

Water Conditions Update



Board of Director's Meeting
May 22, 2023



**Weather
&
Reservoir
Conditions**

**DWR Snow
Surveys**

**SWP
Allocation &
Water
Portfolio**

**SWP
Deliveries &
Recharge**

**Local Water
Conditions**



Discussion



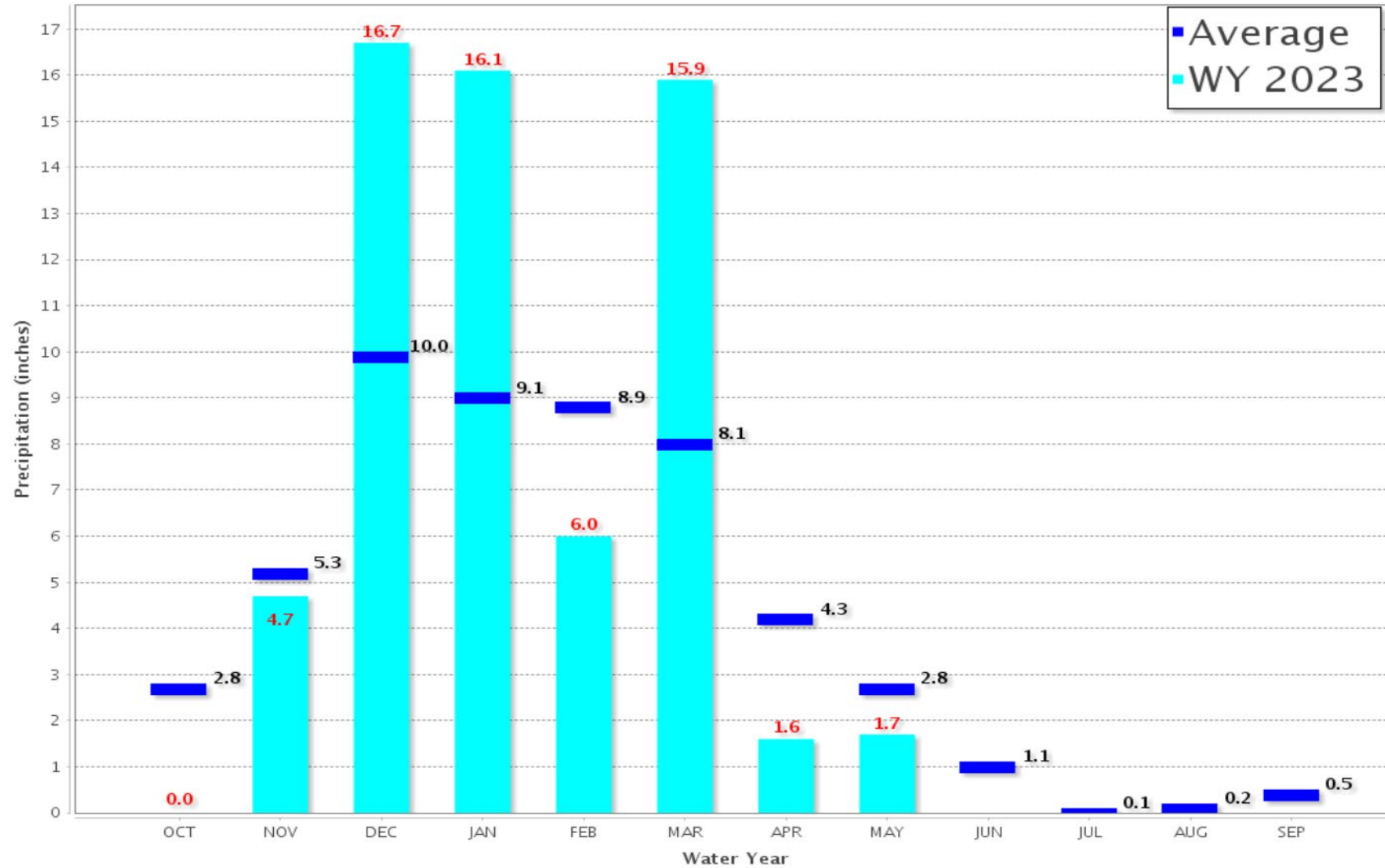


