

Water Conditions Update



Finance and Engineering Workshop
June 19, 2023



**Weather
&
Reservoir
Conditions**

**DWR Snow
Survey
Update**

**Kern River –
SWP Intertie**

**SWP
Allocation &
Water
Portfolio**

**SWP
Deliveries &
Recharge**



Discussion



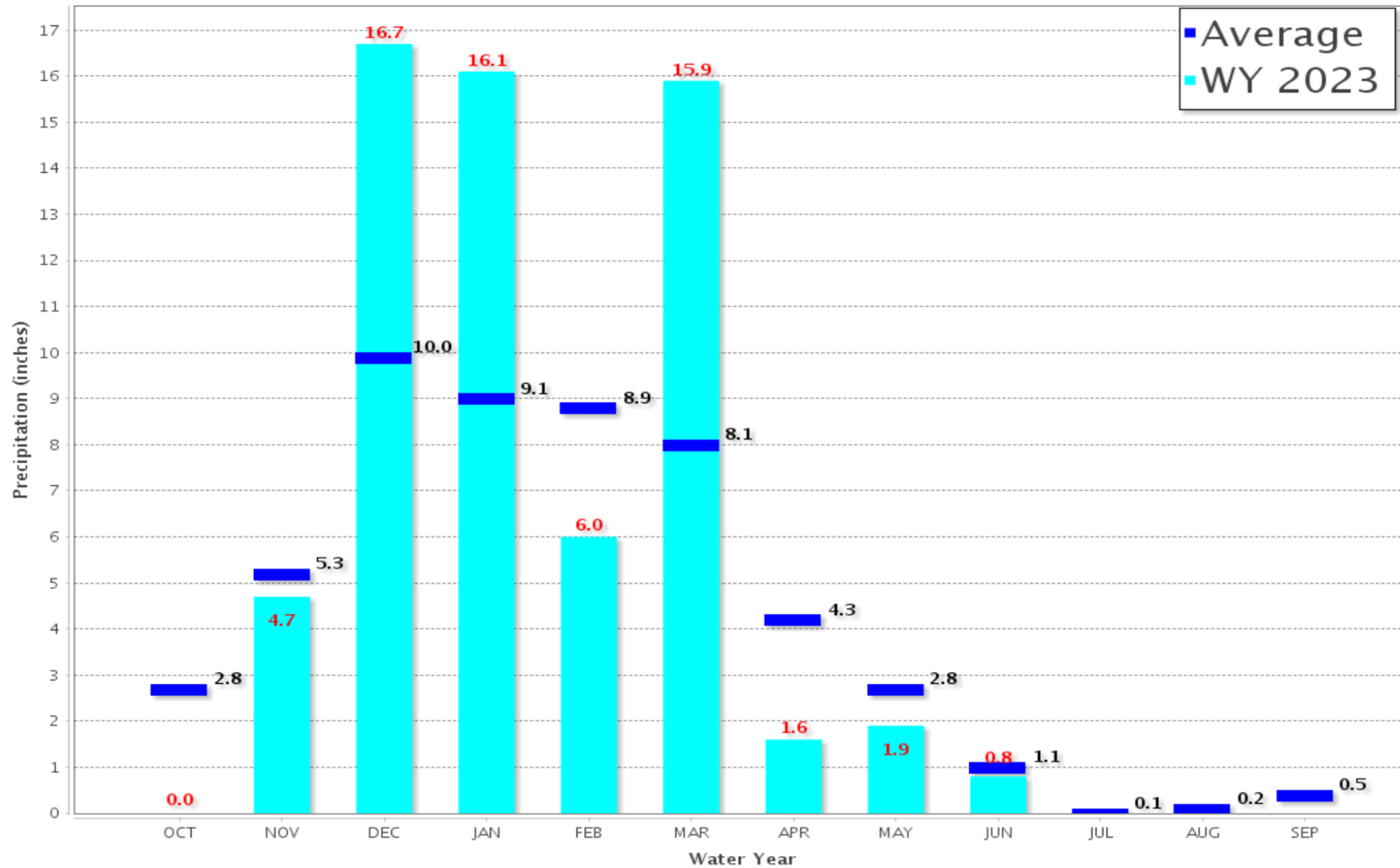


