



— BUREAU OF —
RECLAMATION

American River Group

1:30 PM – 3:30 PM

Conference Line: +1 (321) 209-6143;

Access Code: 596 336 817#

Webinar: Join Microsoft Teams Meeting

Thursday, January 15, 2026

Agenda

1. Introductions
2. Announcements
3. Operations Forecast
 - a. SMUD
 - b. PCWA
4. Central Valley Operations
5. Fisheries Update
 - a. CDFW
 - b. CFS
6. Next Meetings:
 - a. Regular Monthly ARG Meeting – Thursday February 19, 1:30-3:30

SMUD American River Group Update 1/14/2026

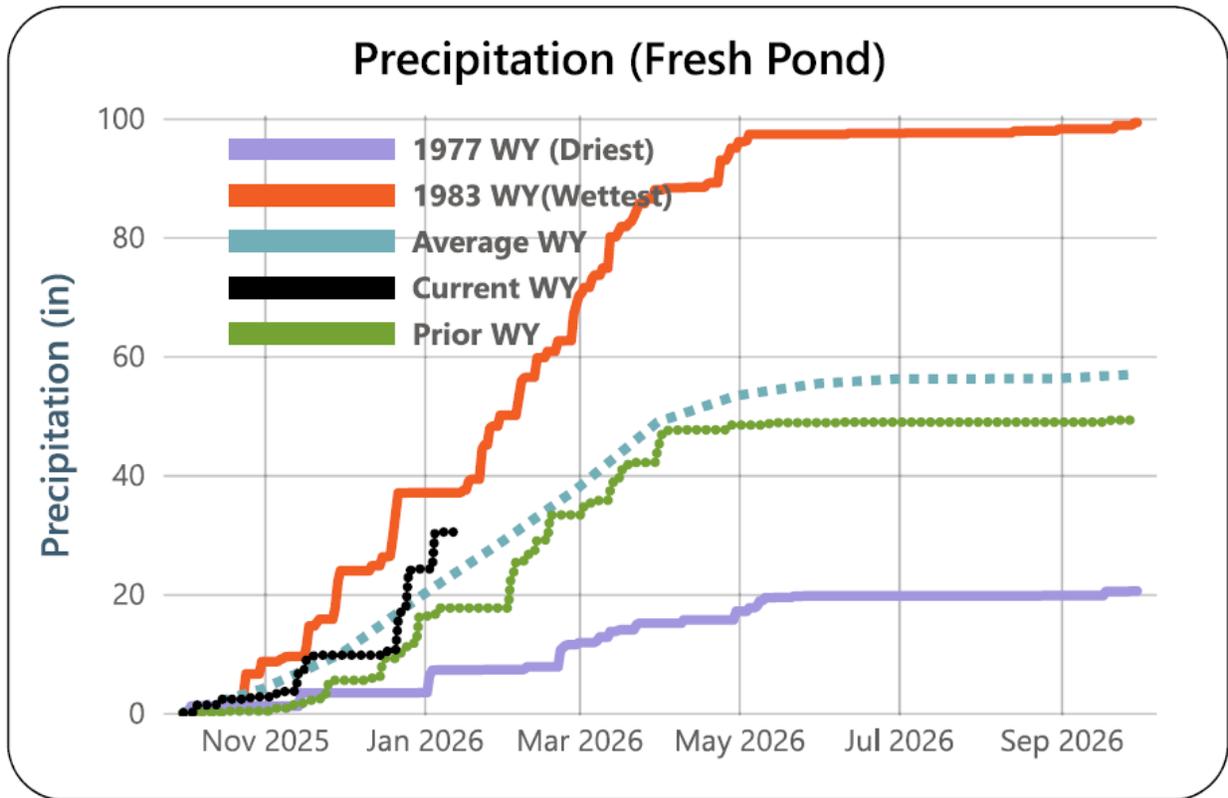


Figure 1. Fresh Pond Precipitation

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 127.3% of the average to date and 53.4% 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	0.00	8.70	0%
March	0.00	11.28	0%
April	0.00	4.46	0%
May	0.00	2.02	0%

Month	Current Water Year	Historical Average	% of Historical Average
June	0.00	0.78	0%
July	0.00	0.04	0%
August	0.00	0.04	0%
September	0.00	0.72	0%
Total	30.40	56.94	53%

* Month to date total, full month historical average.

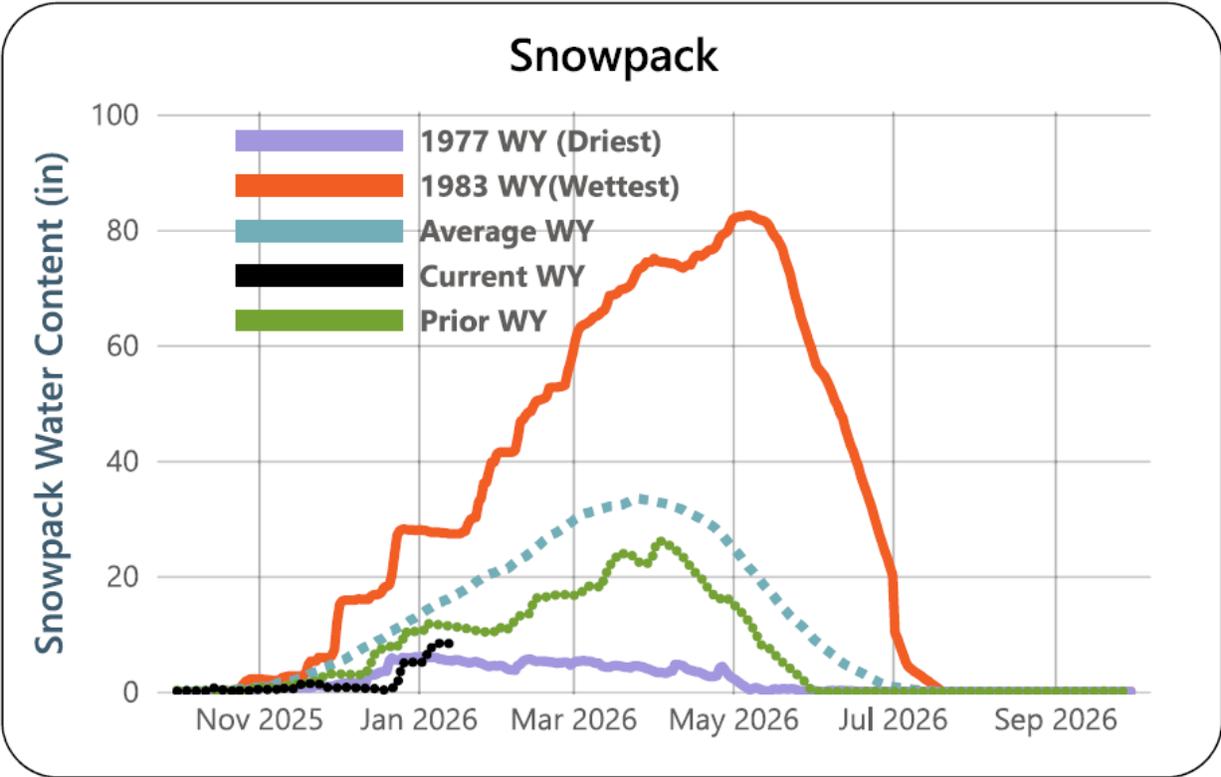


Figure 2. January 14, 2026 snowpack

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 50.5% of average to date and 21.0% of the April 1 average.

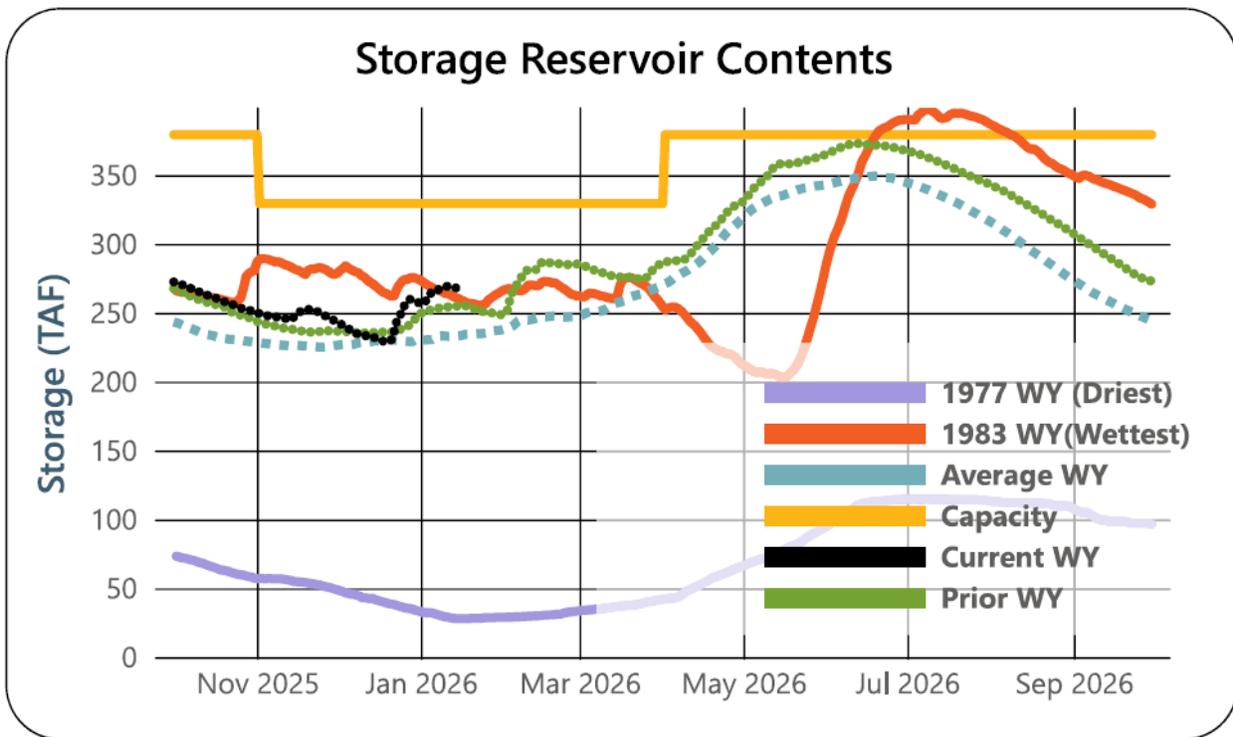


Figure 3. Storage Reservoir Contents

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	48,347	69.8%	49,589	72%	41,301	60%
Ice House Reservoir	43,500	25,888	59.5%	31,681	73%	27,745	64%
Union Valley Reservoir	266,370	193,075	72.5%	173,497	65%	164,291	62%
Total Reservoir Storage	379,180	267,311	70.5%	254,767	67%	233,337	62%

