BUREAU OF RECLAMATION

American River Group

1:30 PM – 3:30 PM
Conference Line: +1 (321) 209-6143; Access Code:596336817#
Webinar: Join Microsoft Teams Meeting

Thursday, September 17, 2026

Agenda

1. Introductions
2. Announcements
3. Operations Forecast
    a. SMUD
    b. PCWA
4. Central Valley Operations
5. Fisheries Update
    a. CDFW
    b. CFS
    c. FISHBIO
    d. PSMFC
6. SDM Alternatives Discussion
7. Next Meeting & Action Items:
    a. ARG SDM Ad Hoc Meeting – Thursday, September 24, 2:00-4:00 p.m.
    b. Regular Monthly ARG Meeting – Thursday, October 15, 1:30-3:30 p.m.

American River Group - SMUD Update

Data Current as of 09/16/2026

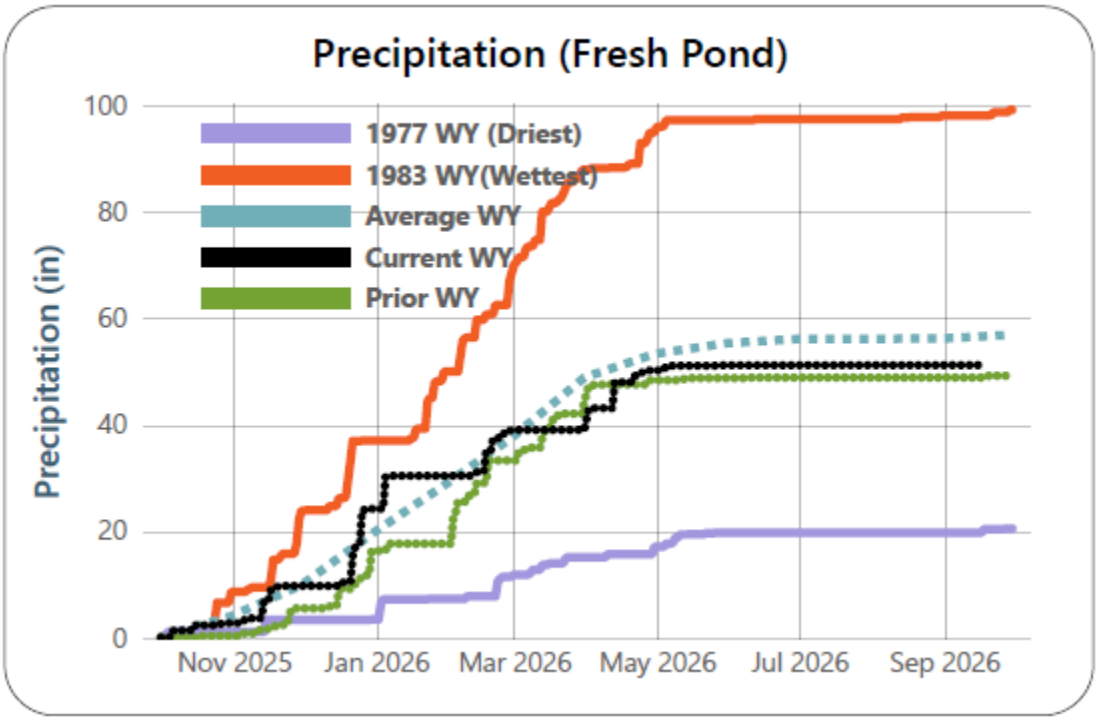


Figure 1. Fresh Pond Precipitation

Figure 1 is a line graph of fresh pond precipitation in inches for October 2025 – September 2026. It includes precipitation data from the driest water year (1977), 1983's water year snowpack, average, current, and prior water year. The current precipitation is 90.5% of the average to date and 90.0% of the water year average.

Table 1. Fresh Pond Precipitation

Month	Current Water Year	Historical Average	% of Historical Average
October	2.70	3.99	68%
November	7.00	5.87	119%
December	14.50	9.88	147%
January	6.20	9.16	68%
February	8.55	8.70	98%
March	0.08	11.28	1%
April	11.21	4.46	251%
May	0.97	2.02	48%
June	0.00	0.78	0%
July	0.01	0.04	25%

Month	Current Water Year	Historical Average	% of Historical Average
August	0.00	0.04	0%
September	0.01	0.72	1%
Total	51.23	56.94	90%

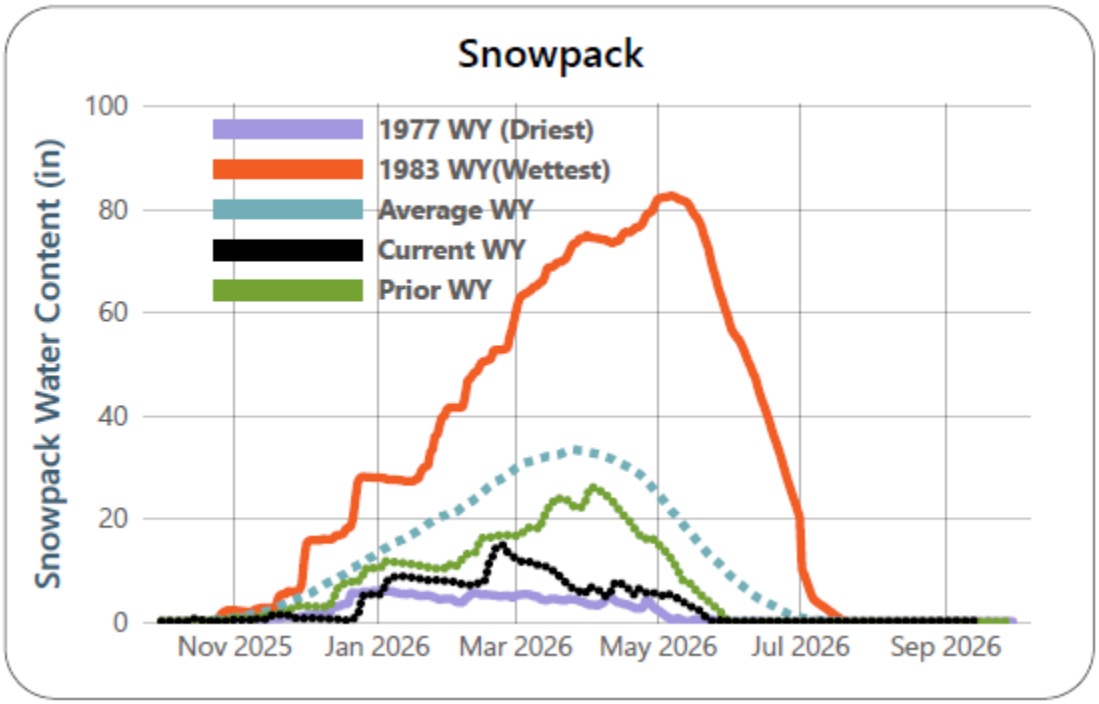


Figure 2. Snowpack

Figure 2 is a line graph of snowpack water content in inches for October 2025- September 2026. It includes data from the driest water year (2015), 1983's water year snowpack, average, current, and prior water year. Runoff into the storage reservoir basins is 0.0% of average to date and 0.5% of the April 1 average.

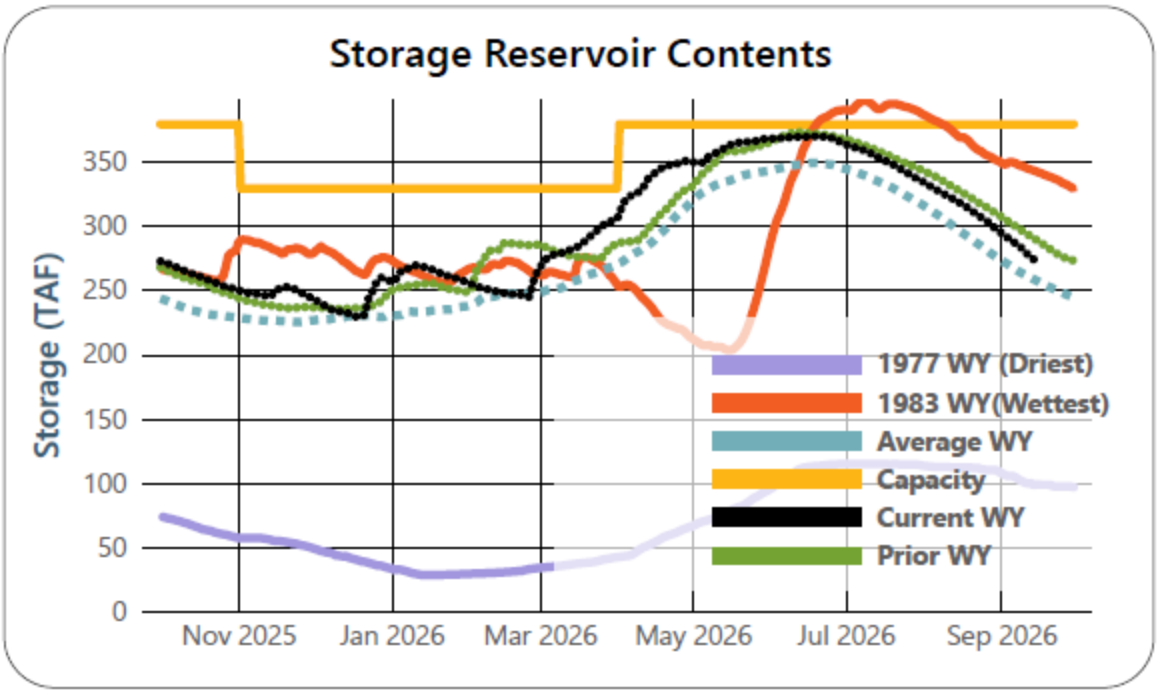


Figure 3. Storage Reservoir Contents

Figure 3 is a line graph of SMUD storage reservoir contents for October 2025 through September 2026. It includes data from the driest water year (1977), 1983's water year snowpack, average, current, and prior water year. The total capacity of the reservoir network is also shown.

Table 2. SMUD Storage Reservoirs

Reservoir	Capacity Acre-ft	Current Acre-ft	Current % Full	Prior Year Acre-Ft	Prior Year % Full	Hist. Avg Acre-ft	Hist. Avg % Full
Loon Lake Reservoir	69,310	46,773	67.5%	49,767	72%	44,813	65%
Ice House Reservoir	43,500	32,316	74.3%	33,215	76%	30,131	69%
Union Valley Reservoir	266,370	191,146	71.8%	205,640	77%	181,835	68%
Total Reservoir Storage	379,180	270,234	71.3%	288,622	76%	256,779	68%

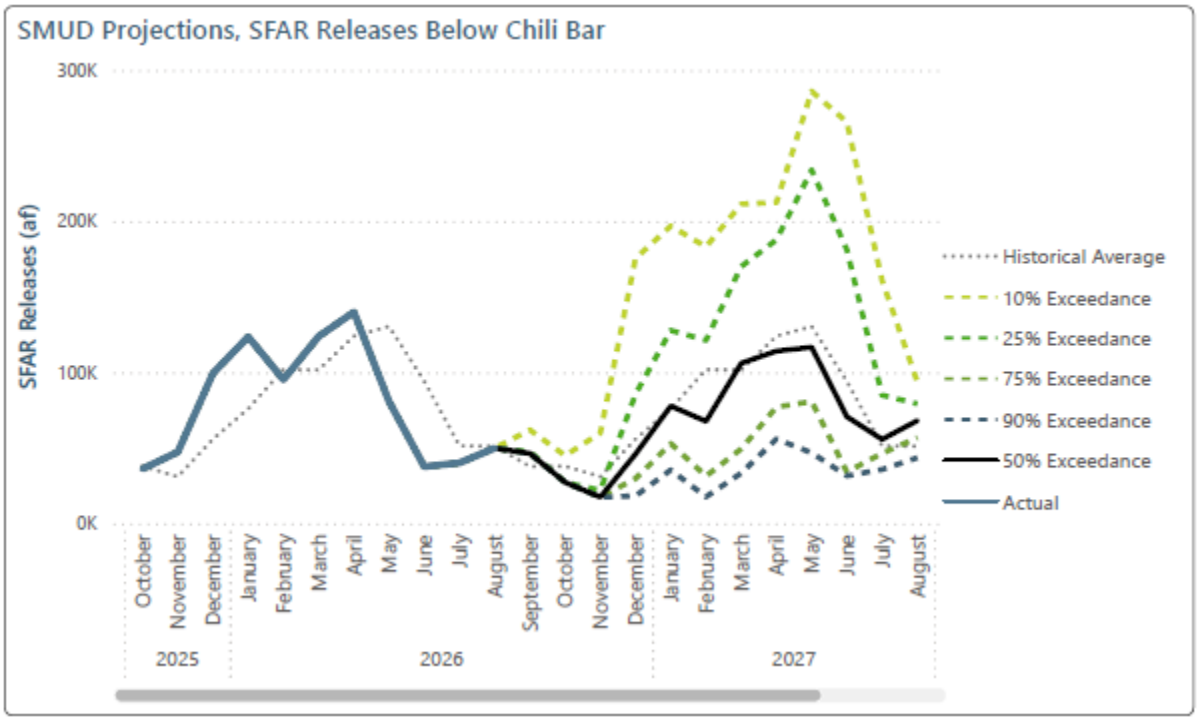


Figure 4. Chili Bar releases into the South Fork American River. Projections based on forecast from August 19, 2026.

Figure 4 is a line graph of observed and projected SFAR releases below Chili Bar from October 2025 to August 2027. The graph includes a historical average, actual data through August 2026, and projections of 90%, 75%, 50%, 25%, and 10% exceedance likelihood.