Northern Sierra 8-Station

Precipitation Index for Water Year 2023 – Updated on June 13, 2023 10:48 AM

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

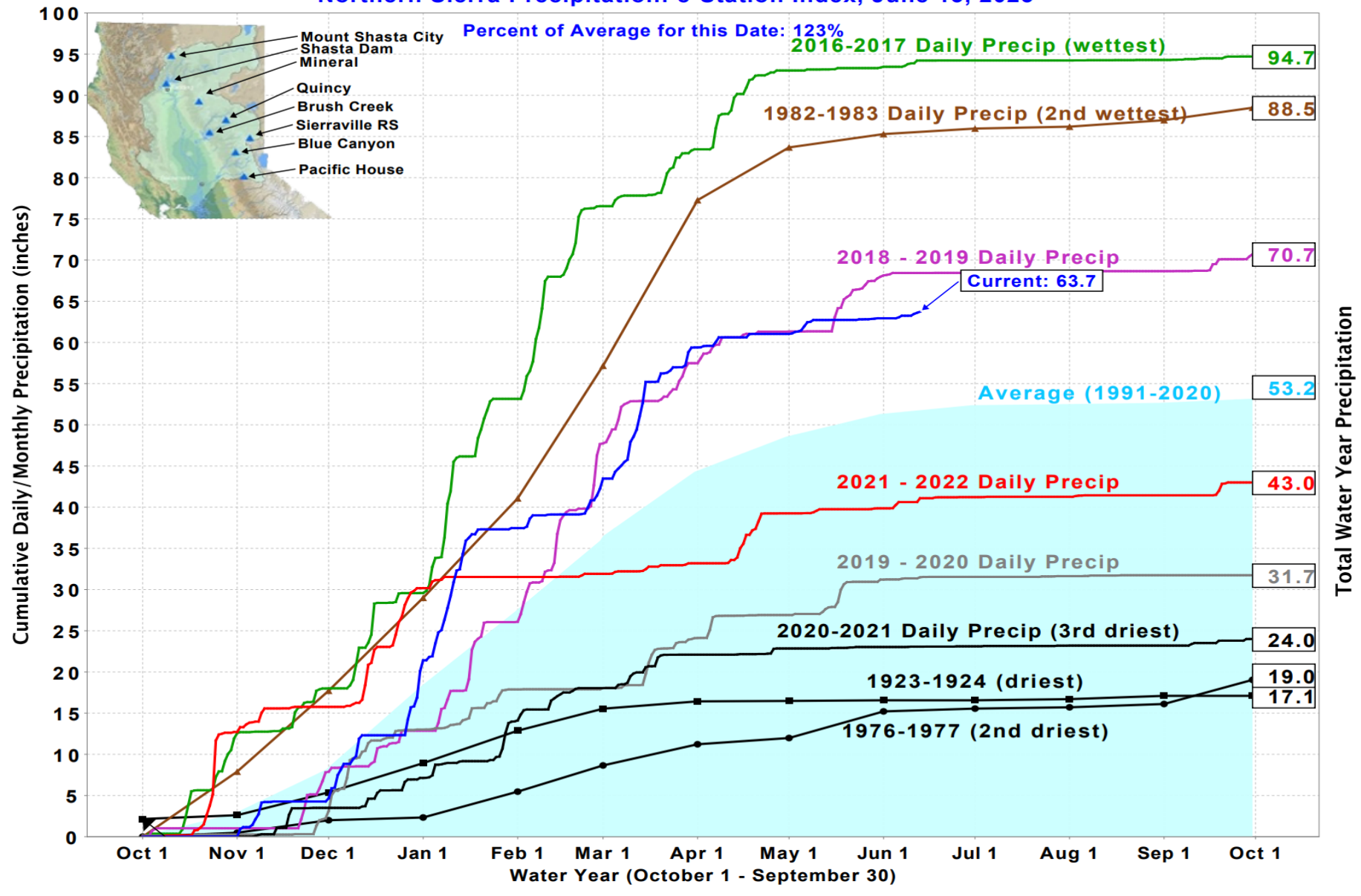
Water Year Monthly totals are calculated based on Daily precipitation data from 12am to 12am PST