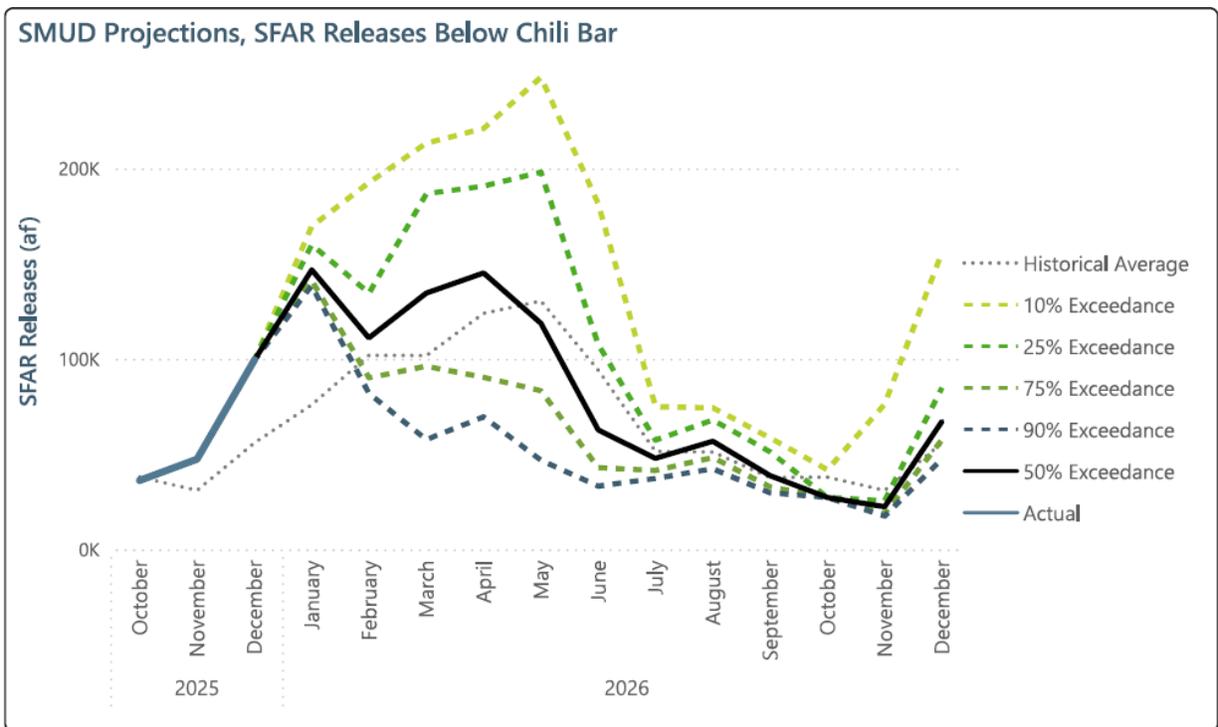


Figure 4. Chili Bar releases into the South Fork American River. Projections based on forecast from January 15th, 2026.

Figure 4 is a line graph of observed and projected releases below Chili Bar from October 2025 to December 2026. The graph includes a last 10-year average, actual prior water year data, 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
Forecast	Jan-26	2,392	146,809	138,389	169,626
Forecast	Feb-26	2,004	111,074	81,867	192,615
Forecast	Mar-26	2,193	134,585	57,659	213,238
Forecast	Apr-26	2,444	145,189	69,595	221,019
Forecast	May-26	1,934	118,698	46,817	247,865
Forecast	Jun-26	1,056	62,711	33,236	181,572
Forecast	Jul-26	779	47,787	37,288	74,890
Forecast	Aug-26	926	56,834	42,339	74,394

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)
Forecast	Sep-26	651	38,688	29,698	58,551
Forecast	Oct-26	444	27,277	27,277	41,808
Forecast	Nov-26	378	22,450	17,471	76,349
Forecast	Dec-26	1,094	67,166	47,630	156,090

PCWA MFP OPERATIONS OVERVIEW for American River Operations Group

(Real Time Data as of January 15, 2026)

- French Meadows Storage = 81,000 AF of 136,405 AF = 60% Capacity
 - MFAR above FM Inflow (R24) = 7-day AVG ~150 cfs
 - 30-day AVG ~340 cfs; Peak = 3,048 cfs
- Hell Hole Storage = 136,000 AF of 207,590 AF = 65% Capacity
 - Five Lakes Inflow (R23) = 7-day AVG ~65 cfs; 30-day AVG 190 cfs; Peak = 1,187 cfs
 - Rubicon Inflow (R22) = 7-day AVG ~110 cfs; 30-day AVG 300 cfs; Peak = 2,682 cfs
- Combined Storage (FM+HH) = 217,000 AF/342,590 AF = 63% Capacity; ~130% of Historical AVG (66'-25')
- MFAR @ R11: 7-day daily average ~1,500 cfs
- NFAR @ ARPS: 7-day daily average ~2,950 cfs
- Combined Carryover Low occurred on 12/19/25 @ 157 TAF
- Combined storage for the last 30 days => +59 TAF
 - December Combined Inflow = 61 TAF
 - January Combined inflow to date = 29 TAF
- Combined storage on 1/15/25 = 149 TAF; 89% of HISTORICAL AVG
- Currently in storage management – awaiting next meteorological signal.

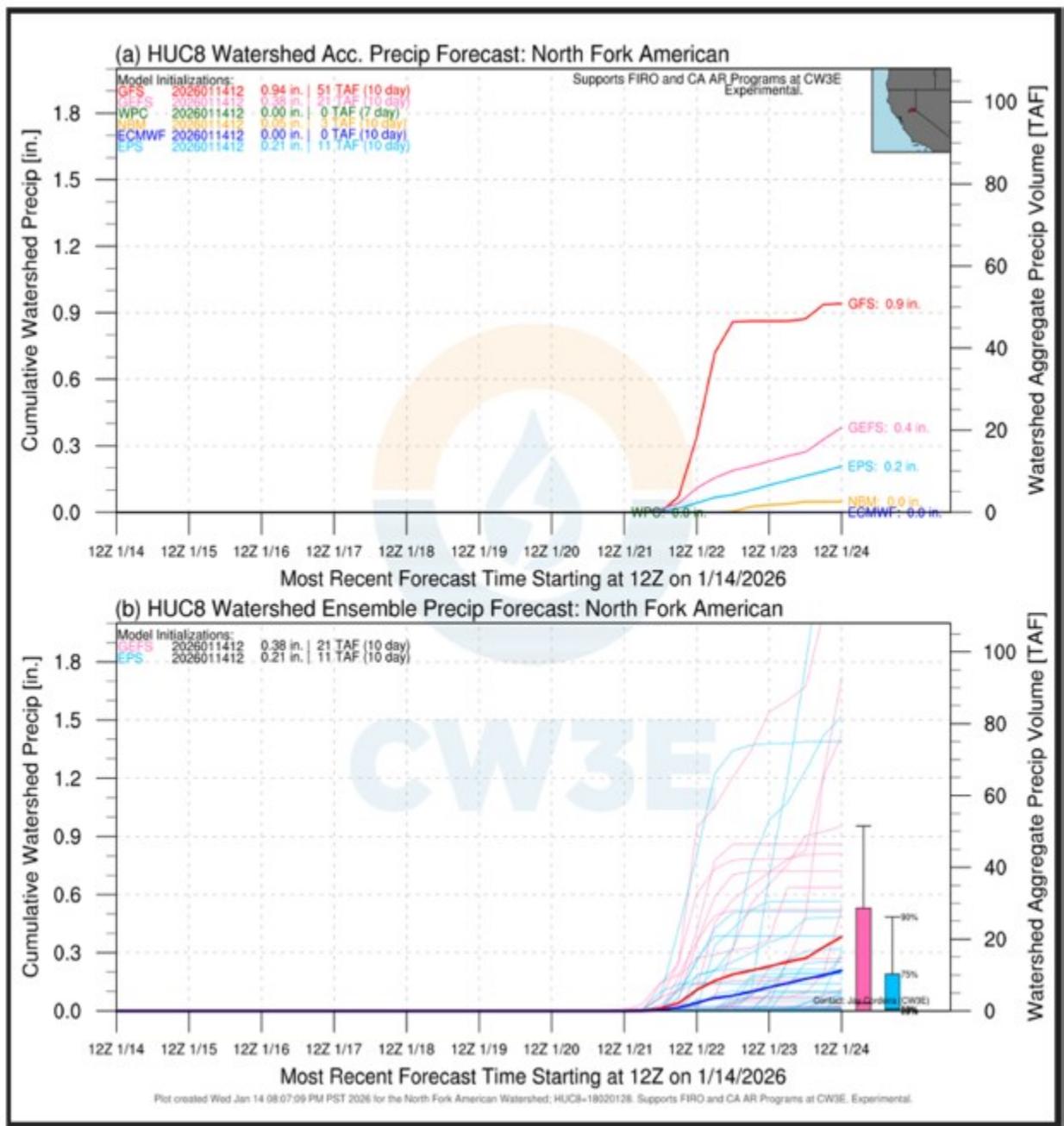


Figure 5. North Fork American River Precipitation Forecast

Figure 5 has two line graphs depicting precipitation forecasts for the North Fork of the American River for the period beginning December 14, 2026. The top graph depicts different HUC8 Watershed Accounting forecasts of watershed aggregate precipitation volume in TAF and cumulative watershed precipitation in inches for model initializations GFS (0.9 inches), GEFS (0.4 inches), EPS (0.2 inches), NBM (0.0 inches), and ECMWF (0.0 inches), shown in different colors. The bottom graph depicts HUC8 Watershed Ensemble forecasts of aggregate precipitation volume in TAF and cumulative watershed precipitation in inches for model initializations GEFS (0.38 inches) and EPS (0.21 inches), shown in different colors. The bottom graph also includes confidence intervals for the ensemble forecasts.