Northern Sierra 8-Station

Precipitation Index for Water Year 2023 - Updated on May 16, 2023 09:48 PM

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

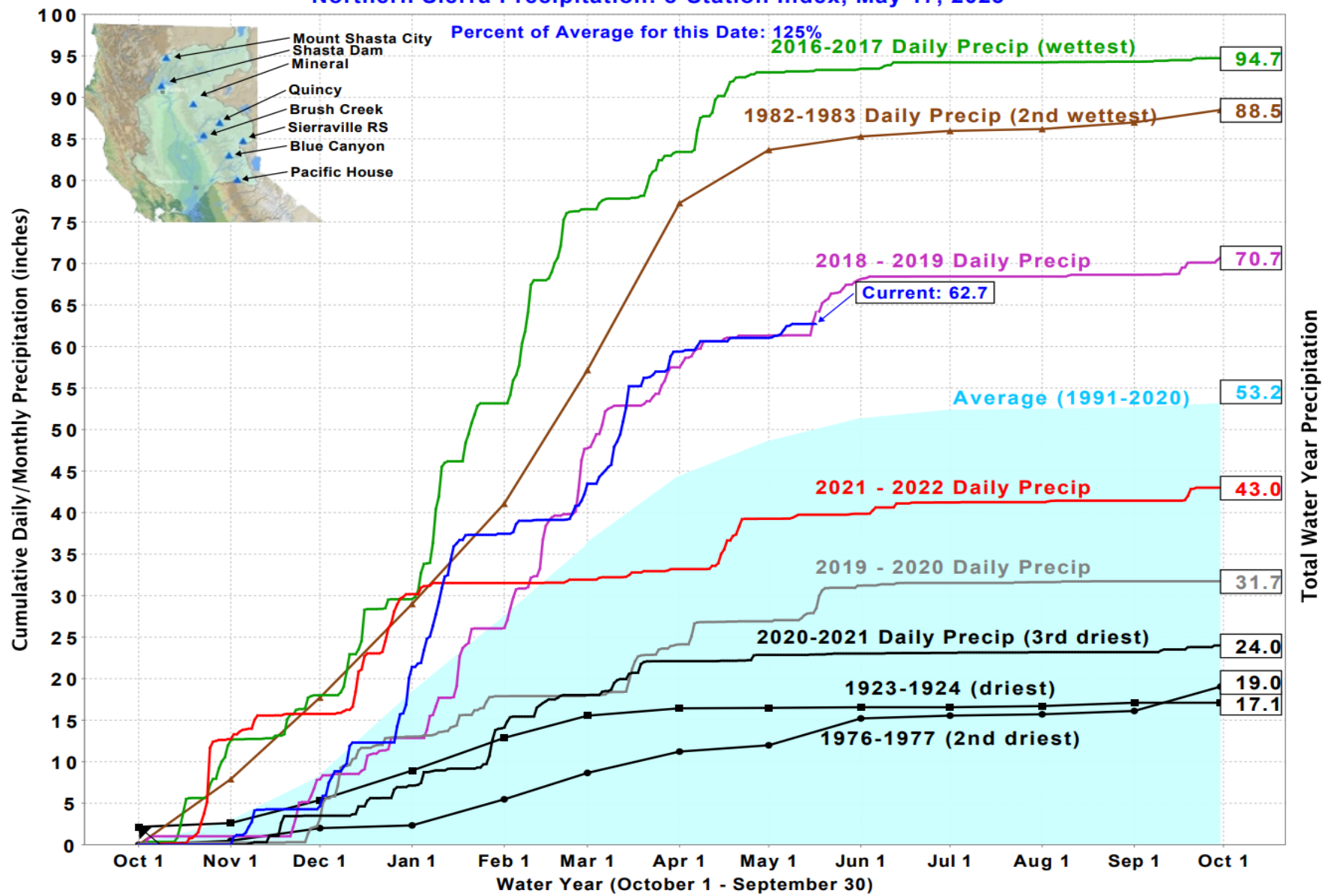
Water Year Monthly totals are calculated based on Daily precipitation data from 12am to 12am PST