State Precipitation Stations – North Sierra



Northern Sierra Precipitation: 8-Station Index, June 13, 2023

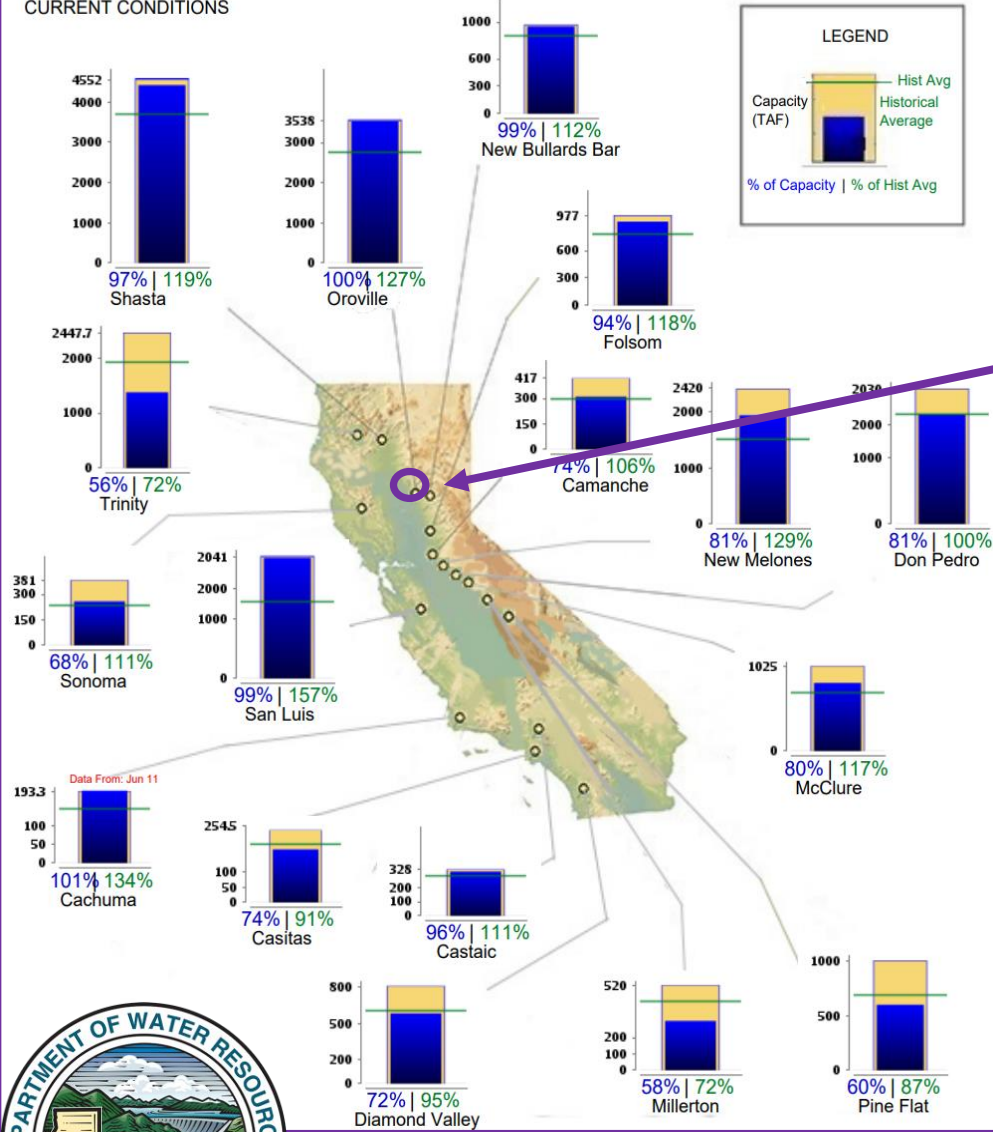


State Precipitation Stations – North Sierra

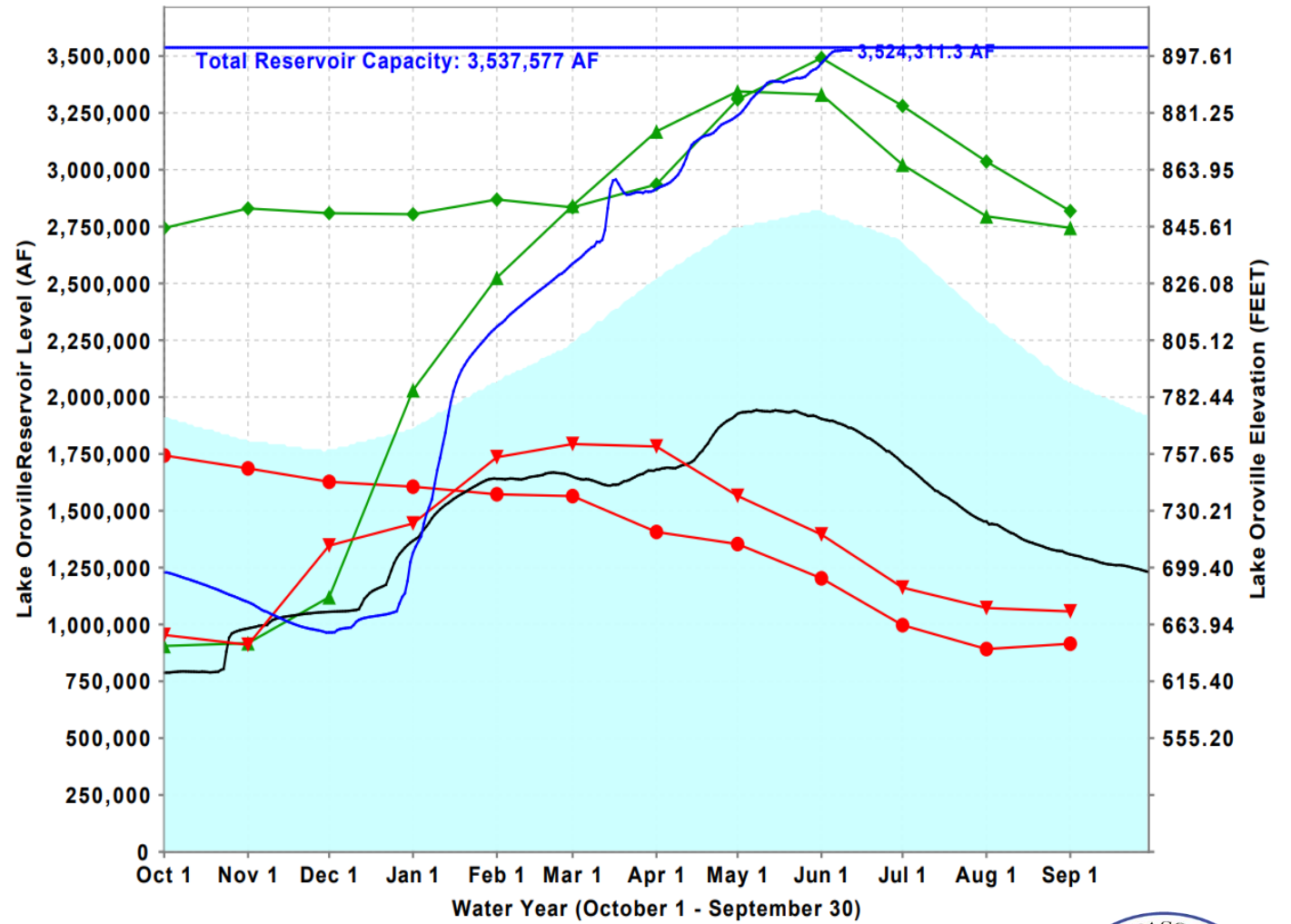
CALIFORNIA MAJOR WATER SUPPLY RESERVOIRS

CURRENT CONDITIONS

Midnight - June 12, 2023



Lake Oroville Levels: Various Past Water Years and Current Water Year, Ending At Midnight June 12, 2023



■ Historical Average
 — Total Reservoir Capacity
 ● 1976-1977 (Driest)
 ▲ 1977-1978
 ◆ 1982-1983 (Wet)
 — 2021-2022
 ▼ 2014-2015
 — Current: 2022-2023