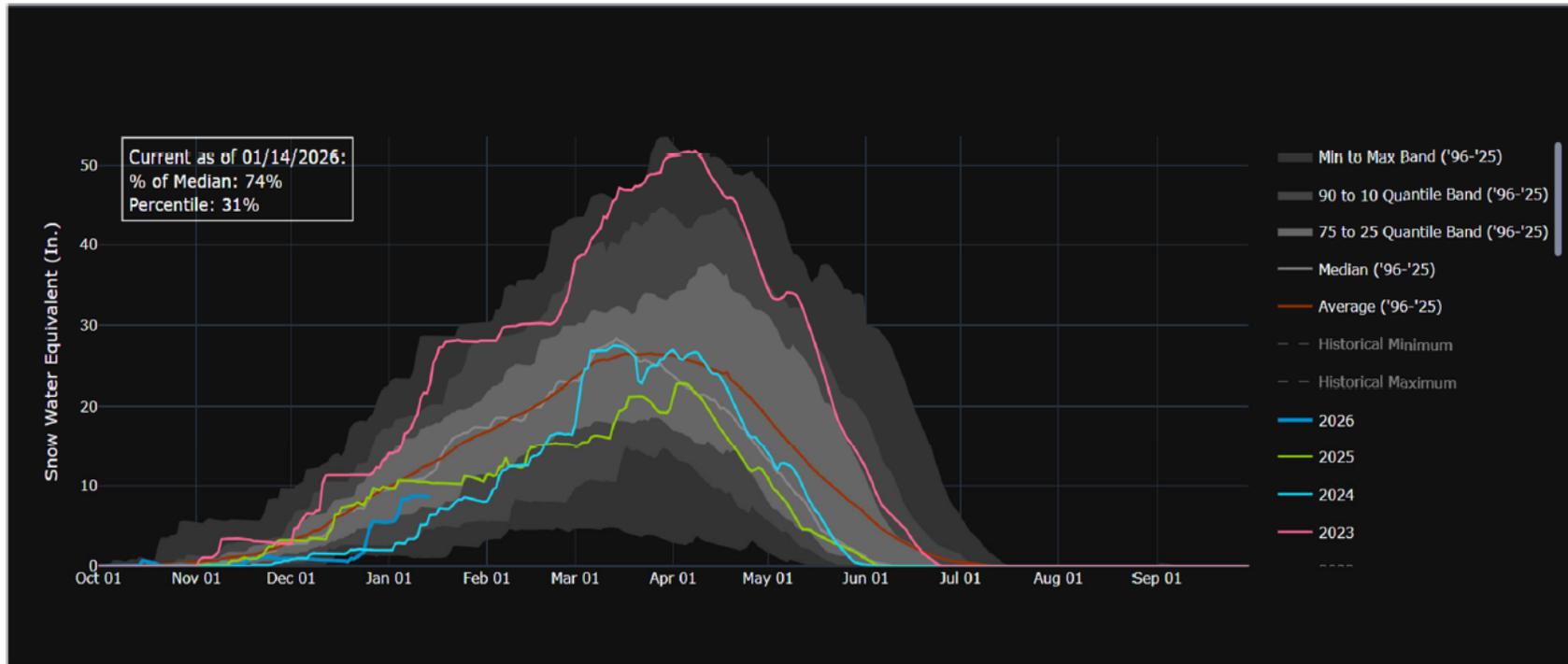


Figure 6. Snow Water Equivalent Compared to Historical Range

Figure 6 displays snow water equivalent (SWE) in inches over the water year compared to the historical range (1996–2025). Shaded bands show the historical minimum–maximum range and the 90–10 and 75–25 percentile bands, with the historical median and average shown for reference. Lines represent recent water years (2023–2026). As of January 14, 2026, SWE is approximately 74% of median (31st percentile), tracking below average but within the historical range.

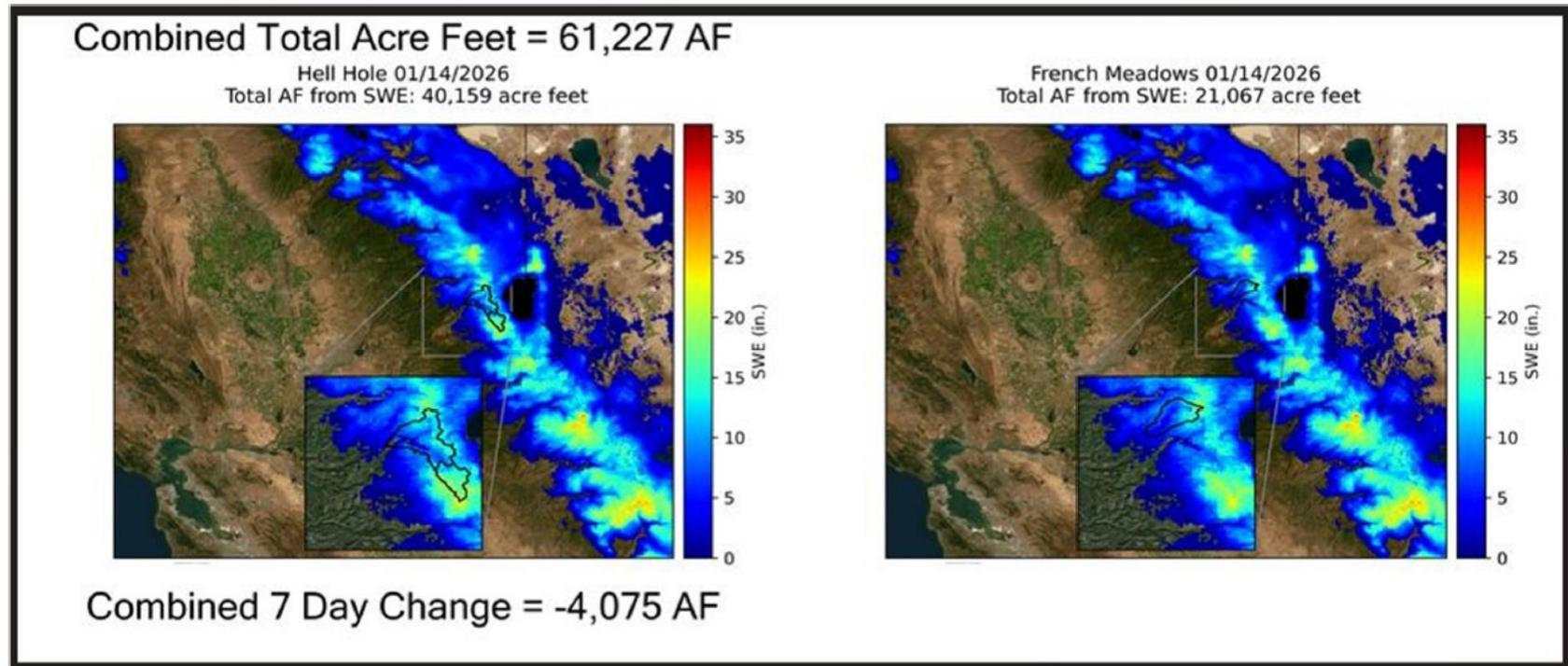


Figure 7. Snow Water Equivalent Contribution to Hell Hole and French Meadows

Figure 7 shows spatial snow water equivalent (SWE, inches) across the contributing basins for Hell Hole and French Meadows as of January 14, 2026. The maps display SWE distribution using a color scale, with higher elevations in the Sierra Nevada showing the greatest SWE. Estimated total runoff potential from SWE is 40,159 acre-feet for Hell Hole and 21,067 acre-feet for French Meadows, for a combined total of 61,227 acre-feet. The combined 7-day change in SWE-derived volume is -4,075 acre-feet, indicating recent net melt or loss.

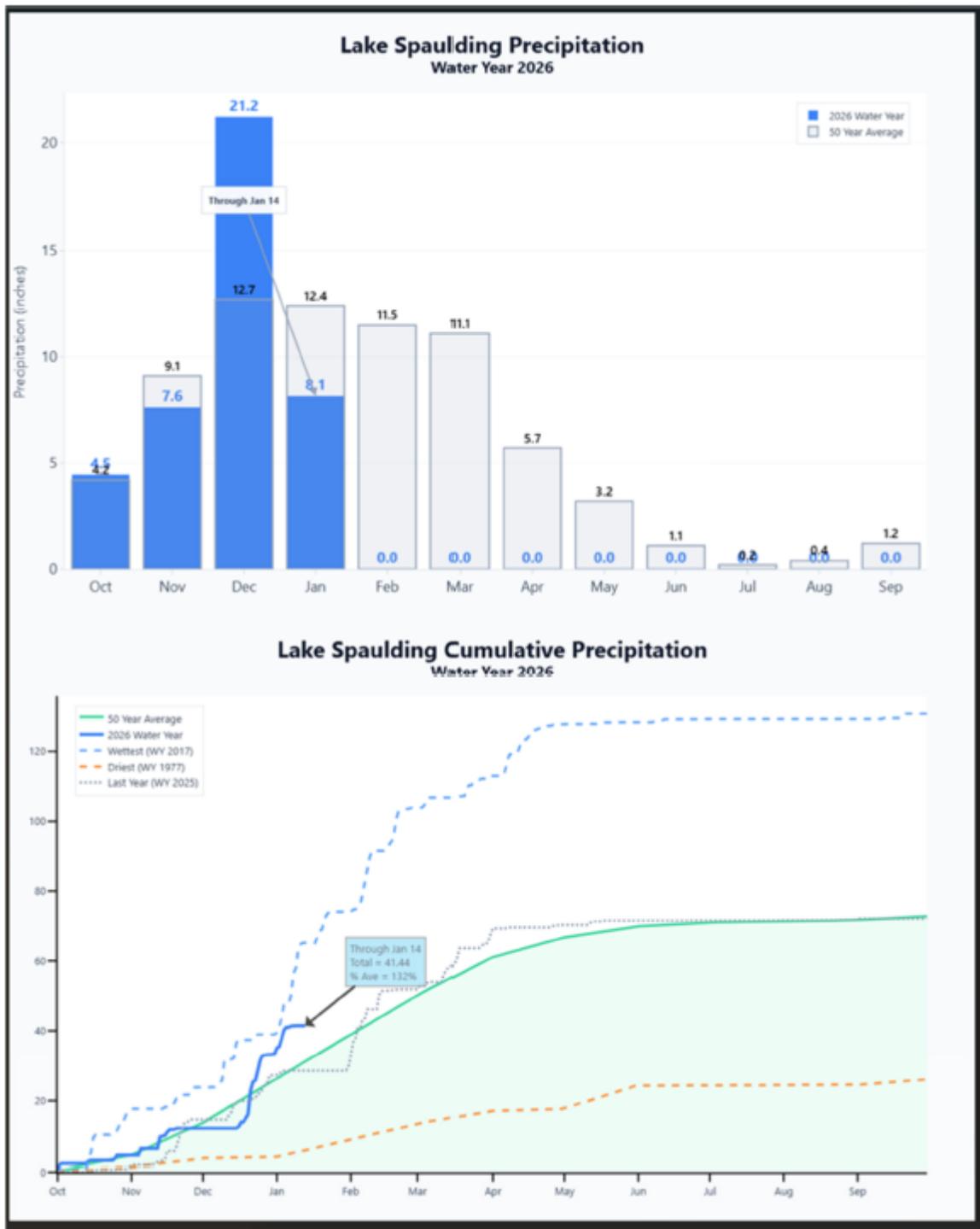


Figure 8. Lake Spaulding Precipitation: Water Year 2026

Figure 8 has two graphs. The first is a bar graph showing total precipitation over time. The second is a line graph comparing the total precipitation with the 50-year average, the 2026 water year, the wettest water year, the driest water year, and the last water year. Totals through January 14th is 41.44 inches and 132% of average.

