

**RECLAMATION DISTRICT NO. 17
MOSSDALE TRACT
BOARD OF TRUSTEES MEETING
TUESDAY, JANUARY 13, 2026
2:00 P.M.
ENGINEER'S REPORT**

I. EARLY IMPLEMENTATION PROGRAM – LEVEE SEEPAGE REPAIR PROJECT

- A. EIP Project Funding Agreement extended 12/31/2027
- B. Right of Way transfers in progress – District Counsel taking lead on agreements:
 - a. Oakwood Lake Waer District (OLWD)
 - b. Joint Use Agreement (JUA) for San Joaquin County (Howard Road Parcel)
 - c. JUA for San Joaquin County (Mossdale Crossing Regional Park)
 - d. JUA for Caltrans (Highway 120)
 - e. JUA with UPRR (north of Mossdale Crossing Regional Park)
- C. Habitat Mitigation Area
 - a. Replanting Plan Bid document preparation underway

II. DISTRICT PLAN REVIEW

- A. Manteca Zone 36/Zone 39 Storm Drain Project
 - a. City of Manteca working with CVFPB on plan updates in response to RD17 comments
- B. Golden Valley Parkway Bridge
 - a. City of Lathrop completed Geotechnical explorations in November
- C. River Islands Parkway Bridge
 - a. City of Lathrop working on CVFPB Permit/408 Permission for bridge widening construction

III. DISTRICT MAINTENANCE

- A. Routine maintenance activities transitioning to District Superintendent Solari
 - a. Resident Relations – Respond to levee resident issues
 - b. Urban Levee Drainage Management
 - c. Habitat Site Irrigation and Maintenance
 - d. Security

- i. Gate Repairs and Lock Replacements
- ii. ECO Blocks
- iii. Homeless Abatement and Clean up
- e. Incidental Trash/Debris pickup
- f. Minor Encroachment Removals (stairs/signs/etc.)
- g. Minor Erosion Repairs
- h. Minor AB Road Repairs
- i. Minor Vegetation Control
- j. Rodent Control Management (AG Wildlife)
- k. I-5 Tunnel Clean Up

IV. CALIFORNIA DATE EXCHANGE CENTER (CDEC)

- A. Review the California Date Exchange Center (CDEC) River Stage Forecast and reservoir levels in the nearby San Joaquin Basin.

EXHIBIT A: Delta Hydrology Conditions San Joaquin River Flow in cfs at Vernalis for December 2025.

EXHIBIT B: CDEC San Joaquin River near Mossdale Stage Guidance plot dated January 7, 2026.

EXHIBIT C CDEC Daily Reservoir Storage Summary compared to historical averages, and Top of Conservation limits. January 7, 2026.

EXHIBIT D: CDEC Camanche Reservoirs Conditions January 7, 2026.

EXHIBIT E: CDEC New Melones Reservoir Conditions dated January 7, 2026.

EXHIBIT F: CDEC New Don Pedro Reservoirs Conditions dated January 7, 2026.

EXHIBIT G: CDEC New Hogan Reservoirs Conditions dated January 7, 2026.

EXHIBIT H: CDEC Folsom Reservoir Conditions dated January 7, 2026.

EXHIBIT I: CDEC Lake Shasta Conditions dated January 7, 2026.

EXHIBIT J: CDEC Lake Oroville Conditions dated January 7, 2026.

EXHIBIT A

Delta Hydrology Conditions

Date (30 days)	Sacramento at Freeport +SRWTP cfs	Yolo Bypass Rumsey +FRE cfs +FWB cfs	East Side Streams cfs	San Joaquin at Vernalis cfs	Rainfall @ Stockton inches	Clifton Court Forebay cfs	Tracy Pumping Plant cfs	Contra Costa CCWD cfs	Barker Slough BKS cfs	Byron Bethany cfs
12/09/2025	10,674	21	366	1,228	0.00	1,971	972	76	40	3
12/10/2025	10,603	22	376	1,250	0.00	1,997	954	75	38	6
12/11/2025	10,405	23	364	1,235	0.00	1,981	965	84	41	3
12/12/2025	10,145	22	367	1,161	0.00	1,992	965	81	43	6
12/13/2025	9,934	21	395	1,133	0.00	1,994	967	80	32	6
12/14/2025	10,057	21	401	1,125	0.00	1,998	969	79	25	4
12/15/2025	10,414	21	371	1,121	0.00	1,996	922	89	37	2
12/16/2025	10,702	22	350	1,096	0.00	1,599	969	95	44	6
12/17/2025	11,016	23	363	1,071	0.00	1,587	970	100	41	6
12/18/2025	11,889	24	376	1,092	0.00	1,999	972	103	36	6
12/19/2025	13,446	25	462	1,747	0.00	2,990	983	111	32	6
12/20/2025	18,248	40	527	3,558	0.00	5,485	2,659	111	18	3
12/21/2025	21,187	82	599	4,848	0.00	6,490	3,525	112	14	2
12/22/2025	33,367	1,203	993	5,822	0.20	5,491	3,531	113	23	6
12/23/2025	48,118	673	1,475	6,068	0.00	7,494	4,146	107	30	5
12/24/2025	52,369	747	2,495	5,780	0.84	3,693	4,070	105	22	6
12/25/2025	57,327	1,648	4,684	5,256	1.24	1,891	4,082	104	14	5
12/26/2025	65,475	11,035	3,498	4,453	0.00	4,094	3,545	89	22	6
12/27/2025	69,829	38,750	2,823	4,074	0.00	3,681	3,517	94	21	2
12/28/2025	69,795	40,976	2,211	3,487	0.00	3,589	3,527	94	21	7
12/29/2025	68,763	31,004	1,910	2,587	0.00	1,992	3,525	94	23	3
12/30/2025	65,011	11,407	1,744	2,152	0.00	1,799	3,536	95	20	6
12/31/2025	61,410	327	1,899	1,934	0.40	1,694	3,551	94	20	4
01/01/2026	57,038	260	2,449	1,874	0.56	1,691	3,573	94	19	4
01/02/2026	53,989	361	3,459	1,928	0.00	1,691	3,537	95	18	6
01/03/2026	56,053	1,337	4,733	2,495	0.28	1,597	2,717	94	18	4
01/04/2026	67,199	14,642	8,060	2,583	1.28	3,597	2,691	94	19	1
01/05/2026	75,312	51,174	6,929	3,387	0.44	2,798	3,500	97	19	7
01/06/2026	75,855	62,029	4,884	5,083	0.00	3,299	3,514	93	17	6
01/07/2026	76,046	57,385	4,163	4,454	0.00	3,395	4,199	87	17	4

SRWTP: Sacramento Regional Water Treatment Plant effluent.

Yolo Bypass: combined measurements of Cache Creek at Rumsey, Freemont Weir, and Fremont Weir Big Notch Fish Passage Gate.

East Side Streams: combined stream flows of Cosumnes River at Michigan Bar, Mokelumne River at Woodbridge, miscellaneous streams estimated from Dry Creek at Galt (discontinued since Dec. 1997), and Calaveras River based on releases from New Hogan Dam.

Rainfall: incremental daily precipitation measured at Stockton Fire Station #4.

CCWD Pumping Plants: combined pumping at the Old River, Rock Slough and Middle River Plants.

