

Water Conditions Update



SGPWA Workshop
September 19, 2022



**Weather
&
Reservoir
Conditions**

**Forecasted
Hydrologic
Conditions**
DRY

Water Debt

**2022³
Requests**

**2022
Deliveries**



Discussion



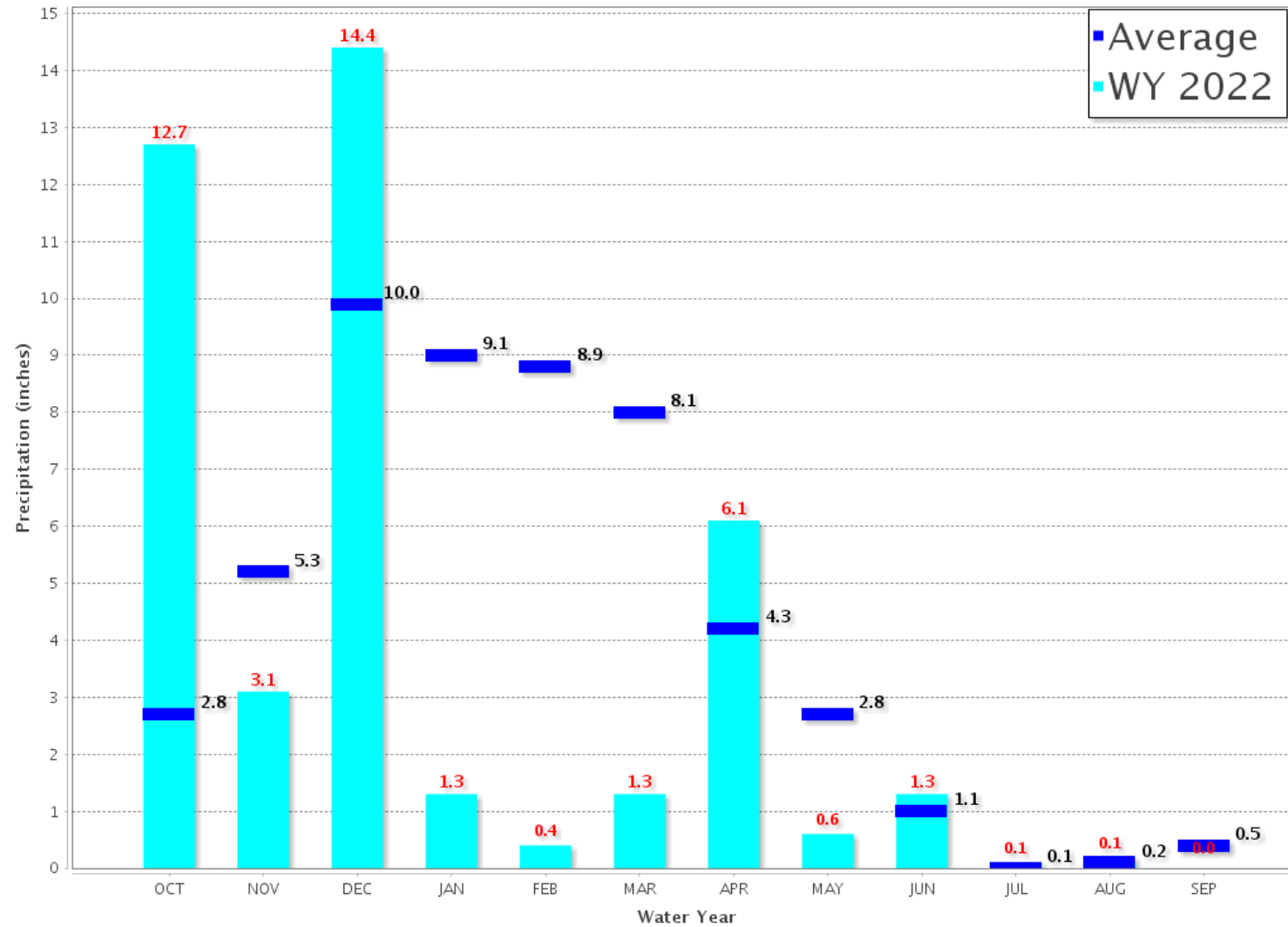


Northern Sierra 8-Station

