BUREAU OF RECLAMATION

Stanislaus Watershed Team

October 15, 2025

Members Attending

- USBR: Peggy Manza, Brian Willard, Myrna Girald Perez, Mechele Pacheco, Chase Ehlo, Randi Field, Catarina Pien
- USFWS: N/A
- CDFW: Gretchen Murphey, Crystal Rigby, Steve Tsao
- NMFS: Paula Higginson
- DWR: N/A.
- SWRCB: Chris Carr, Yongxuan Gao
- PSMFC: Logan Day, Hunter Morris
- SSJID: N/A.
- FISHBIO: Jason Guignard
- Stockton East Water District (SEWD): N/A
- WAPA: N/A
- Attorney Offices: N/A.
- Cramer Fish Sciences: Jesse Anderson
- Kearns & West: Mia Schiappi, Brita Romans
- University of Washington: Susannah Iltis

Action Items

- Mechele to send K&W updated New Melones Forecast to distribute to the group.
- Gretchen to share photos of the river showing water quality with Brian Willard.
- Myrna

    - To discuss the timeline for winter instability flows with Reclamation.
    - To send notice to SWT when 508 version of the Fall Flows operations plan has been posted to the Reclamation website.
- Cat to check internally with BDO on temperature thresholds related to the updates for SacPas and communicate with Susannah Iltis.
- Kearns & West
    - Research alternative dates for the New Melones site visit, coordinate, and update the group with date and logistics.
    - Fix Elissa Buttermore's email address in the recipients list for the SWT materials reminder email.
    - Include flow planning for winter instability flows on the November agenda.

Announcements

- N/A

Operations Update and Forecasts/Hydrology

Mechele Pacheco, Reclamation, provided the latest forecast and implications for the Stanislaus River system and reported on current hydrologic conditions including flows. Mechele presented the information contained in the meeting packet shared with the SWT.

New Melones Reservoir Update

- As of 10/9/2025, New Melones storage measured 1.6 million acre-feet (MAF) with an elevation of 1,015.67 feet.
- Storage is at 121% of the 15-year average.
- As of 10/9/2025, inflow was measured at 15 thousand acre-feet (TAF) and releases were measured at 19 TAF.

Tulloch

- See packet for information on Tulloch Dam.

Goodwin

- Releases from Goodwin Dam on 10/9/2025 were 703 cubic feet per second (cfs) to meet October Vernalis objectives.
- River spill Increased at end of September to meet October Vernalis objectives.
- Fall pulse flows began on 10/15/25 releasing 750 cfs. The first peak of 1,500 cfs will occur on 10/16/25 and will continue based on the planned pulse releases.

Questions/Comments

- Reclamation asked about the status of the Ripon dissolved oxygen (DO) gauge.
    - Reclamation shared that the Ripon DO gauge stopped operating for a period after the last SWT meeting but has been operational since 10/9/25 and providing accurate values. The EC reading is still incorrect, but a repair is being worked on.
- Reclamation asked if there was any information regarding water quality in the river. Reclamation is interested in getting continued updates on water quality as needed.
    - CDFW noted that the field crew observed some discharge during the previous week from 10/6/2025 to 10/10/2025.

Water Temperature Updates

- Water temperatures have decreased in alignment with the fall season, and are consistently 56–58° F.

Flow Planning

Fall Pulse Flow

- Fall pulse flow planning is complete and the final Ops Plan will be posted online for the public SWT when Section-508 compliance is complete.

Winter Instability Flow Planning

- CDFW requested that SWT start winter instability flow (WIF) planning in November.
- Reclamation will follow up internally to discuss proposed timing for the WIF scheduling.
- See fall pulse flow schedule shared in September 2025 for daily flow plan.

Fish Monitoring

CDFW Fish Monitoring

Gretchen Murphy, CDFW provided updates on current CDFW fish monitoring operations and results.

Chinook Salmon Carcass and Redd Surveys

- CDFW began conducting fall-run and spring-run Chinook salmon carcass and redd surveys the week of 9/15/25.
    - Observations of live counts and redds have increased.
    - Observed tagged fish are thought to be Spring-run Chinook salmon.
    - Many Fall-run Chinook salmon have been observed at the weir.

- There have been higher observations of live fish on the Tuolumne River compared to the Stanislaus River. Fish have also been observed on the Merced River.

Juvenile Fish Monitoring

- Trawl operations have shifted from joint CDFW/USFWS operations to USFWS only in October despite the federal government shutdown. Joint operations will restart in January 2026.
- There have been no salmonid captures since June 2025; updates will resume when juvenile fish are captured.

FISHBIO Updates

Jason Guinard, FISHBIO, provided updates on fish monitoring operations and results.

- Stanislaus River Weir: As of October 12, 2025, a total of 1,325 adult Chinook salmon have passed upstream of the Stanislaus River weir.
- 190 (14%) of the adults were adipose fin clipped (ad-clipped). This is lower than normal.
- Two ad-clipped O. mykiss have been observed passing the Stanislaus River weir as of 10/12/25, both over 16 inches.
- Current observations of fish are higher than have been seen since 2003.

Questions/Comments

- CDFW asked FISHBIO how long they plan to operate the weir this year?
    - FISHBIO shared that operations will be flow dependent but will likely go through late spring as has been done in past years. It will be removed by Memorial Day when the river begins to see more recreation.
- Reclamation asked FISHBIO where they believed the hatchery Chinook salmon are straying from.
    - FISHBIO shared that this year there seems to be a lower rate of hatchery strays at this point. Based on coded wire tags (CWT) from previous years, the highest percentage of strays are from the Mokelumne hatchery.
    - CDFW shared that CWT data is available in previous years SWT Summary of Activities Report.

PSMFC Updates

- Logan Day shared that PSMFC is using a new method for running genetics. With this new genetics method they have potentially identified two Spring-run Chinook salmon.

Restoration Project Updates

- No updates.

Stanislaus River Forum

- Reclamation received no comments or requests for a meeting for October.

SWRCB Updates

- The State Water Board received a Tuolumne River voluntary agreement in 2022;
- The State Water Board is accepting public comments on the Draft Scientific Basis Report Supplement for the Tuolumne River Voluntary Agreement Proposal. Public written comments must be submitted no later than Friday, November 7, 2025. It is available on the following website: California State Water Resources Control Board, Bay-Delta Watershed

General Updates

- The Salmon Festival is on November 8, 2025.

Updates to SacPas

- Susannah Iltis, University of Washington, provided updates on SacPas and solicited feedback. She reviewed current conditions table and map and the new parameter expanding into San Joaquin restoration project program.

Questions/Comments

- CDFW asked about the data source for the temperature thresholds for fish survival.
    - Iltis shared that they are able to include these thresholds based on feedback from other projects but acknowledged that that there had been differing opinions on this inclusion in the past.
    - Reclamation answered that they will check in internally within the BDO on temperature thresholds

Stanislaus River Summary of Activities

- Reclamation received internal guidance to rename the former “annual report” to “Stanislaus River Summary of Activities report”
- When the Water Year 2025 Stanislaus River Summary of Activities is shared, the SWT will have 10 business days to review and provide comments on the first draft,

followed by another 10 business days to review and comment on the final draft. The goal is to have the report finalized by the end of January 2026.