Table 3. Chili Bar releases into the South Fork American River

Type (Actual or Forecast	Date	Daily Mean Release Rate (cfs)	Monthly Total Release (acre-ft)	Monthly Total Release (90% Exceedance)	Monthly Total Release (10% Exceedance)
Actual	Oct-25	589	36,150	36,150	36,150
Actual	Nov-25	797	47,329	47,329	47,329
Actual	Dec-25	1,619	99,405	99,405	99,405
Actual	Jan-26	2,013	123,558	123,558	123,558
Actual	Feb-26	1,718	95,255	95,255	95,255
Actual	Mar-26	2,017	123,809	123,809	123,809
Actual	Apr-26	2,355	139,898	139,898	139,898
Actual	May-26	1,315	80,708	80,708	80,708
Actual	Jun-26	634	37,649	37,649	37,649
Actual	Jul-26	654	40,142	40,142	40,142

Type (Actual or Forecast	Date	Daily Mean Release Rate (cfs)	Monthly Total Release (acre-ft)	Monthly Total Release (90% Exceedance)	Monthly Total Release (10% Exceedance)
Actual	Aug-26	813	49,929	49,929	49,929
Forecast	Sep-26	782	46,423	46,317	61,913
Forecast	Oct-26	444	27,277	27,277	44,981
Forecast	Nov-26	294	17,471	17,471	59,923
Forecast	Dec-26	750	46,007	18,319	175,507
Forecast	Jan-27	1,267	77,755	35,462	196,835
Forecast	Feb-27	1,221	67,667	17,698	183,107

Table 4. Reservoir Releases in Cubic Feet/Second

Reservoir	Dam	WY 2025	WY 2026	15 Yr Median
Trinity	Lewiston	432	1,205	699
Sacramento	Keswick	7,615	6,485	7,447
Feather	Oroville (SWP)	5,000	6,500	5,000
American	Nimbus	1,692	1,834	1,834
Stanislaus	Goodwin	203	202	205
San Joaquin	Friant	239	375	375

Table 5. Storage in Major Reservoirs in Thousands of Acre-Feet

Reservoir	Capacity	15 Yr Avg	WY 2025	WY 2026	% of 15 Yr Avg
Trinity	2,448	1,360	1,884	1,723	127
Shasta	4,552	2,440	2,754	2,525	103
Folsom	977	456	458	442	97
New Melones	2,420	1,317	1,632	1,546	117
Fed. San Luis	966	323	244	463	144
Total North CVP	11,363	5,896	6,972	6,699	114
Millerton	772	N/A	2,722	963	80
Oroville (SWP)	1,452	351	4,598	1,540	94

Table 6. Accumulated Inflow for Water Year to Date in Thousands of Acre-Feet

Reservoir	Current WY 2026	WY 1977	WY 1983	15 Yr Avg	% of 15 Yr Avg
Trinity	1,093	211	2,875	1,060	103
Shasta	4,879	2,484	10,649	4,702	104
Folsom	2,416	346	6,463	2,490	97
New Melones	731	N/A	2,669	924	79
Millerton	1,376	305	4,402	1,451	95

Table 7. Accumulated Precipitation for Water Year to Date in Inches

Reservoir	Current WY 2026	WY 1977	WY 1983	Average (N Years)	% of Average	Last 24 Hours
Trinity at Fish Hatchery	31.54	12.52	56.67	30.58 (66)	103	0.00
Sacramento at Shasta Dam	69.79	17.69	114.50	59.60 (71)	117	0.00
American at Blue Canyon	59.36	16.90	104.10	64.27 (52)	92	0.00
Stanislaus at New Melones	28.42	N/A	46.38	26.79 (49)	106	0.00
San Joaquin at Huntington Lk	31.49	17.50	83.20	39.99 (53)	79	0.00

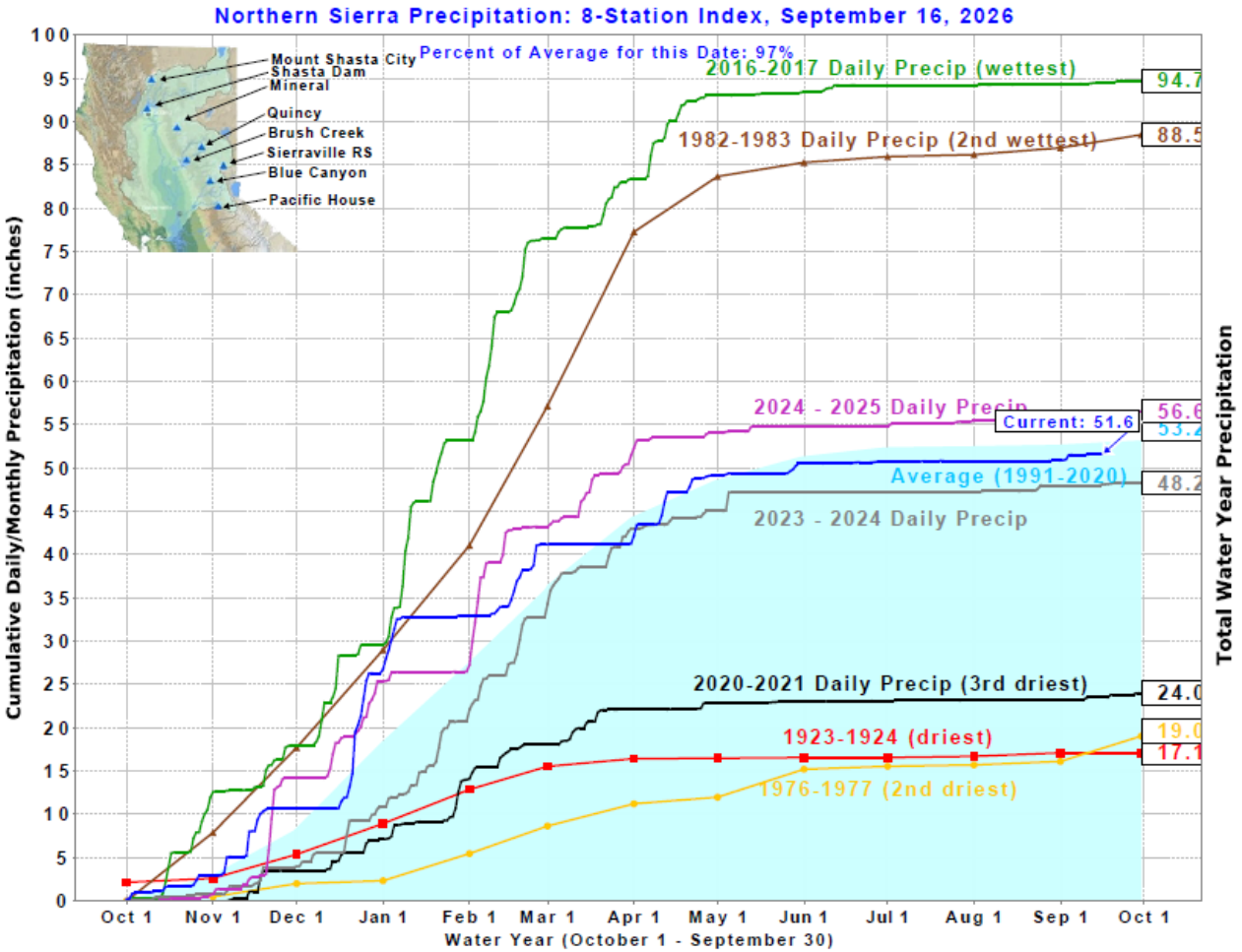


Figure 5. Total and Daily/Monthly Precipitation for Water Year 2026

Figure 5 is a graph depicting total year precipitation and cumulative daily/monthly precipitation in inches for the Northern Sierra 8-Station Index as of September 16, 2026. The average for 1991–2020 is shown as a shaded blue area (53.2 inches), 2016–2017 daily precipitation is the wettest at 94.7 inches, 1982–1983 is the 2nd wettest at 88.5 inches, 2024–2025 daily precipitation is at 56.6 inches, the current water year (2025–2026) is at 51.6 inches (97% of average for this date), 2023–2024 daily precipitation is at 48.2 inches, 2020–2021 (3rd driest) is at 24.0 inches, 1923–1924 (driest) is at 17.1 inches, and 1976–1977 (2nd driest) is at 19.0 inches.

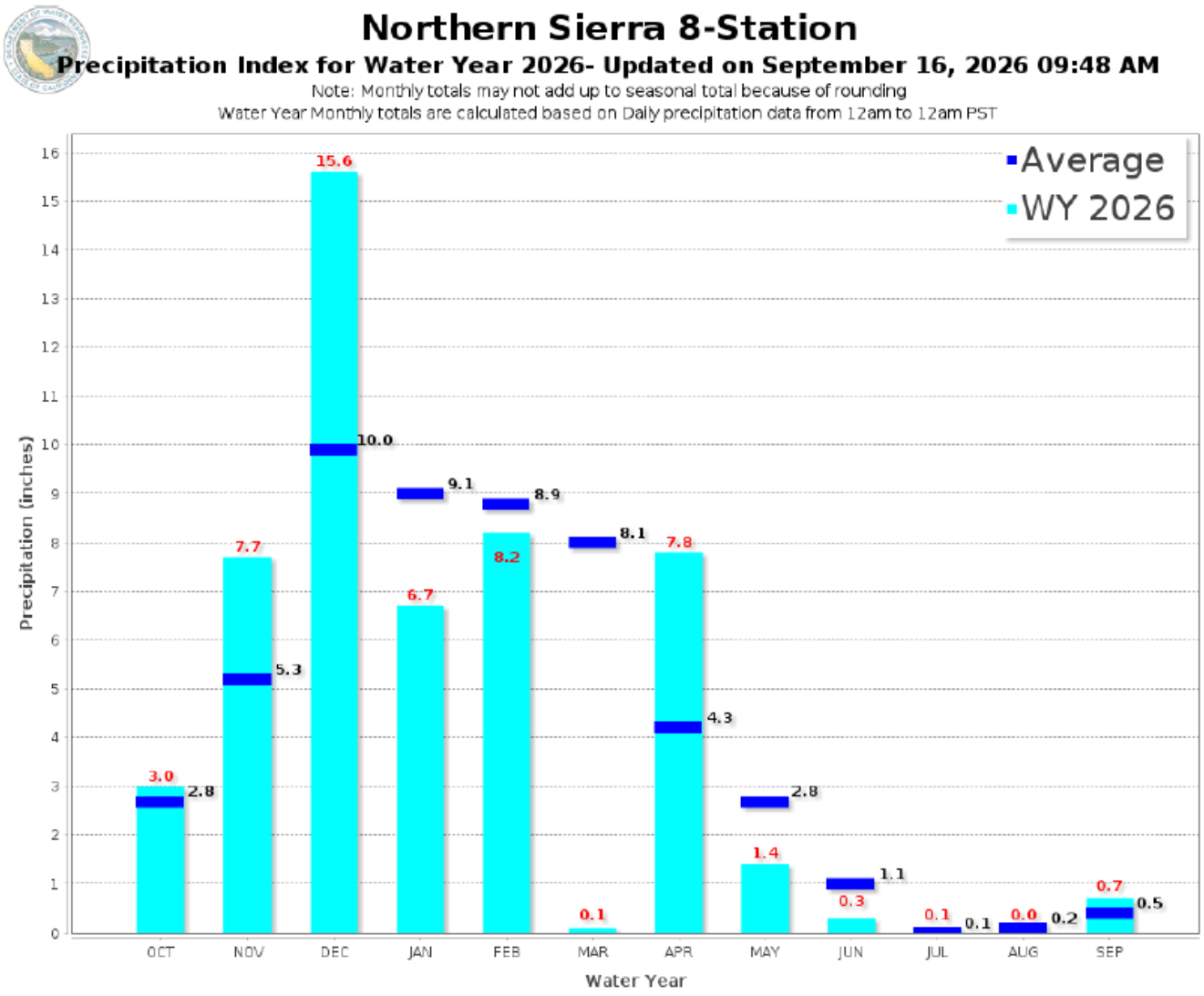


Figure 6. Northern Sierra 8-Station Precipitation Index for Water Year 2026, Updated August 18, 2026

Figure 6 is a bar chart showing monthly precipitation (inches) for Water Year 2026 at the Northern Sierra 8-Station Index, compared against monthly average values. Cyan bars show WY 2026 precipitation by month: Oct 3.0, Nov 7.7, Dec 15.6, Jan 6.7, Feb 8.2, Mar 0.1, Apr 7.8, May 1.4, Jun 0.3, Jul 0.1, Aug 0.0, Sep 0.7. Navy horizontal markers show average precipitation by month: Oct 2.8, Nov 5.3, Dec 10.0, Jan 9.1, Feb 8.9, Mar 8.1, Apr 4.3, May 2.8, Jun 1.1, Jul 0.1, Aug 0.2, Sep 0.5.