State Precipitation Stations – North Sierra



Northern Sierra Precipitation: 8-Station Index, May 17, 2023

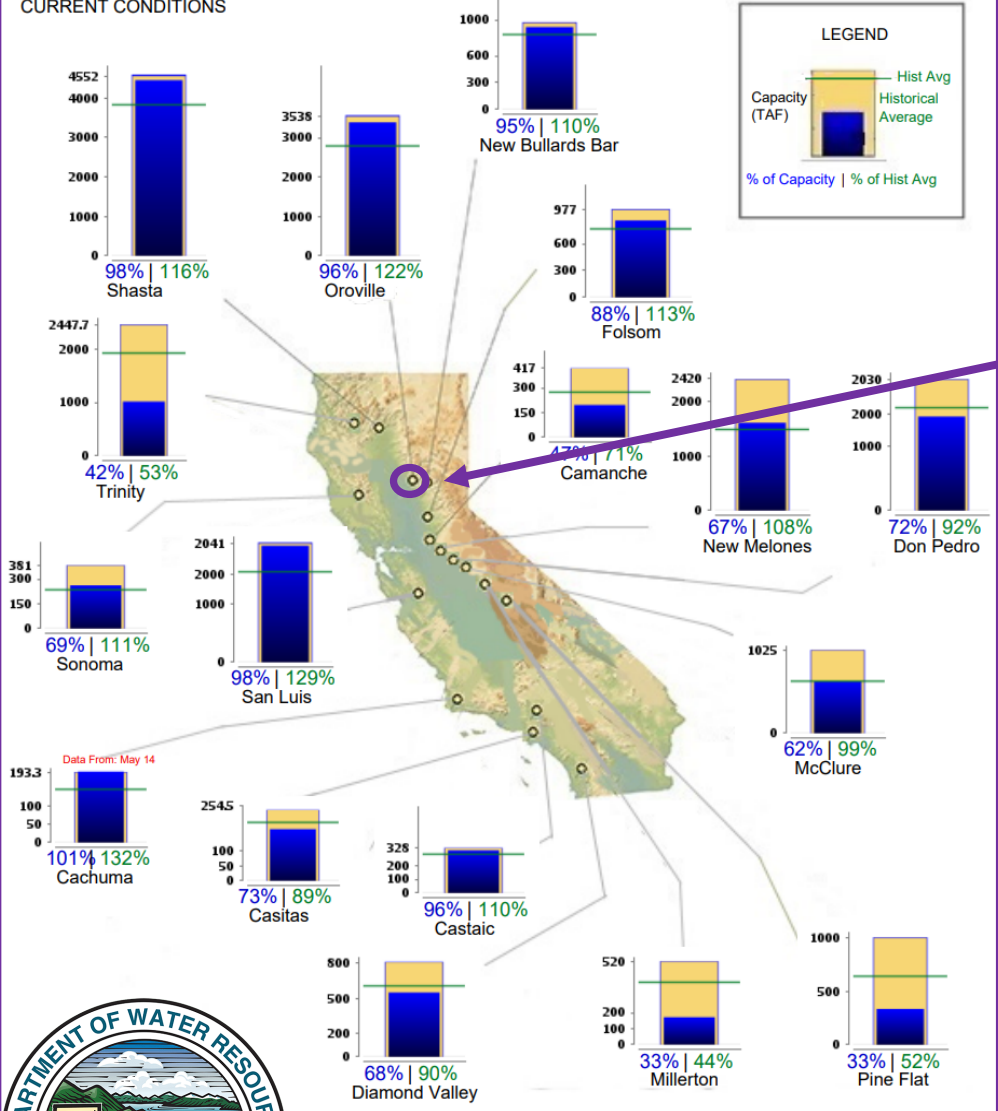


State Precipitation Stations – North Sierra