Table 4. Reservoir Releases in Cubic Feet/Second

Reservoir	Dam	WY 2025	WY 2026	15 Yr Median
Trinity	Lewiston	1,496	3,031	305
Sacramento	Keswick	14,952	14,969	4,305
Feather	Oroville (SWP)	1,750	5,096	1,750
American	Nimbus	1,782	6,229	1,782
Stanislaus	Goodwin	200	207	281
San Joaquin	Friant	425	420	420

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	1,392	1,900	2,064	148
Shasta	4,552	2,701	3,502	3,741	138
Folsom	977	436	369	579	133
New Melones	2,420	1,408	1,864	1,754	125
Fed. San Luis	966	530	590	525	99
Total North CVP	11,363	6,467	8,225	8,663	134
Millerton	521	292	231	396	136
Oroville (SWP)	3,425	1,893	2,497	2,693	142

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	484	34	284	205	237
Shasta	2,110	799	1,648	1,221	173
Folsom	738	130	1,210	497	148
New Melones	214	N/A	424	184	117
Millerton	340	75	588	212	160

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	18.92	4.40	18.99	14.39(-66)	132	0.00
Sacramento at Shasta Dam	45.41	5.34	30.17	25.83(-71)	176	0.00
American at Blue Canyon	35.57	7.61	40.78	27.8(-52)	128	0.00
Stanislaus at New Melones	17.73	N/A	14.53	11.04(-49)	161	0.00
San Joaquin at Huntington Lk	17.83	4.80	29.20	15.54(-53)	115	0.05

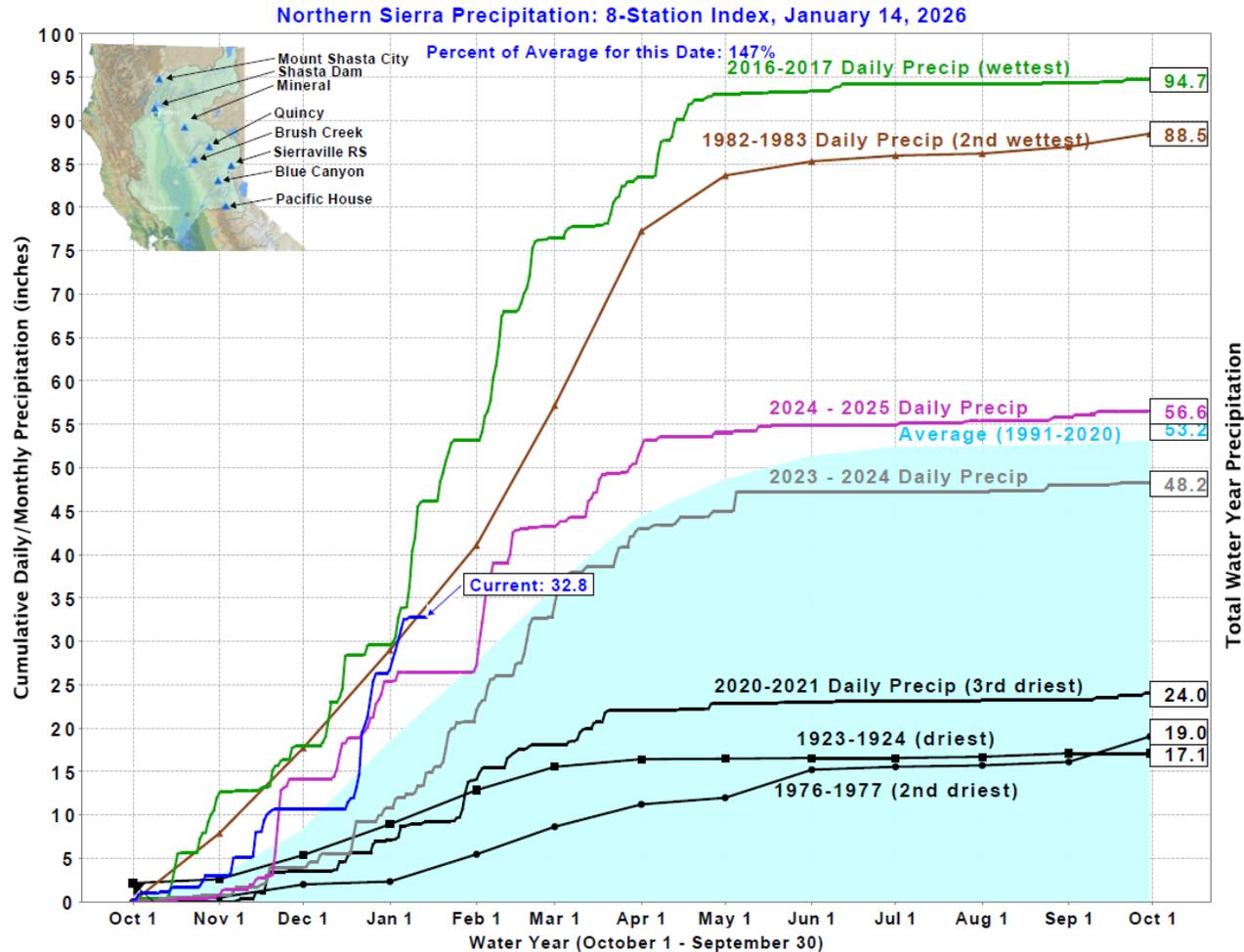


Figure 9. Total and Daily/Monthly Precipitation for Water Year 2026

Figure 9 is a graph depicting total year precipitation and cumulative daily/monthly precipitation in inches. The average for 1991-2020 is shown in shaded blue area (53.2 inches), 2016-2017 daily precipitation is the wettest at 94.7 inches, daily precipitation for 1982-1983 as the 3rd wettest 88.5 inches, 2023-2024 daily precipitation at 48.2 inches, current water year at 10.4 inches, 2024-2025 daily precipitation at 56.6 inches, 2020-2021 daily precipitation at 24.0 inches, 1923-1924 at 17.1 inches, and 1976-1977 at 19.0 inches. Percent of Average for January 14th, 2026 is 147%.



Northern Sierra 8-Station

Precipitation Index for Water Year 2026 – Updated on January 14, 2026 09:48 AM

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

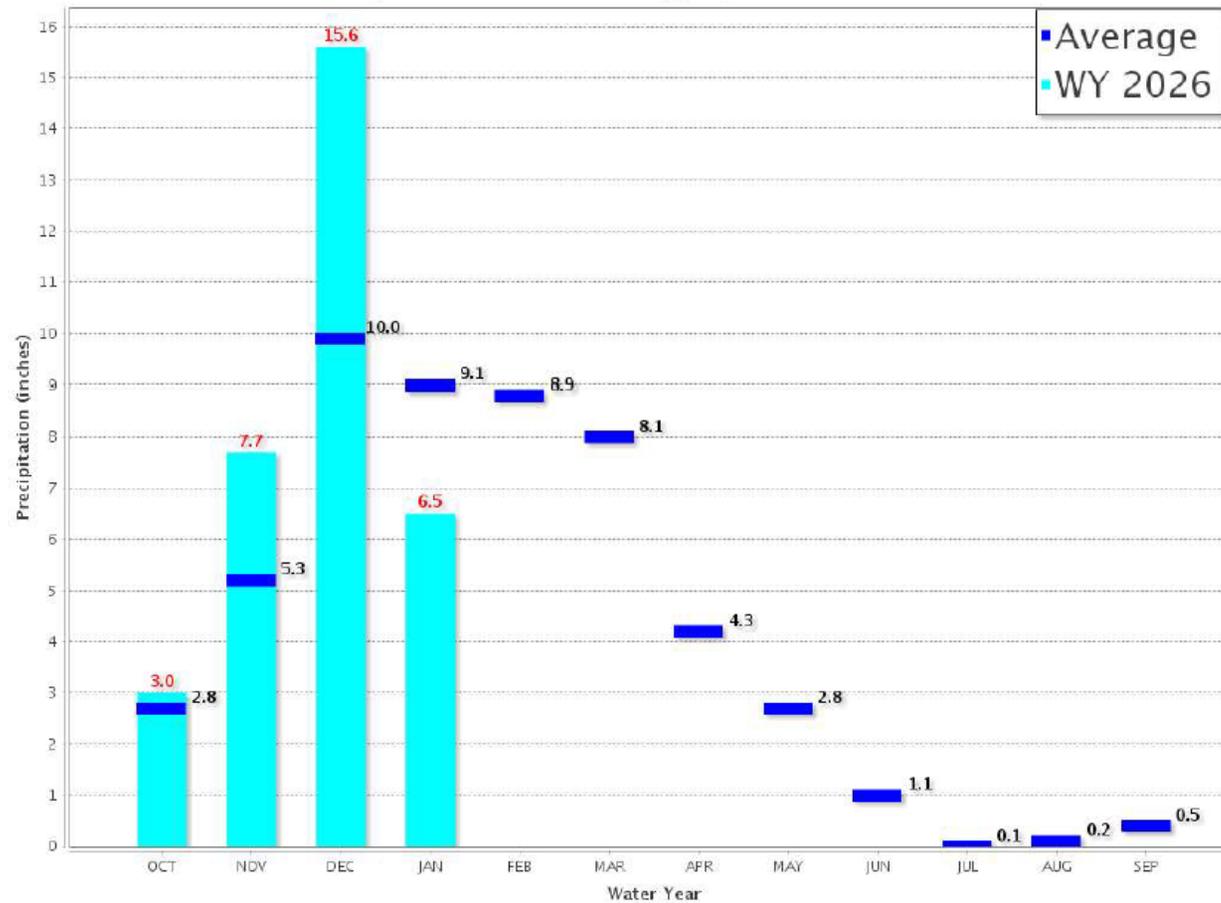


Figure 10. Northern Sierra 8-Station Precipitation Index

Figure 10 displays monthly precipitation totals for Water Year (WY) 2026 compared to the long-term average for the Northern Sierra 8-Station Index. Bars show observed WY 2026 precipitation through January, while markers indicate the historical average by month. The figure shows above-average precipitation in November and December, with October and January closer to typical conditions.