Precipitation Index for Water Year 2022 – Updated on September 14, 2022 02:48 PM

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

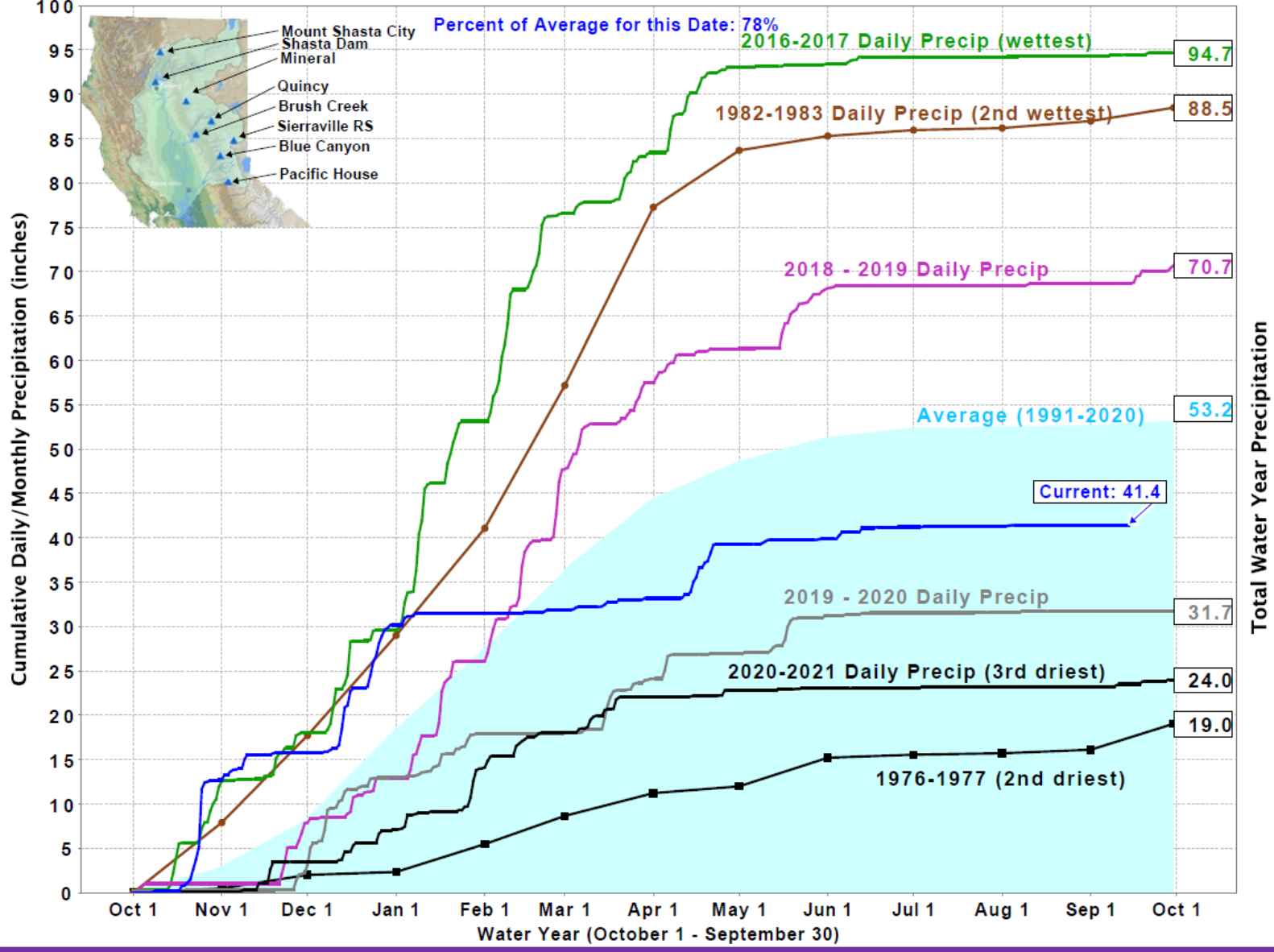
Water Year Monthly totals are calculated based on Daily precipitation data from 12am to 12am PST