New Melones Site Visit

- The New Melones site visit is currently planned for November 12, 2025.
- Kearns & West may investigate new dates given the federal government shutdown and travel restrictions in place for federal employees.

Questions/Comments

- BDO representatives noted some limitations on travel that could make travel for the site visit difficult at the moment.
- CDFW recommends we do a tour during a window that Tulloch is available.
- CDFW offered to take attendees to see spawning fish at Knights Ferry and go to Goodwin dam.

Items to Elevate to WOMT

- None.

Next Meeting

Wednesday, November 19, 10:00 am –12:00 pm.

BUREAU OF RECLAMATION

Stanislaus Watershed Team

10:00 a.m. – 12:00 p.m.
Conference Line: 1 (321) 209-6143; Meeting ID: 247 545 110 667#
Webinar: Join Microsoft Teams Meeting

Wednesday, October 15, 2025

Agenda

1. Introductions
2. Ground Rules[1]
3. Announcements
4. Operations Update and Forecasts/Hydrology – Mechele Pacheco, USBR
5. Temperature Updates– Paula Higginson, NMFS
6. Flow Planning– Myrna Girald Pérez, USBR and Gretchen Murphey, CDFW
7. STW Reporting – Myrna Girald Pérez, USBR

[1] The Stanislaus Watershed Team's Ground Rules are as follows:

- Seek to understand and respect opposing views and suggestions for change (w/in the parameters of the Guidance Document).
- Seek to leverage collective expertise (including from agencies' & stakeholders' consultants).
- Hold questions/discussion at the discretion of the presenter.
- Honor time limits - keep comments and discussion succinct and focused on meeting objectives as needed.
- Make constructive proposals and suggestions to seek mutually agreeable solutions for all parties.
- Keep a record of discussion and dialogue.
- One speaker at a time
- Take space/make space

8. Stanislaus River Forum (SRF) Call Review– Myrna Girald Pérez, USBR
9. Fish Monitoring and Studies – CDFW, FISHBIO
10. Restoration Project Updates
    a. Erika Holcombe, USFWS
    b. Cat Pien, USBR
11. Other Discussion Items
    a. Updates to SacPas – Susannah Iltis, University of Washington
    b. New Malones Site Visit – Mia Schiappi, Kearns & West
    c. Items to elevate to WOMT
12. Review Action Items– Mia Schiappi, Kearns & West
13. Next Meeting: Wednesday, November, 2025

Tables for BDO

United States Department of the Interior
Bureau of Reclamation
Central Valley Project – California Daily CVP Water Supply Report

October 9, 2025
Run Date: October 10, 2025

Table 1. Reservoir Releases in Cubic Feet Per Second

Reservoir	Dam	WY 2025	WY 2026	15-Year Median
Trinity	Lewiston	450	448	453
Sacramento	Keswick	6,915	7,118	6,505
Feather	Oroville (SWP)	5,101	7,187	3,000
American	Nimbus	1,521	1,090	1,504
Stanislaus	Goodwin	459	703	302
San Joaquin	Friant	410	520	375

Table 2. Storage in Major Reservoirs in Thousands of Acre-Feet

Reservoir	Capacity	15-Yr Avg	WY 2025	WY 2026	% O 15 Yr Avg
Trinity	2,448	1,322	1,689	1,786	135
Shasta	4,552	2,365	2,717	2,644	112
Folsom	977	433	446	441	102
New Melones	2,420	1,335	1,820	1,619	121
Fed. San Luis	966	340	343	252	74
Total North CVP	11,363	5,794	7,015	6,742	116
Millerton	521	266	236	247	93
Oroville (SWP)	3,425	1,650	1,818	1,939	118

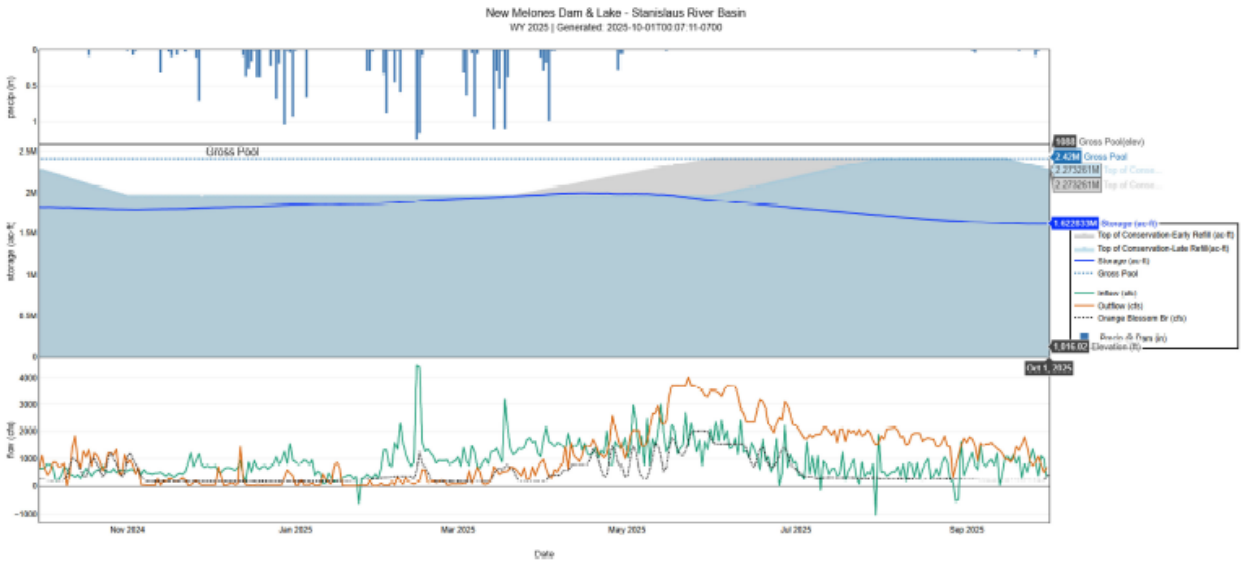
Table 3. Accumulated Inflow for water Year to Date in Thousands of Acre-Feet

Reservoir	Current WY 2026	WY 1977	WY 1983	15-Yr Avg	% O 15 Yr Avg
Trinity	4	3	3	2	245
Shasta	64	68	69	50	128
Folsom	21	21	31	17	124
New Melones	15	N/A	14	12	123

Reservoir	Current WY 2026	WY 1977	WY 1983	15-Yr Avg	% O 15 Yr Avg
Millerton	18	13	56	20	88