Folsom Dam & Lake - American River Basin
WY 2026 | Generated: 2026-01-14T09:06:11-0800

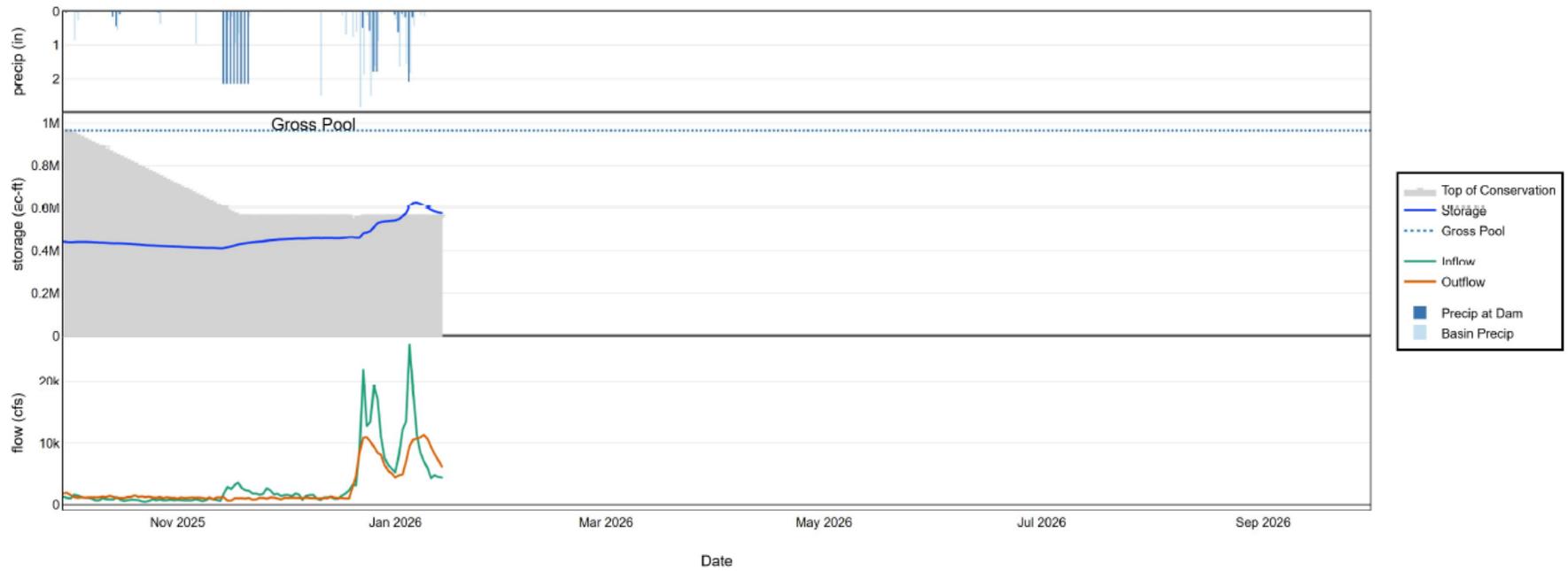


Figure 11. Folsom Dam and Lake Flow, Storage, and Precipitation Totals

Figure 11 is a graph that compares the flow, storage, and precipitation over time for the American River Basin.

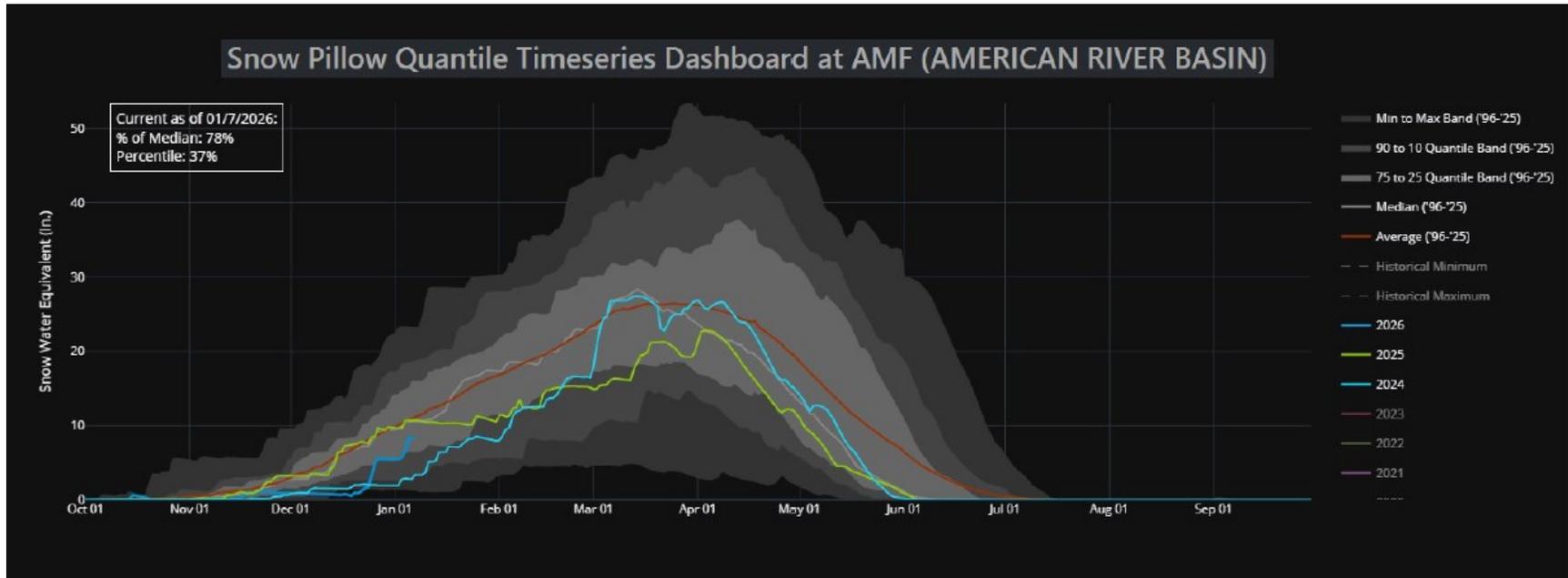


Figure 12. Snow Pillow Quantile Timeseries Dashboard at AMF (American River Basin)

Figure 12 displays snow water equivalent (SWE) for the American River Basin compared to the historical range (1996–2025). Shaded bands show the historical minimum–maximum range and the 90–10 and 75–25 percentile bands, with the historical median and average shown for reference. Lines represent recent water years. As of January 7, 2026, basin SWE is approximately 78% of median (37th percentile).

Table 8. December 2025 | Folsom Lake Daily Operations | Run Date: 1/14/2026

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	455.9	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
1	410.94	456.8	1.0	1,659	1,084	2	0	75	8	0.03	0.00
2	411.00	457.3	0.4	1,430	1,123	0	0	73	8	0.03	0.00
3	411.18	458.7	1.4	1,878	1,101	0	0	76	15	0.06	0.00
4	411.32	459.7	1.1	1,700	1,085	0	0	77	5	0.02	0.00
5	411.25	459.2	-0.5	857	1,052	0	0	69	3	0.01	0.00
6	411.32	459.7	0.5	1,482	1,143	0	0	67	5	0.02	0.00
7	411.45	460.7	1.0	1,636	1,053	18	0	70	0	0.00	0.00
8	411.59	461.8	1.1	1,659	1,051	0	0	72	3	0.01	0.00
9	411.59	461.8	0.0	1,087	1,013	0	0	69	5	0.02	0.00
10	411.53	461.3	-0.5	857	1,017	0	0	65	3	0.01	0.00
11	411.55	461.5	0.2	1,218	1,076	0	0	63	3	0.01	0.00
12	411.58	461.7	0.2	1,238	1,056	0	0	65	3	0.01	0.00
13	411.56	461.5	-0.2	1,318	1,319	0	0	72	3	0.01	0.00
14	411.52	461.2	-0.3	1,020	1,095	0	0	74	3	0.01	0.00
15	411.49	461.0	-0.2	1,036	1,077	1	0	69	3	0.01	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	411.58	461.7	0.7	1,517	1,111	0	0	60	3	0.01	0.00
17	411.78	463.2	1.5	1,836	1,012	0	0	59	3	0.01	0.00
18	412.13	465.8	2.7	2,140	1,010	0	0	59	3	0.01	0.00
19	122.31	466.5	0.7	3,272	2,860	0	0	63	3	0.01	0.00
20	121.48	463.6	-3.0	3,220	4,645	2	0	64	3	0.01	0.00
21	122.73	464.2	0.6	8,970	4,882	3,714	0	66	3	0.01	0.00
22	122.85	485.9	21.8	21,921	4,693	6,182	0	69	0	0.00	0.49
23	122.80	489.5	3.6	12,809	4,591	6,335	0	68	3	0.01	0.02
24	121.75	495.8	6.3	13,483	4,777	4,048	1,421	69	0	0.00	0.58
25	122.57	515.3	19.5	19,285	4,426	0	4,964	70	0	0.00	1.78
26	122.59	532.7	17.4	17,229	4,709	0	3,692	72	0	0.00	1.78
27	124.14	538.4	5.7	11,015	4,209	0	3,854	71	8	0.03	0.00
28	124.06	540.7	2.3	7,668	4,508	0	1,908	71	8	0.03	0.00
29	123.52	542.6	1.9	6,506	4,688	4	770	75	6	0.02	0.00
30	123.76	544.0	1.4	5,862	4,581	0	489	72	8	0.03	0.01
31	123.31	545.7	1.7	5,320	4,240	0	164	74	0	0.00	0.10
Totals	N/A	N/A	90.0	162,398	77,287	20,306	17,262	2,138	121	0.44	4.76
Acre- Feet	N/A	N/A	90,000	322,116	153,299	40,277	34,239	4,241	240	N/A	N/A