State Precipitation Stations



Northern Sierra Precipitation: 8-Station Index, September 14, 2022

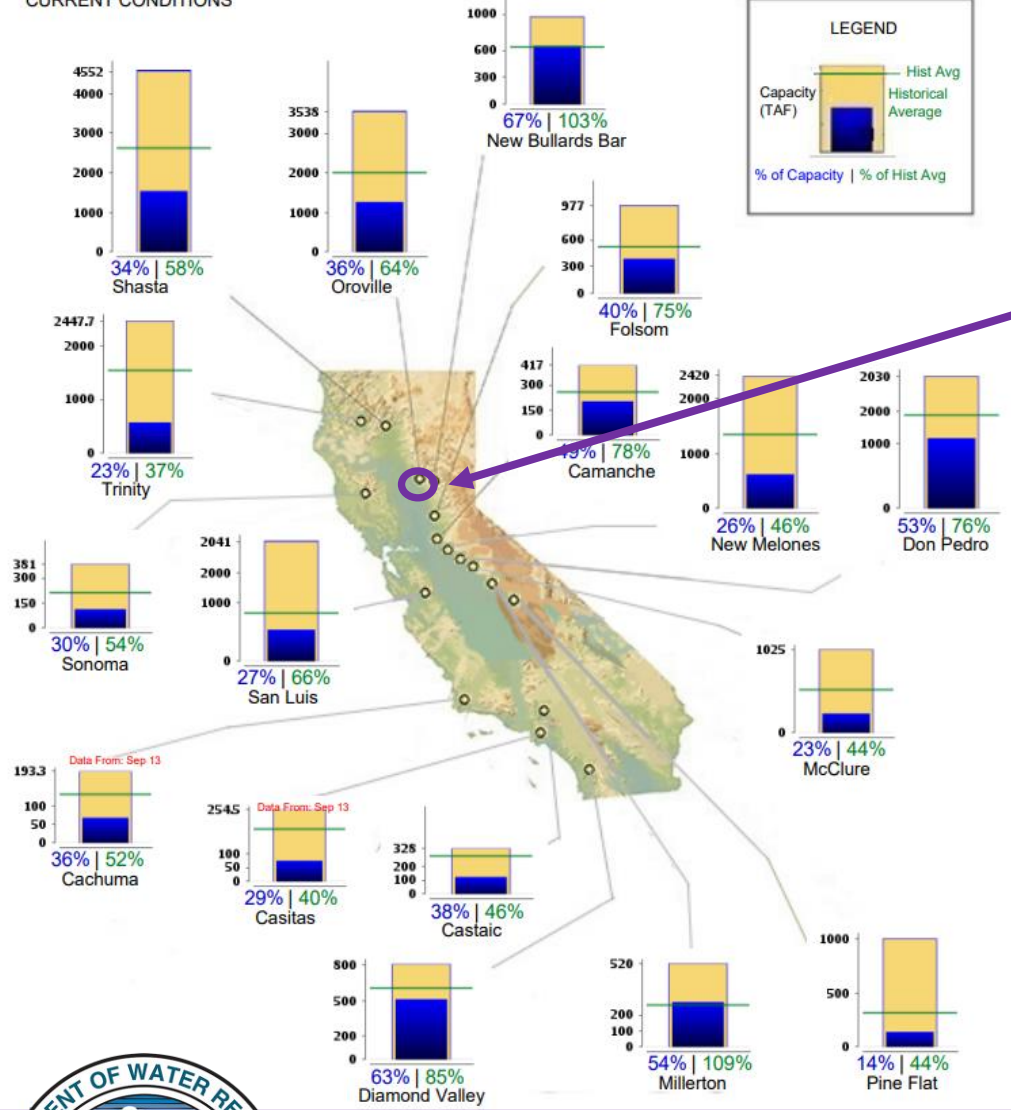


State Precipitation Stations

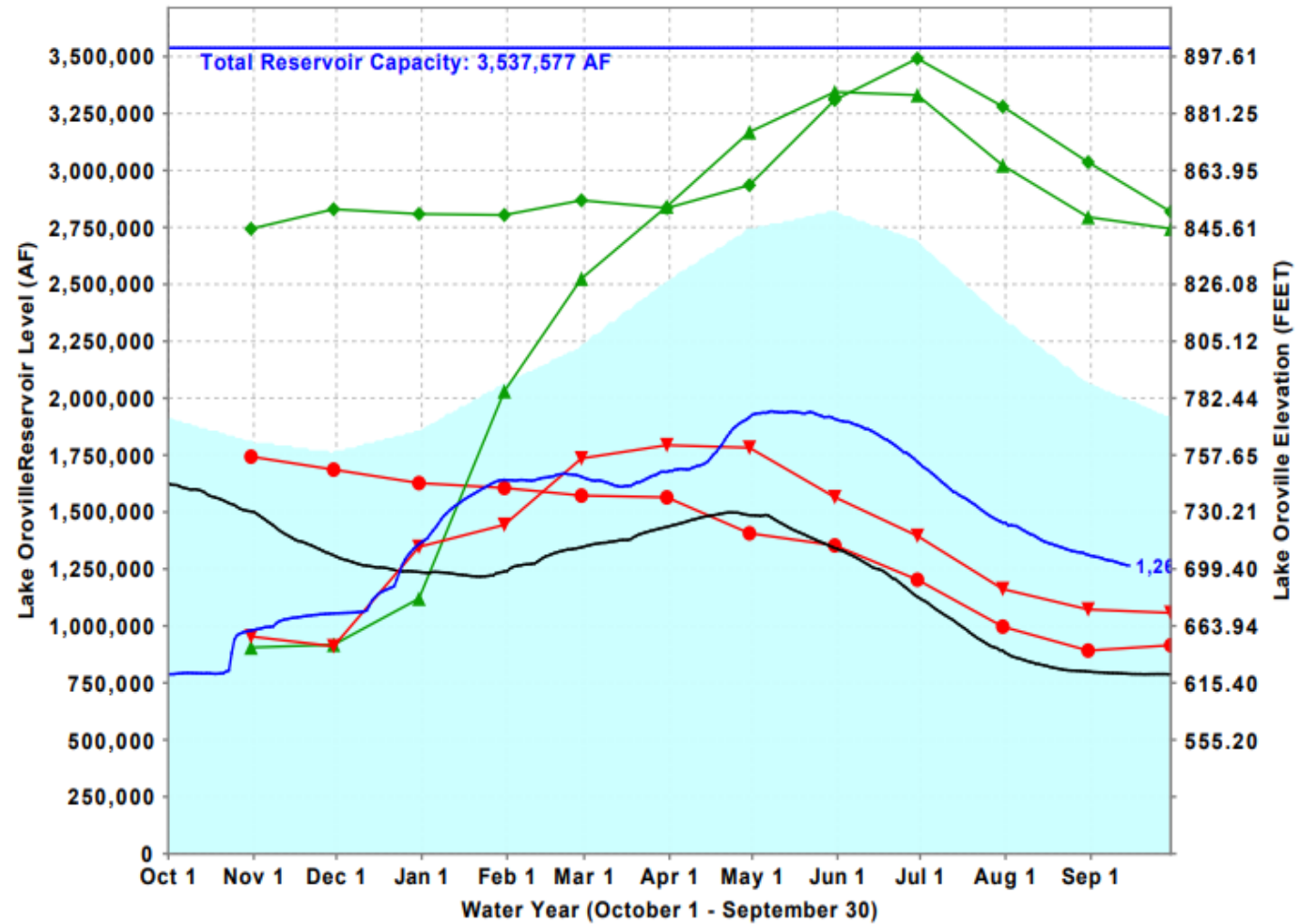
CALIFORNIA MAJOR WATER SUPPLY RESERVOIRS

CURRENT CONDITIONS

Midnight - September 15, 2022



Lake Oroville: Various Past Water Years and Current Water Year, Ending At Midnight September 15, 2022



■ Historical Average
 — Total Reservoir Capacity
 ● 1976-1977 (Driest)
 ▲ 1977-1978
 ◆ 1982-1983 (Wettest)