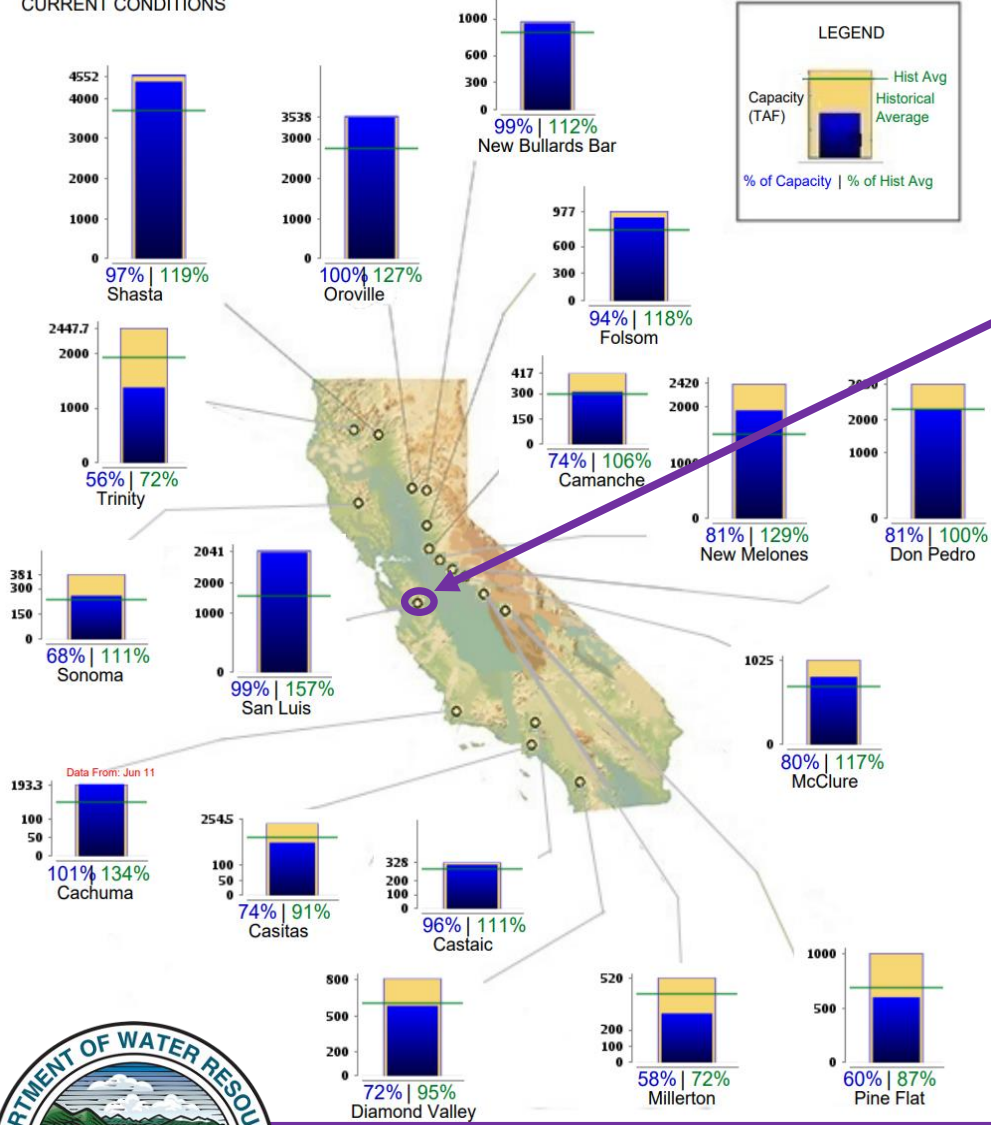


Lake Oroville Reservoir Levels

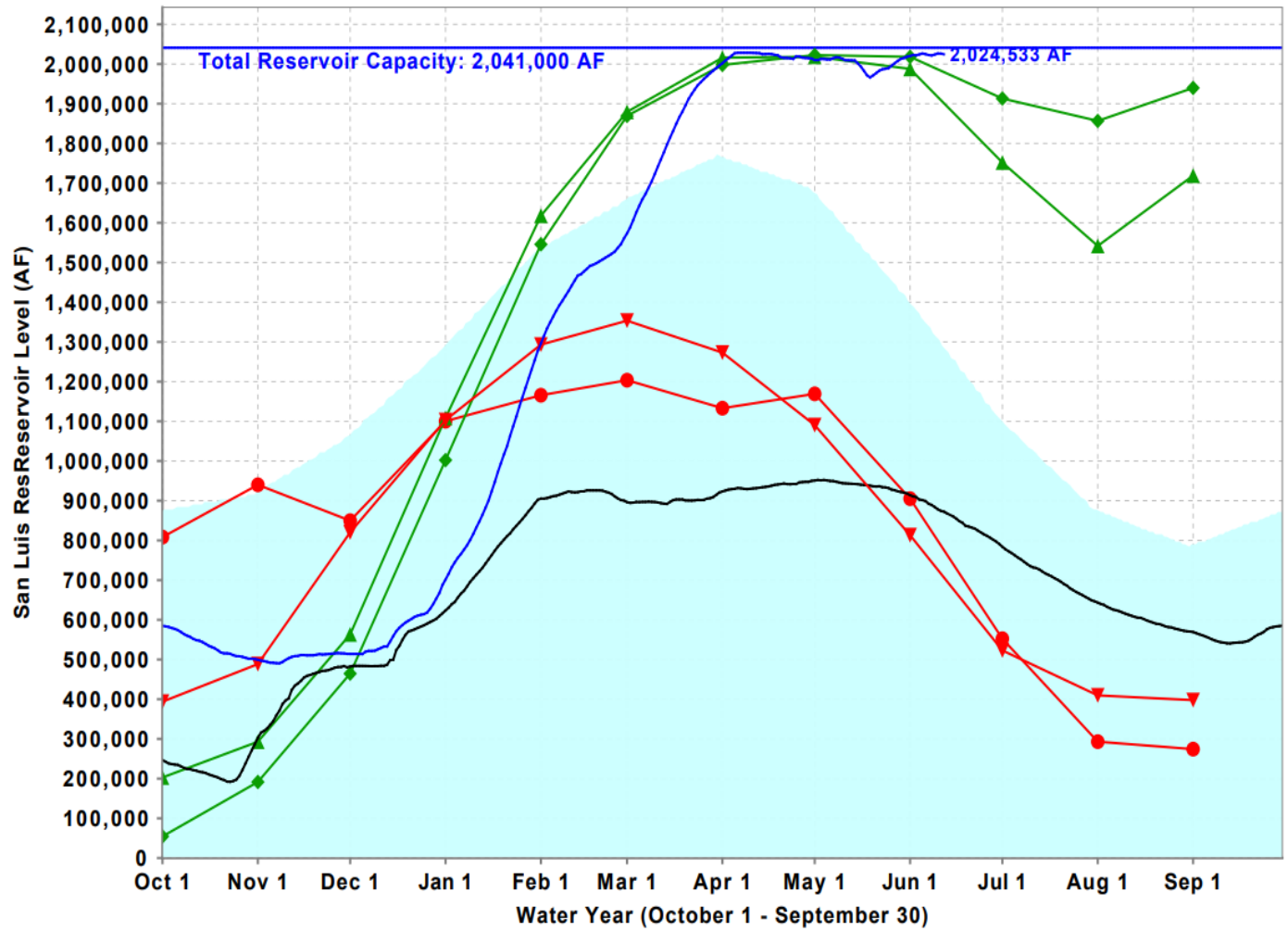
CALIFORNIA MAJOR WATER SUPPLY RESERVOIRS

CURRENT CONDITIONS

Midnight - June 12, 2023



San Luis Res Levels: Various Past Water Years and Current Water Year, Ending At Midnight June 12, 2023