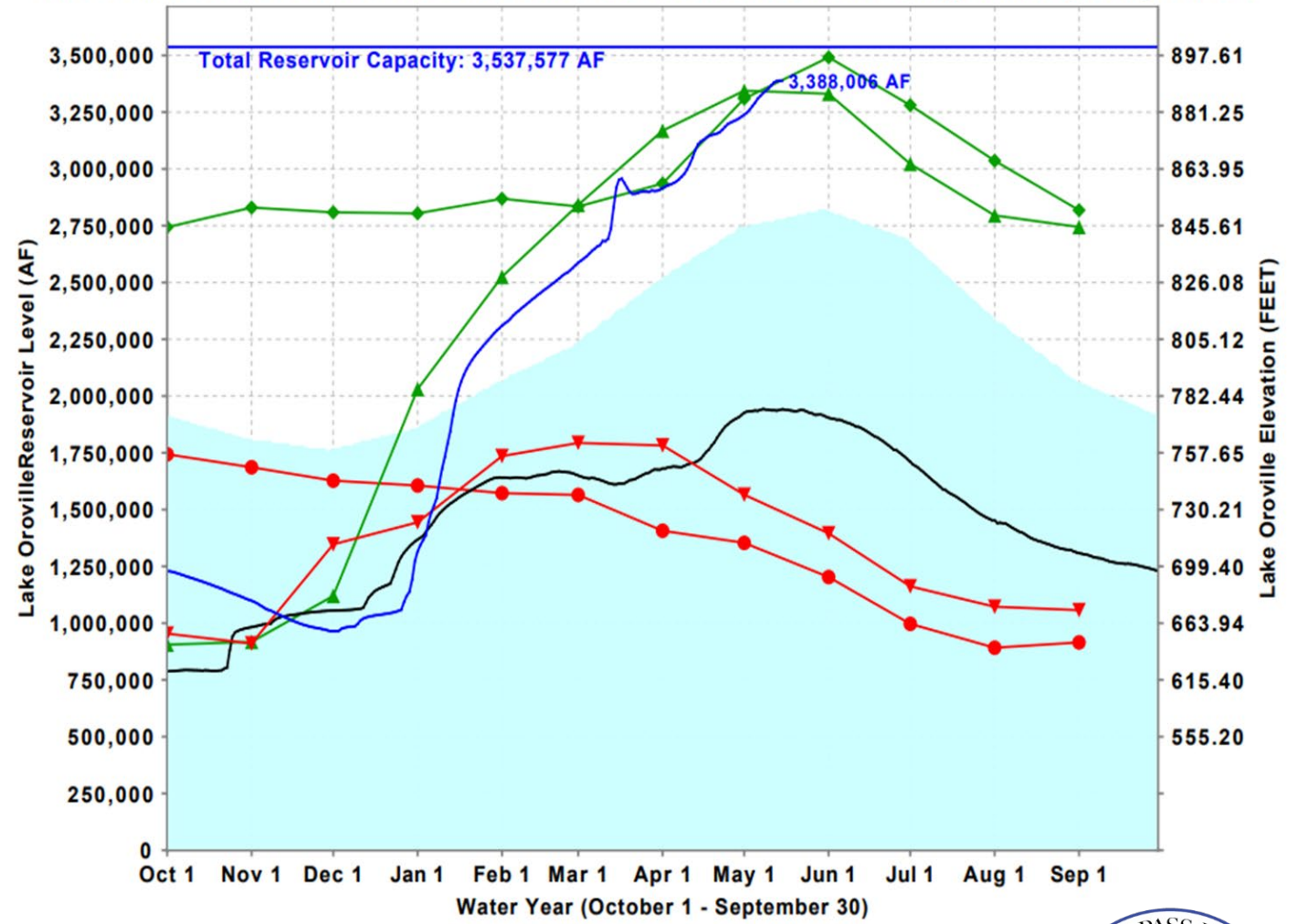
CALIFORNIA MAJOR WATER SUPPLY RESERVOIRS

CURRENT CONDITIONS

Midnight - May 15, 2023



Lake Oroville Levels: Various Past Water Years and Current Water Year, Ending At Midnight May 15, 2023