— 2020-2021
 ▼ 2014-2015
 — Current: 2021-2022

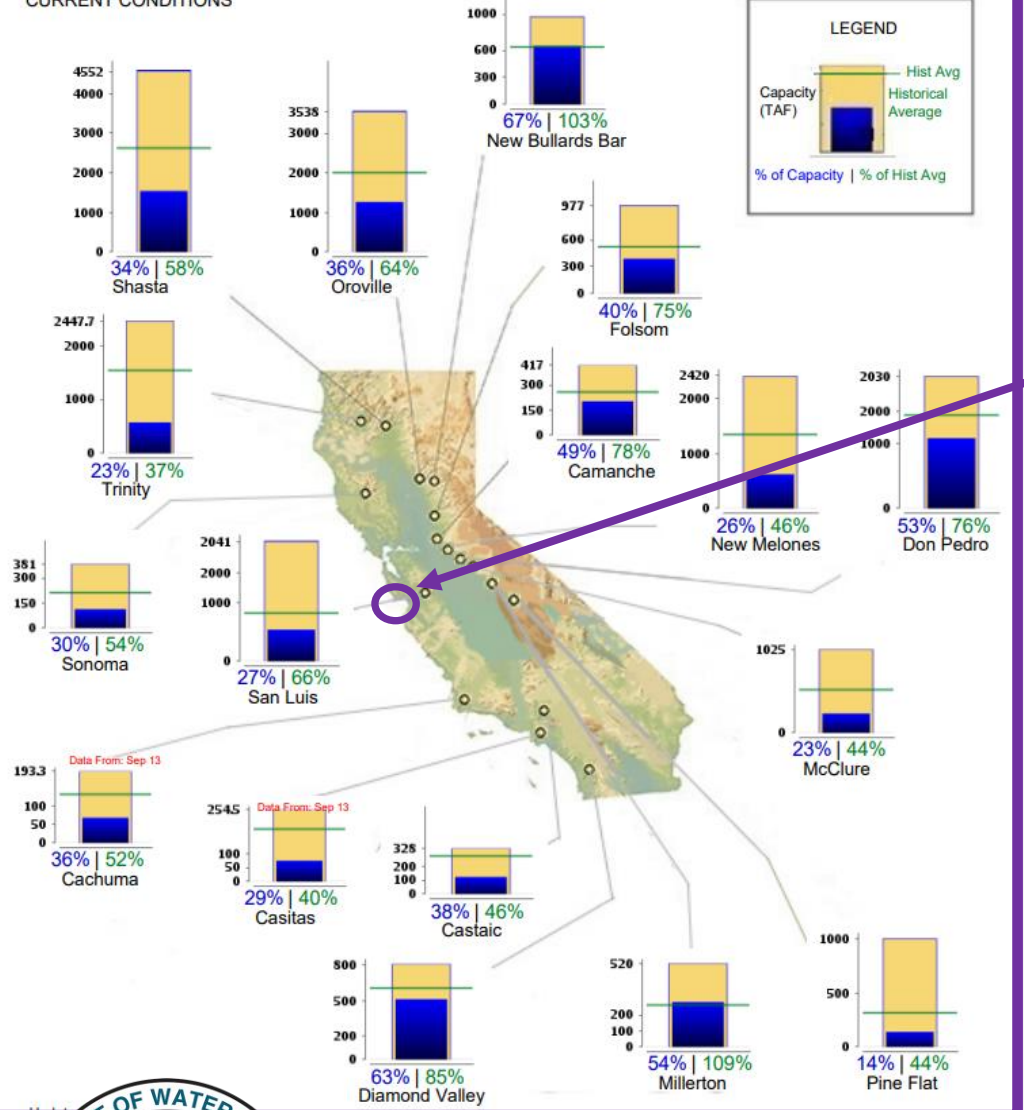


Reservoir Levels

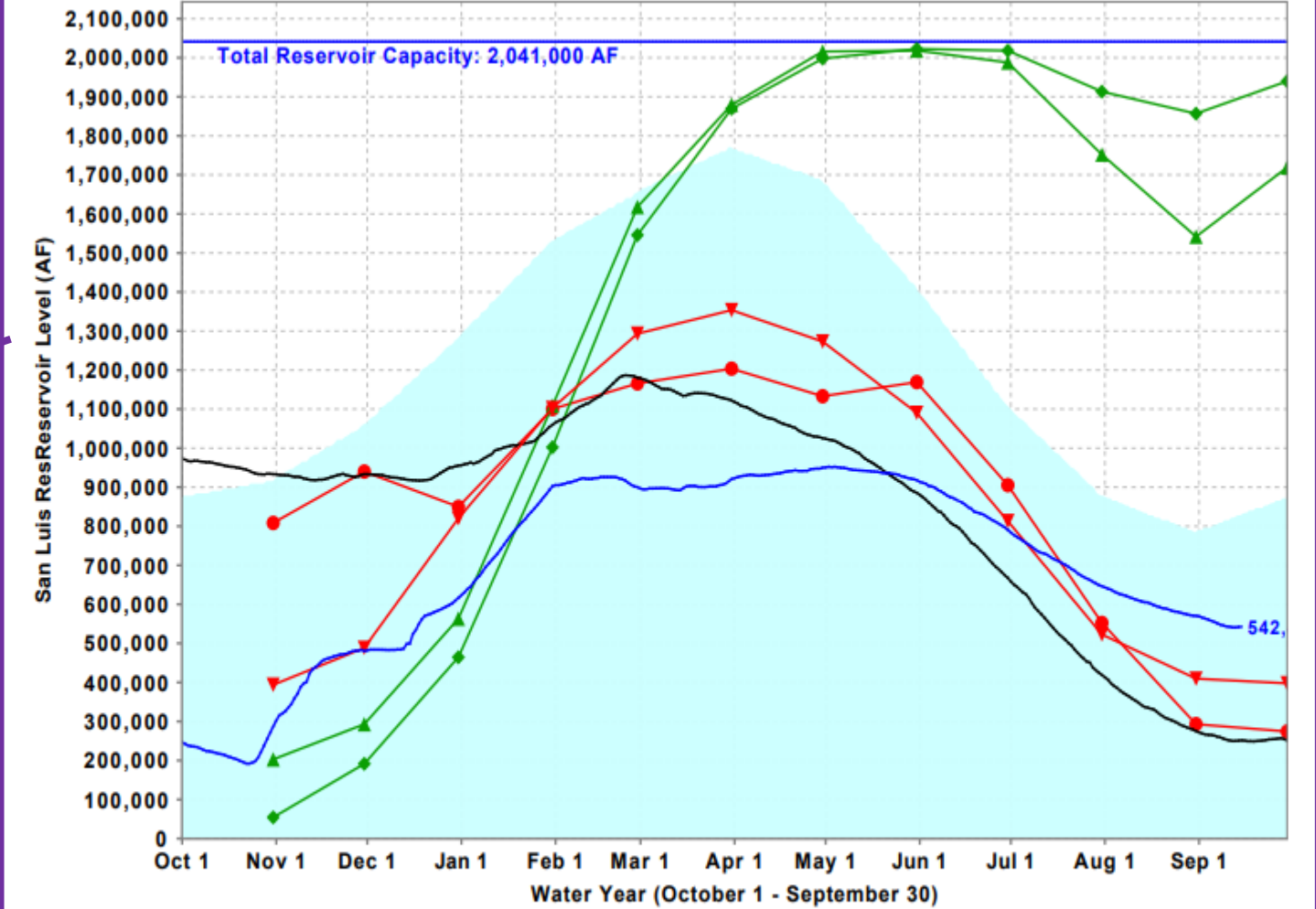
CALIFORNIA MAJOR WATER SUPPLY RESERVOIRS

CURRENT CONDITIONS

Midnight - September 15, 2022



San Luis Res Levels: Various Past Water Years and Current Water Year, Ending At Midnight September 15, 2022



■ Historical Average
 — Total Reservoir Capacity
 ● 1976-1977
 ▲ 1977-1978
 ◆ 1982-1983 (Wettest)
 — 2020-2021
▼ 2014-2015 (Driest)
 — Current: 2021-2022



Reservoir Levels

Outstanding Water Owed	Volume
CLAWA	2,900
Ventura	2,575
Casitas	1,275
TOTAL	4,175*