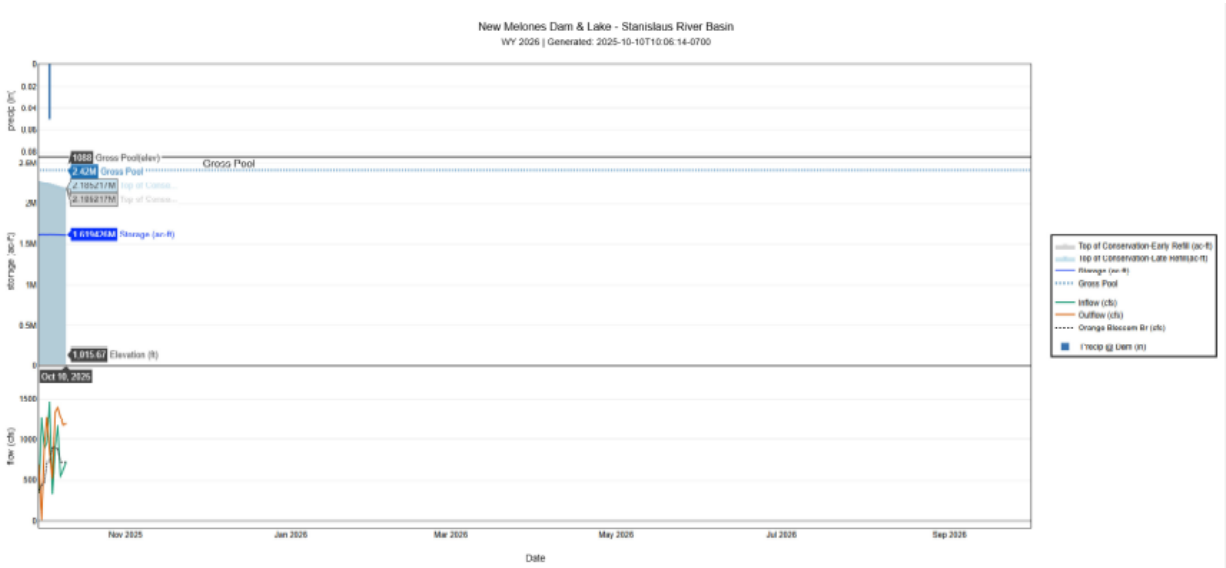
Table 4. Accumulated Precipitation for Water Year to Date in Inches

Reservoir	Current WY 2026	WY 1977	WY 1983	Avg (N Yrs)	% of Avg	Last 24 Hours
Trinity at Fish Hatchery	0.39	0.13	0.39	0.22 (65)	179	0.00
Sacramento at Shasta Dam	1.07	0.07	0.24	0.30 (70)	355	0.00
American at Blue Canyon	0.00	0.87	0.73	0.44 (51)	0	0.00
Stanislaus at New Melones	0.05	N/A	0.30	0.19 (48)	26	0.00
San Joaquin at Huntington LK	0.52	1.20	0.00	0.42 (52)	123	0.01



New Melones Dam & Lake – Stanislaus River Basin, 2025-10-01T00:07:11-0700

Graph shows the flow, storage, and precipitation for New Melones Dam and Lake from November 2024 to September 2025. The graph shows storage approximately 1.8M ac-ft in November 2024 through May 2025, with an inflow peak over 4000 cfs in late February 2025.



New Melones Dam & Lake – Stanislaus River Basin, 2025-10-10T10:06:14-0700

Graph shows the flow, storage, and precipitation for New Melones Dam and Lake starting in November 2025. The graph shows storage approximately 1.6M ac-ft in late October 2025 into early November 2025.

United States Department of the Interior
Bureau of Reclamation – Central Valley Project – California

New Melones Lake Daily Operations, September 2025, Run Date: 10/05/2025

Day	Elev	Stor-age 1000-Acre-Feet in Lake	Storage 1000-Acre-Feet Change	Com-puted Inflow C.F.S.	Release C.F.S. Power	Release C.F.S. Spill	Release C.F.S. Outlet	Evap. C.F.S.	Evap. Inches	Precip Inches
N/A	N/A	1,650.1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
1	1,018.60	1,648.1	-2.0	959	1,808	0	0	143	0.45	0.00
2	1,018.47	1,646.8	-1.3	1,219	1,746	0	0	118	0.37	0.01
3	1,018.31	1,645.3	-1.6	769	1,499	0	0	64	0.20	0.03
4	1,018.22	1,644.4	-0.9	613	933	0	0	127	0.40	0.00
5	1,018.19	1,644.1	-0.3	1,546	1,590	0	0	105	0.33	0.00
6	1,018.04	1,642.6	-1.5	826	1,484	0	0	86	0.27	0.00
7	1,017.85	1,640.7	-1.9	724	1,553	0	0	111	0.35	0.00
8	1,017.70	1,639.3	-1.5	902	1,557	0	0	86	0.27	0.00
9	1,017.56	1,637.9	-1.4	976	1,608	0	0	60	0.19	0.00
10	1,017.40	1,636.3	-1.6	772	1,481	0	0	82	0.26	0.00
11	1,017.35	1,635.8	-0.5	1,194	1,371	0	0	70	0.22	0.00
12	1,017.08	1,633.2	-2.6	36	1,301	0	0	70	0.22	0.00
13	1,016.93	1,631.7	-1.5	526	1,177	0	0	89	0.28	0.00
14	1,016.93	1,631.7	0.0	1,065	989	0	0	76	0.24	0.00
15	1,016.93	1,631.7	0.0	1,076	984	0	0	92	0.29	0.00
16	1,016.92	1,631.6	-0.1	935	892	0	0	92	0.29	0.00
17	1,016.92	1,631.6	0.0	1,139	1,022	0	0	117	0.37	0.00
18	1,016.77	1,630.2	-1.5	829	1,448	0	0	120	0.38	0.00
19	1,016.71	1,629.6	-0.6	1,087	1,306	0	0	76	0.24	0.01
20	1,016.45	1,627.0	-2.5	326	1,544	0	0	63	0.20	0.00
21	1,016.23	1,624.9	-2.1	819	1,810	0	0	92	0.29	0.00
22	1,016.03	1,622.9	-2.0	526	1,419	0	0	92	0.29	0.00
23	1,016.02	1,622.8	-0.1	977	919	0	0	107	0.34	0.00
24	1,016.12	1,623.8	1.0	1,355	752	0	0	110	0.35	0.00

Day	Elev	Stor-age 1000-Acre-Feet in Lake	Storage 1000-Acre-Feet Change	Com-puted Inflow C.F.S.	Release C.F.S. Power	Release C.F.S. Spill	Release C.F.S. Outlet	Evap. C.F.S.	Evap. Inches	Precip Inches
25	1,016.12	1,623.8	0.0	922	872	0	0	50	0.16	0.08
26	1,015.97	1,622.3	-1.5	397	1,085	0	0	50	0.16	0.01
27	1,016.02	1,622.8	0.5	1,103	791	0	0	66	0.21	0.00
28	1,016.10	1,623.6	0.8	999	520	0	0	85	0.27	0.00
29	1,016.02	1,622.8	-0.8	359	687	0	0	66	0.21	0.00
30	1,016.27	1,625.3	2.4	1,271	17	0	0	22	0.07	0.00
Totals	N/A	N/A	-25.1	26,247	36,165	0	0	2,587	8.17	0.14
Acre-Feet	N/A	N/A	-25,100	52,061	71,733	0	0	5,131	N/A	N/A

Comments:

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

Summary Precipitation

This Month	0.14
October 1, 2024 to Date	N/A
October 1, 2024 to Date	19.68

Summary: Release (acre- feet)

Release (acre-feet)	N/A
Power	71,733
Spill	0
Outlet	460
Total	**71,733**

United States Department of the Interior
Bureau of Reclamation – Central Valley Project – California