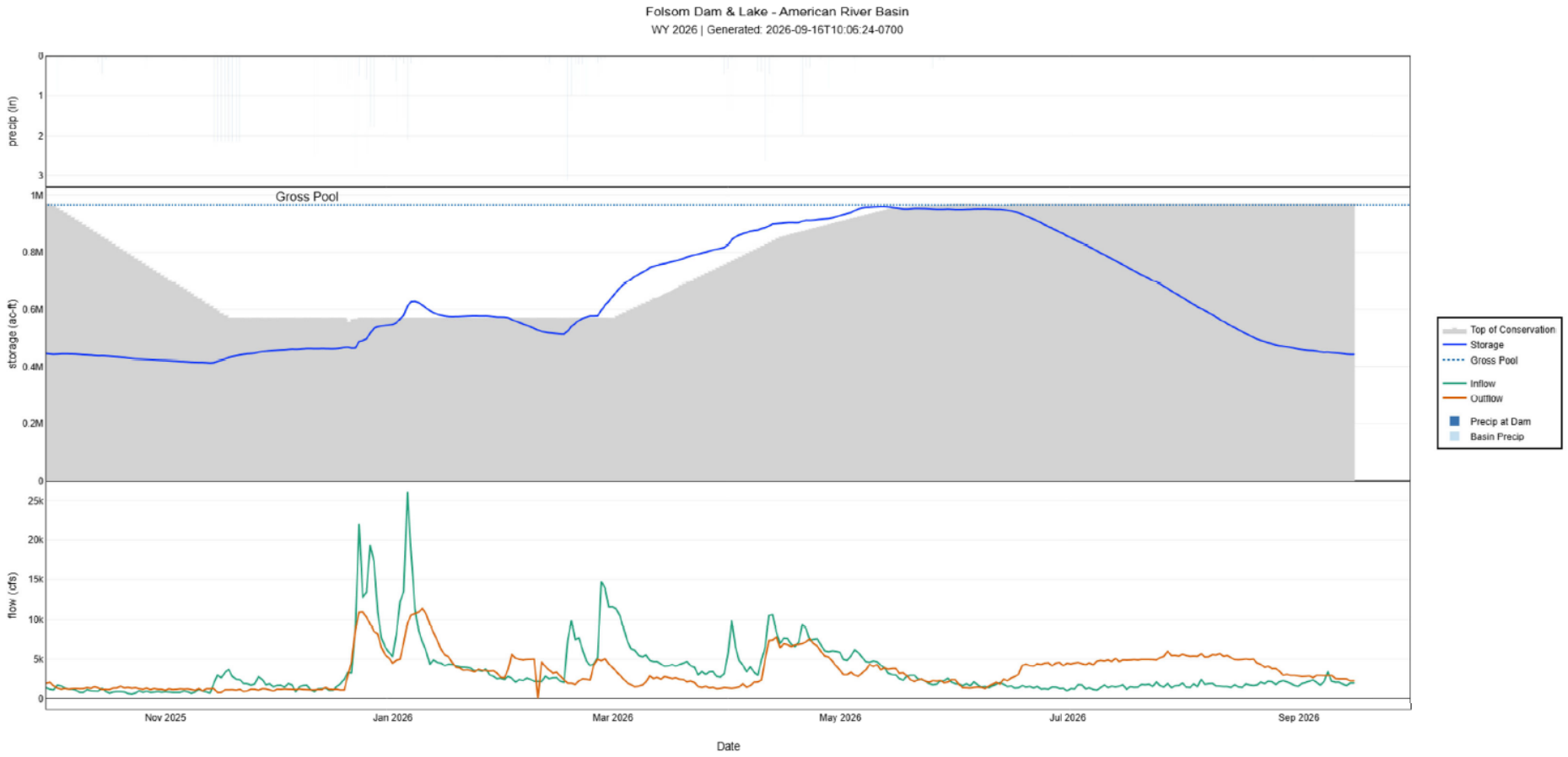


Figure 7. Folsom Dam and Lake Flow, Storage, and Precipitation Totals

Figure 7 shows precipitation, storage, and flow data for Folsom Dam and Lake on the American River Basin for Water Year 2026. Storage (blue line) begins near 450,000 acre-feet, fluctuates through winter, then climbs steadily from March through May to reach near gross pool capacity by mid-May, remaining there through June before declining steadily through July and August to approximately 430,000 acre-feet by September. Inflow (teal) spikes above outflow (orange) during high-flow events, peaking above 25,000 cfs in early January and near 15,000 cfs in early March.

Table 8. August 2026 | Folsom Lake Daily Operations | Run Date: 09/10/2026

Day	Elev	Storage (1000 Acre-Feet) in Lake	Storage (1000 Acre-Feet) Change	Computed * Inflow C.F.S.	Release - C.F.S. River Power	Release - C.F.S. River Spill	Release - C.F.S. River Outlet	Pumping Plant	Evap. - C.F.S.	Evap. - Inches	Precip Inches
N/A	N/A	648.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
1	433.02	640.9	-7.5	1,914	5,338	0	0	262	106	0.35	0.00
2	432.12	632.7	-8.2	1,435	5,200	0	0	257	109	0.36	0.00
3	431.23	624.7	-8.0	1,395	5,081	0	0	264	108	0.36	0.00
4	430.42	617.4	-7.3	1,818	5,120	0	0	263	104	0.35	0.00
5	429.54	609.6	-7.9	1,482	5,091	0	0	249	104	0.35	0.00
6	428.78	602.8	-6.7	2,367	5,423	0	0	239	106	0.36	0.00
7	427.97	595.7	-7.1	1,779	5,020	0	0	251	111	0.38	0.00
8	427.17	588.7	-7.0	1,862	5,045	0	0	250	96	0.33	0.00
9	426.31	581.2	-7.5	1,882	5,315	0	0	241	96	0.33	0.00
10	425.38	573.2	-8.0	1,578	5,275	0	0	240	109	0.38	0.00
11	424.40	564.8	-8.4	1,555	5,456	0	0	235	94	0.33	0.00
12	423.48	557.0	-7.8	1,513	5,113	0	0	244	94	0.33	0.00
13	422.53	549.0	-8.0	1,508	5,214	0	0	244	82	0.29	0.00
14	421.61	541.3	-7.7	1,391	4,937	0	0	245	81	0.29	0.00
15	420.82	534.7	-6.5	1,709	4,698	0	0	243	69	0.25	0.00

Day	Elev	Storage (1000 Acre-Feet) in Lake	Storage (1000 Acre-Feet) Change	Computed * Inflow C.F.S.	Release - C.F.S. River Power	Release - C.F.S. River Spill	Release - C.F.S. River Outlet	Pumping Plant	Evap. - C.F.S.	Evap. - Inches	Precip Inches
16	419.97	527.7	-7.0	1,459	4,671	0	0	245	69	0.25	0.00
17	419.09	520.6	-7.2	1,402	4,711	0	0	240	68	0.25	0.00
18	418.29	514.1	-6.5	1,817	4,778	0	0	233	68	0.25	0.00
19	417.47	507.5	-6.6	1,692	4,711	0	0	234	67	0.25	0.00
20	416.61	500.7	-6.9	1,620	4,785	0	0	224	67	0.25	0.00
21	415.89	495.0	-5.7	1,698	4,279	0	0	227	66	0.25	0.00
22	415.29	490.2	-4.7	2,043	4,099	0	0	238	82	0.31	0.00
23	414.74	485.9	-4.3	1,861	3,702	0	0	251	76	0.29	0.00
24	414.23	482.0	-4.0	2,158	3,820	0	0	248	91	0.35	0.00
25	413.78	478.5	-3.5	2,102	3,538	0	0	239	81	0.31	0.00
26	413.24	474.3	-4.2	1,759	3,541	0	0	233	83	0.32	0.00
27	412.87	471.5	-2.8	2,076	3,188	0	0	238	82	0.32	0.00
28	412.68	470.0	-1.4	2,249	2,693	0	0	230	57	0.22	0.00
29	412.41	468.0	-2.1	2,068	2,815	0	0	220	72	0.28	0.00
30	412.13	465.8	-2.1	1,896	2,677	0	0	227	69	0.27	0.00
31	411.78	463.2	-2.7	1,636	2,681	0	0	224	69	0.27	0.00
Totals	N/A	N/A	-185.3	54,724	138,015	0	0	7,478	2,636	9.48	0.00
Acre-Feet	N/A	N/A	-185,300	108,545	273,753	0	0	14,833	5,229	N/A	N/A

* Computed inflow is the sum of change in storage, releases, pumping, and evaporation

Summary: Release (acre-feet)

Power	273,753
Spill	0
Outlet	0
Pumping Plant	14,833
Total Releases	288,585

Summary: Precipitation (Month/Inches)

This month	0.00
October 1, 2025 to date	38.90

Table 9. September 2026 | Folsom Lake Daily Operations | Run Date: 09/16/2026

Day	Elev	Storage (1000 Acre-Feet) in Lake	Storage (1000 Acre-Feet) Change	Computed * Inflow C.F.S.	Release - C.F.S. River Power	Release - C.F.S. River Spill	Release - C.F.S. River Outlet	Pumping Plant	Evap. - C.F.S.	Evap. - Inches	Precip Inches
N/A	N/A	648.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
1	411.42	460.5	-2.7	1,532	2,631	0	0	211	61	0.24	0.00
2	411.17	458.6	-1.9	1,862	2,558	0	0	208	48	0.19	0.00
3	410.95	456.9	-1.7	1,999	2,587	0	0	203	45	0.18	0.00
4	410.76	455.5	-1.4	2,155	2,632	0	0	196	43	0.17	0.00
5	410.68	454.9	-0.6	2,333	2,389	0	0	203	43	0.17	0.00
6	410.42	453.0	-1.9	1,994	2,698	0	0	214	63	0.25	0.00
7	410.08	450.4	-2.5	1,684	2,674	0	0	225	68	0.27	0.00
8	409.86	448.8	-1.6	2,133	2,651	0	0	221	85	0.34	0.00
9	409.96	449.5	0.7	3,346	2,671	0	0	219	82	0.33	0.00
10	409.74	447.9	-1.6	2,167	2,674	0	0	224	90	0.36	0.00
11	409.59	446.8	-1.1	2,028	2,269	0	0	229	90	0.36	0.00
12	409.45	445.7	-1.0	2,034	2,240	0	0	227	89	0.36	0.00
13	409.25	444.3	-1.5	1,809	2,247	0	0	220	89	0.36	0.00
14	409.00	442.4	-1.9	1,607	2,232	0	0	219	89	0.36	0.00
15	408.90	441.7	-0.7	1,930	1,998	0	0	212	89	0.36	0.00

Day	Elev	Storage (1000 Acre-Feet) in Lake	Storage (1000 Acre-Feet) Change	Computed * Inflow C.F.S.	Release - C.F.S. River Power	Release - C.F.S. River Spill	Release - C.F.S. River Outlet	Pumping Plant	Evap. - C.F.S.	Evap. - Inches	Precip Inches
Totals	N/A	N/A	-21.4	30,613	37,151	0	0	3,231	1,074	4.30	0.00
Acre-Feet	N/A	N/A	-21,400	60,721	73,689	0	0	6,409	2,130	N/A	N/A

* Computed inflow is the sum of change in storage, releases, pumping, and evaporation

Summary: Release (acre-feet)

Power	73,689
Spill	0
Outlet	0
Pumping Plant	6,409
Total Releases	80,098

Summary: Precipitation (Month/Inches)

This month	0.00
October 1, 2025 to date	38.90

Table 10. August 2026 | Lake Natoma Daily Operations | Run Date: 09/10/2026

Day	Elev	Storage (Acre-Feet) in Lake	Storage (Acre-Feet) Change	Computed * Inflow C.F.S.	Release - C.F.S. Folsom South	Release - C.F.S. Power	Release - C.F.S. Spill	Release - C.F.S. Hatchery	Evap. - C.F.S. (1)
N/A	N/A	7,490	N/A	N/A	N/A	N/A	N/A	N/A	N/A
1	122.81	7,706	216	5,098	40	4,904	0	40	5
2	123.05	7,815	109	5,012	40	4,872	0	40	5
3	122.90	7,746	-69	4,928	47	4,871	0	40	5
4	122.79	7,697	-49	4,946	57	4,869	0	40	5
5	122.61	7,616	-81	4,936	60	4,862	10	40	5
6	123.53	8,040	424	5,183	53	4,863	8	40	5
7	123.10	7,838	-202	4,839	47	4,849	0	40	5
8	122.82	7,710	-128	4,860	40	4,841	0	40	4
9	123.00	7,791	81	5,075	20	4,970	0	40	4
10	123.02	7,800	9	5,054	20	4,979	5	40	5
11	123.63	8,087	287	5,197	20	4,988	0	40	4
12	123.10	7,838	-249	4,923	20	4,985	0	40	4
13	122.84	7,719	-119	5,000	23	4,993	0	40	4
14	122.98	7,782	63	4,746	30	4,640	0	40	4
15	123.07	7,824	42	4,495	30	4,401	0	40	3
16	123.04	7,810	-14	4,481	30	4,415	0	40	3

Day	Elev	Storage (Acre-Feet) in Lake	Storage (Acre-Feet) Change	Computed * Inflow C.F.S.	Release - C.F.S. Folsom South	Release - C.F.S. Power	Release - C.F.S. Spill	Release - C.F.S. Hatchery	Evap. - C.F.S. (1)
17	122.98	7,782	-28	4,501	30	4,442	0	40	3
18	123.12	7,847	65	4,561	30	4,455	0	40	3
19	123.07	7,824	-23	4,509	30	4,448	0	40	3
20	123.27	7,918	94	4,576	30	4,456	0	40	3
21	123.54	8,045	127	4,108	30	3,971	0	40	3
22	123.46	8,007	-38	3,946	24	3,897	0	40	4
23	123.43	7,993	-14	3,556	20	3,499	0	40	4
24	123.93	8,228	235	3,638	20	3,455	0	40	5
25	123.45	8,003	-225	3,413	23	3,459	0	40	4
26	123.02	7,800	-203	3,421	25	3,454	0	40	4
27	123.04	7,810	10	3,067	25	2,993	0	40	4
28	123.09	7,833	23	2,578	25	2,498	0	40	3
29	123.74	8,139	306	2,675	25	2,452	0	40	4
30	123.84	8,186	47	2,548	32	2,449	0	40	3
31	123.91	8,219	33	2,558	50	2,448	0	40	3
Totals	N/A	N/A	230	729	132,428	996	129,678	23	1,240
Acre-Feet	N/A	N/A	230	729	262,671	1,976	257,216	46	2,460

* Computed inflow is sum of change in storage, releases, and evaporation.
(1) Evaporation records taken from Folsom Pan.