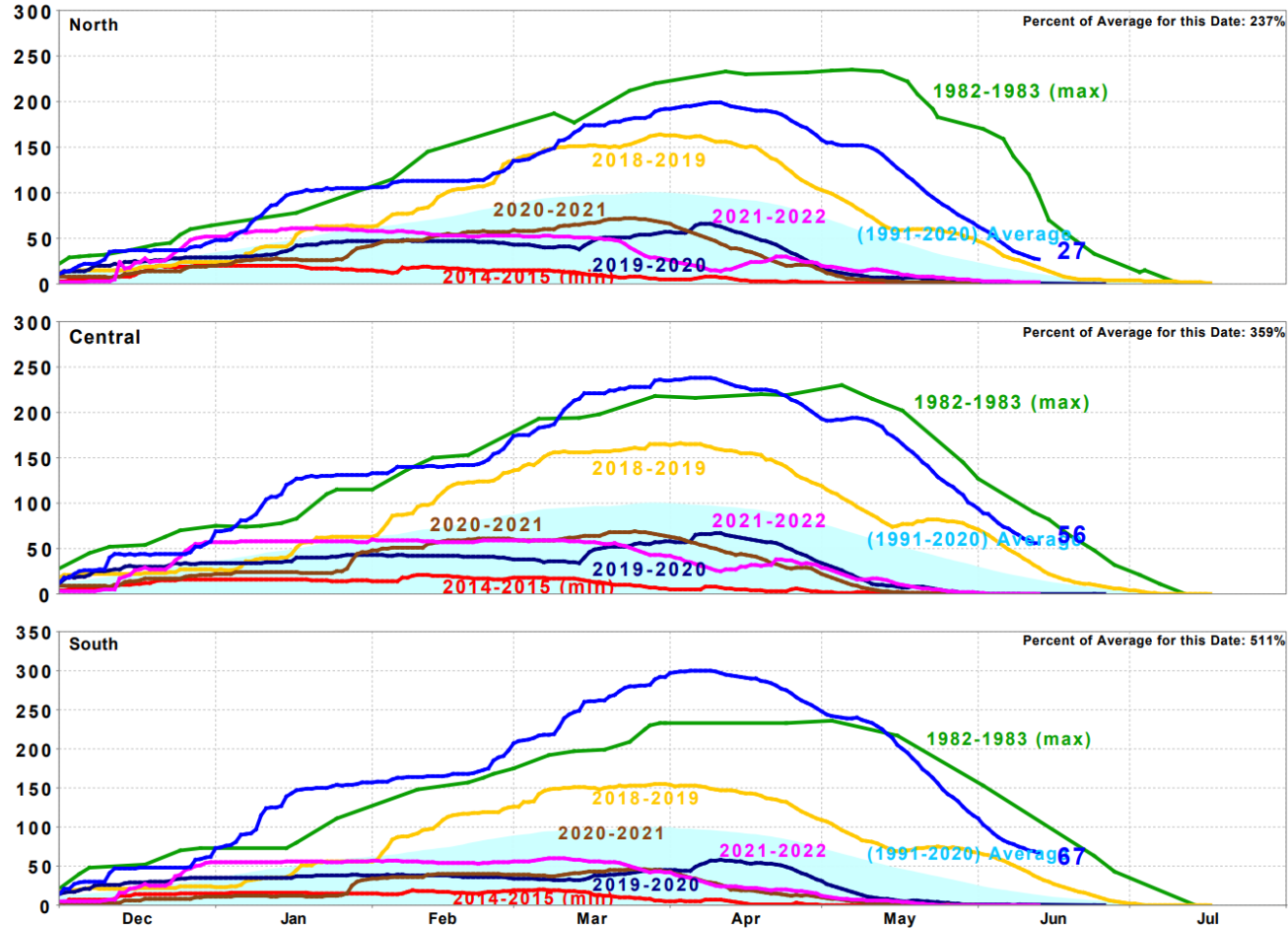


■ Historical Average
 — Total Reservoir Capacity
 ● 1976-1977
 ▲ 1977-1978
 ◆ 1982-1983 (Wettest)
 ▼ 2014-2015 (Driest)
 — Current: 2022-2023



San Luis Reservoir Levels

California Snow Water Content, June 13, 2023, Percent of April 1 Average

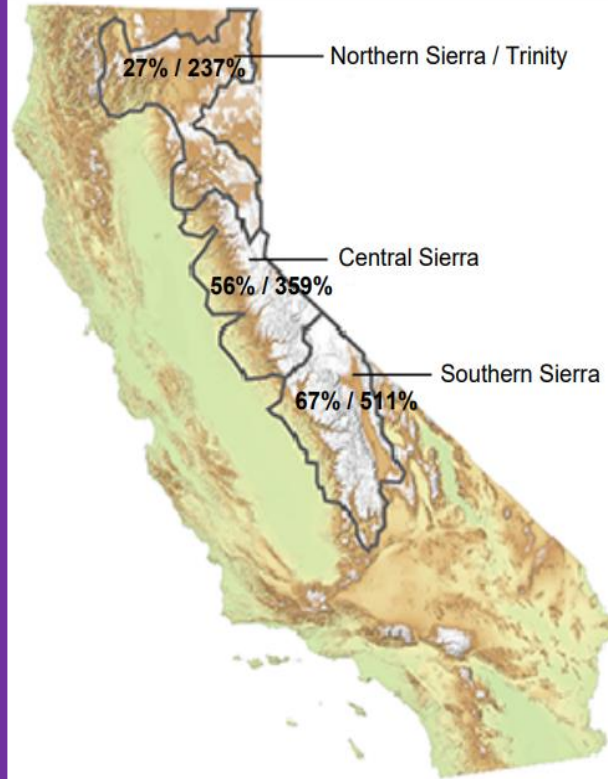


Statewide Percent of April 1: 48%

Statewide Percent of Average for Date: 327%

CURRENT REGIONAL SNOWPACK FROM AUTOMATED SNOW SENSORS

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



NORTH	
Data as of June 13, 2023	