New Melones Lake Daily Operations, October 2025, Run Date: 10/10/2025

Day	Elev	Storage 1000-Acre-Feet in Lake	Storage 1000-Acre-Feet Change	Computed Inflow C.F.S.	Release C.F.S. Power	Release C.F.S. Spill	Release C.F.S. Outlet	Evap. C.F.S.	Evap. Inches	Precip. Inches
N/A	N/A	1,625.3	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
1	1,016.25	1,625.1	-0.2	890	926	0	0	63	0.20	0.00
2	1,016.17	1,624.3	-0.8	965	1,280	0	0	79	0.25	0.00
3	1,016.29	1,625.5	1.2	1,460	863	0	0	6	0.02	0.05
4	1,016.24	1,625.0	-0.5	333	525	0	0	54	0.17	0.00
5	1,016.14	1,624.0	-1.0	897	1,339	0	0	51	0.16	0.00
6	1,016.08	1,623.4	-0.6	1,170	1,396	0	0	69	0.22	0.00
7	1,015.91	1,621.8	-1.7	541	1,282	0	0	95	0.30	0.00
8	1,015.78	1,620.5	-1.3	637	1,180	0	0	95	0.30	0.00
9	1,015.67	1,619.4	-1.1	719	1,196	0	0	63	0.20	0.00
Totals	N/A	N/A	-6.0	7,612	9,987	0	0	575	1.82	0.05
Acre-Feet	N/A	N/A	-6,000	15,098	19,809	0	0	1,141	N/A	N/A

Comments:

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

Summary Precipitation

This Month	0.05
October 1, 2025 to Date	N/A
October 1, 2025 to Date	0.05

Summary: Release (acre-feet)

Release (acre-feet)	N/A
Power	19,809
Spill	0
Outlet	0
Total	**19,809**

United States Department of the Interior
Bureau of Reclamation – Central Valley Project – California

Tulloch Reservoir Daily Operations, September 2025, Run Date: 10/05/2025

Day	Elev	Storage (Acre Feet) Reservoir	Storage (Acre-Feet) Change	Computed Inflow C.F.S.	New Melones Release	Release C.F.S. Power	Release C.F.S. Spill	Release C.F.S. Outlet	Evap. C.F.S. (1)
N/A	N/A	64,465	N/A	N/A	N/A	N/A	N/A	N/A	N/A
1	508.73	65,388	923	1,893	1,808	1,410	0	0	18
2	509.26	66,044	656	1,798	1,746	387	0	1,065	15
3	509.24	66,020	-24	1,521	1,499	0	0	1,525	8
4	508.24	64,784	-1,236	903	933	759	0	751	16
5	508.40	64,981	197	1,659	1,590	1,226	0	321	13
6	508.24	64,784	-197	1,466	1,484	1,554	0	0	11
7	508.45	65,043	259	1,578	1,553	1,433	0	0	14
8	508.60	65,228	185	1,592	1,557	1,488	0	0	11
9	508.91	65,609	381	1,633	1,608	1,433	0	0	8
10	508.88	65,572	-37	1,493	1,481	1,502	0	0	10
11	508.92	65,622	50	1,465	1,371	1,431	0	0	9
12	508.87	65,560	-62	1,347	1,301	1,369	0	0	9
13	508.72	65,375	-185	1,208	1,177	1,290	0	0	11
14	508.42	65,006	-369	1,016	989	1,192	0	0	10
15	508.02	64,514	-492	1,013	984	1,250	0	0	11
16	507.33	63,677	-837	929	892	1,340	0	0	11
17	506.66	62,871	-806	1,060	1,022	1,452	0	0	14
18	506.66	62,871	0	1,484	1,448	1,469	0	0	15
19	506.64	62,847	-24	1,366	1,306	1,369	0	0	9
20	506.96	63,229	382	1,564	1,544	1,363	0	0	8
21	507.91	64,380	1,151	1,879	1,810	1,142	0	146	11
22	507.98	64,465	85	1,490	1,419	1,436	0	0	11
23	507.19	63,507	-958	949	919	1,419	0	0	13
24	506.37	62,525	-982	769	752	1,251	0	0	13
25	505.91	61,977	-548	827	872	562	0	535	6
26	506.41	62,573	596	1,170	1,085	864	0	0	6
27	506.40	62,561	-12	805	791	346	0	457	8
28	506.13	62,238	-323	528	520	681	0	0	10
29	505.83	61,883	-355	702	687	873	0	0	8
30	504.44	60,259	-1,624	26	17	842	0	0	3
Totals	N/A	N/A	-4,206	37,133	36,165	34,133	0	4,800	320

Day	Elev	Storage (Acre Feet) Reservoir	Storage (Acre-Feet) Change	Computed Inflow C.F.S.	New Melones Release	Release C.F.S. Power	Release C.F.S. Spill	Release C.F.S. Outlet	Evap. C.F.S. (1)
Acre-Feet	N/A	N/A	-4,206	73,653	71,733	67,703	0	9,521	635

Comments:

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

Summary: Release (acre-feet)

Release (acre-feet)	N/A
Power	67,703
Spill	0
Outlet	9,521
Total	**77,224**

United States Department of the Interior
Bureau of Reclamation – Central Valley Project – California

Tulloch Reservoir Daily Operations, October 2025, Run Date: 10/10/2025

Day	Elev	Storage (Acre Feet) Res.	Storage (Acre-Feet) Change	Computed Inflow C.F.S.	New Melones Release	Release C.F.S. Power	Release C.F.S. Spill	Release C.F.S. Outlet	Evap. C.F.S. (1)
N/A	N/A	60,259	N/A	N/A	N/A	N/A	N/A	N/A	N/A
1	504.60	60,444	185	970	926	869	0	0	8
2	505.10	61,025	581	1,284	1,280	982	0	0	9
3	504.83	60,710	-315	821	863	979	0	0	1
4	503.78	59,499	-1,211	509	525	1,114	0	0	6
5	504.01	59,762	263	1,293	1,339	1,154	0	0	6
6	504.30	60,097	335	1,372	1,396	1,195	0	0	8
7	504.50	60,329	232	1,263	1,282	1,135	0	0	11
8	504.38	60,190	-139	1,145	1,180	1,204	0	0	11
9	504.50	60,329	139	1,240	1,196	1,163	0	0	7
Totals	NA	NA	70	9,897	9,987	9,795	0	0	67
Acre-Feet	NA	NA	70	19,631	19,809	19,428	0	0	133

Comments:

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

Summary: Release (acre-feet)

Release (acre-feet)	N/A
Power	19,428
Spill	0
Outlet	0
Total	**19,428**

Oakdale Irrigation District South San Joaquin Irrigation District Tri Dams Project-California