Summary: Release (acre-feet)

Power	257,216
Spill	46
Folsom South Canal	1,976
Hatchery	2,460
Total Releases	261,698

Table 11. September 2026 | Lake Natoma Daily Operations | Run Date: 09/16/2026

Day	Elev	Storage (Acre-Feet) in Lake	Storage (Acre-Feet) Change	Computed * Inflow C.F.S.	Release - C.F.S. Folsom South	Release - C.F.S. Power	Release - C.F.S. Spill	Release - C.F.S. Hatchery	Evap. - C.F.S. (1)
N/A	N/A	8,219	N/A	N/A	N/A	N/A	N/A	N/A	N/A
1	123.80	8,167	-52	2,509	44	2,452	0	36	3
2	123.65	8,097	-70	2,440	7	2,451	0	15	2
3	123.62	8,082	-15	2,458	0	2,449	0	15	2
4	123.74	8,139	57	2,496	1	2,432	0	32	2
5	123.05	7,815	-324	2,312	31	2,402	0	40	2
6	123.28	7,923	108	2,570	40	2,433	0	40	3
7	123.37	7,965	42	2,565	40	2,461	0	40	3
8	123.31	7,937	-28	2,549	40	2,479	0	40	4
9	123.38	7,970	33	2,571	38	2,472	0	40	4
10	123.52	8,035	65	2,585	30	2,477	0	40	5
11	123.59	8,068	33	2,194	27	2,105	0	40	5
12	123.69	8,115	47	2,176	27	2,080	0	40	5
13	123.83	8,181	66	2,152	41	2,033	0	40	5
14	123.85	8,191	10	2,130	55	2,025	0	40	5
15	124.01	8,266	75	1,911	34	1,794	0	40	5
Totals	N/A	N/A	47	35,618	455	34,545	0	538	55

Day	Elev	Storage (Acre-Feet) in Lake	Storage (Acre-Feet) Change	Computed * Inflow C.F.S.	Release - C.F.S. Folsom South	Release - C.F.S. Power	Release - C.F.S. Spill	Release - C.F.S. Hatchery	Evap. - C.F.S. (1)
Acre-Feet	N/A	N/A	47	70,648	902	68,520	0	1,067	109

* Computed inflow is sum of change in storage, releases, and evaporation.
(1) Evaporation records taken from Folsom Pan.

Summary: Release (acre-feet)

Power	68,520
Spill	0
Folsom South Canal	902
Hatchery	1,067
Total Releases	70,489

Table 12. Isobath 09/01–09/15 (Mean Daily Temperature, Release, Storage, Unit Shutter Position/Load Percentage

MDT = Mean Daily Temperature (°F)
USP/LP = Unit Shutter Position/Load Percentage

Date	MDT, Water NFA	MDT, Water ARP	MDT, Water AFD[1]	MDT, Water AFO	MDT, Water AWP	MDT Water AWB	MDT, Air CSU	Release (CFS) Nimbus	Storage (TAF) Folsom	USP/LP Unit 1	USP/ LP Unit 2	USP/LP Unit 3
Aug	61.2	64.6	62.9	64.1	65.2	66.1	75.8	4282	N/A	N/A	N/A	N/A
09/01	58.9	61.4	64.4	65.3	66.2	66.6	66.0	2488	460	T74	M25	M0
09/02	58.3	60.5	65.0	65.2	66.4	67.0	67.7	2466	459	T74	M25	M0
09/03	57.9	58.5	64.9	65.3	66.1	66.8	66.3	2464	457	T74	M24	M2
09/04	58.3	59.0	64.9	65.5	66.7	67.4	66.7	2464	456	T74	M25	M0
09/05	57.8	57.9	65.0	65.6	66.7	67.4	67.5	2442	455	T74	M26	M0
09/06	58.1	58.3	64.8	65.5	66.7	67.5	69.3	2473	453	T72	M28	M0
09/07	58.7	59.2	65.1	65.6	66.9	67.7	70.0	2501	450	T74	M25	M0
09/08	59.6	59.1	63.2	65.9	67.2	68.1	73.8	2519	449	T34	M26	M40
09/09	60.0	57.1	63.0	65.6	67.5	68.7	80.3	2512	450	T30	M26	M44
09/10	60.8	58.5	63.0	64.8	66.9	68.2	85.7	2517	448	T31	M26	M43
09/11	60.8	59.3	63.3	64.5	66.0	67.0	74.8	2145	447	T32	M30	M38
09/12	60.3	58.8	63.8	64.2	65.8	67.0	73.0	2120	446	T48	M32	M19
09/13	59.9	59.1	64.3	64.9	65.9	66.5	66.3	2073	444	T50	M50	M1
09/14	59.1	58.5	64.3	64.7	65.9	66.7	68.5	2065	442	T51	M48	M1
09/15	59.9	56.8	64.2	64.8	66.2	66.9	71.1	1834	442	T52	M47	M1
Sep	59.2	58.8	64.2	65.2	66.5	67.3	71.1	2339	N/A	N/A	N/A	N/A

Date	MDT, Water NFA	MDT, Water ARP	MDT, Water AFD[1]	MDT, Water AFO	MDT, Water AWP	MDT Water AWB	MDT, Air CSU	Release (CFS) Nimbus	Storage (TAF) Folsom	USP/LP Unit 1	USP/ LP Unit 2	USP/LP Unit 3
N/A	N/A	N/A	N/A	N/A	N/A	N/A	Total AF	69586	N/A	N/A	N/A	N/A

Legend:
? = 1-9 hours of data missing
! = 10 or more hours of data missing
# = Station out of service
X = Exceedances
Monthly Averages
A = All Shutters Lowered
T = Top Shutter Raised
M = Middle Shutter Raised
B = Bottom Shutter Raised
O = Unit Outage

Notes:
[1] AFD is a weighted average based on hourly flow values from generation

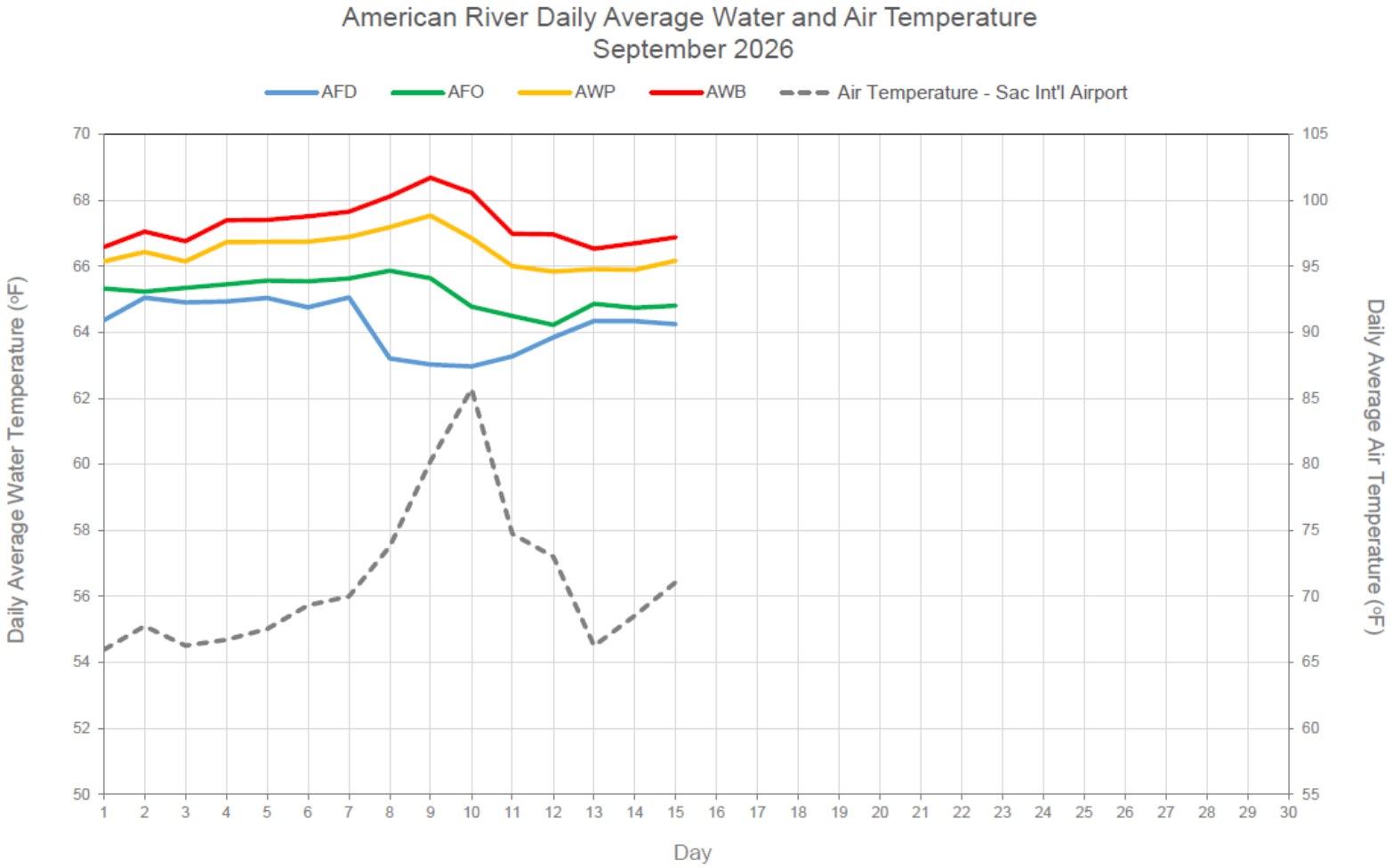


Figure 8. American River Daily Average Water and Air Temperatures

Figure 8 displays daily average water temperature at four American River gages and air temperature at Sacramento International Airport for September 2026, with data through day 15. AWB (red) tracks highest among water temperature sensors ranging approximately 66–69°F, followed by AWP, AFO, and AFD in descending order, with AFD (blue) ranging approximately 63–65°F. Air temperature (dashed gray, right axis) fluctuates more sharply than water temperatures, ranging approximately 66–86°F, with a low near day 3, a peak near day 10, and a dip around day 13.

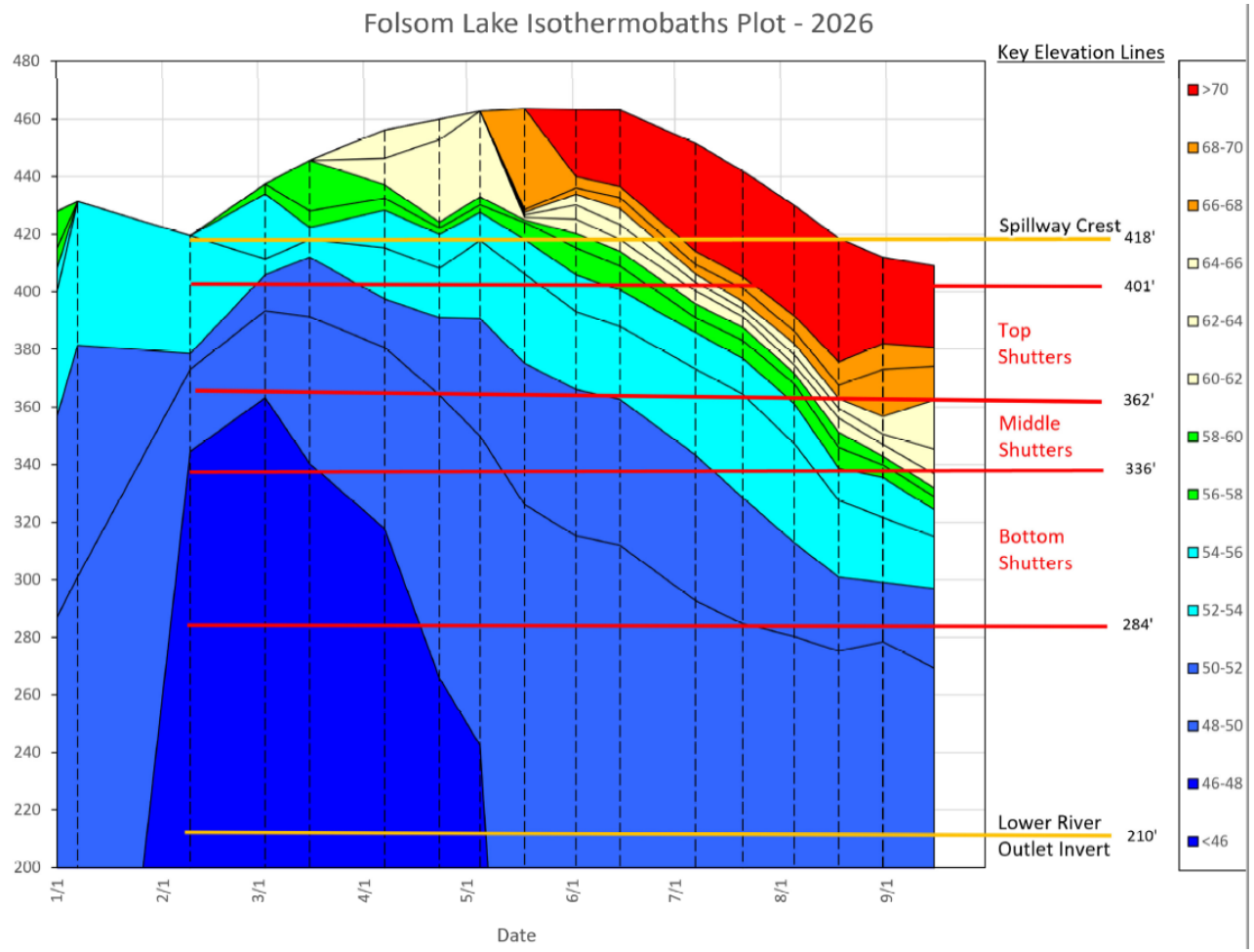


Figure 9. Folsom Lake Isothermobaths Plot - 2026

Figure 9 displays Folsom Lake water temperature by elevation from January through September 2026, with key elevation lines marked for Spillway Crest (418 ft), Top Shutters (401 ft), Middle Shutters (362 ft and 336 ft), Bottom Shutters (284 ft), and Lower River Outlet Invert (210 ft). Cold water (below 52°F) dominates the lower reservoir throughout the period. Storage rises sharply from January through early March, peaking near the Spillway Crest by early May and remaining there through June before declining through July–September. Warmer temperature bands expand toward the surface as the season progresses, with surface temperatures exceeding 70°F by early June and persisting through September as storage drops.