Number of Stations Reporting	25
Average snow water equivalent (Inches)	7.8
Percent of April 1 Average (%)	27
Percent of normal for this date (%)	237

CENTRAL	
Data as of June 13, 2023	
Number of Stations Reporting	40
Average snow water equivalent (Inches)	13.6
Percent of April 1 Average (%)	56
Percent of normal for this date (%)	359

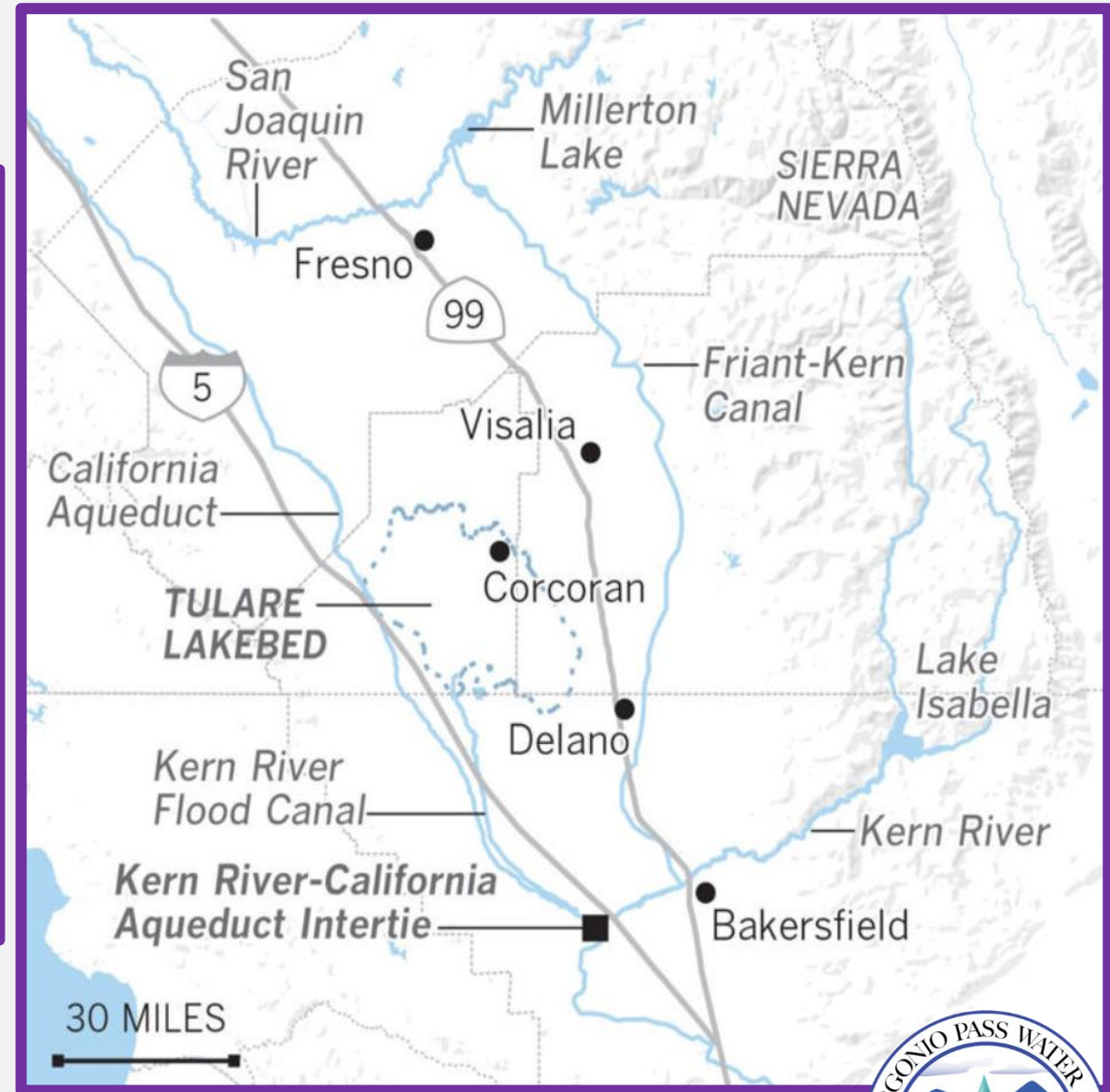
SOUTH	
Data as of June 13, 2023	
Number of Stations Reporting	23
Average snow water equivalent (Inches)	13.1
Percent of April 1 Average (%)	67
Percent of normal for this date (%)	511