Goodwin Reservoir Daily Operations, September 2025, Run Date: 10/05/2025

Day	Elev	Storage (1000 Acre-Feet) in Lake	Storage (1000 Acre-Feet) Change	Tulloch Release	Release C.F.S. – River Outlet	Release C.F.S. – Spill	Canals-Joint Main	Canals – South Main
N/A	N/A	525	N/A	N/A	N/A	N/A	N/A	N/A
1	359.82	524	-1	1,410	0	227	757	241
2	359.82	524	0	1,452	0	225	718	335
3	359.83	525	1	1,525	0	230	769	369
4	359.81	524	-1	1,510	0	203	816	331
5	359.81	524	0	1,547	0	202	843	316
6	359.81	524	0	1,554	0	203	832	376
7	359.81	524	0	1,433	0	203	771	301
8	359.81	524	0	1,488	0	203	775	344
9	359.82	524	0	1,433	0	202	780	278
10	359.82	524	0	1,502	0	204	830	296
11	359.82	524	0	1,431	0	204	798	280
12	359.82	524	0	1,369	0	202	720	307
13	359.82	524	0	1,290	0	202	695	261
14	359.82	524	0	1,192	0	203	655	199
15	359.83	525	1	1,250	0	203	700	206
16	359.82	524	-1	1,340	0	205	736	280
17	359.82	524	0	1,452	0	204	784	331
18	359.82	524	0	1,469	0	202	794	331
19	359.82	524	0	1,369	0	201	803	255
20	359.82	524	0	1,363	0	202	774	290
21	359.82	524	0	1,288	0	209	778	200
22	359.80	523	-1	1,436	0	205	828	300
23	359.80	523	0	1,419	0	203	818	321
24	359.79	522	-1	1,251	0	202	628	321
25	359.78	522	0	1,097	0	204	542	255

Day	Elev	Storage (1000 Acre-Feet) in Lake	Storage (1000 Acre-Feet) Change	Tulloch Release	Release C.F.S. – River Outlet	Release C.F.S. – Spill	Canals- Joint Main	Canals – South Main
26	359.79	522	0	864	0	204	355	216
27	359.78	522	0	803	0	202	288	226
28	359.79	522	0	681	0	201	258	136
29	359.94	533	11	873	0	388	255	175
30	359.94	533	0	842	0	400	256	183
Totals	N/A	N/A	8	38,933	0	6,548	20,356	8,260
Acre-Feet	N/A	N/A	8	77,224	0	12,988	40,376	16,384

Joint Main Operated by SSJID and OID.

Summary: Release (acre-feet)

Joint Main Canal	40,376
South Main Canal	16,384
Outlet	0
Spill	12,988
Total	**69,748**

Oakdale Irrigation District South San Joaquin Irrigation District Tri Dams Project-California

Goodwin Reservoir Daily Operations, October 2025, Run Date: 10/10/2025

Day	Elev	Storage (1000 Acre-Feet) in Lake	Storage (1000 Acre-Feet) Change	Tulloch Release	Release C.F.S. – River Outlet	Release C.F.S. – Spill	Canals–Joint Main	Canals–South Main
N/A	N/A	533	N/A	N/A	N/A	N/A	N/A	N/A
1	360.14	547	14	869	0	492	236	212
2	360.12	545	-2	982	0	707	219	155
3	360.23	553	8	979	0	767	205	101
4	360.23	553	0	1,114	0	902	213	101
5	360.23	553	0	1,154	0	901	259	101
6	360.12	545	-8	1,195	0	832	291	191
7	360.12	545	0	1,135	0	704	342	200
8	360.12	545	0	1,204	0	702	341	270
9	360.12	545	0	1,163	0	703	341	230
Totals	N/A	N/A	12	9,795	0	6,710	2,447	1,561
Acre-Feet	N/A	N/A	12	19,428	0	13,309	4,854	3,096

Joint Main Operated by SSJID and OID.

Summary: Release (acre-feet)

Joint Main Canal	4,854
South Main Canal	3,096
Outlet	0
Spill	13,309
Total	**21,259**

October 2025 Water Temperature and Fish Monitoring Update

Year-to-Date Flows

Goodwin releases since October 1, 2025, are shown in Figure 1.

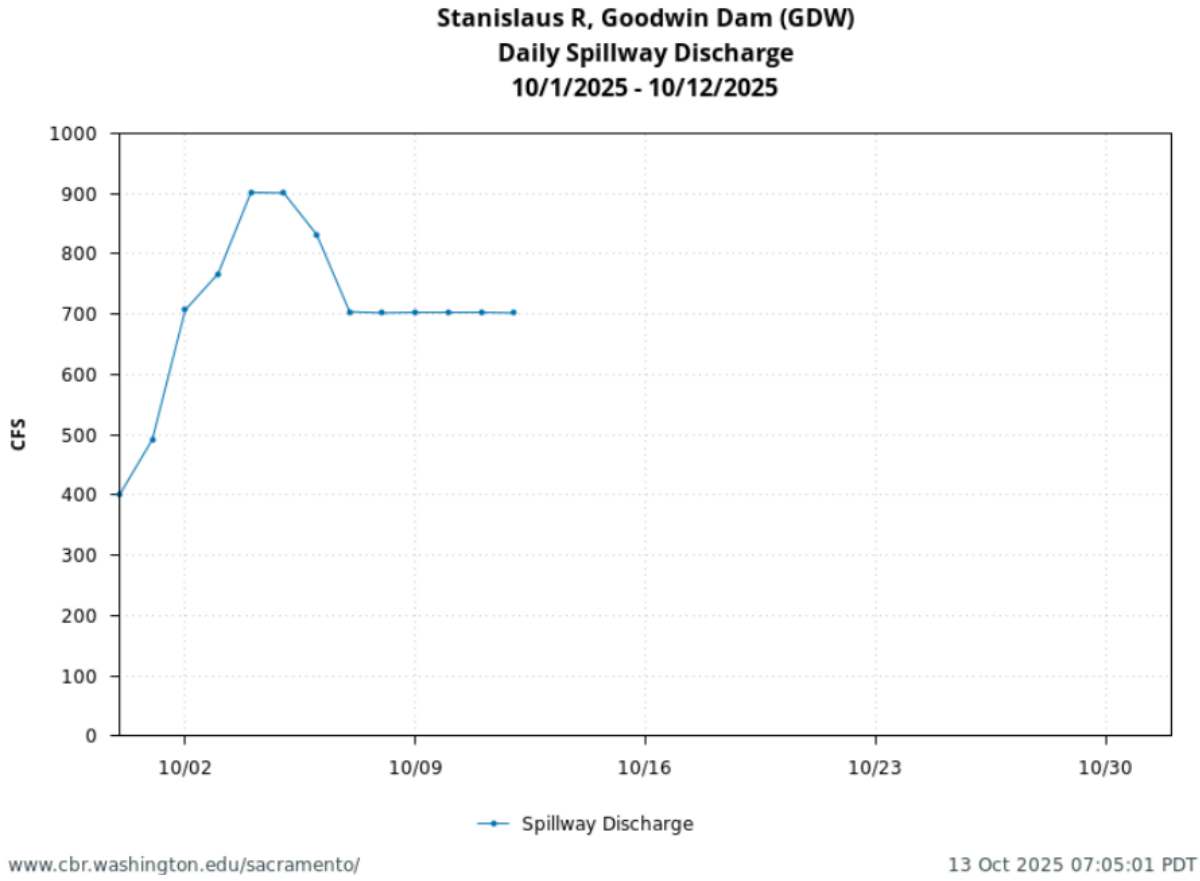


Figure 1. Goodwin (daily) releases to the Stanislaus River since October 1, 2025. Data from GDW station on CDEC.

Figure 1 is a line graph showing Goodwin Dam daily spillway discharge. The graph shows an increase from 400 cfs to 900 cfs starting on October 1, 2025 to October 5, 2025, followed by a decrease to 700 cfs on October 7, 2025. The spillway discharge continues at 700 cfs up to October 12, 2025.

