

2024 Surface Water Supply Outlook

Presentation Topics

- 💧 State Water Project Climate & Hydrology Report
- 💧 DWR Allocation Studies & Supply Planning
- 💧 Local Water Resource Dashboard Check-in

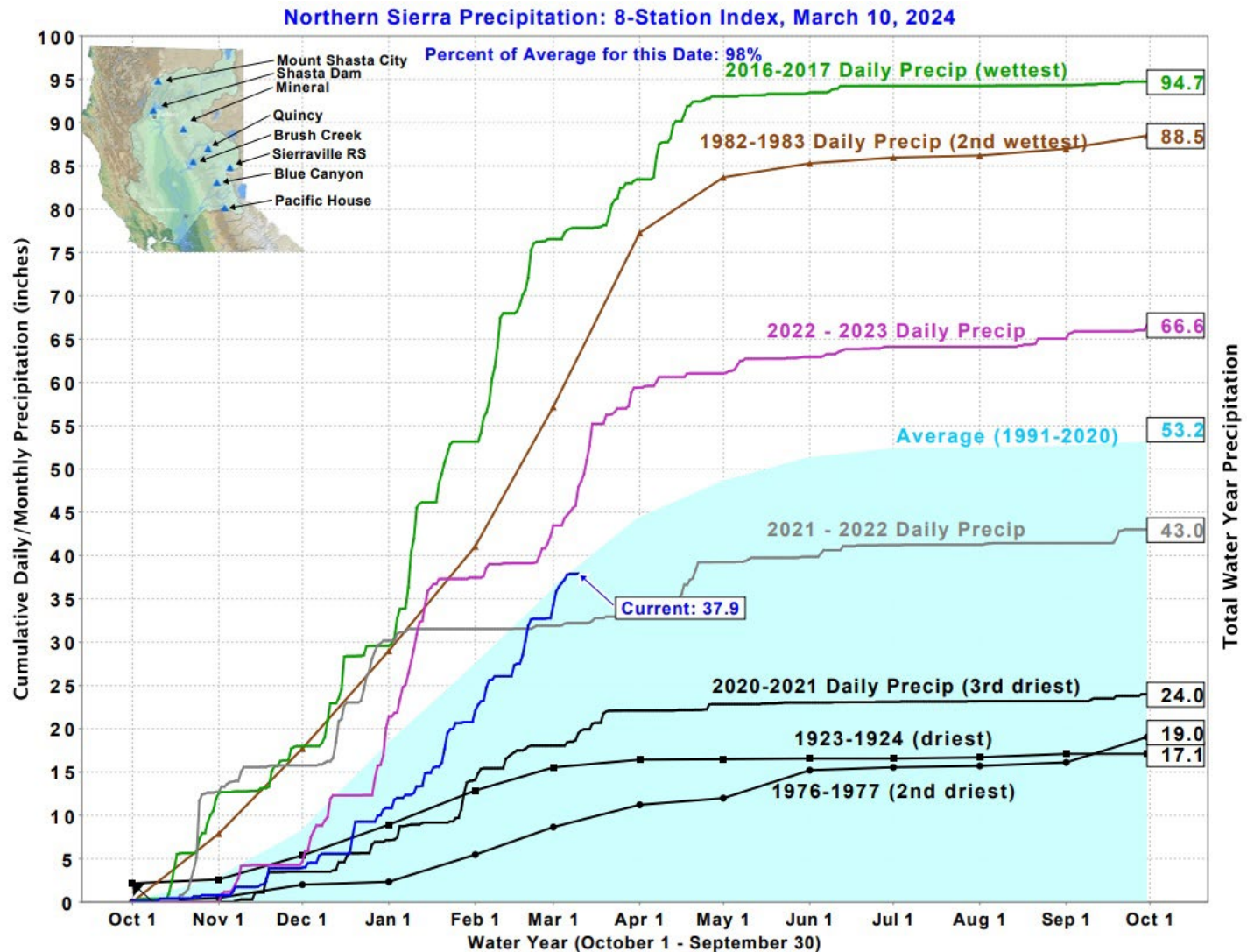


Rick Thomasser, P.G.
District Manager

Christopher Silke, P.E.
Engineering Manager



2024 NorCal Precipitation Statistics

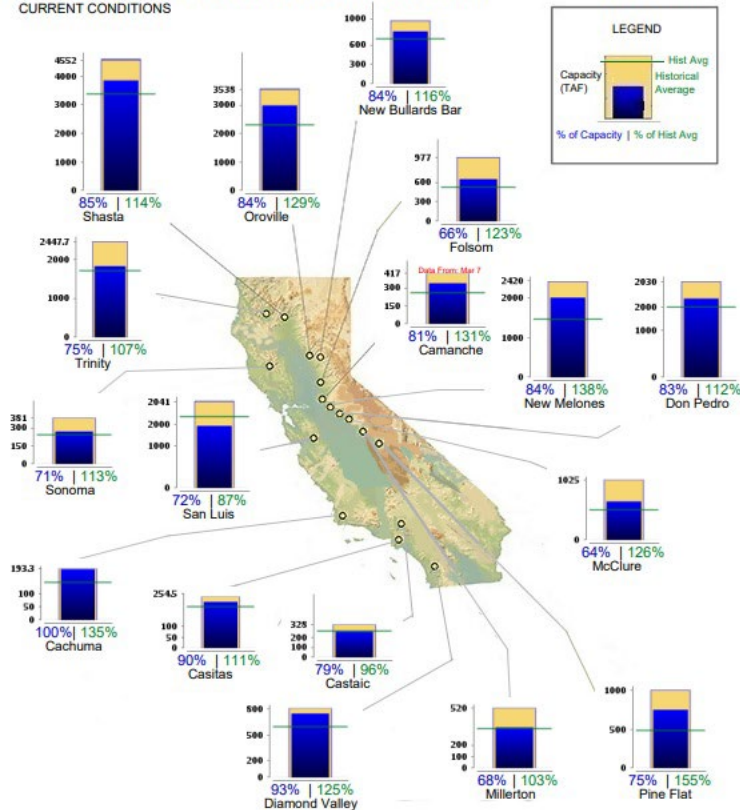


SWP & CVP Reservoirs Summary



CALIFORNIA MAJOR WATER SUPPLY RESERVOIRS
CURRENT CONDITIONS

Midnight - March 9, 2024



Takeaways

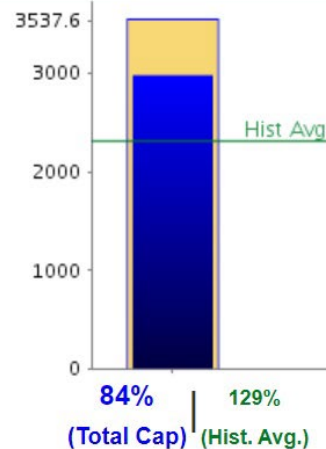
- Majority > 100% Historical Avg
- Shasta Released over 800 kAF
- Oroville in Flood Operations
- San Luis 500 kAF Available Capacity

Lake Oroville & San Luis Reservoir Status

Oroville - Storage Conditions, March 09, 2024



Major Reservoirs Current Conditions Graphs



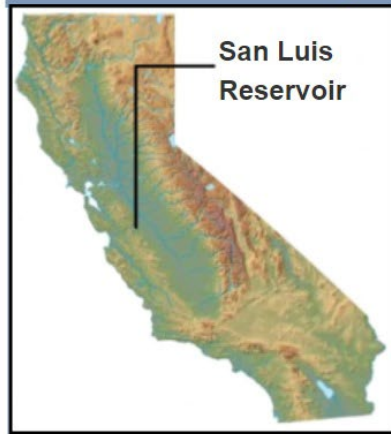
Data as of Midnight: March 09, 2024

- Storage: 2,979,424 AF
- Reservoir Elevation: 862.49 FT
- **84% of Total Capacity**
- **129% of Historical Avg. For This Date**
- Total Capacity: 3,537,577 AF
- Avg. Stor. for March 09: 2,307,093 AF