STATE	
Data as of June 13, 2023	
Number of Stations Reporting	88
Average snow water equivalent (Inches)	11.8
Percent of April 1 Average (%)	48
Percent of normal for this date (%)	327

Statewide Average: 48% / 327%



Sierra Nevada Mountain Snowpack



Kern River - SWP Intertie

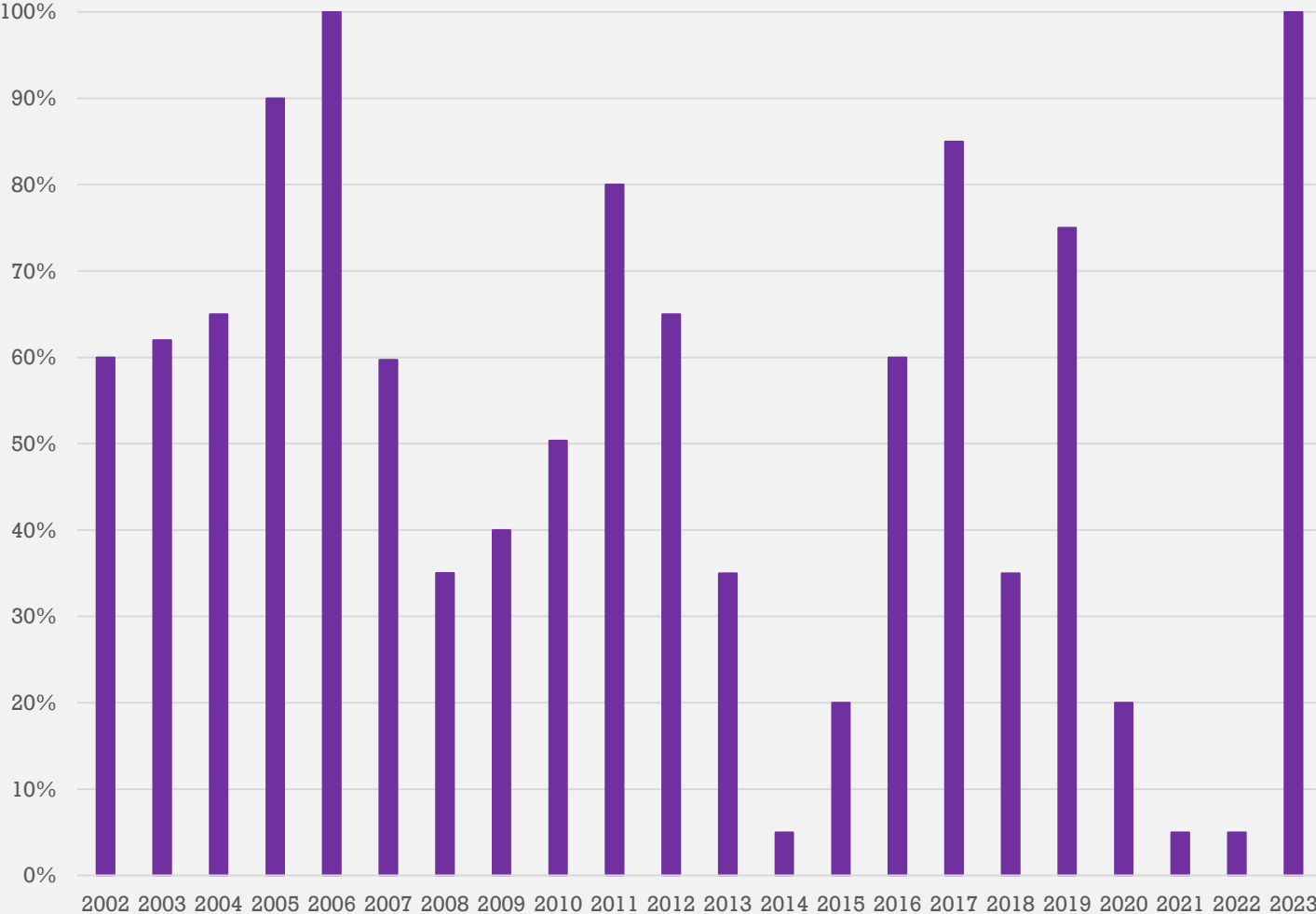
Kern River - SWP Intertie

- DWR approved the operation of Kern River Intertie due to historic snowpack and mitigates further flooding of Tulare Lake
- Intertie has not been used since 2006
- 75,000 AF of planned total deliveries of Kern River water to SWP
- DWR has reported preliminary totals from the Kern River – SWP Intertie were at 24,710 AF