Water Temperature

The temperature thresholds included in Figures 2-10, below, are the thresholds used in the 2024 NMFS LTO BiOp1 (see Incidental Take Statement on p. 896-897) to define the extent of take anticipated from water temperature effects in the Stanislaus River. It is important to note that many of the temperature figures provide subdaily information or information at locations other than Orange Blossom Bridge and thus don't reflect the specific metrics for

take in the 2024 NMFS LTO BiOp. Temperature thresholds have been added to these figures at the request of Stanislaus Watershed Team members to provide a general reference of water temperature suitability.

Water temperatures in the Stanislaus River since August 2025 are shown below at Goodwin Canyon (Figure 2), Orange Blossom Bridge (Figure 3), and at Ripon (Figure 4). Water temperatures in the San Joaquin River since August 2025 are shown below at Vernalis (Figure 5). Current-year water temperatures are plotted along with historical temperatures for upstream of Orange Blossom Bridge (Figure 6), Ripon (Figure 7), and Vernalis (Figure 8). A compilation of Stanislaus River water temperatures and Goodwin releases Water Year 2026 is provided in Figure 9.

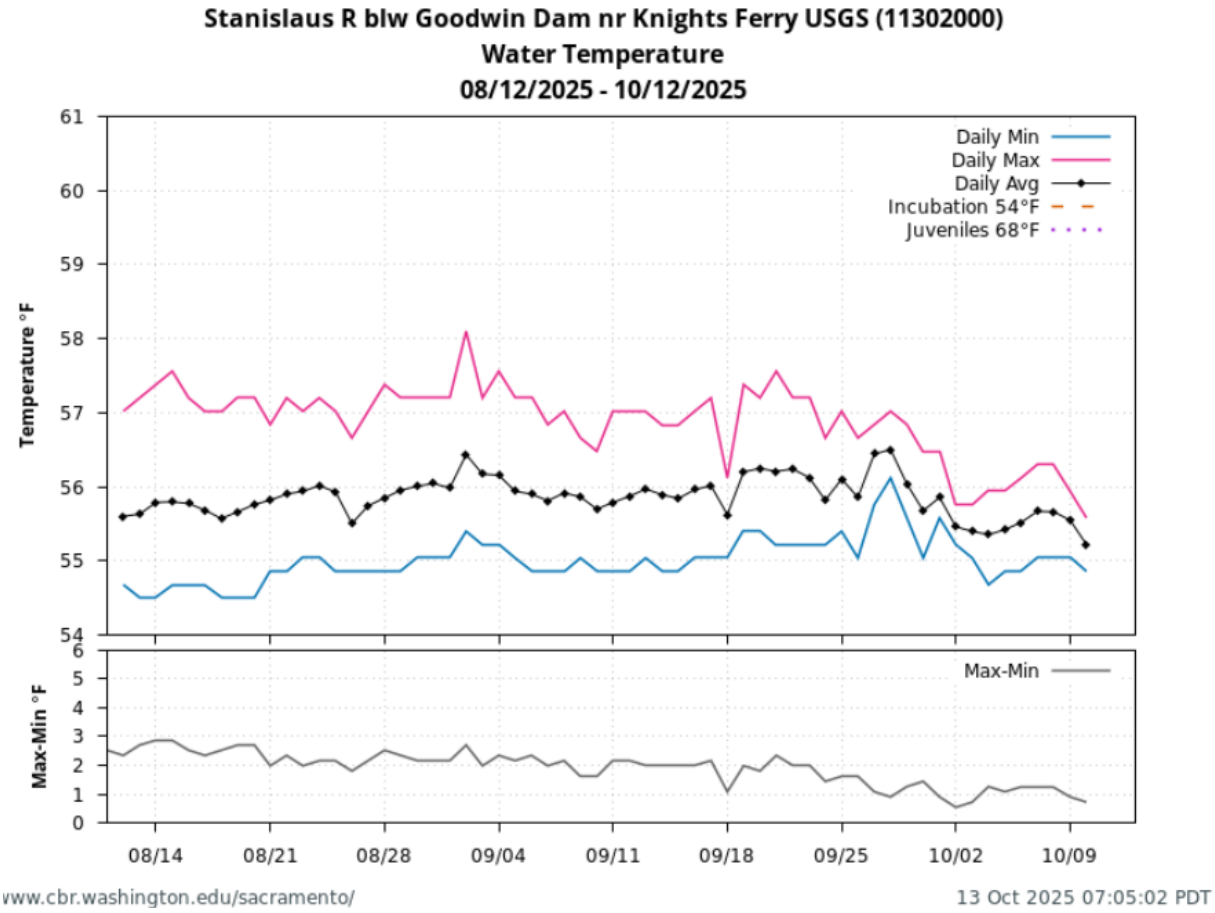


Figure 2. Daily water temperatures on the Stanislaus River upstream of Knights Ferry since August 12, 2025. Data from USGS gage 11302000 on NWIS; temperature threshold reference line added by SWT.

Chart: Stacked chart for daily water temperatures Stanislaus River upstream of Knights Ferry for current 60 days period. Top chart: Daily Min, Max and average water temperatures (in degrees Fahrenheit). Bottom chart: Daily difference between Max and Min measured water temperature in degrees Fahrenheit. Data from OBB station retrieved from CDEC; figure generated by SacPAS (including date-based water temperature threshold reference lines).