Delta Hydrology Conditions

Date	Banks PP cfs	Delta GCD cfs	Rio Vista Flow cfs	QWEST cfs	JPF cfs	NDOI cfs	E/I Ratio 3 day	E/I Ratio 14 day	Delta Status
12/09/2025	1,947	2,150	7,896	-627	NR	7,080	24.1%	21.8%	b
12/10/2025	1,937	2,200	7,844	-575	NR	7,081	24.1%	22.3%	b
12/11/2025	2,628	2,200	7,770	-592	NR	6,983	24.0%	22.6%	b
12/12/2025	1,499	2,200	7,599	-651	NR	6,751	24.2%	22.9%	b
12/13/2025	1,934	2,200	7,373	-760	NR	6,427	24.6%	23.3%	b
12/14/2025	2,634	2,200	7,189	-794	-719	6,216	25.2%	23.7%	b
12/15/2025	1,420	2,200	7,295	-743	-656	6,361	25.4%	23.9%	b
12/16/2025	1,691	2,200	7,605	-381	-292	7,026	24.1%	23.0%	b
12/17/2025	1,884	2,200	7,856	-382	-288	7,278	22.5%	22.0%	b
12/18/2025	1,755	2,150	8,129	-769	-672	7,170	22.1%	22.2%	b
12/19/2025	3,472	2,150	8,901	-1,598	-1,492	7,121	24.9%	203.7%	b
12/20/2025	5,060	2,150	10,252	-4,824	-4,716	5,259	36.3%	40.5%	b
12/21/2025	6,499	2,100	14,430	-4,182	-4,071	10,084	43.0%	56.2%	i
12/22/2025	5,562	2,100	17,034	-1,400	-1,293	15,464	42.0%	63.9%	i
12/23/2025	6,872	2,050	29,035	-284	-182	28,653	33.9%	62.9%	i
12/24/2025	3,677	2,050	41,308	6,318	6,418	47,540	22.8%	48.8%	o
12/25/2025	2,406	2,000	46,409	12,522	12,621	59,189	15.9%	36.9%	o
12/26/2025	4,251	2,000	53,604	17,828	17,910	72,180	11.4%	26.4%	o
12/27/2025	3,485	1,950	70,055	17,352	17,445	88,157	9.7%	21.6%	o
12/28/2025	3,464	1,950	101,240	16,256	16,344	118,169	8.2%	18.5%	o
12/29/2025	2,043	1,900	103,436	16,648	16,740	120,756	6.3%	14.0%	o
12/30/2025	1,967	1,850	91,241	12,410	12,499	103,993	5.3%	11.1%	o
12/31/2025	1,734	1,800	66,425	6,833	6,924	73,109	5.3%	9.2%	o
01/01/2026	1,515	1,700	52,875	7,788	7,879	60,678	6.3%	8.5%	o
01/02/2026	1,697	1,650	49,941	9,876	9,965	60,088	7.6%	8.0%	o
01/03/2026	1,919	1,600	47,412	11,479	11,570	59,163	7.9%	7.2%	o
01/04/2026	3,477	1,550	50,639	12,690	12,782	63,710	8.5%	7.3%	o
01/05/2026	2,834	1,500	75,666	22,359	22,449	98,918	7.8%	7.3%	o
01/06/2026	3,456	1,450	119,310	22,780	22,868	142,999	6.6%	7.7%	o
01/07/2026	3,033	1,400	129,755	19,683	19,766	150,123	5.5%	7.7%	o

Delta Gross Channel Depletions from Dayflow Table 3.

Rio Vista Flow calculated from Dayflow equation.

QWEST calculated from Dayflow equation.

JPF calculated from Action 5 equation.

Net Delta Outflow Index calculated from equation as specified in D-1641, revised March 2000.

E/I Ratio : Export to Import Ratio

Coordinated Operation Agreement Delta Status:

c = Excess Delta cond.

b = Balanced Delta cond.

i = Excess Delta cond. w/ restrictions for Delta Inflow

j = Excess Delta cond. w/ restrictions for San Joaquin River Flow

m = Excess Delta cond. w/ restrictions for Sacramento River Flow

o = Excess Delta cond. w/ restrictions for Old and Middle River Flow

r = Excess Delta cond. w/ restrictions

EXHIBIT B

SAN JOAQUIN RIVER AT MOSSDALE BRIDGE (MSD)

Elevation: 51' - SAN JOAQUIN RIVER basin - Operator: CA Dept of Water Resources/Div of Integrated Science and Eng

Datum 8 - 8.88'

River Stage Definitions:

Action Monitor 19.5' Minor Flood 23.5' Moderate Flood 32.1' Major Flood 33.1'

Peak Stage of Record 12.8' on NAVD 88

Warning: Levels identified as "guidance" have significant uncertainty

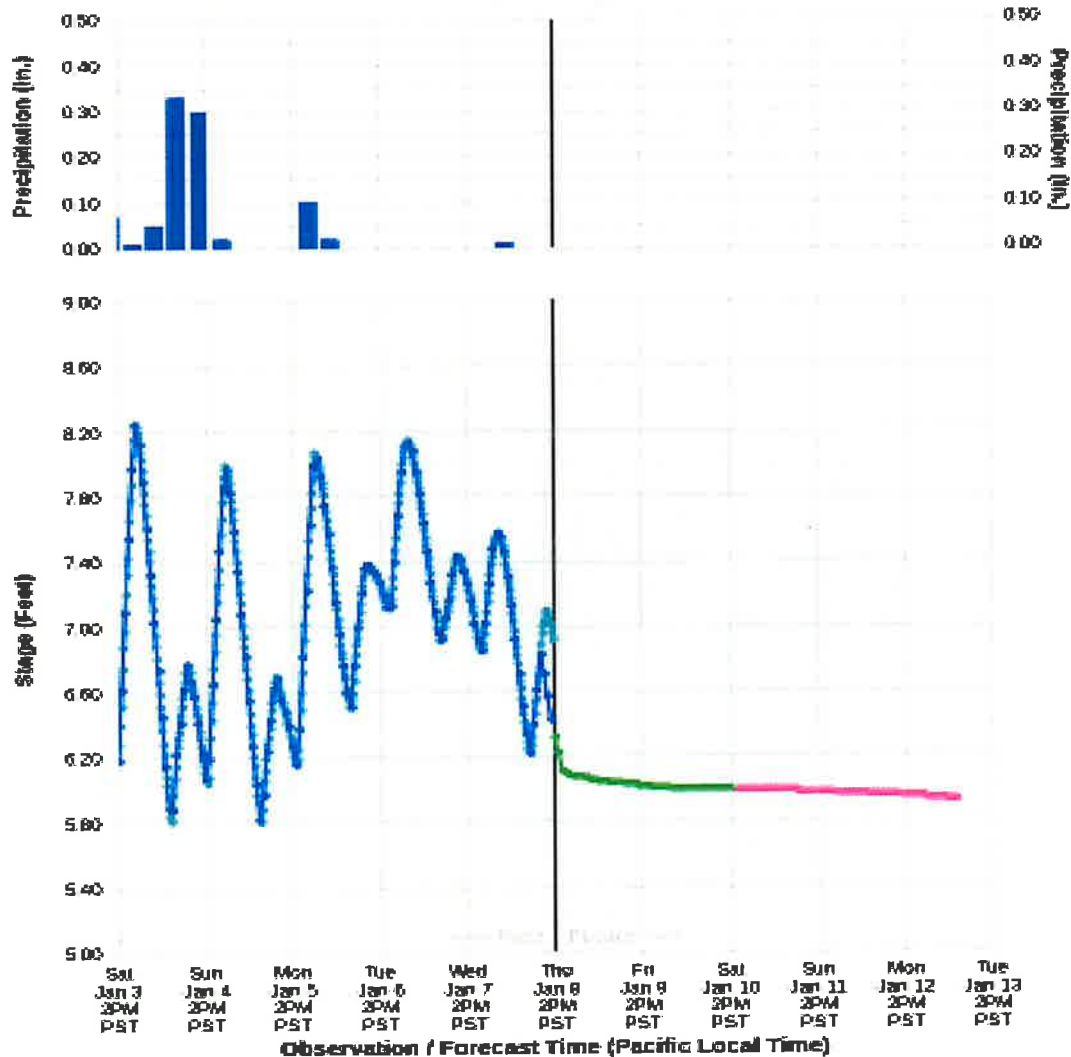
due to future weather and/or reservoir regulation and are provided for planning purposes or

Be sure to reload this page for up-to-date information. [[<< Previous](#)] Forecast Point [[Next >>](#)]

San Joaquin River System river forecast bulletin.