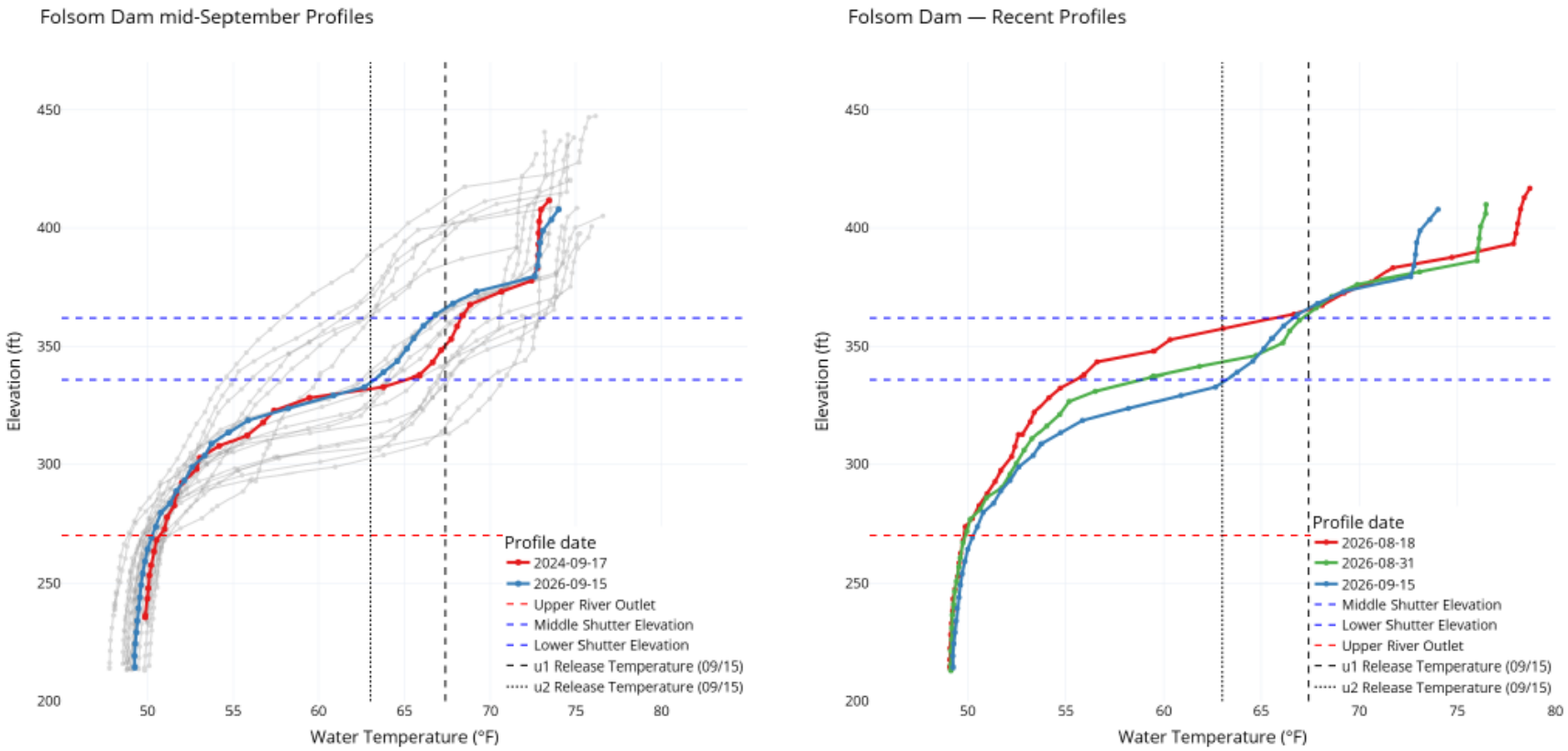


Figure 10. Folsom Dam Water Temperature Profiles, Mid-June Comparison and Recent Profiles.

Figure 10 shows two side-by-side water temperature profile charts for Folsom Dam. The left panel compares mid-September profiles across multiple historical years (gray lines) with 2024-09-17 (red) and 2026-09-15 (blue) highlighted, showing water temperature increasing with elevation from approximately 49°F near the bottom to 73–78°F near the surface, with 2024 and 2026 tracking closely together across most elevations. The right panel shows three recent 2026 profiles — 2026-08-18 (red), 2026-08-31 (green), and 2026-09-15 (blue) — with reference lines marking Middle Shutter Elevation (dashed blue, approximately 362 ft), Lower Shutter Elevation (dashed blue, approximately 336 ft), Upper River Outlet (dashed red, approximately 270 ft), and u1/u2 Release Temperature 09/15 (dashed black and dotted black, approximately 62–67°F), showing surface temperatures rising progressively from approximately 72°F on 2026-08-18 to approximately 78°F by 2026-09-15..

Table 13. American River Baseflow Table – WY 2026

Month	Index Used for Index-based MRR	Flood Mgmt (TAF)[1]	ARI or SRI	Index Based MRR (cfs)	RDPB-based MRR for fall-run Chinook salmon (applicable in Jan and Feb)	RDPB-based MRR for steelhead (applicable Feb to May)	Controlling MRR (cfs)	Actual Average Monthly Nimbus releases[2] (cfs)
October	May ARI[3] (50% exceedance)	0	1,614	992	NA	NA	992	1,079
November	May ARI[3] (50% exceedance)	0	1,614	992	NA	NA	992	1,071
December	May ARI[3] (50% exceedance)	159	1,614	992	NA	NA	992	3,638
January	Jan SRI (90% exceedance)	445	13.4 (SRI)	992	992	NA	992	5,743
February	Feb ARI (90% exceedance)	515	915	673	694	635	694	3,832
March	March ARI (90% exceedance)	572	1,265	1,063	NA	635	1,063	1,959
April	April ARI (90% exceedance)	796	1,321	986	NA	635	986	4,698
May	May ARI (90% exceedance)	NA	1,488	1,082	NA	635	1,082	2,810
June	May ARI[3] (90% exceedance)	NA	1,488	1,082	NA	NA	1,082	2,536
July	May ARI[3] (90% exceedance)	NA	1,488	1,595	NA	NA	1,595	4,447
August	May ARI[3] (90% exceedance)	NA	1,488	1,595	NA	NA	1,595	4,224
September	May ARI[3] (90% exceedance)	NA	1,488	1,595	NA	NA	1,595	2,339[4]

Table 14. American River Baseflow Table – WY 2027

Month	Index Used for Index-based MRR	Flood Mgmt (TAF)[1]	ARI or SRI	Index Based MRR (cfs)	RDPB-based MRR for fall-run Chinook salmon (applicable in Jan and Feb)	RDPB-based MRR for steelhead (applicable Feb to May)	Controlling MRR (cfs)	Actual Average Monthly Nimbus releases[2] (cfs)
October	May ARI[3] (90% exceedance)	N/A	1,488	795	NA	NA	795	N/A
November	May ARI[3] (90% exceedance)	N/A	1,488	795	NA	NA	795	N/A
December	May ARI[3] (90% exceedance)	N/A	1,488	795	NA	NA	795	N/A

1 Cumulative flood management release
2 Average of daily releases over the month from sum of Power, Spill, and Hatchery flows DailyOperationsNAT
3 B120 Forecasts are usually provided January through May. The May ARI would also be used for June-September of the current water year and October through December of the next water year unless there is an update to the ARI after May.
4 Accumulated spill/release as of 9/16/26

90% exceedance starting January 2025 (2024 ROD)

MRR=Minimum Release Requirement
RDPA=Redd Dewatering Protective Adjustment
ARI=American River Index
SRI=Sacramento River Index
N/A = Not Applicable

Estimated CVP Operations 50% Exceedance

Table 15. Federal End of the Month Storage/Elevation (TAF/Feet)

Facility	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug
Trinity	1773	1684	1666	1632	1611	1675	1786	1915	2076	1905	1778	1632	1485
Trinity Elev.	NA	2318	2316	2314	2312	2317	2326	2335	2346	2334	2325	2314	2302
Whiskeytown	238	238	206	206	206	206	206	206	206	238	238	238	238
Whiskeytown Elev.	NA	1209	1199	1199	1199	1199	1199	1199	1199	1209	1209	1209	1209
Shasta	2630	2450	2361	2400	2691	3048	3581	4037	4255	4319	4008	3508	3022
Shasta Elev.	NA	982	977	979	994	1010	1032	1049	1057	1059	1048	1029	1009
Folsom	463	422	405	409	459	550	560	749	877	941	914	682	488
Folsom Elev.	NA	406	404	404	411	423	424	444	457	463	460	437	415
New Melones	1562	1513	1463	1475	1493	1529	1558	1618	1628	1716	1719	1646	1589
New Melones Elev.	NA	1005	999	1000	1002	1006	1009	1016	1017	1025	1026	1018	1013
Federal San Luis	429	386	318	329	436	617	732	862	844	715	594	319	201
Total	7095	6693	6418	6451	6895	7625	8423	9388	9886	9834	9250	8025	7023

Table 16. State End of the Month Reservoir Storage (TAF)

Facility	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug
Oroville	1973	1603	1387	1333	1444	1662	2053	2436	2846	3014	2839	2328	1818
Oroville Elev.	NA	742	717	710	724	749	788	821	853	865	853	812	765
State San Luis	859	1001	993	958	1099	1076	1051	944	814	641	474	489	499
Total San Luis (TAF)	1288	1387	1311	1287	1535	1693	1782	1806	1658	1356	1068	808	700
Total San Luis Elev.	NA	489	482	480	502	516	523	525	513	487	459	433	421

Table 17. Monthly River Releases (TAF/cfs)

Facility	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug
Trinity (TAF)	59	23	18	78	18	17	18	28	258	126	68	53
Trinity (cfs)	1,000	373	300	1,276	300	300	300	477	4,189	2,120	1,102	857
Clear Creek (TAF)	7	10	12	16	18	17	18	15	18	13	7	6
Clear Creek (cfs)	120	157	210	260	293	300	286	247	295	215	113	100
Sacramento (TAF)	393	353	297	246	246	222	369	416	492	684	799	768

Facility	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug
Sacramento (cfs)	6600	5750	5000	4000	4000	4000	6000	7000	8000	11500	13000	12500
American (TAF)	104	98	89	63	61	222	123	297	400	249	350	292
American (cfs)	1750	1600	1493	1022	1000	4000	2000	5000	6500	4183	5698	4758
Stanislaus (TAF)	12	39	12	12	12	28	32	53	54	37	12	12
Stanislaus (cfs)	200	635	200	200	200	497	523	898	880	630	200	200
Feather (TAF)	476	246	74	77	65	58	65	62	65	226	467	498
Feather (cfs)	8000	4000	1250	1250	1050	1050	1050	1050	1050	3800	7600	8100

Table 18. Trinity Diversions (TAF)

Diversion Facility	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug
Carr PP	32	5	46	0	0	0	0	16	126	97	96	96
Spring Creek PP	25	30	40	0	17	28	20	25	90	90	90	90

Table 19. Delta Summary (TAF)

Facility	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug
Tracy	181	135	110	160	235	225	250	154	173	250	148	253
USBR Banks	36	0	0	0	0	0	0	0	0	0	0	0
Contra Costa	14.0	14.0	16.0	18.0	14.0	14.0	12.7	12.7	12.7	9.8	11.1	12.7
Total USBR	231	149	126	178	249	239	263	167	185	260	159	266
State Export	396	219	158	315	155	150	171	60	49	129	342	380
Total Export	627	368	284	493	404	389	434	227	234	389	501	646
COA Balance	29	29	29	29	29	29	29	29	29	29	29	29
Vernalis (TAF)	54	108	83	83	91	127	140	143	146	84	51	49
Vernalis (cfs)	906	1757	1393	1355	1485	2280	2280	2398	2380	1420	834	802
Old/Middle River calc.	-8,298	-4,409	-3,639	-6,155	-4,982	-4,959	-4,997	-2,443	-2,456	-4,983	-6,491	-8,317
Computed DOI	6001	8361	8001	8004	14413	22315	21961	17751	13144	9497	11501	9500
Excess Outflow	0	358	0	0	6409	10914	10557	6354	2717	0	0	0
% Export/Inflow	53%	35%	33%	48%	32%	24%	24%	16%	19%	33%	33%	43%
% Export/inflow std.	65%	65%	65%	65%	65%	45%	35%	35%	35%	35%	65%	65%

Table 20. Hydrology

Statistic	Trinity	Shasta	Folsom	New Melones
Water Year Inflow (TAF)	1099	4,980	2,440	785
Year to Date + Forecasted % of mean	91%	90%	90%	74%

CVP actual operations do not follow any forecasted operation or outlook; actual operations are based on real-time conditions.