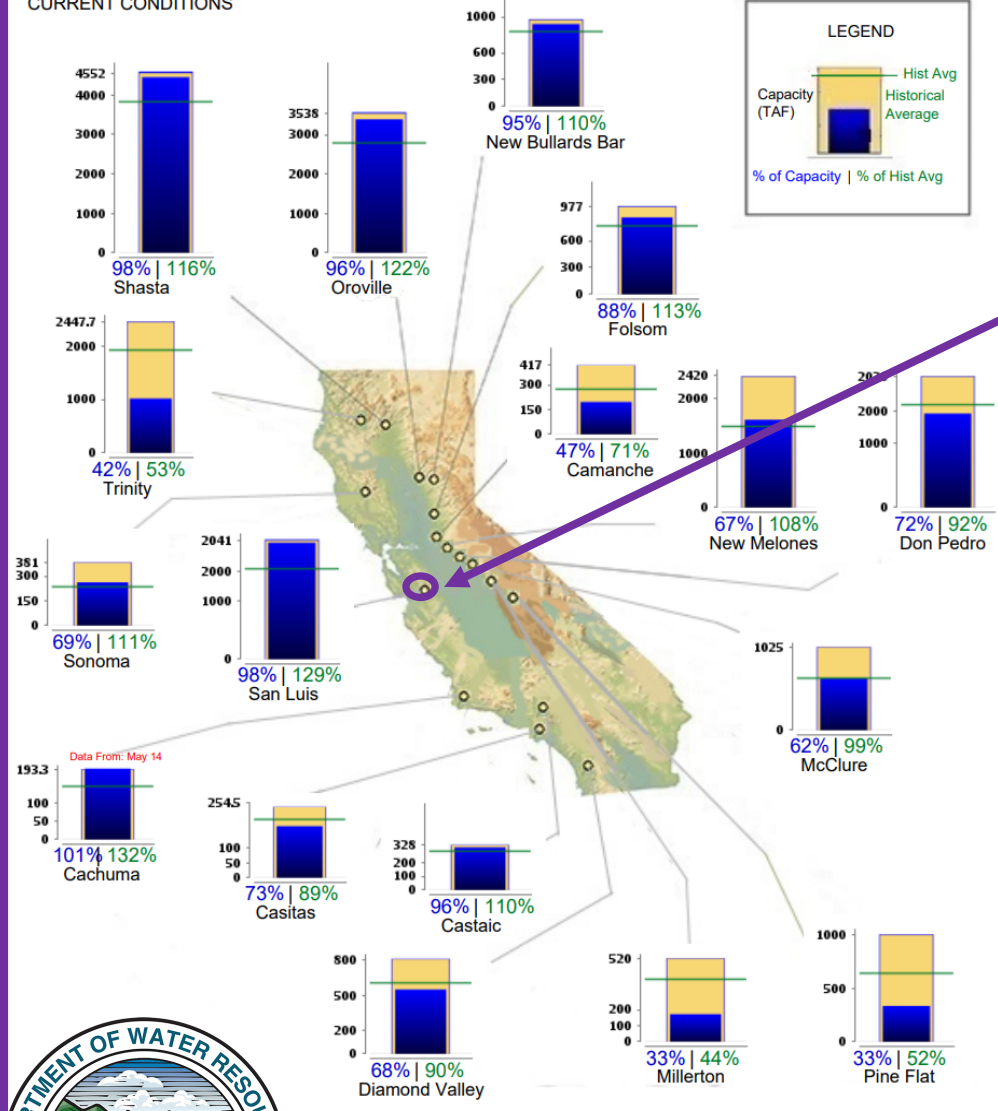


Lake Oroville Reservoir Levels

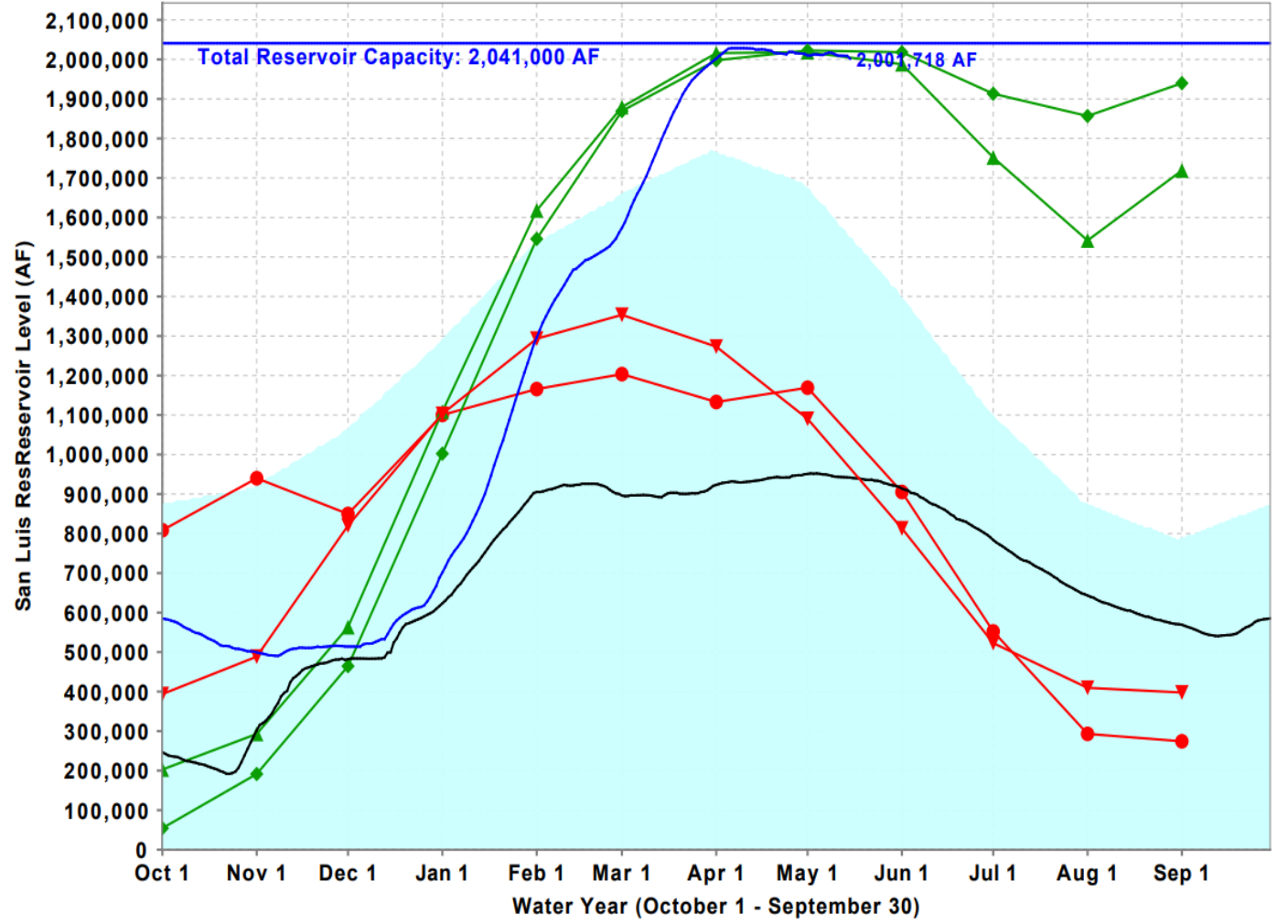
CALIFORNIA MAJOR WATER SUPPLY RESERVOIRS

CURRENT CONDITIONS

Midnight - May 15, 2023



San Luis Res Levels: Various Past Water Years and Current Water Year, Ending At Midnight May 15, 2023