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

Summary: Release (acre-feet)

Power	153,299
Spill	40,277
Outlet	34,239
Pumping Plant	4,241
Total Releases	232,056

Summary: Precipitation (Month/Inches)

This month	4.76
October 1, 2025 to date	22.64

Table 9. January 2026 | Folsom Lake Daily Operations | Run Date: 1/14/2026

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	545.7	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
1	422.92	552.2	6.5	8,136	4,748	22	0	70	0	0.00	0.62
2	424.62	566.7	14.4	12,248	4,911	0	0	69	0	0.00	0.07
3	426.12	579.5	12.9	13,577	4,940	0	2,068	70	0	0.00	0.18
4	429.83	612.1	32.6	26,006	4,942	3,258	1,298	74	0	0.00	2.09
5	431.48	627.0	14.8	18,091	4,917	5,631	0	74	0	0.00	0.18
6	431.61	628.1	1.2	11,414	4,918	5,797	0	74	33	0.11	0.00
7	431.07	623.2	-4.9	8,531	5,215	5,685	0	76	15	0.05	0.00
8	430.12	614.7	-8.5	7,142	4,016	7,316	0	76	30	0.10	0.00
9	429.06	605.3	-9.4	5,999	4,431	6,219	0	77	30	0.10	0.00
10	427.92	595.2	-10.1	4,364	4,786	4,556	0	78	15	0.05	0.00
11	427.14	588.4	-6.8	4,871	4,936	3,281	0	78	17	0.06	0.00
12	426.51	582.9	-5.5	4,573	4,945	2,298	0	80	12	0.04	0.00
13	426.11	579.5	-3.5	4,481	4,603	1,539	0	77	12	0.04	0.00
Totals	N/A	N/A	33.7	129,433	62,308	45,602	3,366	973	164	0.55	3.14
Acre-Feet	N/A	N/A	33,700	256,730	123,588	90,452	6,676	1,930	325	N/A	N/A

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

Summary: Release (acre-feet)

Power	123,588
Spill	90,452
Outlet	6,676
Pumping Plant	1,930
Total Releases	222,646

Summary: Precipitation (Month/Inches)

This month	3.14
October 1, 2025 to date	25.78

Table 10. December 2025 | Lake Natoma Daily Operations | Run Date: 1/10/2026

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	7,436	N/A	N/A	N/A	N/A	N/A	N/A	N/A
1	122.33	7,490	54	1,121	30	954	0	110	0
2	122.56	7,593	103	1,141	21	958	0	110	0
3	122.82	7,710	117	1,121	5	946	0	110	1
4	122.96	7,773	63	1,105	0	872	91	110	0
5	122.87	7,733	-40	1,077	0	735	252	110	0
6	123.04	7,810	77	1,147	6	738	254	110	0
7	122.95	7,769	-41	1,089	18	729	253	110	0
8	122.84	7,719	-50	1,080	25	719	251	110	0
9	122.59	7,607	-112	1,047	25	719	249	110	0
10	122.39	7,517	-90	1,060	25	719	251	110	0
11	122.38	7,512	-5	1,102	25	724	246	110	0
12	122.37	7,508	-4	1,087	25	708	246	110	0
13	123.26	7,913	405	1,293	25	705	249	110	0
14	123.35	7,956	43	1,108	18	702	256	110	0
15	123.36	7,960	4	1,091	10	784	185	110	0
16	123.45	8,003	43	1,144	4	1,008	0	110	0

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	123.24	7,904	-99	1,083	0	1,023	0	110	0
18	122.89	7,742	-162	1,086	0	1,058	0	110	0
19	122.31	7,481	-261	2,849	0	2,513	358	110	0
20	121.48	7,123	-358	4,545	0	4,615	0	110	0
21	122.73	7,670	547	8,319	0	4,605	3,328	110	0
22	122.85	7,724	54	10,935	0	4,603	6,195	110	0
23	122.80	7,701	-23	10,987	0	4,606	6,283	110	0
24	121.75	7,236	-465	9,808	0	4,416	5,516	110	0
25	122.57	7,598	362	9,299	0	4,540	4,466	110	0
26	122.59	7,607	9	8,052	0	4,599	3,338	110	0
27	124.14	8,331	724	7,535	0	4,597	2,463	110	0
28	124.06	8,291	-40	6,235	0	4,630	1,515	110	0
29	123.52	8,035	-256	5,362	0	4,637	744	110	0
30	123.76	8,148	113	4,988	0	3,743	1,078	110	0
31	123.31	7,937	-211	4,409	0	4,405	0	110	0
Totals	N/A	N/A	501	113,305	262	71,310	38,067	3,410	1
Acre-Feet	N/A	N/A	501	224,740	520	141,443	75,506	6,764	2

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

(1) Evaporation records taken from Folsom Pan.

Summary: Release (acre-feet)

Power	141,443
Spill	75,506
Folsom South Canal	520
Hatchery	6,764
Total Releases	224,233

Table 11. January 2026 | Lake Natoma Daily Operations | Run Date: 1/14/2026

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	7,937	N/A	N/A	N/A	N/A	N/A	N/A	N/A
1	123.22	7,894	-43	4,807	0	4,397	322	110	0
2	122.73	7,670	-224	4,879	0	4,403	479	110	0
3	122.88	7,737	67	6,901	0	4,405	2,352	110	0
4	123.37	7,965	228	9,969	0	4,402	5,342	110	0
5	122.37	7,508	-457	10,703	0	4,401	6,422	110	0
6	121.58	7,165	-343	10,692	0	4,407	6,347	110	1
7	121.18	6,997	-168	10,880	0	4,407	6,447	110	1
8	122.59	7,607	610	11,414	0	4,405	6,590	110	1
9	122.72	7,665	58	10,732	0	4,416	6,176	110	1
10	123.34	7,951	286	9,349	0	4,416	4,678	110	1
11	123.36	7,960	9	8,125	0	4,411	3,598	110	1
12	123.62	8,082	122	7,138	0	4,429	2,536	110	1
13	123.09	7,833	-249	6,104	0	4,456	1,663	110	1
Totals	N/A	N/A	-104	111,693	0	57,355	52,952	1,430	8
Acre-Feet	N/A	N/A	-104	221,543	0	113,764	105,030	2,836	16

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

(1) Evaporation records taken from Folsom Pan.

Summary: Release (acre-feet)

Power	113,764
Spill	105,030
Folsom South Canal	0
Hatchery	2,836
Total Releases	221,630

Table 12. Isobath 12/18–1/13 (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
12/18	51.0	48.4	54.0	53.4	53.9	54.2	53.1	1168	466	B66	B1	B33
12/19	51.0	48.6	53.8	53.6	54.0	54.2	53.7	4725	464	B50	B0	B50
12/20	51.0	49.5	54.2	53.7	54.0	54.3	55.9	8043	464	B50	B0	B50
12/21	51.0	49.5	54.2	53.7	54.0	54.3	59.4	8043	464	B50	B0	B50
12/22	51.4	51.1	54.5	54.2	54.6	54.7	57.0	10908	486	B50	B0	B50
12/23	50.6	50.9	54.4	54.3	54.6	54.8	56.4	10999	490	B50	B0	B50
12/24	50.3	51.1	53.7	53.9	54.4	54.7	58.0	10042	496	B50	B0	B50
12/25	49.4	51.4	53.4	53.2	53.7	53.9	54.8	9116	515	B50	B0	B50
12/26	49.1	50.5	53.3	53.1	53.4	53.5	52.5	8047	533	B51	B0	B49
12/27	48.8	49.1	52.8	52.8	53.1	53.2	46.1	7170	538	B50	B0	B50
12/28	47.6	47.1	52.3	52.2	52.4	52.5	41.5	6255	541	B51	B0	B49
12/29	46.6	45.8	51.9	51.5	51.7	51.7	38.6	5491	543	B50	B0	B49
12/30	46.5	45.0	51.6	51.0	51.2	51.1	42.4	4931	544	B50	B0	B50
12/31	46.6	45.1	51.1	51.0	51.2	51.2	45.1	4515	546	B49	B0	B50
01/01	47.6	46.8	50.8	50.9	51.4	51.6	50.4	4829	552	B50	B0	B50
01/02	49.0	48.4	50.5	50.9	51.5	51.8	57.5	4992	567	B50	B0	B50
01/03	49.1	50.2	50.2	50.6	51.3	51.7	56.5	6867	580	B50	B0	B50
01/04	49.1	50.7	51.1	50.4	50.8	51.0	52.5	9854	612	B49	B0	B50

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
01/05	48.5	50.6	51.5	51.6	51.9	51.9	53.1	10933	627	B50	B0	B50
01/06	49.0	49.0	51.6	51.6	52.0	52.2	51.4	10864	628	B50	B0	B50
01/07	48.7	47.0	51.4	51.5	51.9	52.1	52.1	10964	623	B50	B0	B50
01/08	48.2	46.3	51.5	51.0	51.3	51.5	47.5	11105	615	T63	T0	T37
01/09	46.1	44.6	51.6	51.3	51.4	51.6	44.3	10702	605	T45	T0	T55
01/10	45.1	44.2	51.5	51.2	51.4	51.6	42.2	9123	595	T49	T0	T51
01/11	45.0	44.1	51.2	51.1	51.3	51.6	43.2	8119	588	T50	T0	T50
01/12	45.1	43.0	51.0	50.8	51.1	#	42.9	7075	583	T50	T0	T50
01/13	44.9	42.7	50.8	50.7	51.0	#	42.9	6229	579	T50	T0	T50
N/A	N/A	N/A	N/A	N/A	N/A	N/A	Total AF	418726	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, including generation, bypass, and spill.