CVP operational forecasts or outlooks represent general system-wide dynamics and do not necessarily address specific watershed/tributary details.

CVP releases or export values represent monthly averages.

CVP Operations are updated monthly as new hydrology information is made available December through May.

Estimated CVP Operations 90% Exceedance

Table 21. Federal End of the Month Storage/Elevation (TAF/Feet)

Facility	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug
Trinity	1773	1678	1654	1607	1523	1525	1556	1614	1717	1547	1461	1367	1251
Trinity Elev.	NA	2317	2316	2312	2305	2305	2308	2312	2320	2307	2300	2292	2281
Whiskeytown	238	238	206	206	206	206	206	206	206	238	238	238	238
Whiskeytown Elev.	NA	1209	1199	1199	1199	1199	1199	1199	1199	1209	1209	1209	1209
Shasta	2630	2440	2311	2270	2298	2369	2524	2842	2898	2764	2488	2138	1852
Shasta Elev.	NA	981	975	972	974	978	985	1001	1003	997	984	965	948
Folsom	463	412	355	316	320	333	392	515	661	766	628	391	284
Folsom Elev.	NA	405	396	390	391	393	402	418	435	446	432	402	384
New Melones	1562	1512	1452	1449	1447	1453	1411	1390	1300	1200	1079	1003	948
New Melones Elev.	NA	1004	998	998	997	998	993	991	981	969	953	943	935
Federal San Luis	429	427	377	335	337	477	546	589	535	397	213	11	-155
Total	7095	6707	6354	6183	6130	6363	6635	7156	7316	6912	6108	5149	4418

Table 22. State End of the Month Reservoir Storage (TAF)

Facility	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug
Oroville	1973	1663	1437	1291	1225	1281	1421	1635	1806	1727	1456	1095	838
Oroville Elev.	NA	749	723	705	696	704	721	746	764	755	725	678	638
State San Luis	859	938	899	841	789	842	877	934	839	677	496	242	7
Total San Luis (TAF)	1288	1365	1276	1176	1126	1319	1422	1523	1373	1073	710	254	-147
Total San Luis Elev.	NA	487	479	470	465	483	492	501	488	460	422	362	NA

Table 23. Monthly River Releases (TAF/cfs)

Facility	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug
Trinity (TAF)	59	23	18	78	18	17	28	32	180	47	28	53
Trinity (cfs)	1,000	373	300	1,276	300	300	450	540	2,924	783	450	857
Clear Creek (TAF)	7	10	12	16	18	17	18	15	18	13	7	6
Clear Creek (cfs)	120	157	210	260	293	300	286	247	295	215	113	100
Sacramento (TAF)	393	353	297	246	246	222	200	387	553	583	615	553

Facility	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug
Sacramento (cfs)	6600	5750	5000	4000	4000	4000	3250	6500	9000	9800	10000	9000
American (TAF)	104	98	82	49	49	44	50	59	69	210	297	169
American (cfs)	1755	1600	1375	800	800	800	810	1000	1128	3531	4825	2753
Stanislaus (TAF)	12	39	12	12	12	57	54	68	72	53	12	12
Stanislaus (cfs)	200	635	200	200	200	1019	881	1151	1167	899	200	200
Feather (TAF)	405	227	74	77	77	58	65	62	105	214	255	197
Feather (cfs)	6800	3700	1250	1250	1250	1050	1050	1050	1700	3600	4150	3200

Table 24. Trinity Diversions (TAF)

Diversion Facility	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug
Carr PP	33	6	41	27	10	5	0	1	134	91	87	86
Spring Creek PP	25	30	30	15	0	0	2	1	90	80	80	80

Table 25. Delta Summary (TAF)

Facility	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug
Tracy	182	105	48	49	182	161	131	54	55	48	50	50
USBR Banks	36	0	0	0	0	0	0	0	0	0	0	0
Contra Costa	12.0	14.0	14.0	14.0	14.0	14.0	12.0	12.0	12.0	10.0	11.0	12.0
Total USBR	230	119	62	63	196	175	143	66	67	58	61	62
State Export	320	191	112	101	197	175	268	36	37	36	38	39
Total Export	550	310	174	164	393	350	411	101	104	94	99	101
COA Balance	28	22	7	-5	11	10	11	1	-8	-8	-7	-7
Vernalis (TAF)	46	98	74	75	75	127	140	125	132	84	45	40
Vernalis (cfs)	772	1595	1242	1225	1225	2280	2280	2109	2143	1420	737	655
Old/Middle River calc.	-7,362	-3,755	-2,283	-2,093	-4,961	-4,418	-4,712	-952	-931	-1,168	-1,498	-1,560
Computed DOI	6001	7499	7497	7499	7499	7510	7499	8539	7499	8506	8996	7499
Excess Outflow	0	0	0	0	0	0	0	0	0	0	0	0
% Export/Inflow	51%	34%	24%	23%	47%	45%	48%	13%	13%	10%	10%	11%
% Export/inflow std.	65%	65%	65%	65%	65%	45%	35%	35%	35%	35%	65%	65%

Table 26. Hydrology

Statistic	Trinity	Shasta	Folsom	New Melones
Water Year Inflow (TAF)	1094	4970	2430	784.16896
Year to Date + Forecasted % of mean	91%	90%	89%	74%

CVP actual operations do not follow any forecasted operation or outlook; actual operations are based on real-time conditions.

CVP operational forecasts or outlooks represent general system-wide dynamics and do not necessarily address specific watershed/tributary details.

CVP releases or export values represent monthly averages.

CVP Operations are updated monthly as new hydrology information is made available December through May.

Lower American River Monitoring

Dissolved Oxygen Monitoring

Below is a summary of dissolved oxygen and temperature in the American River in relation to flow since the previous ARG meeting. The next logger download is scheduled for September 29.

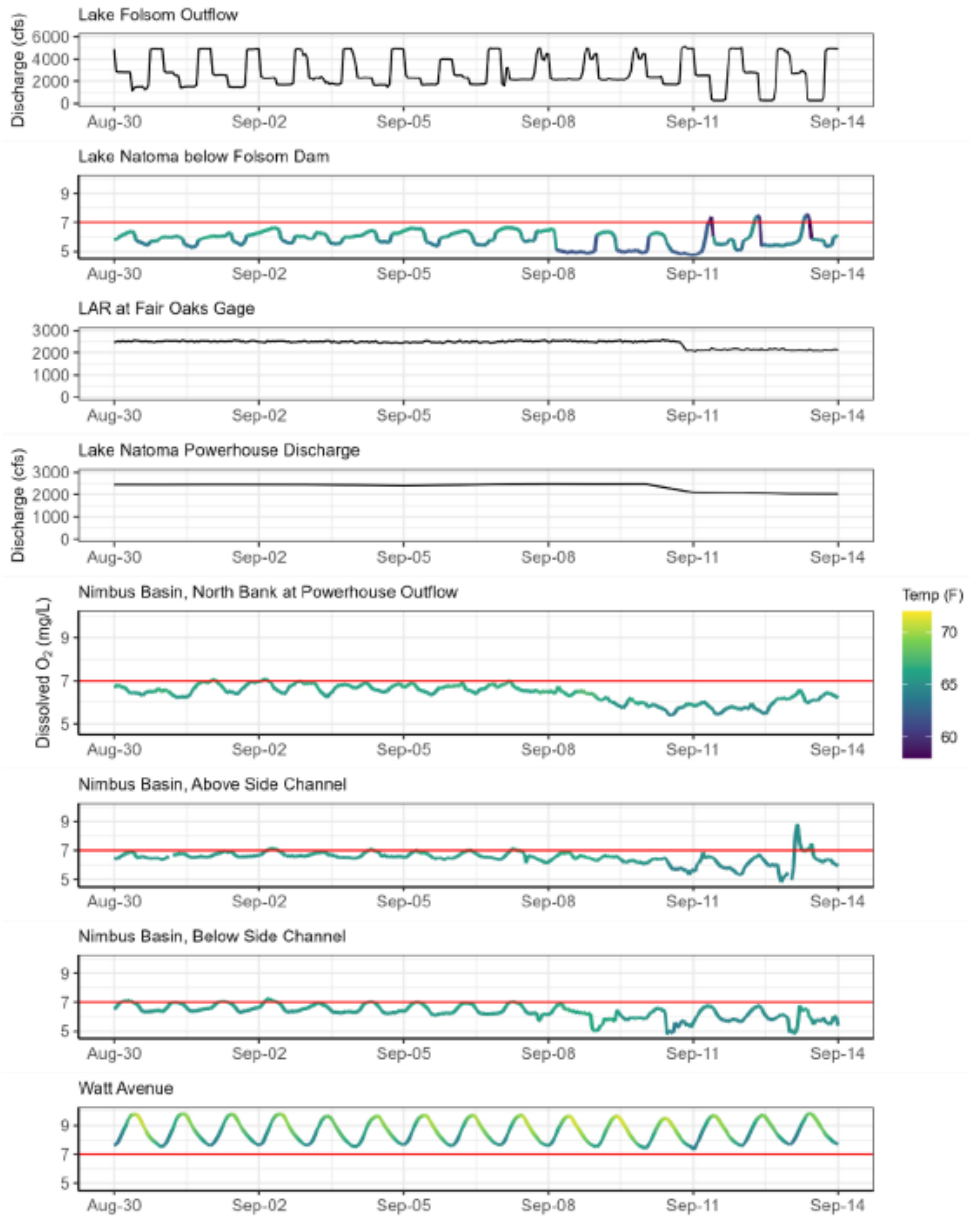


Figure 11. Discharge, temperature and dissolved oxygen dynamics at various locations in the Lower American River during the time when DO transects were conducted. Note the y axes on the four hydrographs are different, to allow changes to be better observed.

Figure 11 presents eight panels showing Lower American River discharge and dissolved oxygen conditions from August 30–September 14, 2026. Lake Folsom outflow oscillates between approximately 1,000–6,000 cfs throughout. Discharge at Lake Natoma below Folsom Dam, LAR at Fair Oaks Gage, and Lake Natoma Powerhouse stays near 2,000–2,500 cfs, with a step decline around September 11. Dissolved oxygen (mg/L, color-coded by temperature °F) at the three Nimbus Basin locations fluctuates near the 7 mg/L threshold, dipping below it at Below Side Channel around September 9–13. Watt Avenue shows pronounced diurnal DO oscillations between approximately 7–9.5 mg/L throughout.

FISHBIO/PSMFC

As of this meeting, FISHBIO and PSMFC are awaiting confirmation for an official start date for Rotary Screw Trap (RST) operations on the Lower American River at Watt Avenue for the 2026/2027 sampling season. The tentative goal is to have the RSTs installed in late October with 5 days per week sampling beginning November 2. Sampling is expected to increase to seven days per week begining in December.

Lower American River RST data for the 2026 sampling season (April-June) is now available through the EDI data portal.

The 2026 draft annual report is currently being prepared and will likely be available within the next one to two months on Calfish.

WY 2026 mid-August ARG Temperature Modeling Update

This updated modeling includes a September 90% operations outlook and an updated Folsom Lake Profile from September 15th. The outlook used for temperature modeling includes an estimate of transfer water, as opposed to the outlook presented as part of the normal ARG handout.

Model runs using meteorological conditions for water years 2001-2020 for the planned ATSP 41 are included. Model runs using 2011, 2014, 2017, and 2020 conditions are highlighted in the summary plots and detailed plots of these runs are also included. Alternative runs may be supplied upon request in future updates. The September 90% outlook used for this modeling through the end of December is included in Table 1. The ATSP 41 Monthly Targets are included in Table 2.

Additional updates will be made in future months with updated Folsom Lake Profiles and operational outlooks.

Table 27. Draft September 90% Operations Outlook through November.