*Does not include 2,575 AF for Ventura, Outstanding Exchange Water is expected to be part of a 20-year agreement.



Water Debt (acre-feet)

Agency	Year	Allocation	Received	Debt	Returned	Balance	Due By
CLAWA	2010	50%	1,000	1,000	1,000	0	2020
CLAWA	2013	35%	2,000	1,300	0	1,300	2023
CLAWA	2016	60%	1,200	600	0	600	2026
CLAWA	2017	85%	2,000	1,000	0	1,000	2027
Ventura	2018	35%	3,500	1,400	0	1,400	2028
Casitas	2018	35%	1,750	700	0	700	2028
Ventura	2019	75%	1,350	675	0	675	2029
Casitas	2019	75%	650	325	0	325	2029
Ventura	2020	20%	2,000	500	0	500	2030
Casitas	2020	20%	1,000	250	0	250	2030
Ventura	2021	5%	500	0	NA	NA	NA

CLAWA is ~~is~~ **was** requesting some water this year



Water Debt (acre-feet)

Total Current Requests: 18,000 AF



BCVWD

- 16,900 AF
 - 10,900 AF (*Demands*)
 - 6,000 AF (*Banking*)



YVWD

- 900 AF



City of Banning

- 200 AF



SGPWA

- TBD (Future Supply)



Portfolio
Nickel Water
Pass Table A
Carry-Over
Other Table A?
Yuba Water
Beaumont Storage

Water Order 2022



BCVWD

- 16,900 AF
 - 10,900 AF (Demands)
 - 6,000 AF (Banking)
- **18,000 AF (2023)**
 - 11,000 AF (Demands)
 - 7,000 AF (Banking)



YVWD

- 900 AF
- **2,322 AF**
 - 1,822 AF
 - 500 AF



City of Banning

- 200 AF
- **750**



SGPWA

- TBD (Future Supply)