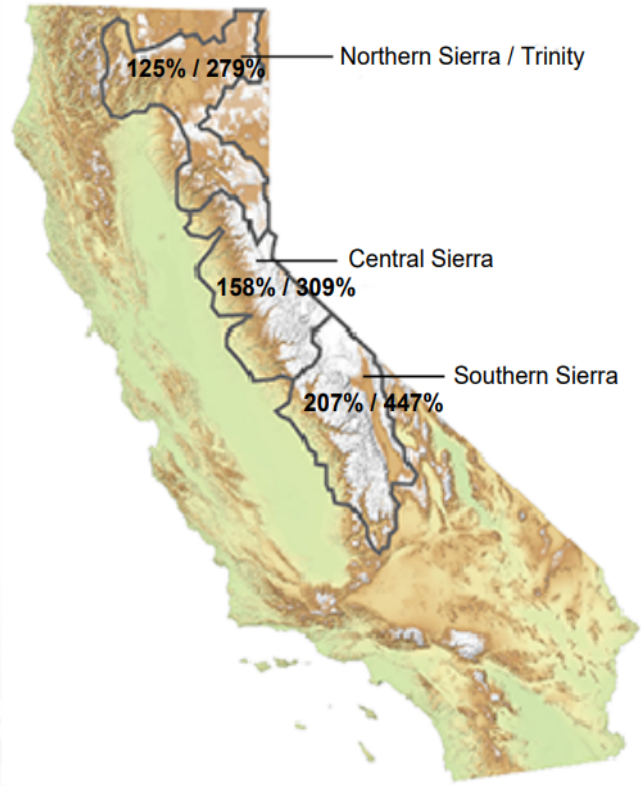
■ Historical Average
 — Total Reservoir Capacity
 ● 1976-1977
 ▲ 1977-1978
 ◆ 1982-1983 (Wettest)
 ▼ 2014-2015 (Driest)
 — Current: 2022-2023



San Luis Reservoir Levels

CURRENT REGIONAL SNOWPACK FROM AUTOMATED SNOW SENSORS

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



NORTH	
Data as of May 17, 2023	
Number of Stations Reporting	24
Average snow water equivalent (Inches)	37.3
Percent of April 1 Average (%)	125
Percent of normal for this date (%)	279

CENTRAL	
Data as of May 17, 2023	
Number of Stations Reporting	39
Average snow water equivalent (Inches)	40.4
Percent of April 1 Average (%)	158
Percent of normal for this date (%)	309

SOUTH	
Data as of May 17, 2023	
Number of Stations Reporting	24
Average snow water equivalent (Inches)	41.0
Percent of April 1 Average (%)	207
Percent of normal for this date (%)	447

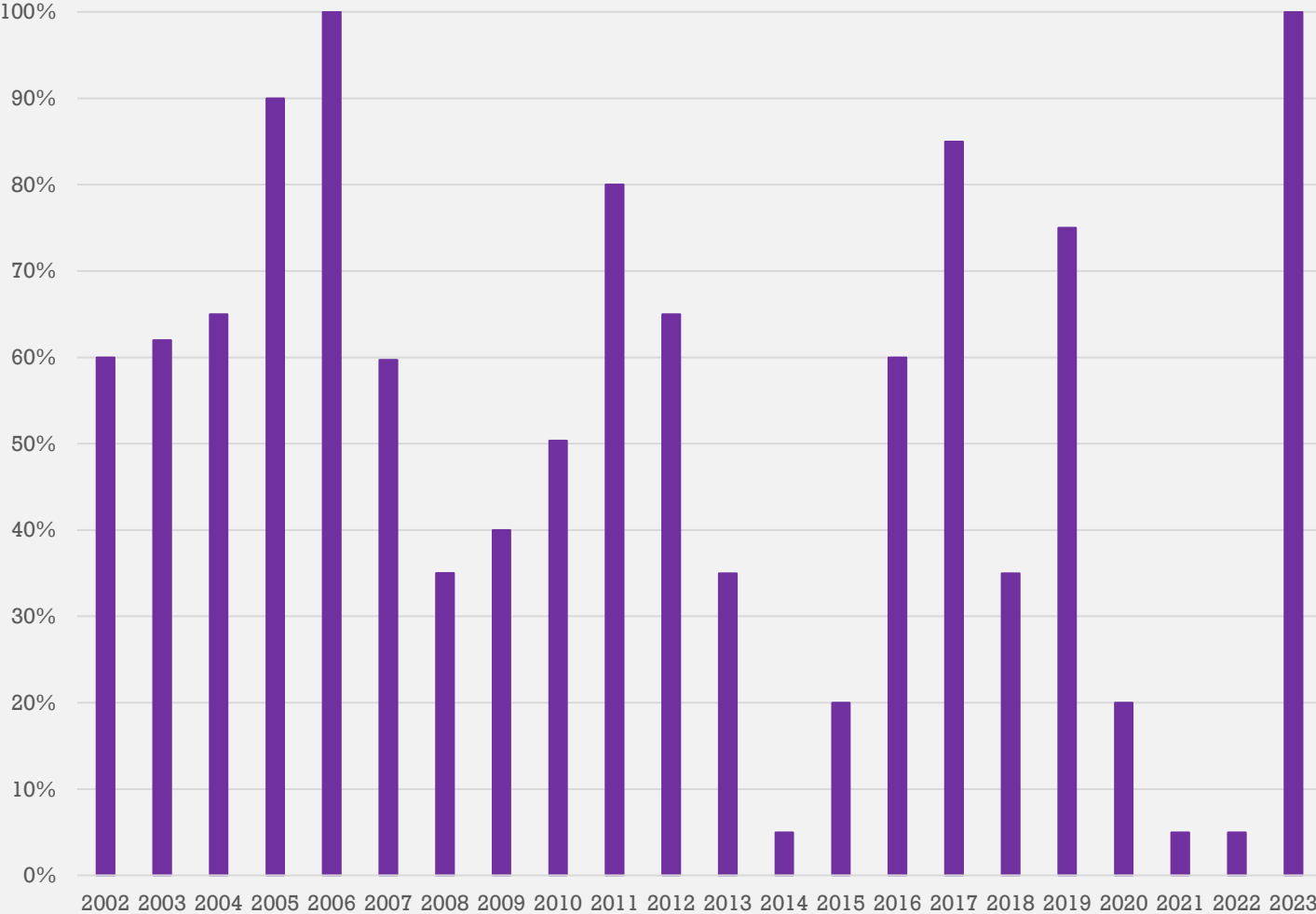
STATE	
Data as of May 17, 2023	
Number of Stations Reporting	87
Average snow water equivalent (Inches)	39.7
Percent of April 1 Average (%)	158
Percent of normal for this date (%)	324