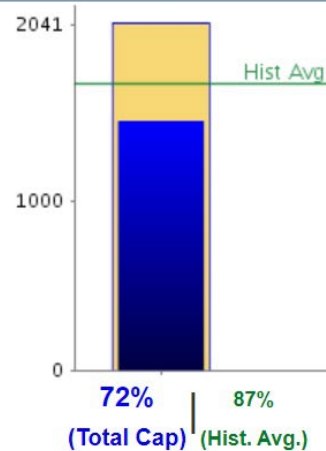
Change Date: 09-Mar-2024

[Printable Version of Current Data](#)

San Luis - Storage Conditions, March 09, 2024



Major Reservoirs Current Conditions Graphs



Data as of Midnight: March 09, 2024

- Storage: 1,471,122 AF
- Reservoir Elevation: 496.80 FT
- **72% of Total Capacity**
- **87% of Historical Avg. For This Date**
- Total Capacity: 2,041,000 AF
- Avg. Stor. for March 09: 1,686,067 AF

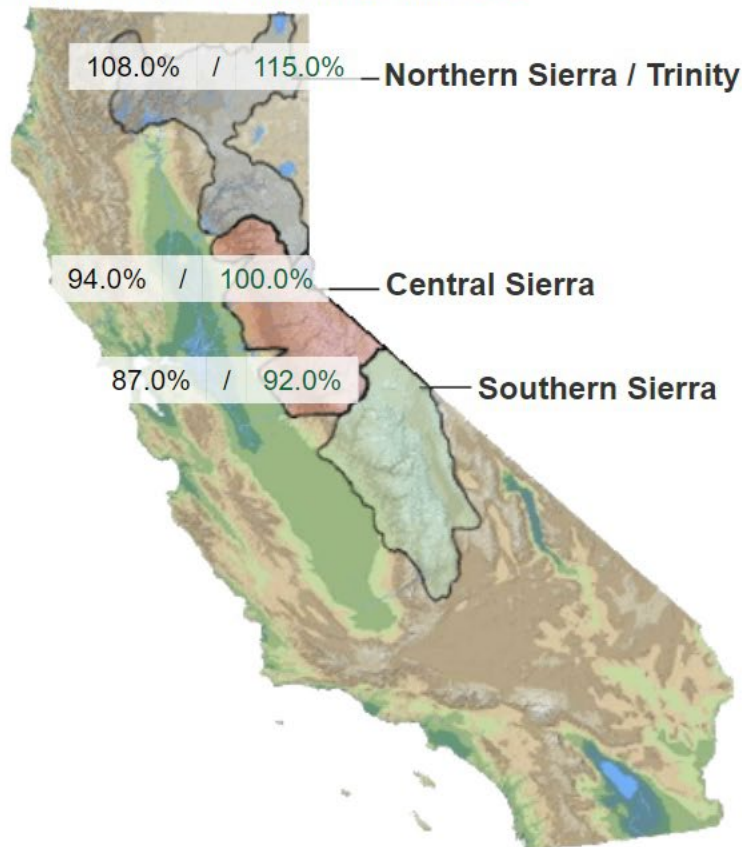
Change Date: 09-Mar-2024

[Printable Version of Current Data](#)

2024 Sierra Snowpack

Data For: **08-Mar-2024**

% Apr 1 Avg. / % Normal for this Date



NORTH

Data For: 08-Mar-2024

Number of Stations Reporting 25
Average snow water equivalent 30.9"
Percent of April 1 Average 108%
Percent of normal for this date 115%

CENTRAL

Data For: 08-Mar-2024

Number of Stations Reporting 48
Average snow water equivalent 25.7"
Percent of April 1 Average 94%
Percent of normal for this date 100%

SOUTH

Data For: 08-Mar-2024

Number of Stations Reporting 28
Average snow water equivalent 19.4"
Percent of April 1 Average 87%
Percent of normal for this date 92%