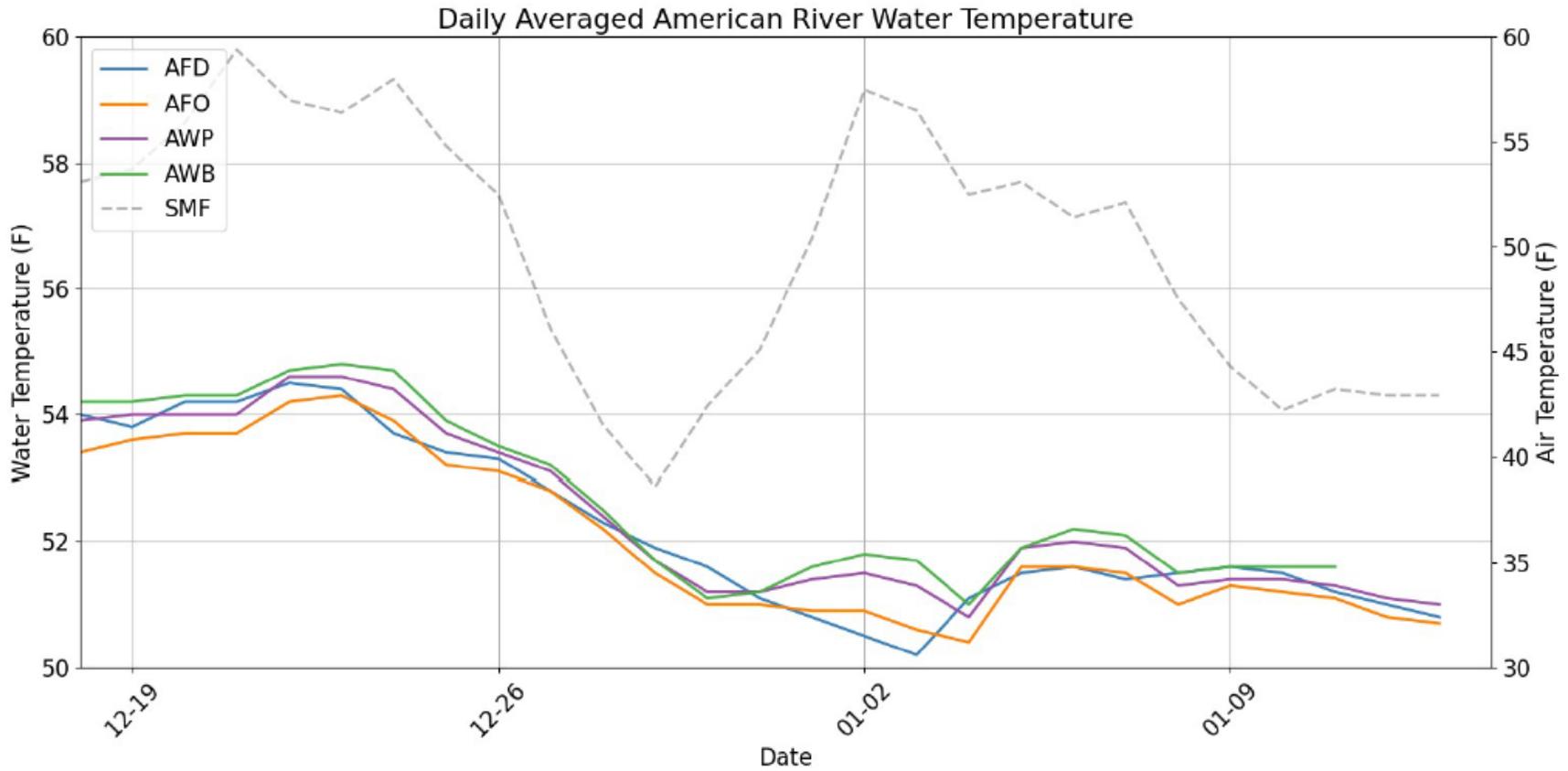


Figure 13. American River Daily Average Water and Air Temperatures

Figure 13 is a line graph comparing daily average water and air temperatures for days of the month (generalized). Temperatures from the AFD sensor is shown in light blue, AFO sensor in orange, AWP in green, AWB in red, and Sacramento International Airport in dotted gray. The target is indicated with a dotted red line.

Folsom Lake Isothermobaths Plot - 2025

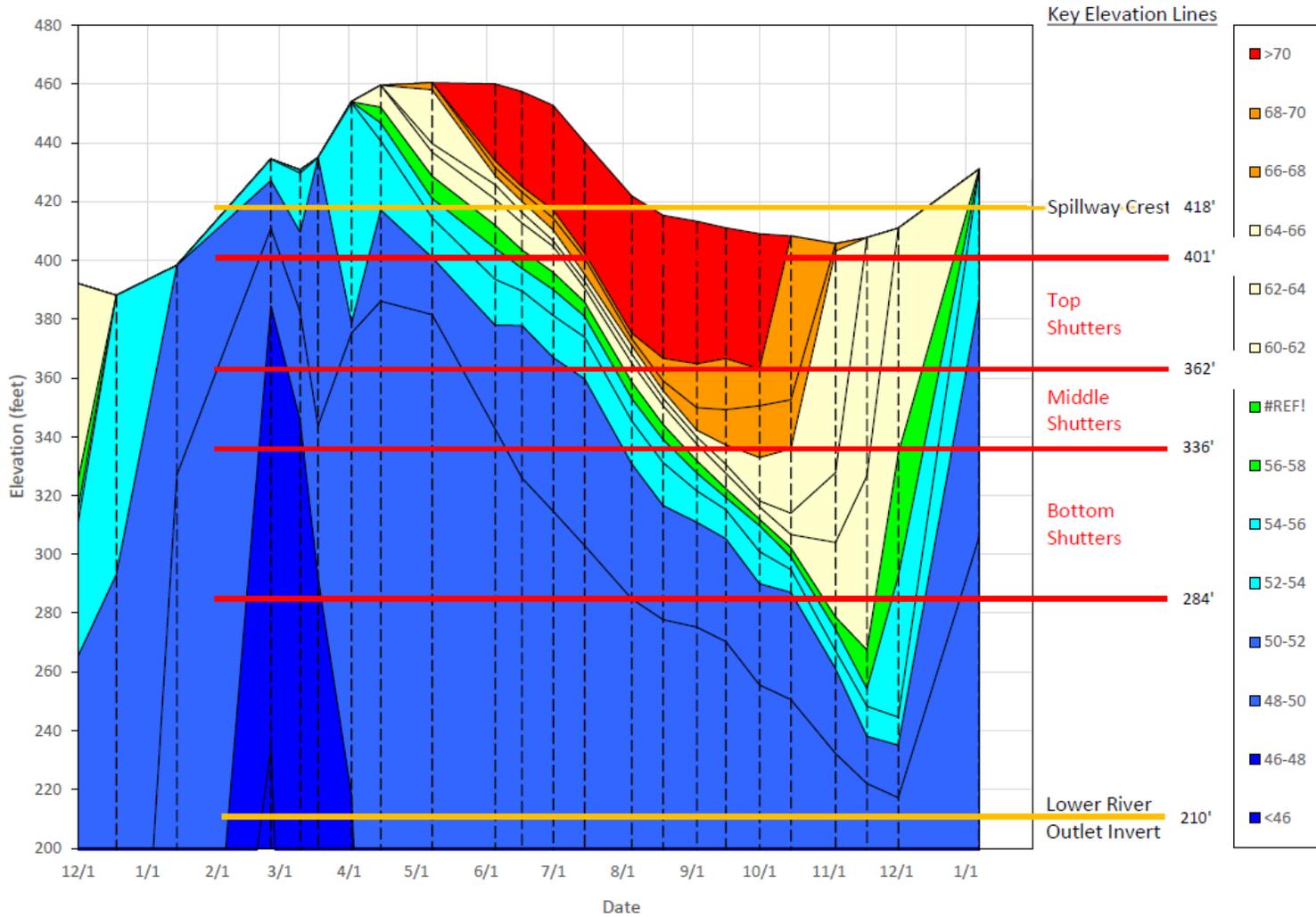


Figure 14. Isobath Plot 12/01 – 01/01

Figure 14 is an isobath Plot for December 2025 – January 2027 showing Spillway Crest, Top Shutters, Middle Shutters, Bottom Shutters, and Lower River Outlet Invert.

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)	RDPA-based MRR for fall-run Chinook salmon (applicable in Jan and Feb)	RDPA-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)	355 ⁴	13.4 (SRI)	1,750	992	NA	992	NA
February	Feb ARI (90% exceedance)	NA	NA	NA	NA	NA	NA	NA
March	March ARI (90% exceedance)	NA	NA	NA	NA	NA	NA	NA
April	April ARI (90% exceedance)	NA	NA	NA	NA	NA	NA	NA
May	May ARI (90% exceedance)	NA	NA	NA	NA	NA	NA	NA
June	May ARI ³ (90% exceedance)	NA	NA	NA	NA	NA	NA	NA
July	May ARI ³ (90% exceedance)	NA	NA	NA	NA	NA	NA	NA
August	May ARI ³ (90% exceedance)	NA	NA	NA	NA	NA	NA	NA
September	May ARI ³ (90% exceedance)	NA	NA	NA	NA	NA	NA	NA

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)	NA	NA	NA	NA	NA	NA	NA
November	May ARI ³ (90% exceedance)	NA	NA	NA	NA	NA	NA	NA
December	May ARI ³ (90% exceedance)	NA	NA	NA	NA	NA	NA	NA

1 Cumulative flood management releases

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 as of 01/14/26

90% exceedance starting January 2025 (2024 ROD)

MRR=Minimum Release Requirement

RDPA=Redd Dewatering Protective Adjustment

ARI=American River Index

SRI=Sacramento River Index

NA = Not Applicable

Fall-Run Chinook Salmon Carcass Survey

Presented by Jenny O'Brien, CDFW, 916-282-8710, jennifer.obrien@wildlife.ca.gov

Table 15. Preliminary count of Chinook Salmon carcasses processed during the 2025 lower American River escapement survey. Sub-sampling (1/2) occurred in weeks 6-8.