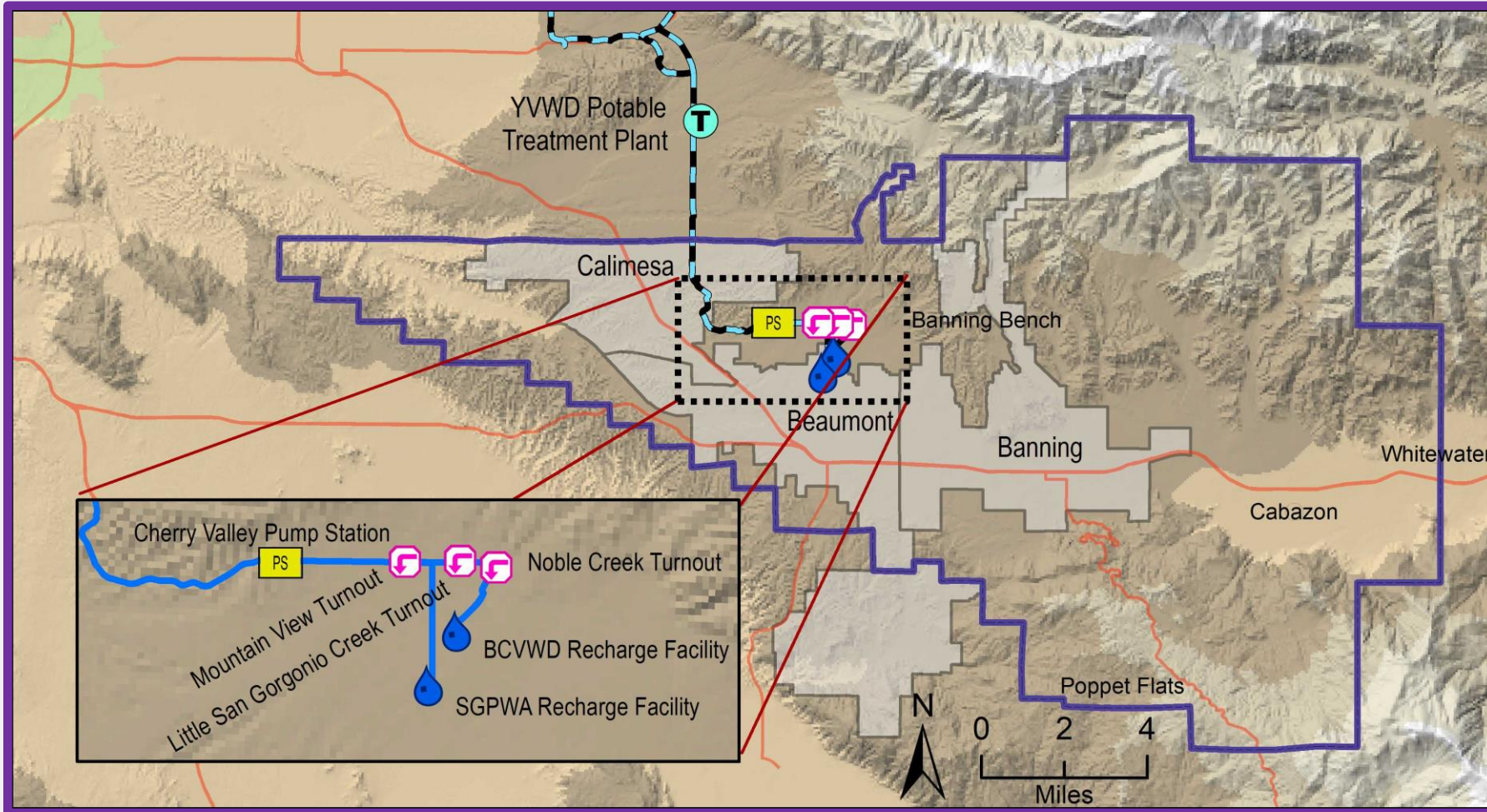


Total Current Requests: 18,000 ~21,072 AF

Portfolio
Pass Table A
Carry-Over
Other Table A?
Nickel Water
Yuba Water
Beaumont Storage

Water Order 2022~~2~~3





	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec	Total
Recharge	0	0	382	0	0	0	0	0					382
Direct	6	0	0	0	40	0	0	0					46

**Estimated*
**From Local Storage*



Local Deliveries 2022 (acre-feet)

Subject to Final Verification