Kern River - SWP Intertie

Historic SWP Allocations



SGPWA Portfolio @ 100%		
Source	TOTAL (AF)	Delivered
SWP - Carryover	2,231	✓
SWP – CCWA Return Water	800	✓
SWP – City of Yuba Transfer	495	✓
SWP – Article 21	3,336 (to date)	✓
SWP - Table A	17,300	✓
SWP - Ventura	10,000	
Subtotal SWP	34,162	
Non-SWP - Nickel Water	1,700	
Total	35,862	

**Subject to Final Verification*



SWP Allocation & Portfolio Update



Brookside East Recharge Facility

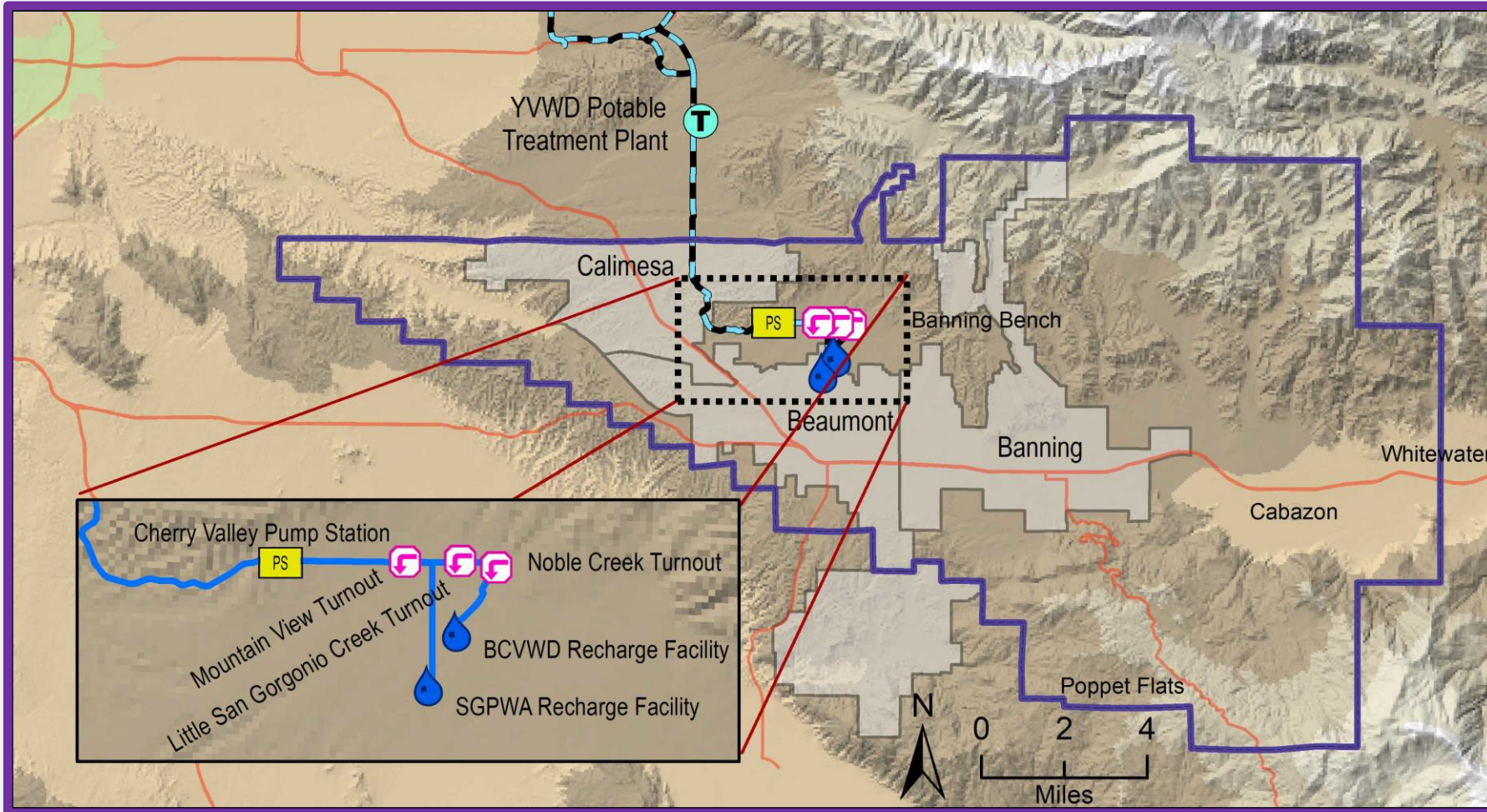


BCVWD Recharge Facilities



June Recharge Activities





	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec	Total
Recharge	0	1,339	2,539	2,529	1,454	2,000							9,861
Direct	0	0	0	0	0	0							0

*Estimated
*From Local Storage



Local Deliveries 2023 (acre-feet)

Subject to Final Verification