Statewide Average: 158% / 324%



Sierra Nevada Mountain Snowpack

Historic SWP Allocations

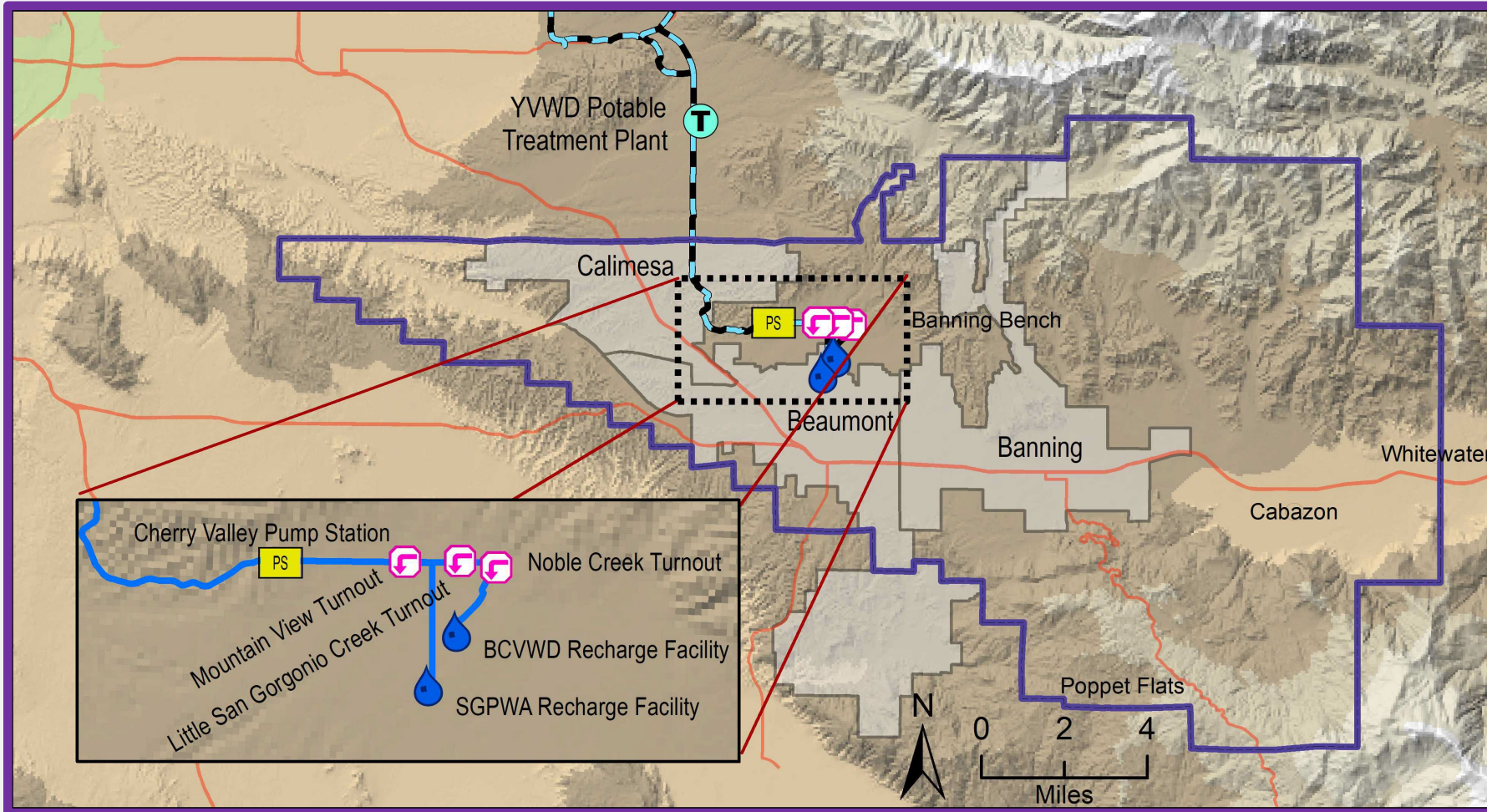


SGPWA Portfolio @ 100%		
Source	TOTAL (AF)	Delivered
SWP - Carryover	2,231	✓
SWP – CCWA Return Water	800	✓
SWP – City of Yuba Transfer	495	✓
SWP – Article 21	1,882 (to date)	✓
SWP - Table A	17,300	✓
SWP - Ventura	10,000	
Subtotal SWP	32,708	
Non-SWP - Nickel Water	1,700	
Total	34,408	