Survey Period	Dates	Nimbus Basin	Section 1A	Section 1B	Section 2	Section 3	Total Carcasses Processed
1	Oct. 14-16, 2025	1	25	0	4	0	30
2	October 20-24, 2025	0	8	6	3	1	18
3	October 27-30, 2025	7	26	6	4	1	44
4	November 3, 4, 6, 7, 2025	21	89	117	19	5	251
5	November 10-12, 14, 2025	78	719	525	439	Not Surveyed	1761
6	November 17-21, 2025	64	813	659	606	92	2234
7	November 22, 24-26, 2025	157	1246	859	1086	Not Surveyed	3348
8	December 1-5, 2025	195	1504	942	1214	611	4466
9	December 8-12, 2025	299	2286	1170	1435	291	5481
10	December 15-18, 2025	92	327	203	182	104	908
N/A	Totals	914	7043	4487	4992	1105	18,541
N/A	N/A	5%	38%	24%	27%	6%	N/A

Table 16. Preliminary egg retention status of female carcasses by survey period during the 2025 lower American River Chinook salmon escapement survey. Unspawned females retained >70% of eggs, partially spawned females retained 30-70% of eggs and spawned females

Survey Period	Dates	Unspawned	Partial	Spawned	Total
1	October 14-16, 2025	3	1	0	4
2	October 20-24, 2025	6	0	1	7
3	October 27-30, 2025	3	2	6	11
4	November 3, 4, 6, 7, 2025	13	20	35	68
5	November 10-12, 14, 2025	24	39	237	300
6	November 17-21, 2025	38	21	128	187
7	November 22, 24-26, 2025	25	25	80	130
8	December 1-5, 2025	22	8	42	72
9	December 8-12, 2025	0	0	32	32
10	December 15-18, 2025	0	0	10	10
N/A	Total	134	116	571	821
N/A	%	16.3%	14.1%	69.5%	N/A

NIMBUS FISH HATCHERY

Presented by Emily Fisher, CDFW, 916-272-4113, emily.fisher@wildlife.ca.gov

- Approximately 233,000 BY 2025 steelhead being released beginning today at Sunrise Boat Launch
 - 233,000 released November 10th and 12th
- 361,800 green eggs estimated to have been collected at this point
 - To-date goal of 402,000
 - 90% of goal

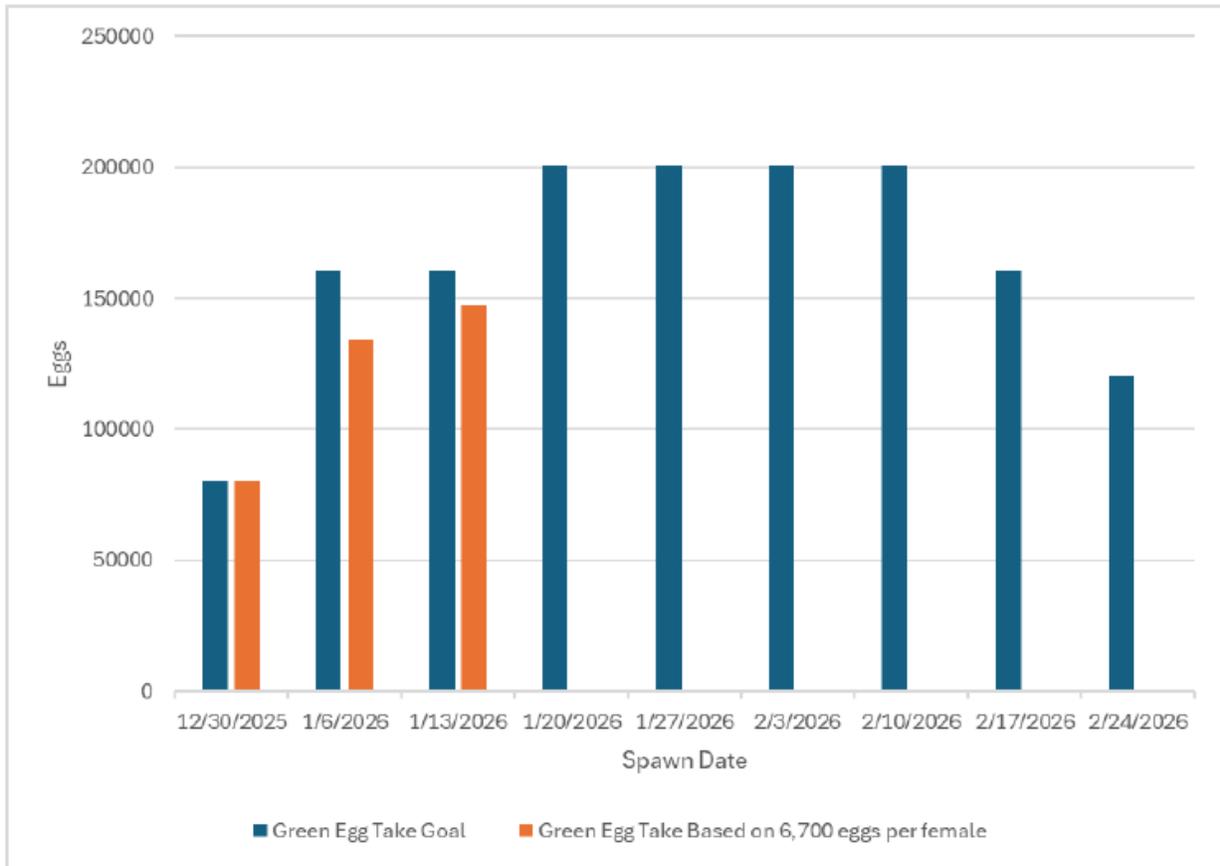


Figure 15. Graph of green eggs collected at Nimbus Fish Hatchery compared to the green egg collection goal for BY 2026 steelhead. Egg collection estimate is based on a historical average of 6,700 eggs per female.

Figure 15 displays the green egg take goal compared to the estimated egg take (based on 6,700 eggs per female) by spawn date from late December 2025 through February 2026. Bars show the established take goal and the estimated number of eggs collected for each date. The figure indicates that estimated egg take met or approached the goal in late December and early January.



Lower American River Monitoring

Dissolved Oxygen Monitoring

Dissolved oxygen loggers were removed ahead of the flow increase on 19 December 2025. The loggers will be re-installed this week pending flow reductions.

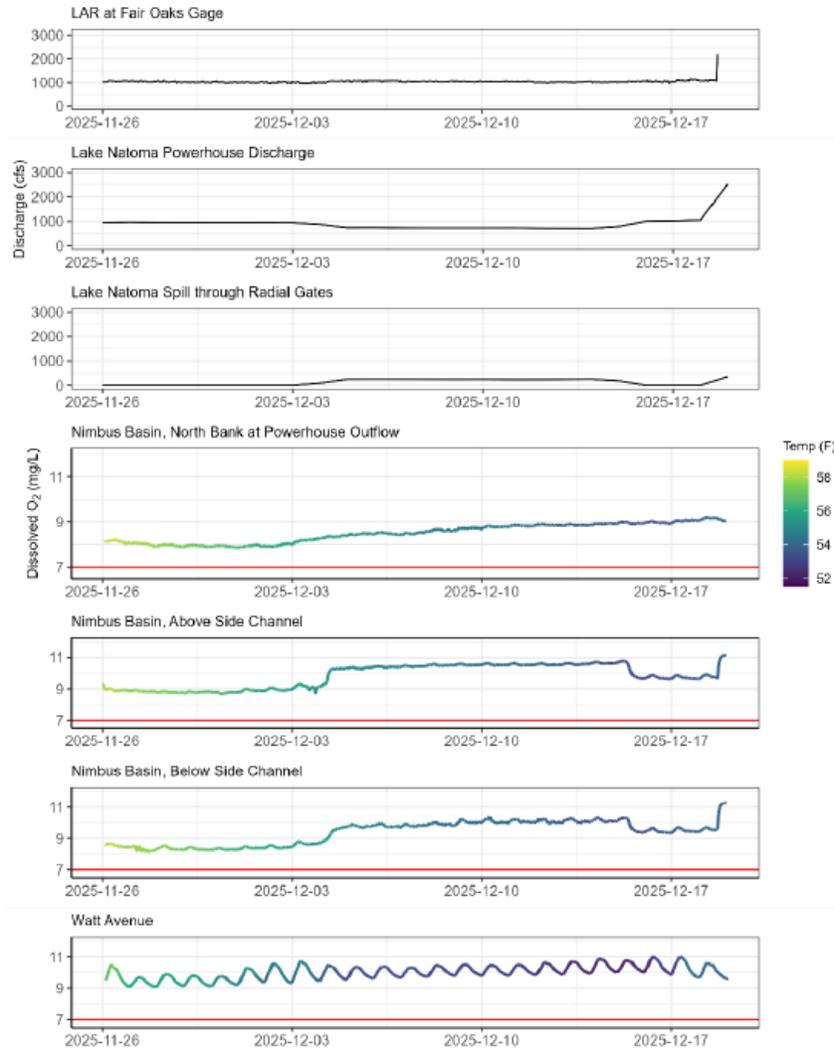


Figure 16. Discharge, temperature and dissolved oxygen dynamics at various locations in the Lower American River during the time when DO transects were conducted. Data missing from Nov 4-10 Side Channel and Nov 17-26 Powerhouse and Side Channel locations due to logger failure.

Figure 16 presents a series of line graphs showing discharge and dissolved oxygen (DO) conditions along the Lower American River from late November through mid-December 2025. Panels include



LAR discharge at the Fair Oaks gage, Lake Natoma powerhouse discharge, spill through radial gates, and DO concentrations at multiple Nimbus Basin monitoring locations (north bank at powerhouse outflow, above side channel, below side channel, and Watt Avenue). Water temperature is indicated by color along the DO traces.

River discharge at Fair Oaks remains relatively stable for most of the period, with an increase in mid-December corresponding to higher powerhouse releases. Spill through radial gates remains minimal. Dissolved oxygen levels in Nimbus Basin generally trend upward through early to mid-December and remain above the 7 mg/L threshold, with short-term fluctuations corresponding to operational changes and temperature variation.

Aerial Spawning Surveys

Aerial image spawning flights were taken on 18 November and 3 and 19 December 2025. Enumeration of 2025 redds is in progress and report is currently in development.

Snorkel Surveys

Beginning in February, snorkel surveys will be conducted in several locations in the lower reaches of the river as part of Water Forum's WaterSmart restoration grant.

PSMFC

The rotary screw traps on the American River at Watt Avenue have not been installed because PSMFC has not yet received funding for the 2026 sampling season. PSMFC has been directed to hold off on field operations until funding has been received. At this time, no estimated date has been provided for when funding for 2026 will be received.

American RST data for the 2025 sampling season is available through the [EDI data portal](#).

The annual report is available on the [CalFish Lower American River – RST Monitoring webpage](#).