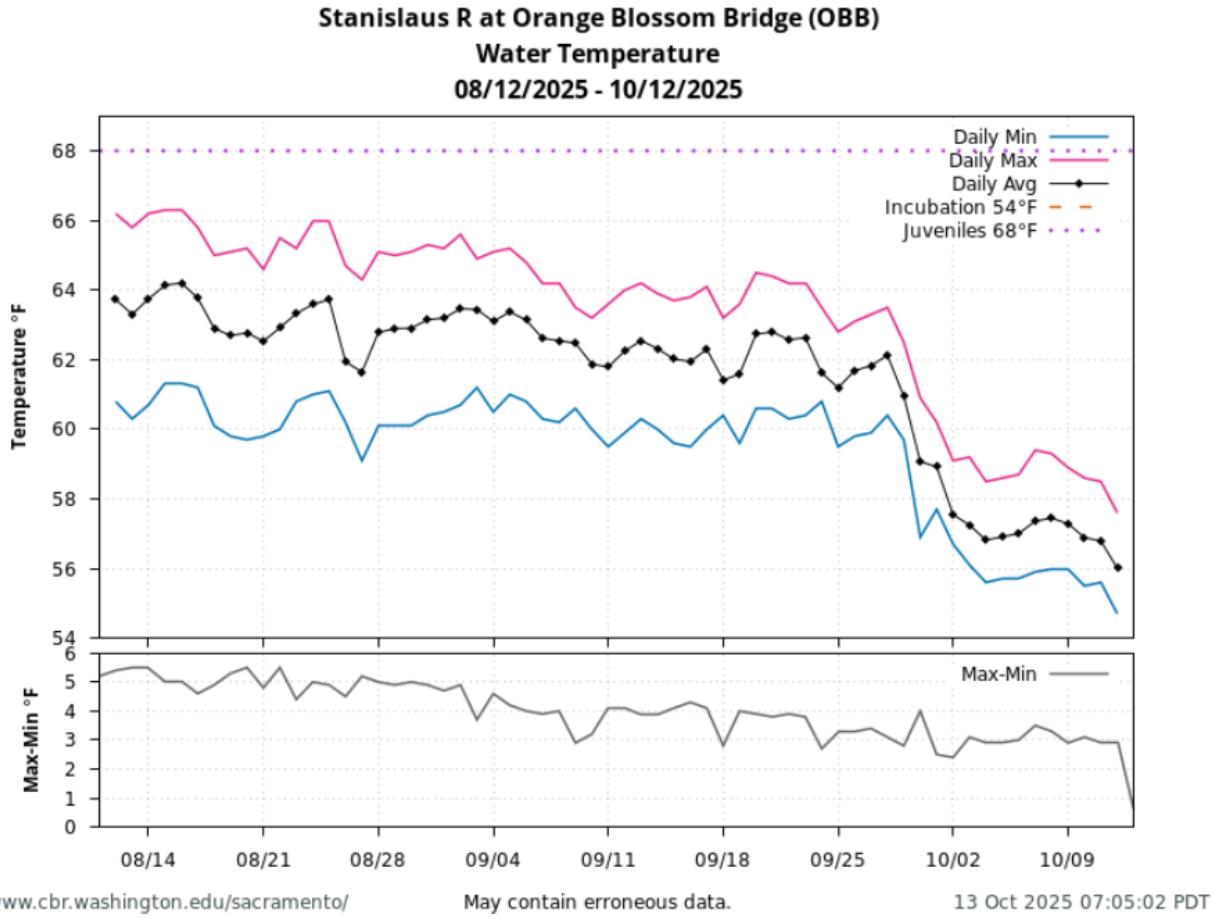


Figure 3. Stanislaus (hourly) water temperatures at Orange Blossom Bridge since August 12,2025. Data from OBB station on CDEC. Please be aware that due to malfunctions with the temperature gauge at Orange Blossom Bridge, the data should be noted as unreliable.

Chart: Stacked chart for daily water temperatures Stanislaus River at Orange Blossom Bridge for current 60 days period. Top chart: Daily Min, Max and average water temperatures (in degrees Fahrenheit). Bottom chart: Daily difference between Max and Min measured water temperature in degrees Fahrenheit. Data from OBB station retrieved from CDEC; figure generated by SacPAS (including date-based water temperature threshold reference lines). For more information, please call (916) 414-2400.

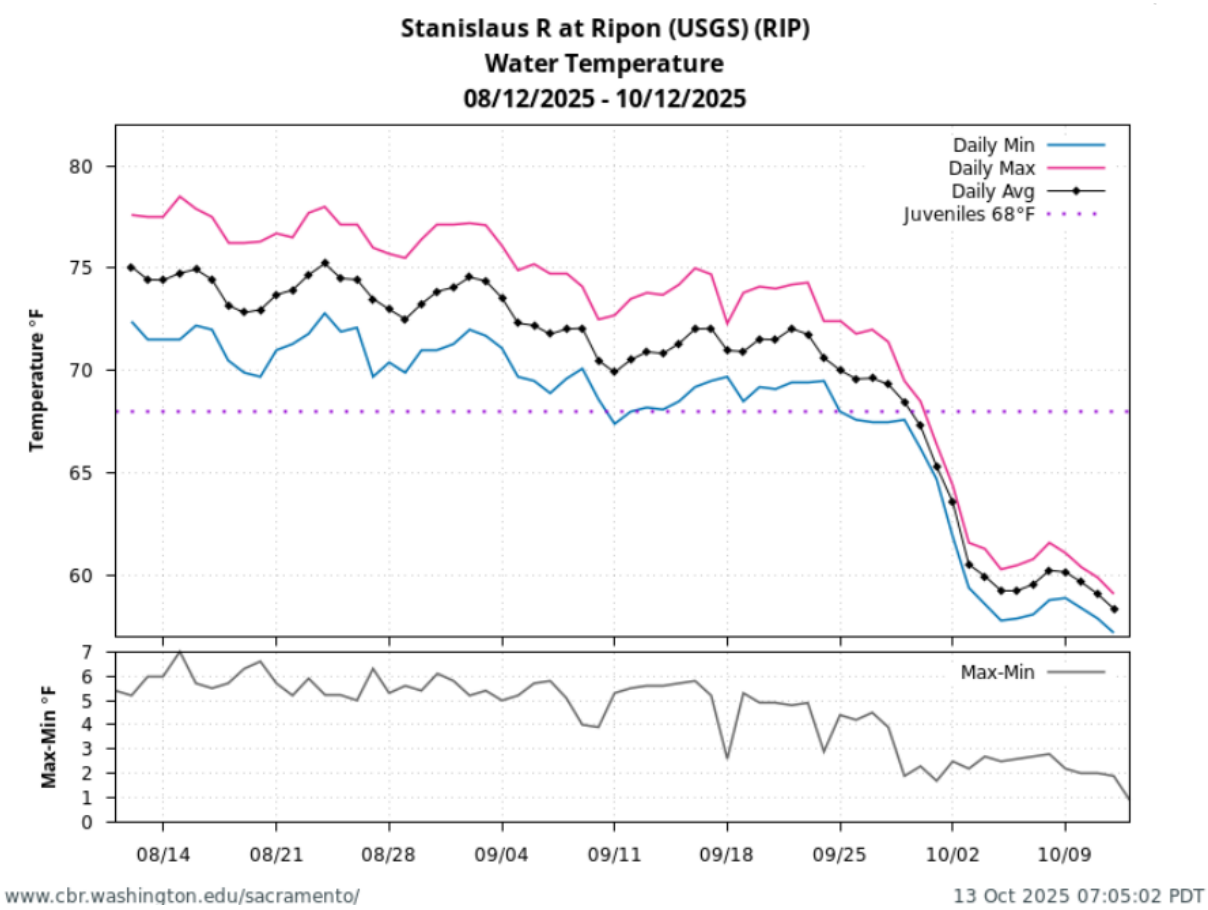


Figure 4. Stanislaus water temperatures at Ripon since August 12, 2025. Data from RIP station on CDEC.

Chart: Stacked chart for daily water temperatures Stanislaus River at Ripon for current 60 days period. Top chart: Daily Min, Max and average water temperatures (in degrees Fahrenheit). Bottom chart: Daily difference between Max and Min measured water temperature in degrees Fahrenheit. Data from OBB station retrieved from CDEC; figure generated by SacPAS (including date-based water temperature threshold reference lines).