DWR Allocation Studies & Supply Planning

- 💧 Near Average Climate Year – January to March 2024
- 💧 Snowpack @ 104% Average Statewide for early March
- 💧 Sacramento & San Joaquin Valley Indices – Below Normal
- 💧 DWR Increases North of Delta Table A Allocation – 15 to 30%
- 💧 Delta Exports to San Luis Reservoir Capped by ITP & BiOps
- 💧 2023 Carryover + 2024 Table A + Permit Water + Article 21 > Annual Use
- 💧 No Dry Year Program Purchases or Advanced Table A Deliveries
- 💧 Forecasted 2024 SWP Deliveries – 11,000 AF (Table A, Permit, Article 21)

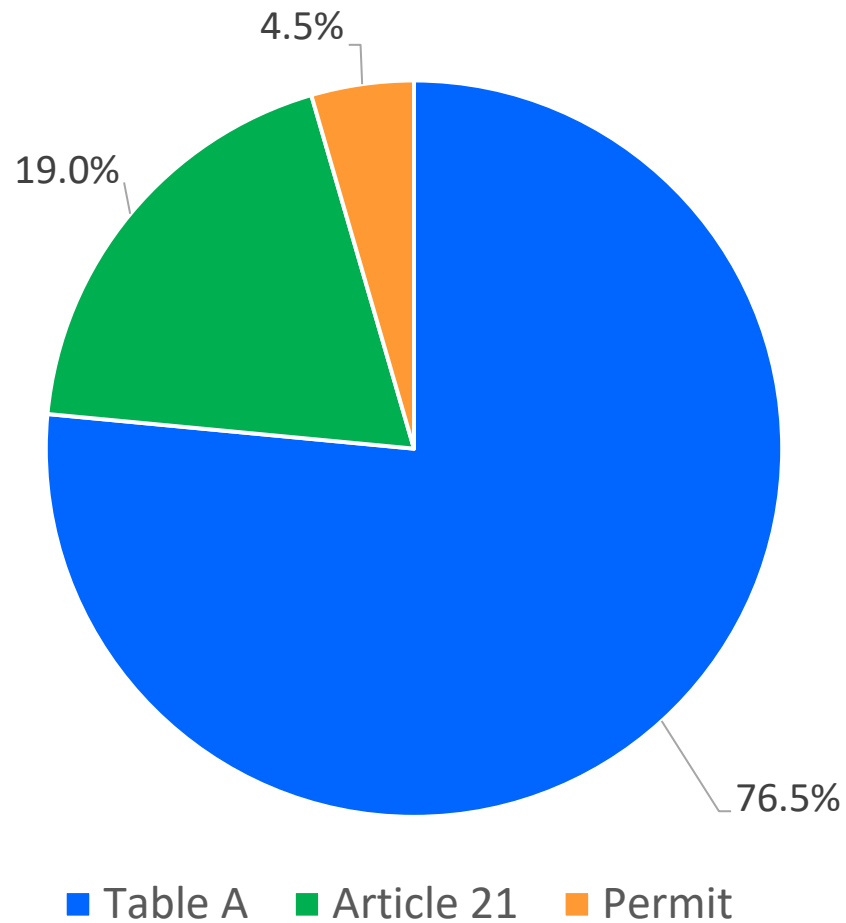


Lake Oroville Dam