**Subject to Final Verification*



2023 SWP Allocation & Portfolio Update



	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec	Total
Recharge	0	1,339	2,539	2,529	1,600								8,007
Direct	0	0	0	0	0								0

*Estimated
*From Local Storage

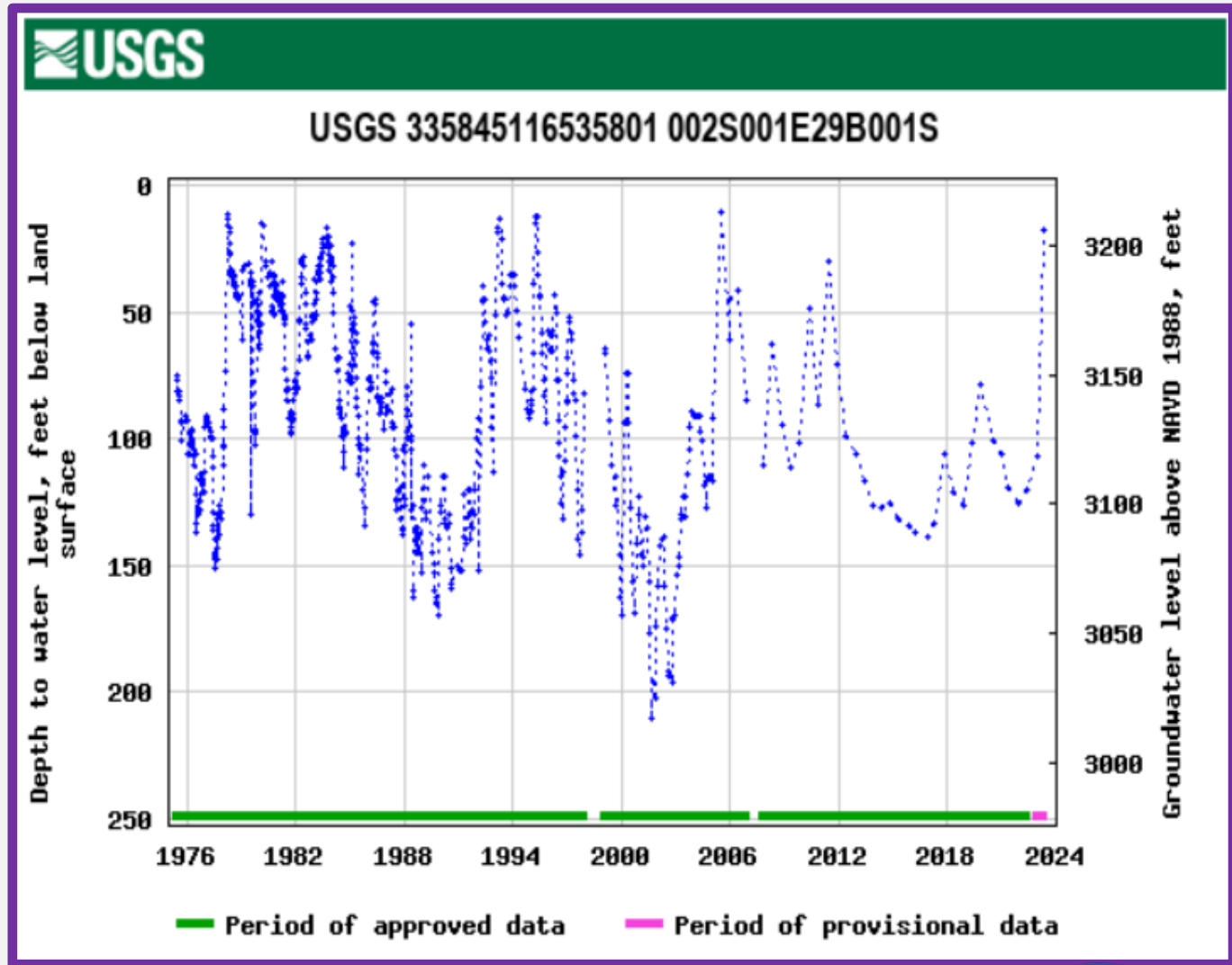


Local Deliveries 2023 (acre-feet)

Subject to Final Verification



USGS Measuring Monitoring Well



Hydrograph of City of Banning Production Well



Local Water Conditions