Facility	Sep	Oct	Nov
Folsom Releases (TAF)	125	92	80
Folsom Releases (cfs)	2,100	1,750	1,375
Folsom End-of-Month Storage (TAF)	413	356	317
Folsom End-of-Month Elevation (feet)	405	396	390

Table 28. ATSP 41 Monthly Temperature Targets

Month	Sep	Oct	Nov
Target	68°F	68°F	59°F

ATSP 41 – Summary Plots

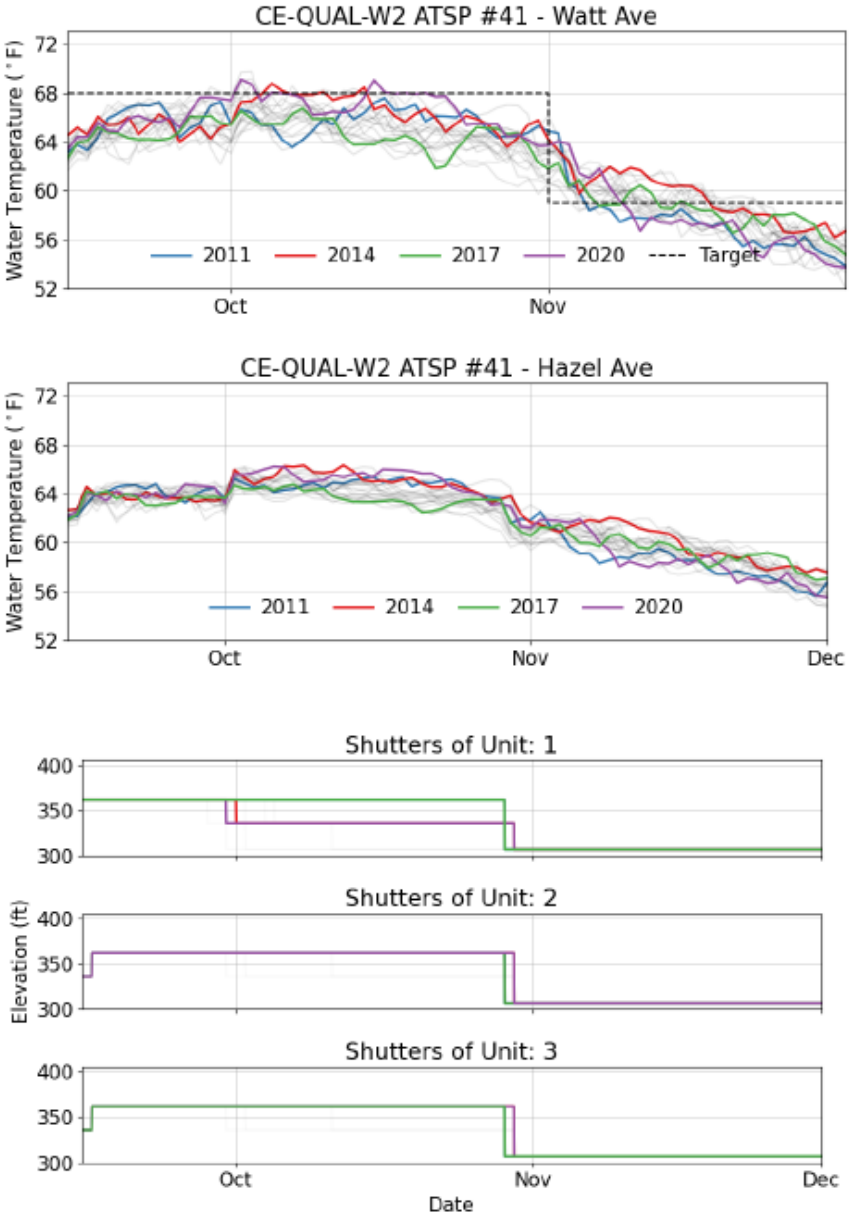


Figure 12. CE-QUAL-W2 ATSP #41 — Watt Avenue and Hazel Avenue Temperatures and Shutter Elevations by Simulation Year

Figure 12 presents five panels for CE-QUAL-W2 ATSP #41, showing modeled Watt Avenue temperatures, Hazel Avenue temperatures, and shutter elevations for Units 1–3 for simulation years 2011, 2014, 2017, and 2020. Watt Avenue temperatures hold near the 68°F target through October, then decline steeply after a target step-down in early November to approximately 52–60°F. Hazel Avenue temperatures track near 60–64°F through October before declining to approximately 56–58°F by December. Shutter elevations for all three units step down from approximately 350–360 ft to near 300–310 ft in late October/early November, reflecting cold water pool management as storage declines.

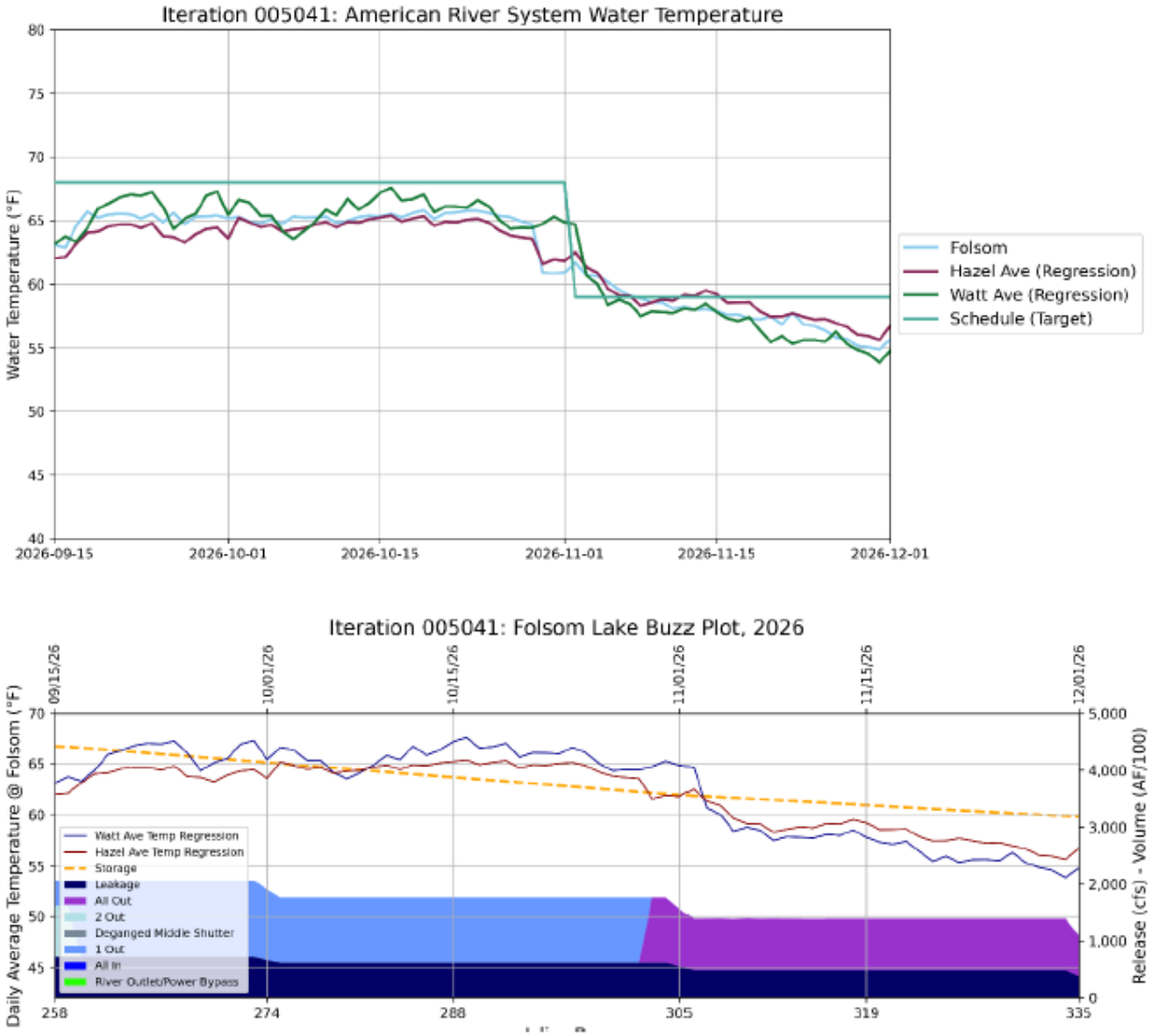


Figure 13. Iteration 005041: American River System Water Temperature and Folsom Lake Buzz Plot, 2026

Figure 13 depicts two panels summarizing CE-QUAL-W2 Iteration 005041 results for 2026. The upper panel shows modeled water temperatures at Folsom, Hazel Avenue, and Watt Avenue against schedule targets, with temperatures holding near the target through October, then declining steeply in late October/early November to approximately 55–62°F, continuing a gradual decline through early December. The lower panel combines temperature regressions with reservoir storage and shutter configuration for Julian days 258–335, showing storage declining steadily through the period as shutter operations hold at "1 Out" through late October, transition to "2 Out" in early November, then to "All Out" from mid-November through the end of the period, with "All In" present throughout at the base of the stack.

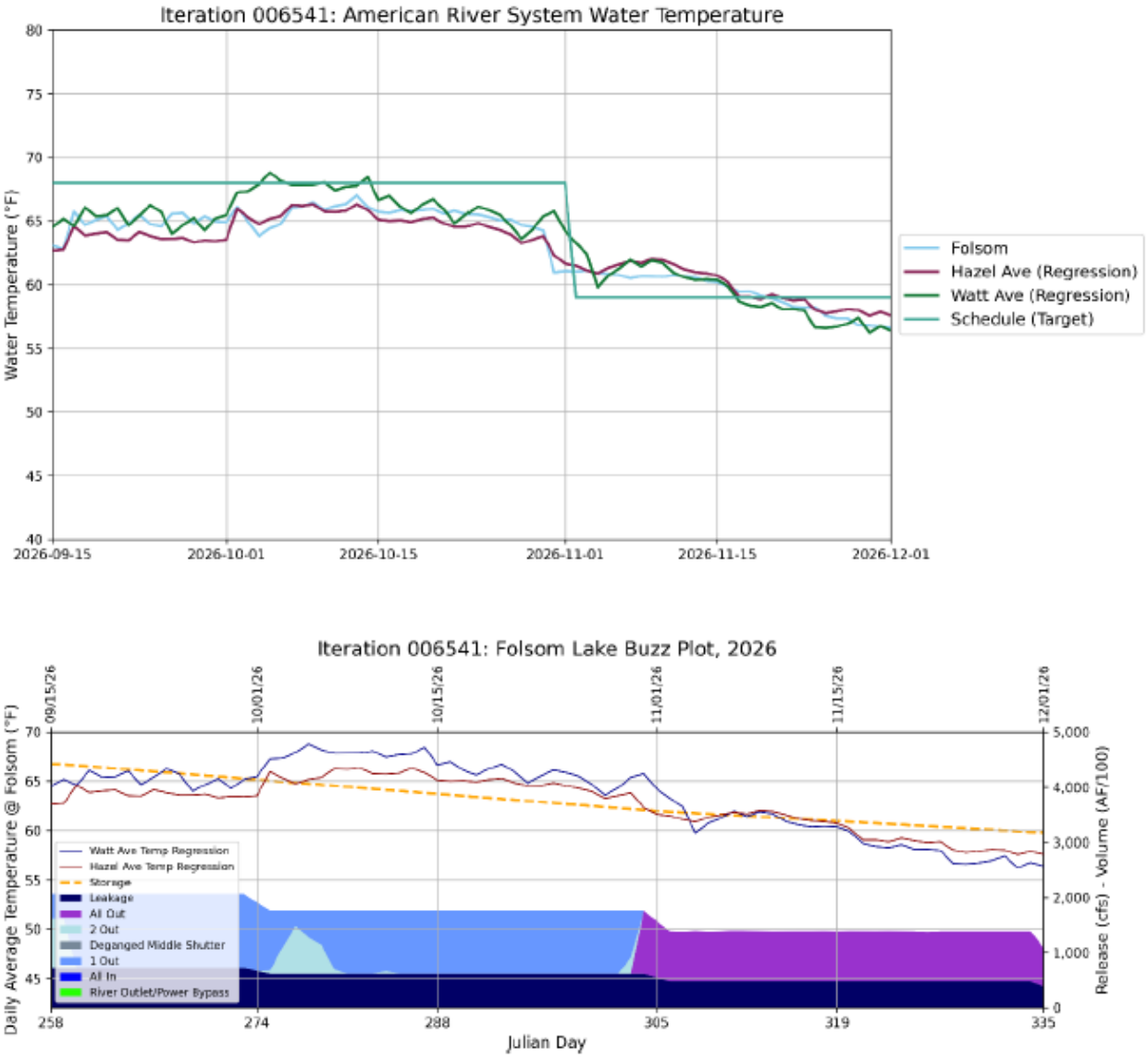


Figure 14. Iteration 006541: American River System Water Temperature and Folsom Lake Buzz Plot, 2026

Figure 14 depicts two panels summarizing CE-QUAL-W2 Iteration 006541 results for 2026. The upper panel shows modeled water temperatures at Folsom, Hazel Avenue, and Watt Avenue against schedule targets, with temperatures holding near the target through October, then declining steeply in late October/early November to approximately 58–62°F, continuing a gradual decline through early December. The lower panel combines temperature regressions with reservoir storage and shutter configuration for Julian days 258–335, showing storage declining steadily through the period as shutter operations hold at "1 Out" through mid-October, transition briefly through "Deganged Middle Shutter" and "2 Out" in late October, then to "All Out" from early November through the end of the period, with "All In" present throughout at the base of the stack.