San Joaquin River - Mossdale (MOSC1) River Forecast Plot

Forecast Posted: 01/08/2026 at 1:57 PM PST • Graphic Created: 01/08/2026 at 2:06 PM PST



Observed (Simulated)
Observed (Raw Gauge)

Forecast

Guidance

California Department of Water Resources
NOAA / NWS | California-Nevada River Forecast Center

[Show MSD Map](#) | [24 Hours MSD Data](#) | [Plot all MSD Sensors](#) | [Daily MSD Data](#) | [MSD Info](#)

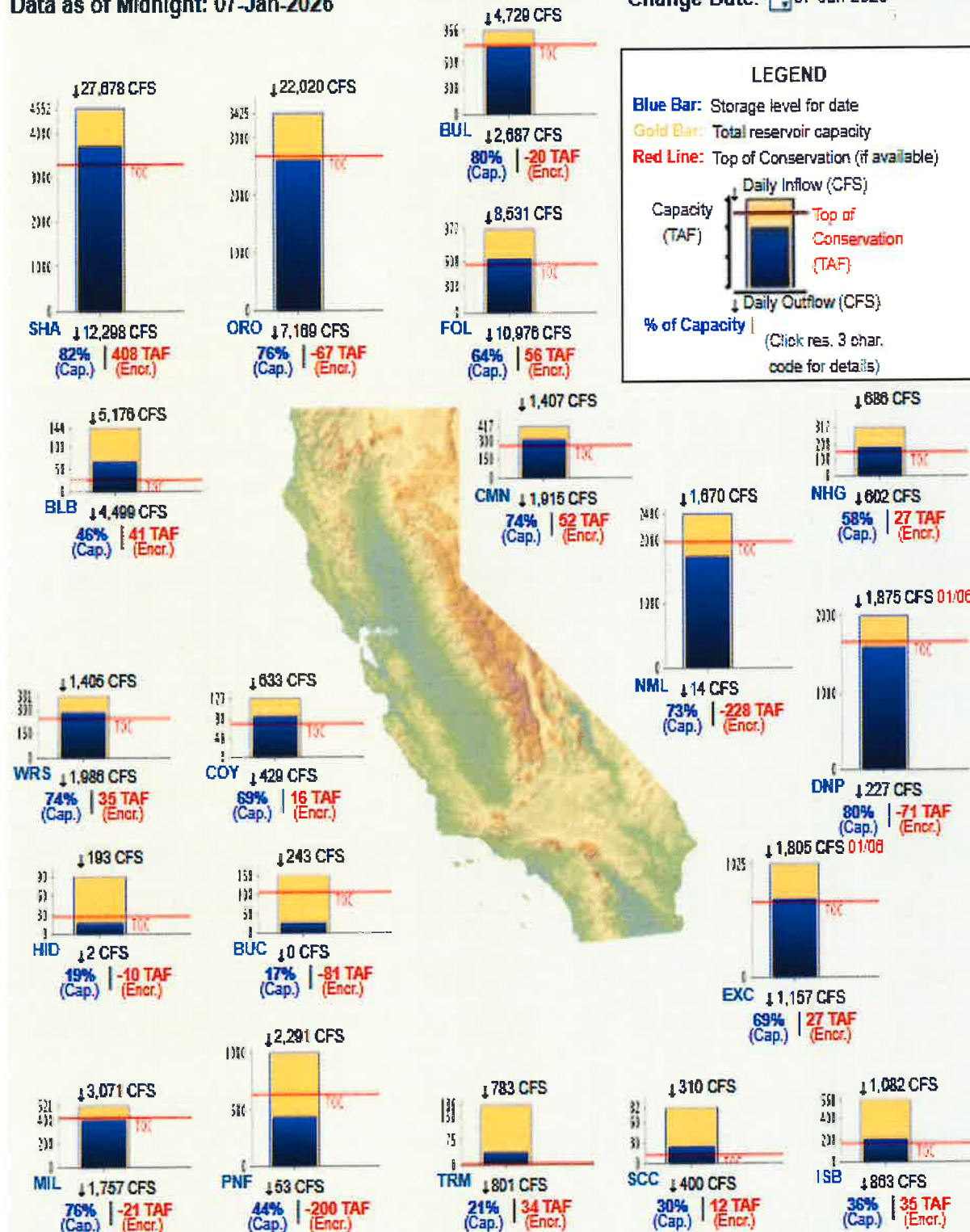
EXHIBIT C

TOP OF CONSERVATION CONDITIONS:

CENTRAL VALLEY AND RUSSIAN RIVER FLOOD CONTROL RESERVOIRS: 07-JAN-2026

Data as of Midnight: 07-Jan-2026

Change Date: 07-Jan-2026

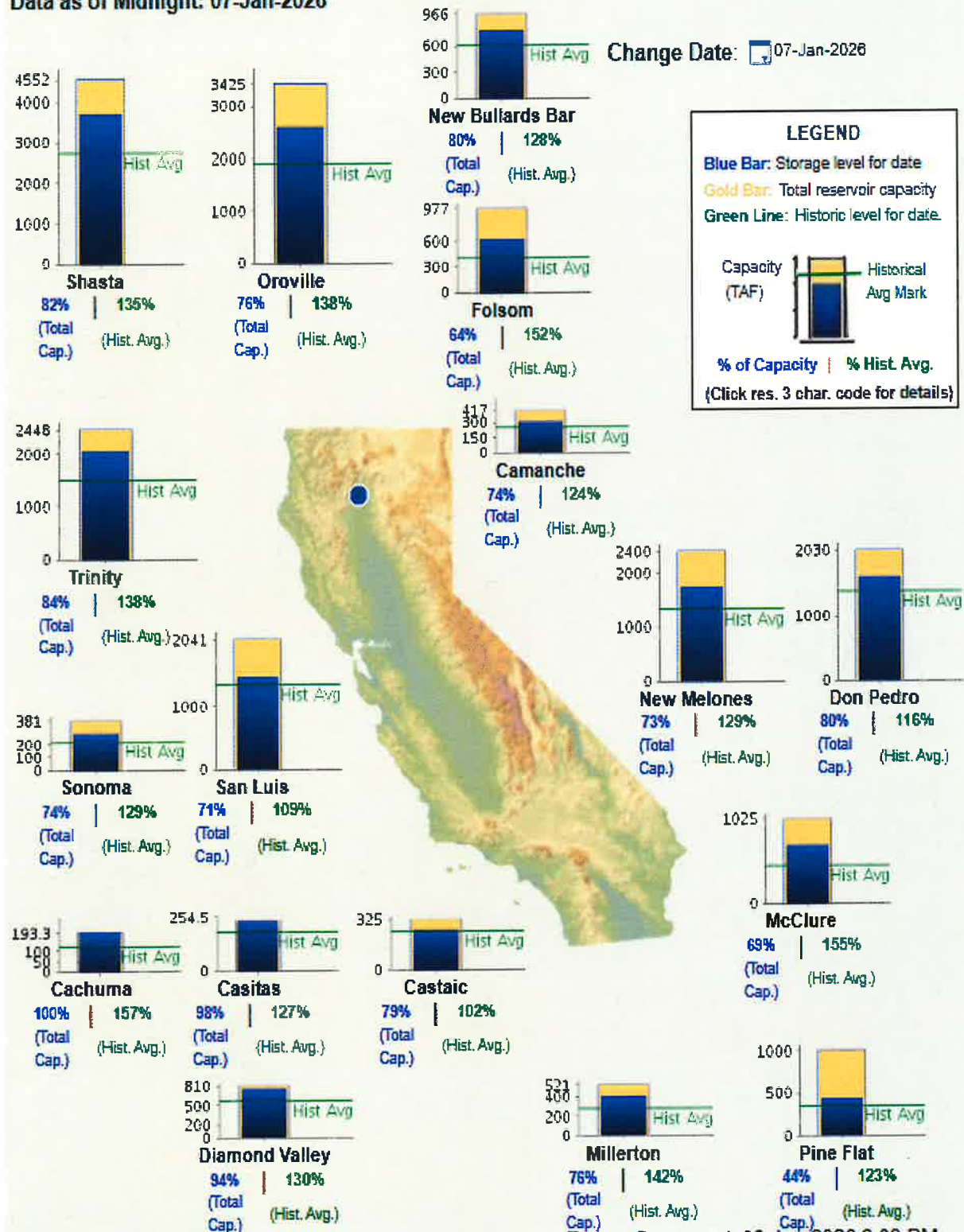


[Click to download printable version of current data.](#)

Report Generated: 08-Jan-2026 2:57 PM

CURRENT CONDITIONS: MAJOR WATER SUPPLY RESERVOIRS:07-JAN-2026

Data as of Midnight: 07-Jan-2026



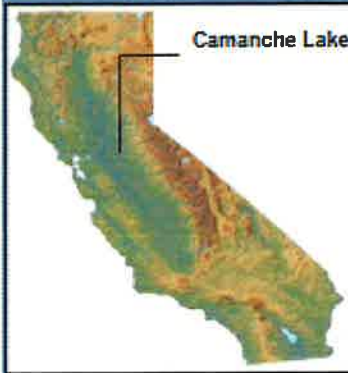
[Click to download printable version of current data.](#)

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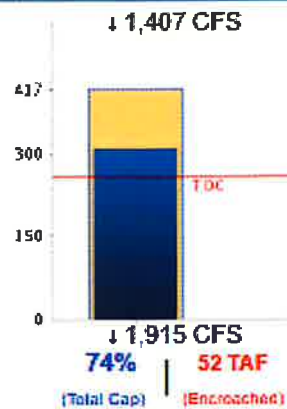
EXHIBIT D

Camanche - Top of Conservation Conditions, January 08, 2026



Camanche Lake

Major Reservoir TOC Current Conditions
Grazing



Data as of Midnight: January 07, 2026

- Storage: 308,940 AF
- Reservoir Elevation: No Data
- 74% of Total Capacity
- 52 TAF Encroached For This Date
- Total Capacity: 417,120 AF
- Avg. Stor. January 08: 248,512 AF
- TOC Stor. 256,449 AF
- Daily Inflow: 1,407 CFS
- Daily Outflow: 1,915 CFS

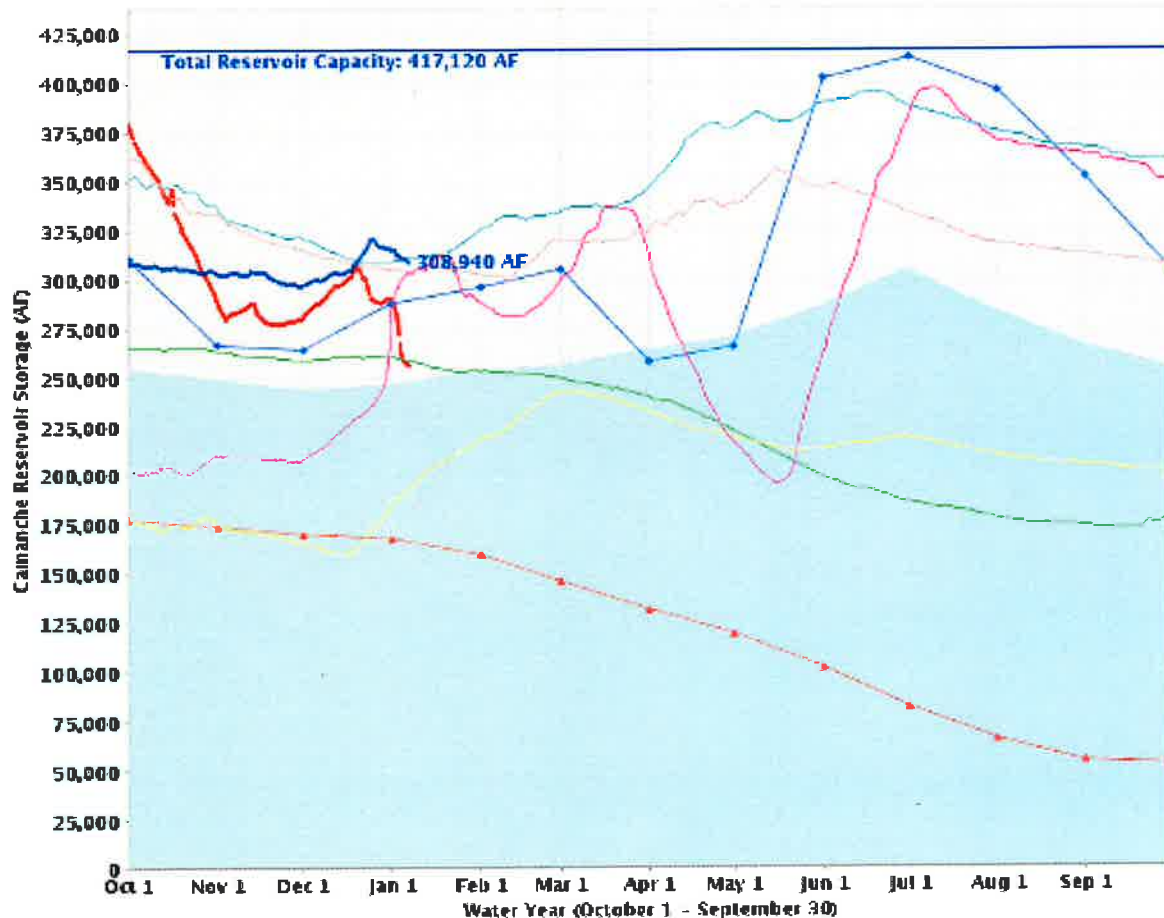
Change Date: ☐ 08-Jan-2026

Camanche Storage Level Graph: Choose water years to plot:

- 2020-2021
- 2021-2022
- 2022-2023
- 2023-2024
- 2024-2025
- 2025-2026(current)

(ctrl+click for multiple selections)

Camanche Reservoir Storage Levels



Historical Average — Total Reservoir Capacity — TOC — 1976-1977 (dry) — 1982-1983 (wet) — 2020-2021
2021-2022 — 2022-2023 — 2023-2024 — 2024-2025 — 2025-2026(current)