Barker Slough PP

2024 Planned SWP Supply Classifications



Local Reservoir Conditions

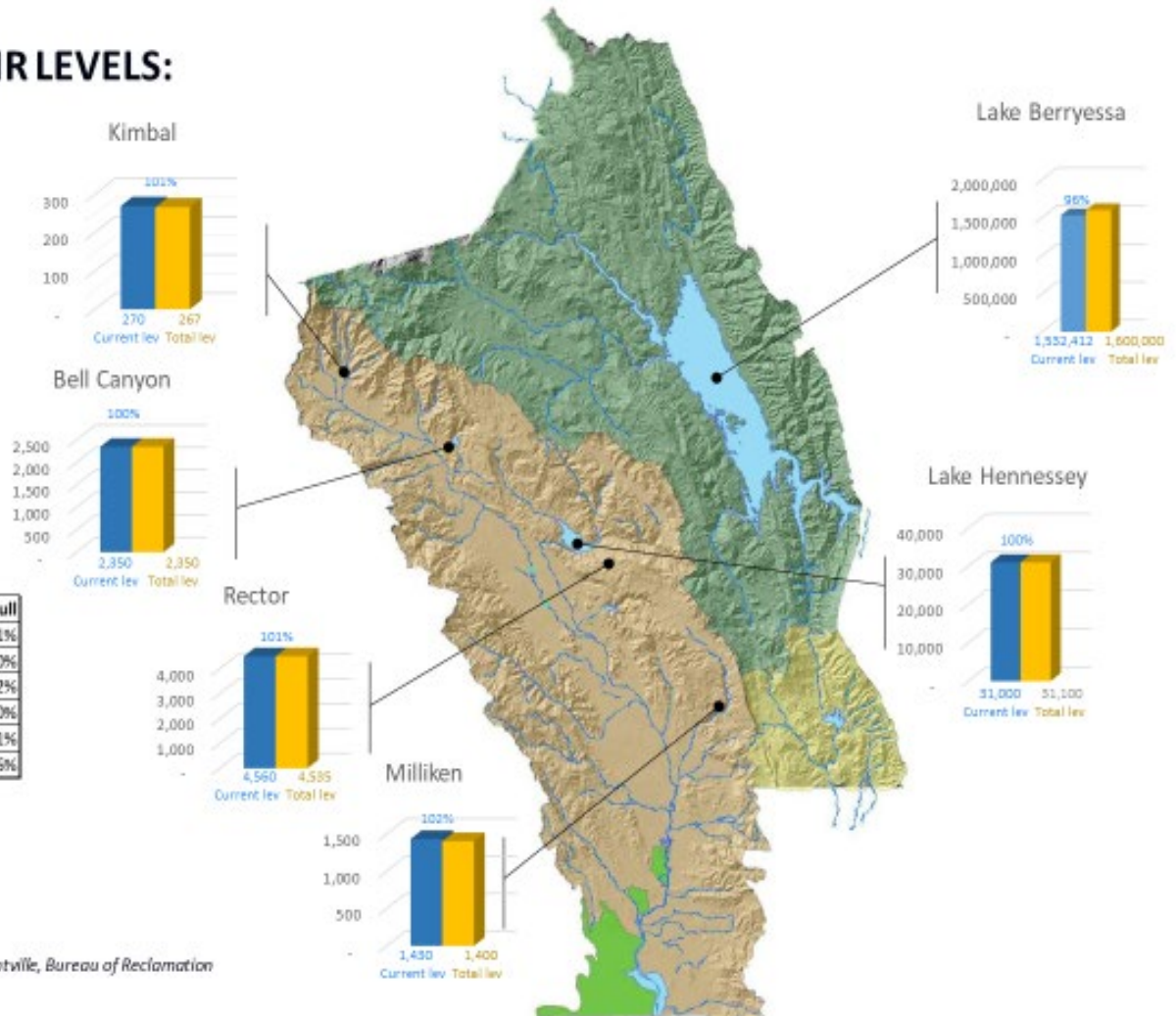
WATER SUPPLY RESERVOIR LEVELS: March 2024

Reservoir	Current Capacity	Total Capacity	Percent Full
Kimball	270	267	101%
Bell Canyon	2,350	2,350	100%
Milliken	1,430	1,400	102%
Lake Hennessey	31,000	31,000	100%
Rector	4,560	4,535	101%
Lake Berryessa	1,532,412	1,602,000	96%

Legend

Blue Bar: Storage level to date (acre feet)
Gold Bar: Total reservoir capacity (acre feet)

Data: City of Napa, City of Calistoga, City of St Helena, City of Yountville, Bureau of Reclamation



Questions / Comments

