	0	0											0

*Estimated
*From Local Storage



Local Deliveries 2023 (acre-feet)

Subject to Final Verification