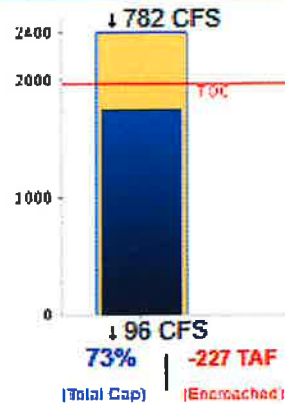
EXHIBIT E

New Melones - Top of Conservation Conditions, January 08, 2026



New Melones Lake

Major Reservoir TOC Current Conditions Graphs



Data as of Midnight: January 08, 2026

- Storage: 1,742,540 AF
- Reservoir Elevation: 1,028.03 FT
- 73% of Total Capacity
- -227 TAF Encroached For This Date
- Total Capacity: 2,400,000 AF
- Avg. Stor. January 08: 1,347,025 AF
- TOC Stor. 1,970,000 AF
- Daily Inflow: 782 CFS
- Daily Outflow: 96 CFS

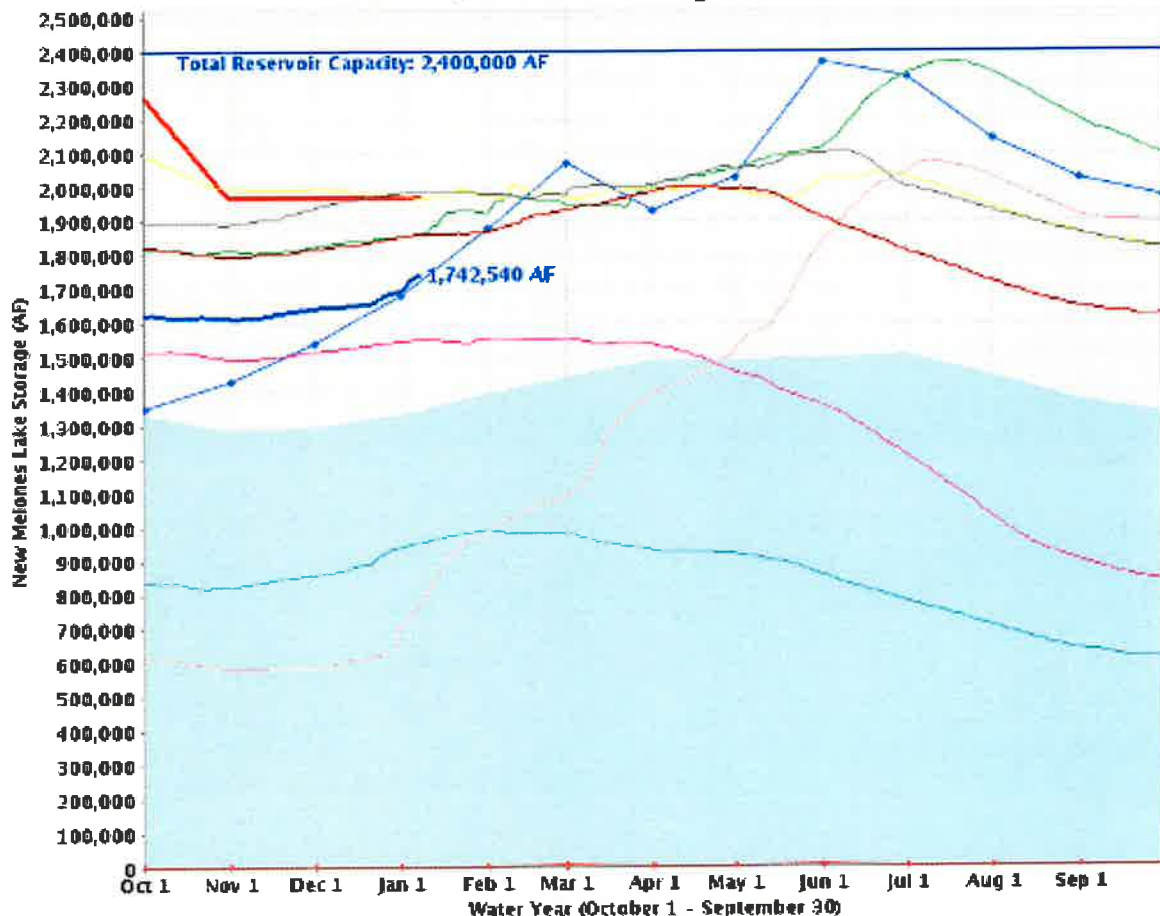
Change Date: 08-Jan-2026

New Melones Storage Level Graph: Choose water years to plot:

- 2020-2021
- 2021-2022
- 2022-2023
- 2023-2024
- 2024-2025
- 2025-2026(current)

(ctrl+click for multiple selections)

New Melones Lake Storage Levels



Historical Average — Total Reservoir Capacity — TOC — 1976-1977 (dry) — 1982-1983 (wet) — 1997-1998
 1998-1999 — 2020-2021 — 2021-2022 — 2022-2023 — 2023-2024 — 2024-2025 — 2025-2026(current)

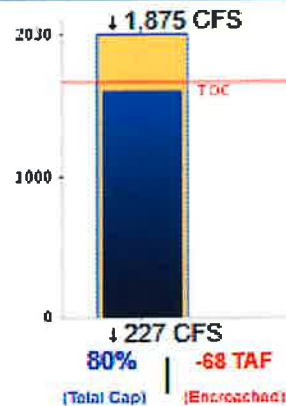
EXHIBIT F

Don Pedro - Top of Conservation Conditions, January 08, 2026



Don Pedro Reservoir

Major Reservoir TOC Current Conditions Graphs



Data as of Midnight: January 07, 2026

- Storage: 1,625,813 AF
- Reservoir Elevation: 796.09 FT
- 80% of Total Capacity
- -68 TAF Encroached For This Date
- Total Capacity: 2,030,000 AF
- Avg. Stor. January 08: 1,395,067 AF
- TOC Stor. 1,690,000 AF
- Daily Inflow: 1,875 CFS
- Daily Outflow: 227 CFS