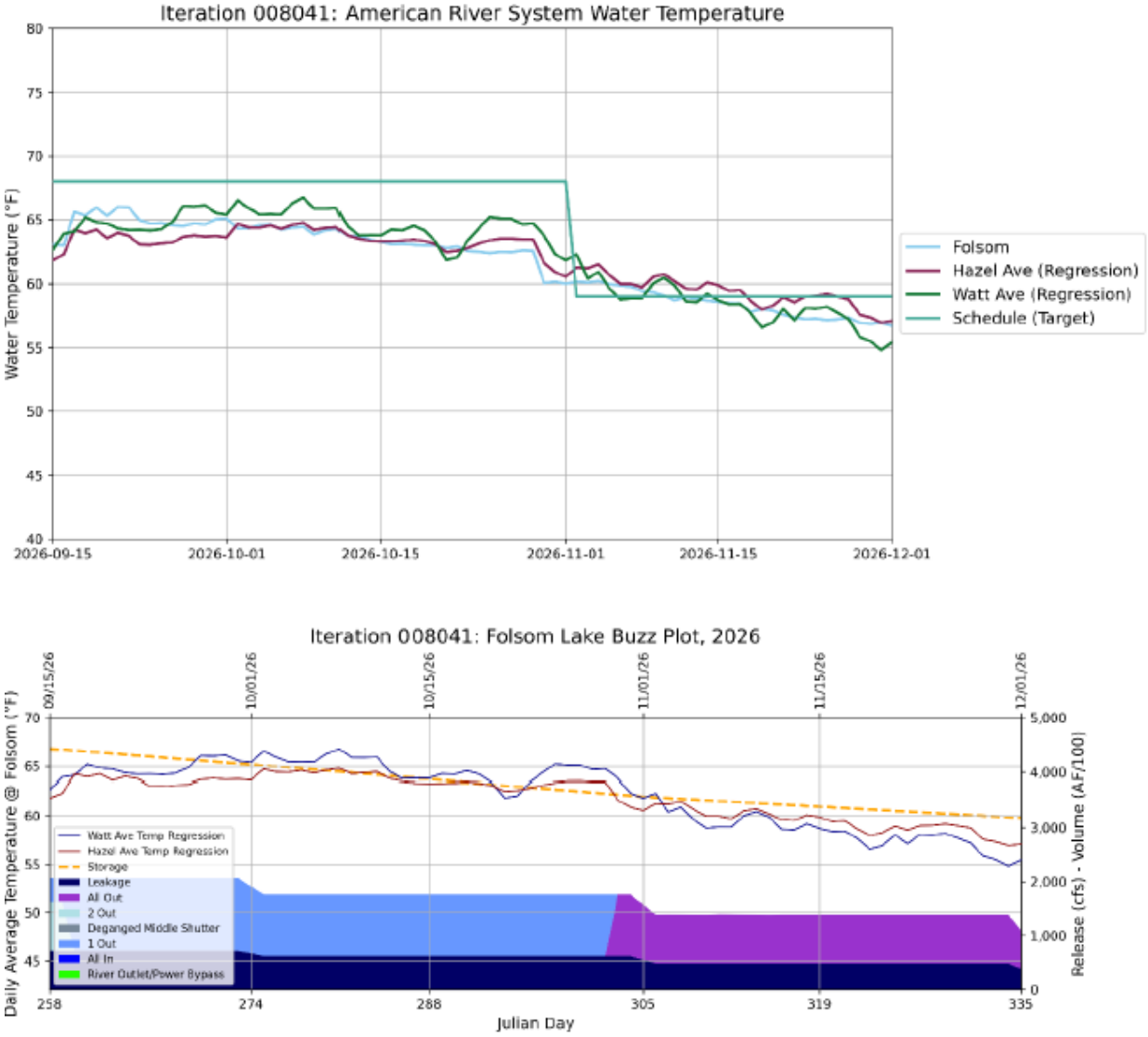


Figure 15. Iteration 008041: American River System Water Temperature and Folsom Lake Buzz Plot, 2026

Figure 15 depicts two panels summarizing CE-QUAL-W2 Iteration 008041 results for 2026. The upper panel shows modeled water temperatures at Folsom, Hazel Avenue, and Watt Avenue against schedule targets, with temperatures holding near the target through October, then declining steeply in late October/early November to approximately 58–60°F, continuing a gradual decline through early December. The lower panel combines temperature regressions with reservoir storage and shutter configuration for Julian days 258–335, showing storage declining steadily through the period as shutter operations hold at "1 Out" through mid-October, transition briefly through "Deganged Middle Shutter" and "2 Out" in late October, then to "All Out" from early November through the end of the period, with "All In" present throughout at the base of the stack.

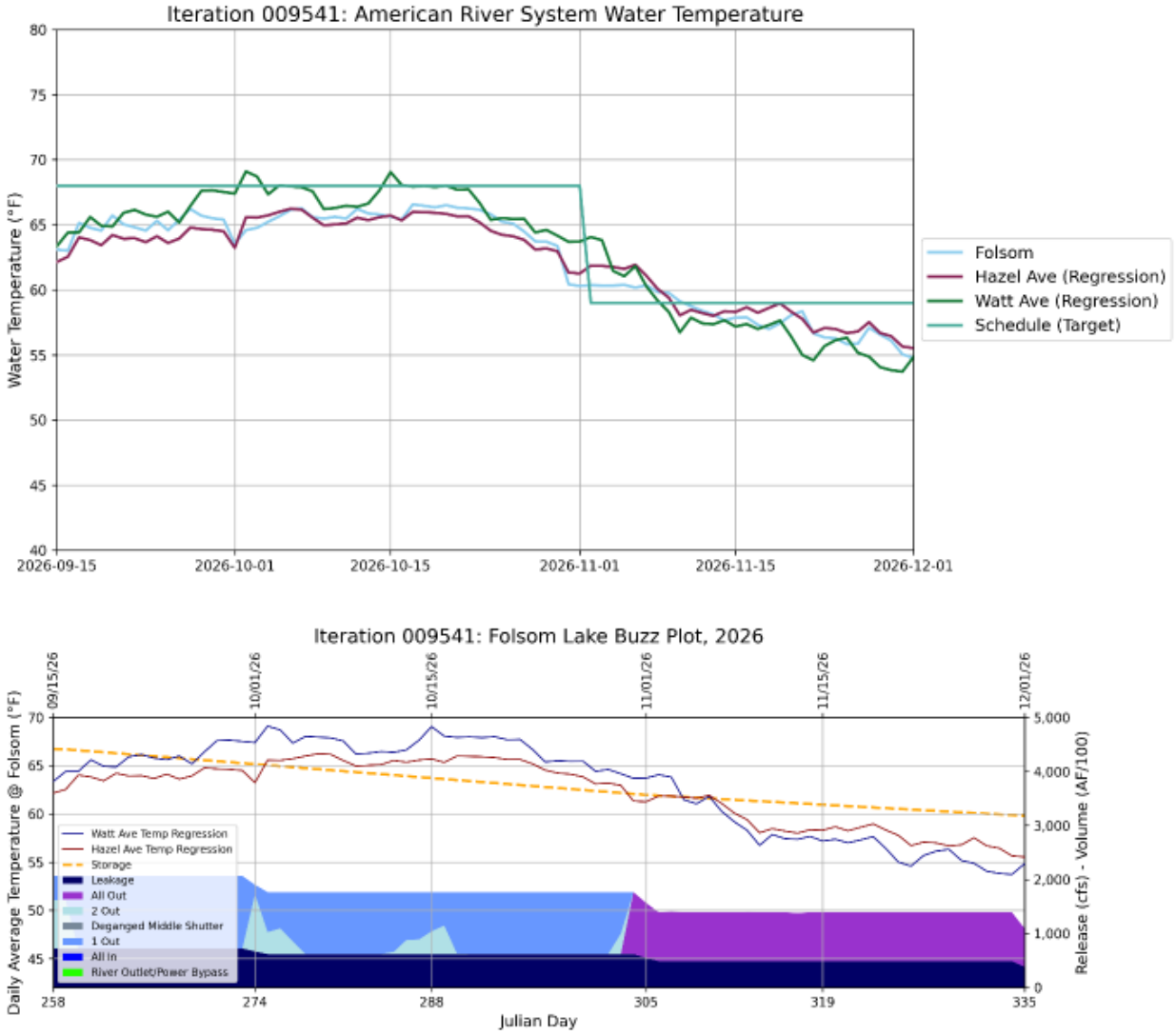


Figure 16. Iteration 009541: American River System Water Temperature and Folsom Lake Buzz Plot, 2026

Figure 16 depicts two panels summarizing CE-QUAL-W2 Iteration 009541 results for 2026. The upper panel shows modeled water temperatures at Folsom, Hazel Avenue, and Watt Avenue against schedule targets, with temperatures holding near the target through October, then declining steeply in late October/early November to approximately 58–63°F, continuing a gradual decline through early December. The lower panel combines temperature regressions with reservoir storage and shutter configuration for Julian days 258–335, showing storage declining steadily through the period as shutter operations hold at "1 Out" through mid-October, transition through "Deganged Middle Shutter" and "2 Out" in late October, then to "All Out" from early November through the end of the period, with "All In" present throughout at the base of the stack.

October Temperature Model Sensitivity

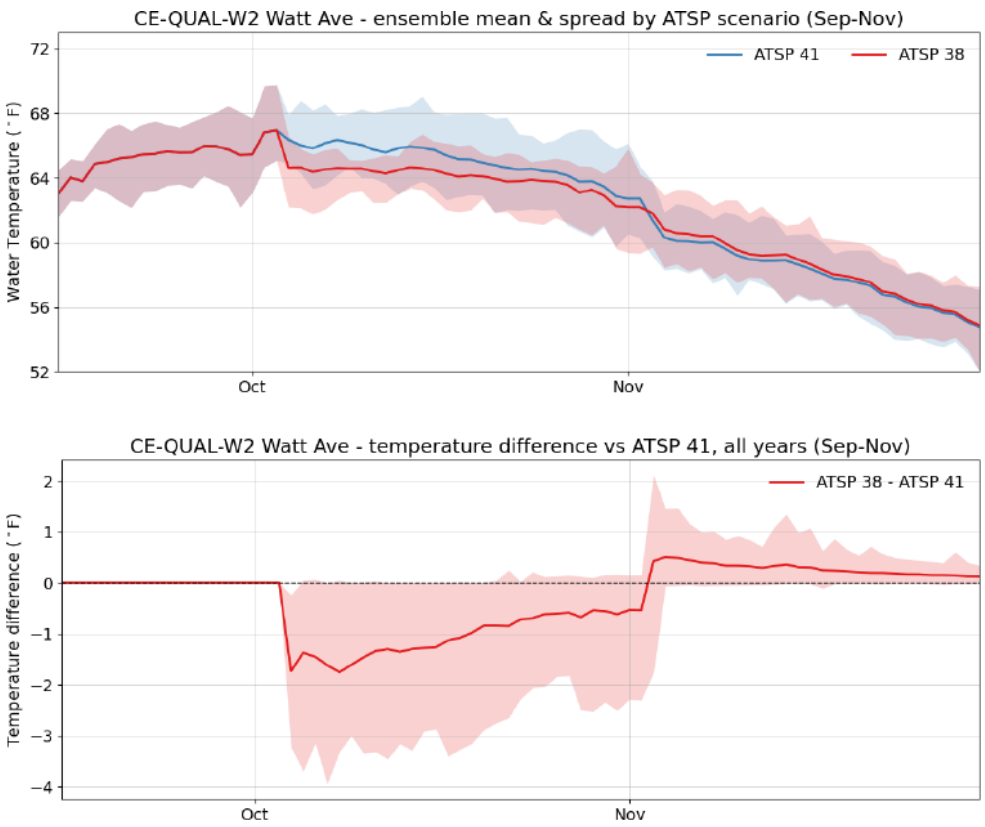


Figure 17. CE-QUAL-W2 Watt Ave – Ensemble Mean & Spread by ATSP Scenario (Sep–Nov)

Figure 17 presents ensemble mean and full spread of ATSP 41 and 38 for 2001–2020 meteorological forcings (top) and the difference of ATSP 38 – ATSP 41 per each meteorology (bottom). The upper panel shows ensemble mean water temperature with shaded spread bands for each scenario; both track closely near 64–67°F through September, with ATSP 38 dipping slightly below ATSP 41 in early-to-mid October before both decline together to approximately 54–55°F by late November. The lower panel shows the temperature difference (ATSP 38 minus ATSP 41) with a shaded spread band; the difference holds near zero through late September, drops to approximately -1.5 to -2°F through October, then rises above zero to approximately 0.3–0.5°F from early November through the end of the period.

Table 29. ATSP 41 and ATSP 38 Monthly Temperature Targets

Month	Target 41	Target 38
Sep	68°F	68°F
Oct	68°F	65°F
Nov	59°F	59°F

2025 Bypass Alternatives

Table 30. Power Bypass Alternatives for 2025, Required Volumes and Flow Schedules

Alternative	Volume required for power bypass (acre feet)	Description
NB	0	No power bypass
PB1	10,163	125 cfs starting October 15, 250 cfs on October 28, 125 cfs on November 7, end bypass on November 14
PB2	32,224	250 cfs starting October 15, 500 cfs on October 28, 250 cfs on November 14, end bypass on November 30
PB2b	40,156	250 cfs starting October 15, 500 cfs on October 28, end bypass on November 30
PB2c	37,181	250 cfs starting October 21, 500 cfs on October 28, end bypass on November 30
PB3	17,351	250 cfs starting October 21, 500 cfs on October 28, 250 cfs on November 7, end bypass on November 14
PB4	20,822	250 cfs starting October 21, 500 cfs on October 28, 250 cfs on November 7, end bypass on November 21
PB5	17,351	500 cfs bypass starting October 28, reduce to 250 on November 7, end bypass on November 21
PB6	30,141	100 cfs October 1, 200 cfs October 8, 300 cfs October 15, 400 cfs October 22, 500 cfs November 1, ending November 14

Table 31. Fall-run Chinook Salmon Abundance, Hydropower Generation Value, and American River Steelhead Rearing Conditions by Bypass Alternative

Alternative	Fall-run Chinook Salmon abundance (adult population index)	Hydropower generation value ($)	American River steelhead (# of days of "optimal" rearing conditions)
NB	17,833	N/A	48.75
PB1	18,428	$111,422	52
PB2	20,146	$370,826	52.5
PB2b	20,702	$470,090	52.5
PB2c	20,925	$433,215	51.25
PB3	18,801	$201,552	51.25
PB4	19,253	$241,590	51.25
PB5	19,011	$199,382	49
PB6	18,953	$348,806	52.75