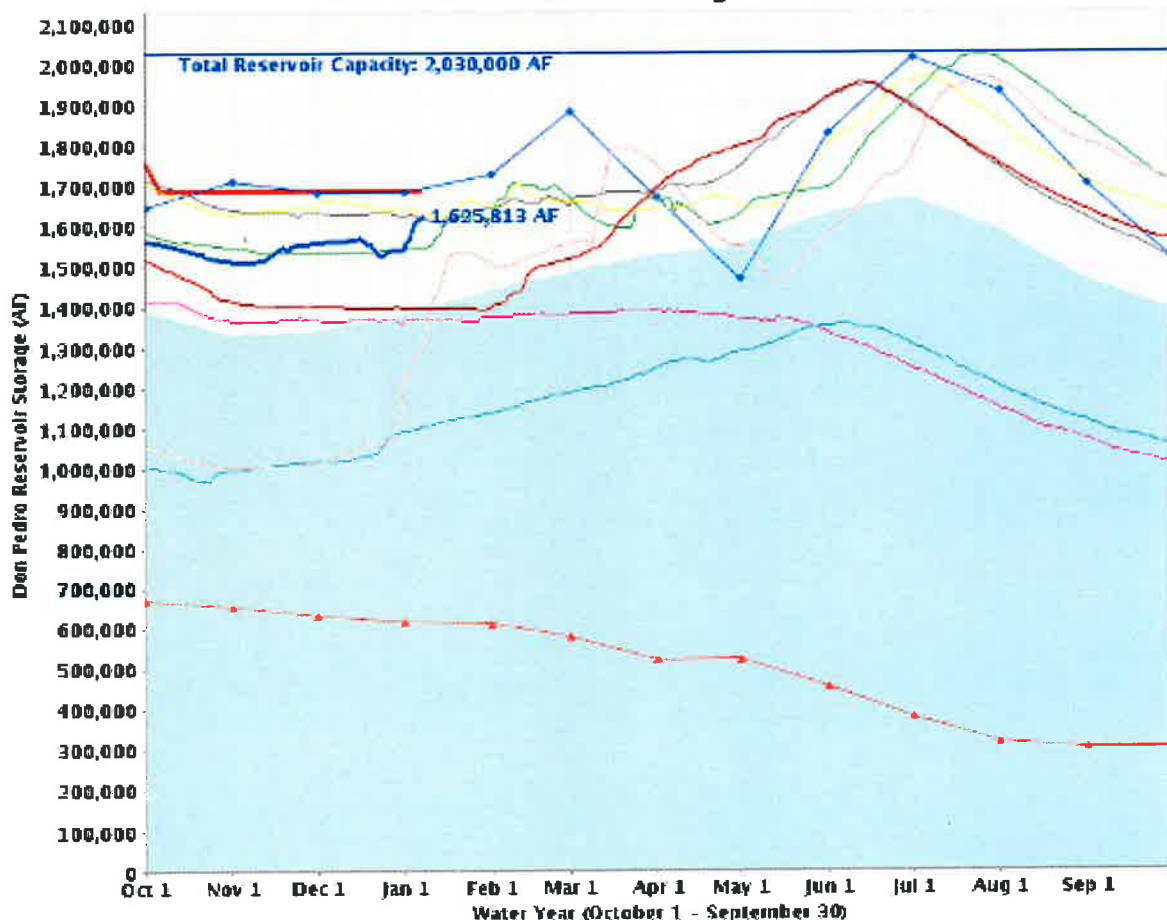
Change Date: 08-Jan-2026

Don Pedro Storage Level Graph: Choose water years to plot:

- 2020-2021
- 2021-2022
- 2022-2023
- 2023-2024
- 2024-2025
- 2025-2026(current)

(ctrl+click for multiple selections)

Don Pedro Reservoir Storage Levels



Historical Average — Total Reservoir Capacity — TOC — 1976-1977 (dry) — 1982-1983 (wet) — 1997-1998
 — 1998-1999 — 2020-2021 — 2021-2022 — 2022-2023 — 2023-2024 — 2024-2025 — 2025-2026(current)

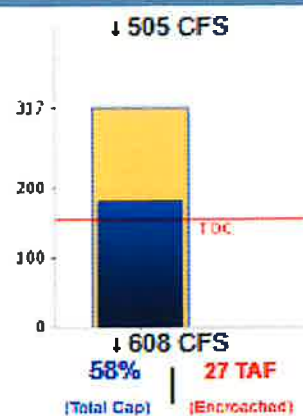
EXHIBIT G

New Hogan - Top of Conservation Conditions, January 08, 2026



New Hogan Lake

Major Reservoir TOC Current Conditions Graphs



Data as of Midnight: January 08, 2026

- Storage: 182,611 AF
- Reservoir Elevation: 676.45 FT
- 58% of Total Capacity
- 27 TAF Encroached For This Date
- Total Capacity: 317,000 AF
- Avg. Stor. January 08: 120,736 AF
- TOC Stor. 155,583 AF
- Daily Inflow: 505 CFS
- Daily Outflow: 608 CFS

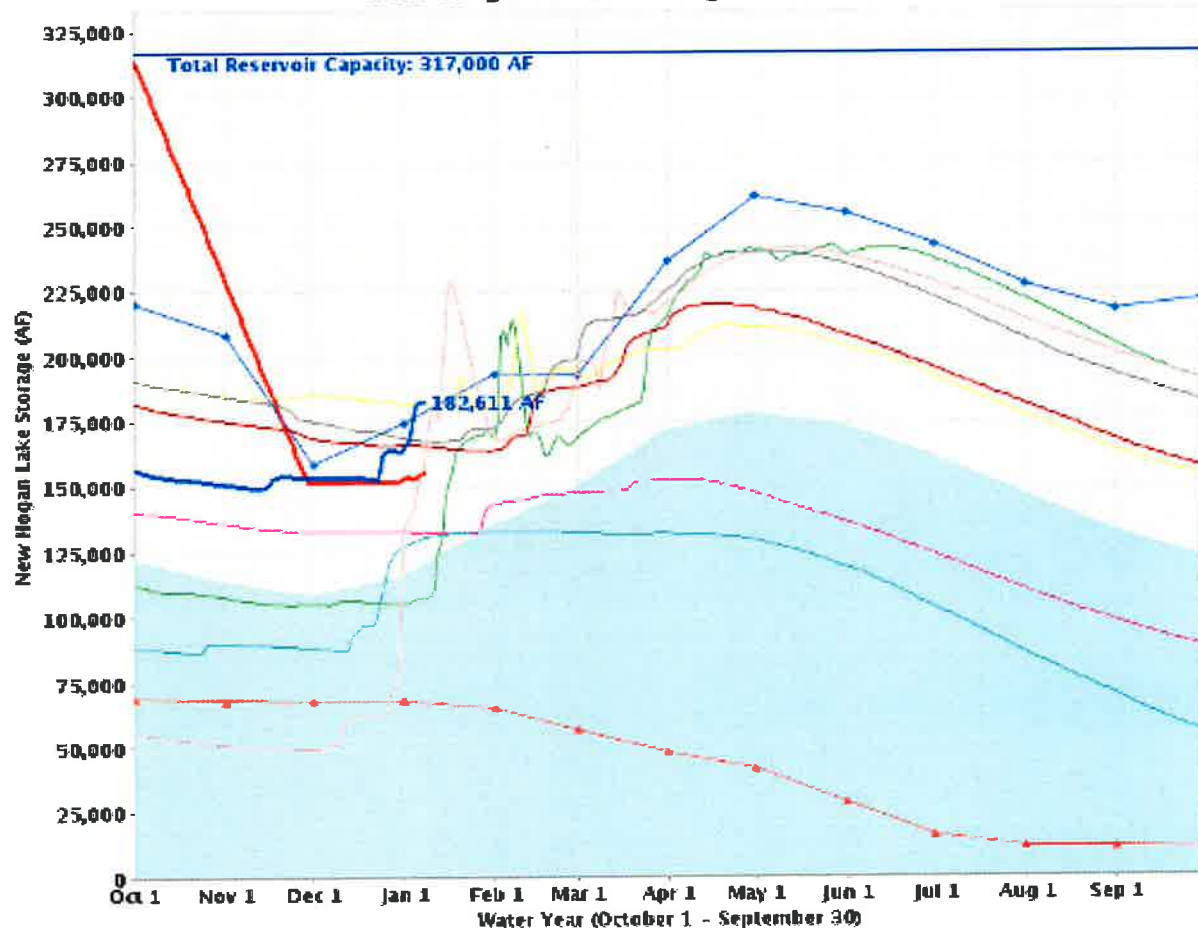
Change Date:

New Hogan Storage Level Graph: Choose water years to plot:

- 2020-2021
- 2021-2022
- 2022-2023
- 2023-2024
- 2024-2025
- 2025-2026(current)

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New Hogan Lake Storage Levels



Historical Average — Total Reservoir Capacity — TOC — 1976-1977 (dry) — 1982-1983 (wet) — 1997-1998
 1998-1999 — 2020-2021 — 2021-2022 — 2022-2023 — 2023-2024 — 2024-2025 — 2025-2026(current)

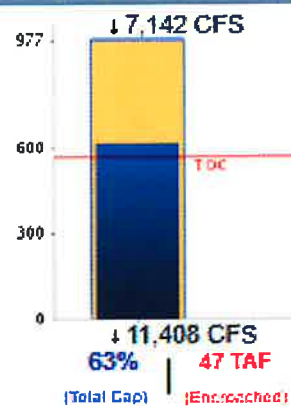
EXHIBIT H

Folsom - Top of Conservation Conditions, January 08, 2026



Folsom Lake

Major Reservoir TOC Current Conditions Graphs



Data as of Midnight: January 08, 2026

- Storage: 814,726 AF
- Reservoir Elevation: 430.12 FT
- 63% of Total Capacity
- 47 TAF Encroached For This Date
- Total Capacity: 977,000 AF
- Avg. Stor. January 08: 412,029 AF
- TOC Stor. 566,823 AF
- Daily Inflow: 7,142 CFS
- Daily Outflow: 11,408 CFS

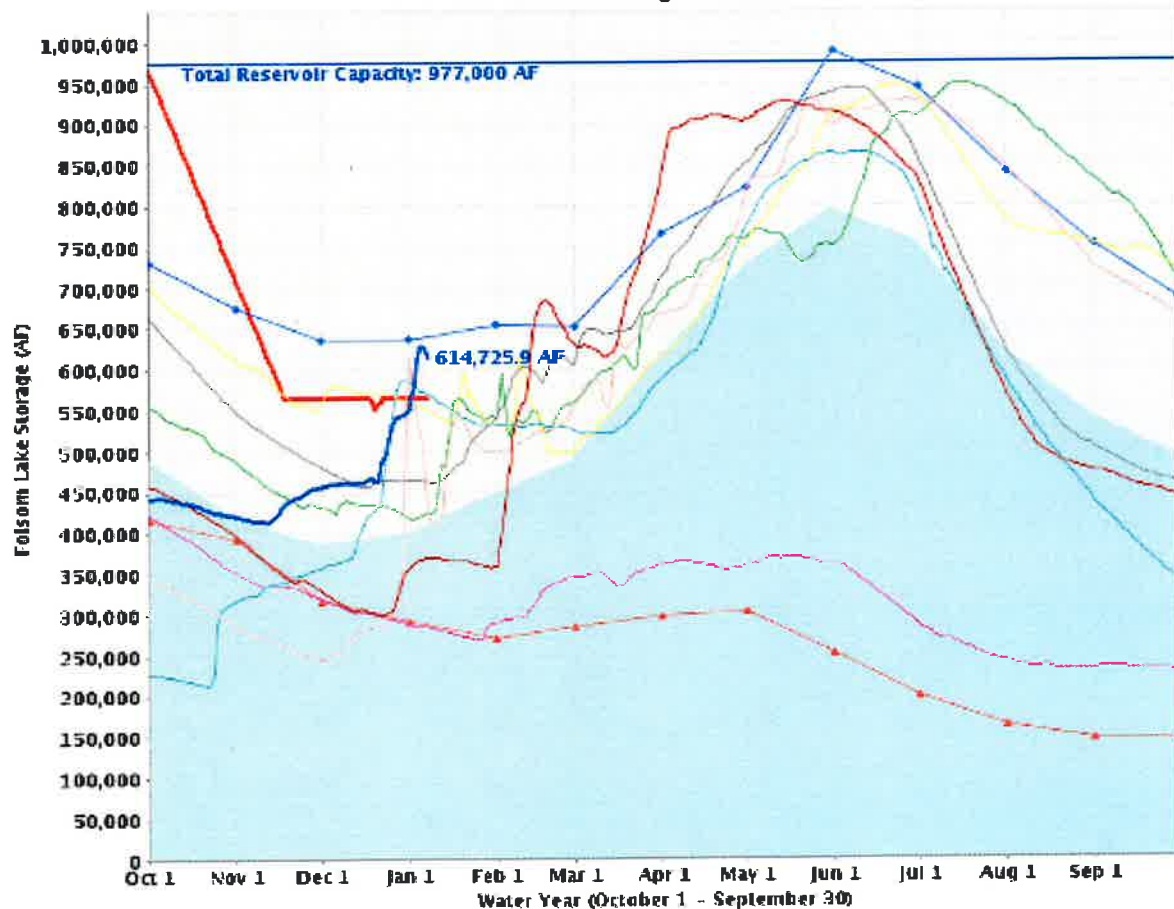
Change Date: 08-Jan-2026

Folsom Storage Level Graph: Choose water years to plot:



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Folsom Lake Storage Levels



Historical Average — Total Reservoir Capacity — TOC — 1976-1977 (dry) — 1982-1983 (wet) — 1997-1998
 1998-1999 — 2020-2021 — 2021-2022 — 2022-2023 — 2023-2024 — 2024-2025 — 2025-2026(current)

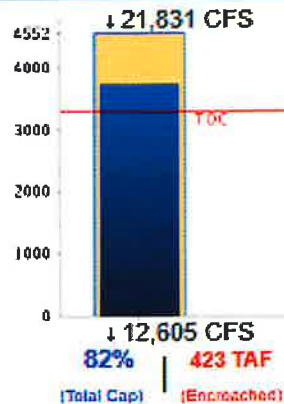
EXHIBIT I

Shasta - Top of Conservation Conditions, January 08, 2026



Lake Shasta

Major Reservoir TOC Current Conditions Graphs



Data as of Midnight: January 08, 2026

- Storage: 3,729,122 AF
- Reservoir Elevation: 1,037.60 FT
- 82% of Total Capacity
- 423 TAF Encroached For This Date
- Total Capacity: 4,552,000 AF
- Avg. Stor. January 08: 2,750,408 AF
- TOC Stor. 3,306,117 AF
- Daily Inflow: 21,831 CFS
- Daily Outflow: 12,605 CFS

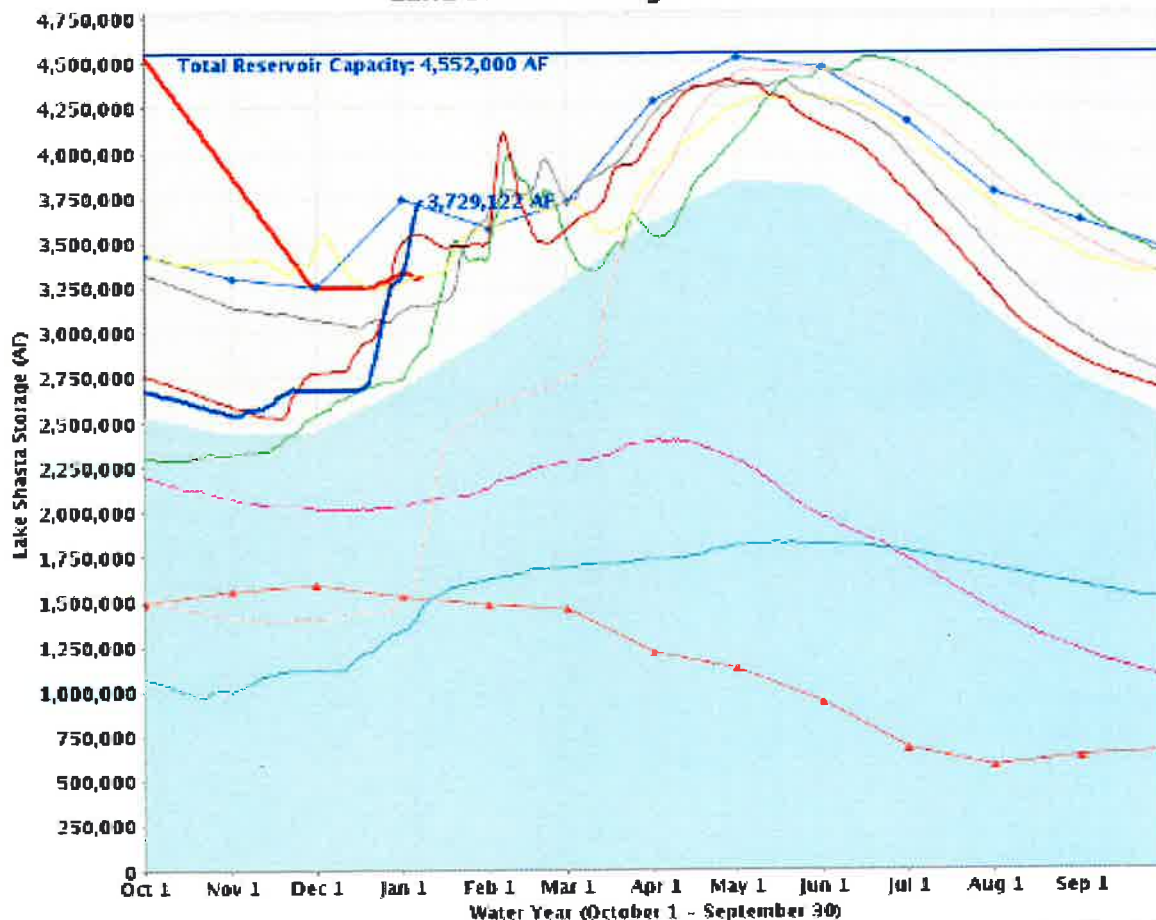
Change Date: 08-Jan-2026

Shasta Storage Level Graph: Choose water years to plot:

- 2020-2021
- 2021-2022
- 2022-2023
- 2023-2024
- 2024-2025
- 2025-2026(current)

(ctrl+click for multiple selections)

Lake Shasta Storage Levels



Historical Average — Total Reservoir Capacity — TOC — 1976-1977 (dry) — 1982-1983 (wet) — 1997-1998
 1998-1999 — 2020-2021 — 2021-2022 — 2022-2023 — 2023-2024 — 2024-2025 — 2025-2026(current)

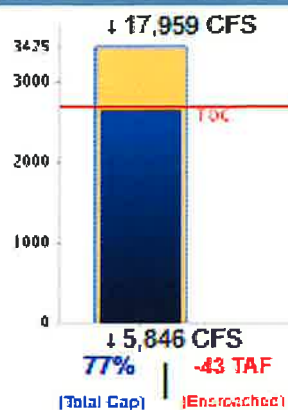
EXHIBIT J

Oroville - Top of Conservation Conditions, January 08, 2026



Lake Oroville

Major Reservoir TOC Current Conditions
Graphics



Data as of Midnight: January 08, 2026

- Storage: 2,631,896 AF
- Reservoir Elevation: 844.18 FT
- 77% of Total Capacity
- -43 TAF Encroached For This Date
- Total Capacity: 3,424,753 AF
- Avg. Stor. January 08: 1,903,094 AF
- TOC Stor. 2,875,000 AF
- Daily Inflow: 17,959 CFS
- Daily Outflow: 5,846 CFS

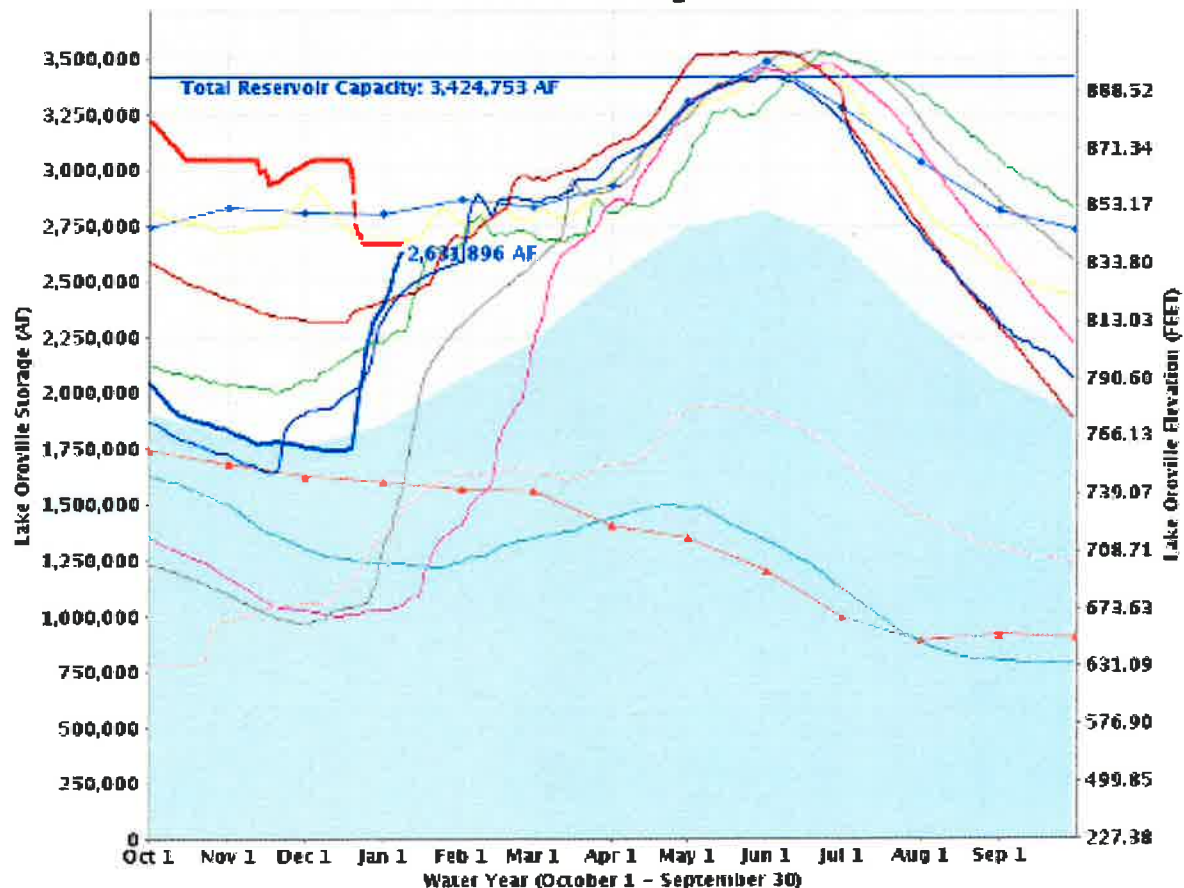
Change Date: 08-Jan-2026

Oroville Storage Level Graph: Choose water years to plot:

- 2020-2021
- 2021-2022
- 2022-2023
- 2023-2024
- 2024-2025
- 2025-2026(current)

(ctrl+click for multiple selections)

Lake Oroville Storage Levels



- Historical Average
- Total Reservoir Capacity
- TOC
- 1976-1977 (day)
- 1982-1983 (ave)
- 1997-1998
- 1998-1999
- 2018-2019
- 2020-2021
- 2021-2022
- 2022-2023
- 2023-2024
- 2024-2025
- 2025-2026(current)