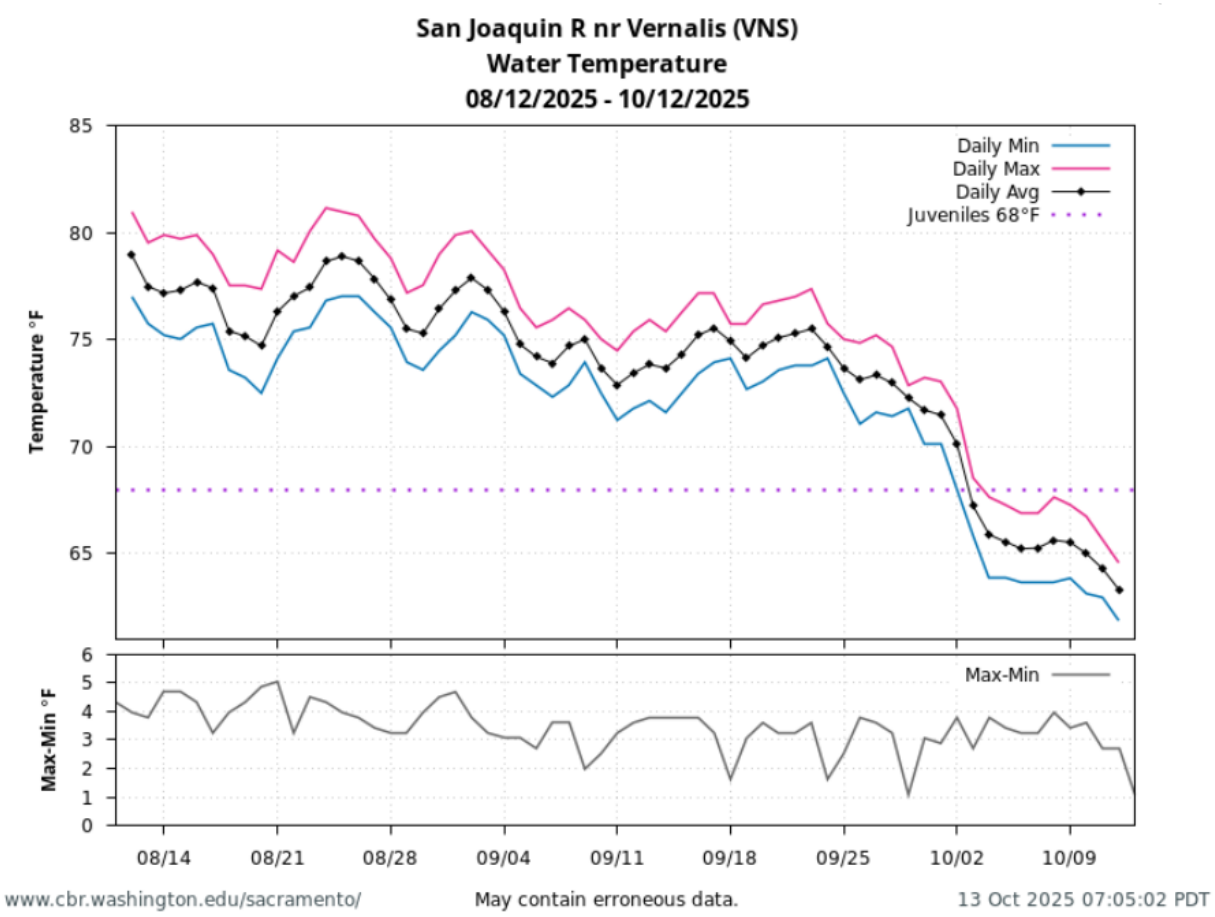


Figure 5. San Joaquin River (15-minute) water temperatures at Vernalis since August 12, 2025. Data from VNS station on CDEC. Note that, unlike in the previous figures, temperature is reported in degrees Celsius. 8°C=46.4°F; 10°C=50°F; 12°C=53.6°F; 14°C=57.2°F; 16°C=60.8°F; 18°C=64.4°F; 20°C=68.0°F; 22°C=71.6°F; 24°C=75.2°F; 26°C=78.8°F; 28°C=82.4°F.

Chart: Stacked chart for daily water temperatures Stanislaus River at Vernalis for current 60 days period. Top chart: Daily Min, Max and average water temperatures (in degrees Fahrenheit). Bottom chart: Daily difference between Max and Min measured water temperature in degrees Fahrenheit. Data from OBB station retrieved from CDEC; figure generated by SacPAS (including date-based water temperature threshold reference lines).

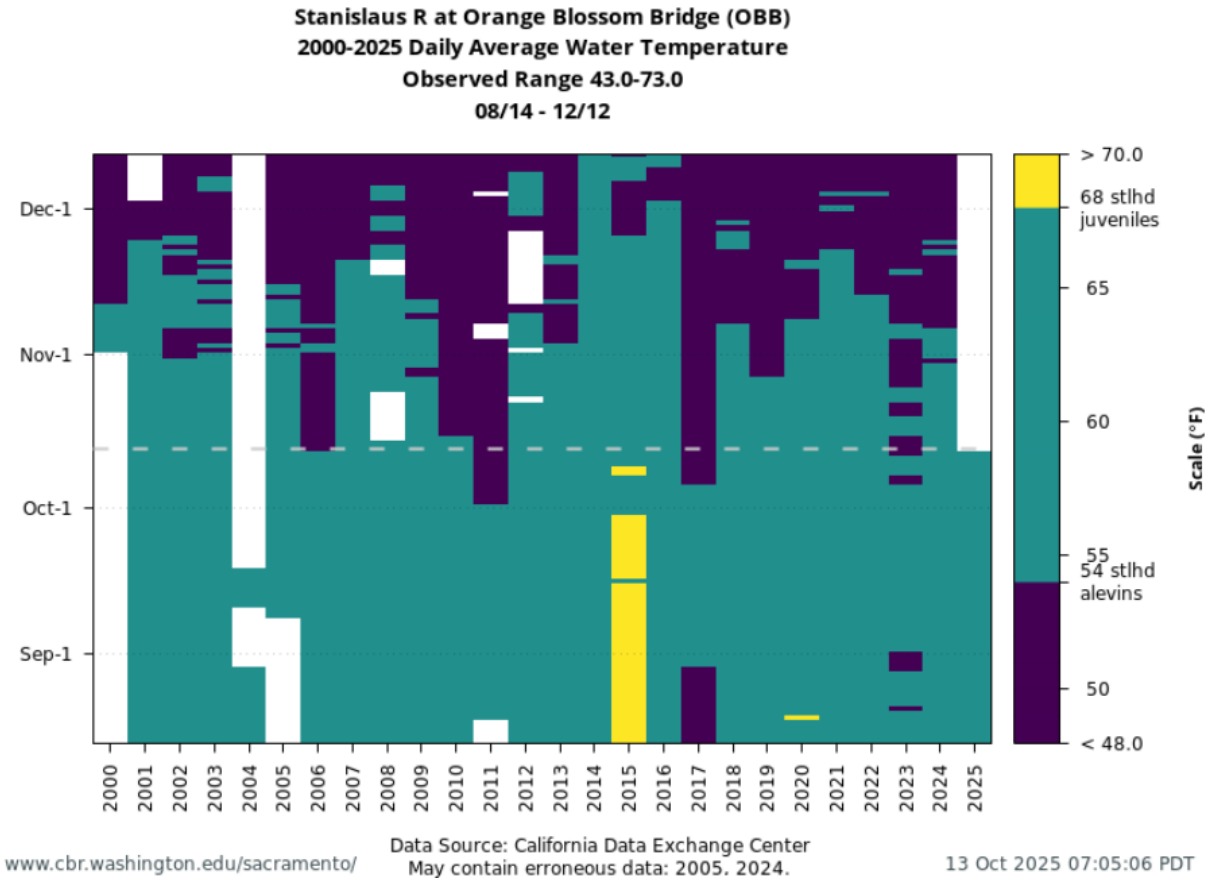


Figure 6. Stanislaus River water temperatures at Orange Blossom Bridge for WY 2000 to present. [Data from SacPAS website]; temperature threshold reference lines added by SWT. Please be aware that due to malfunctions with the temperature gauge at Orange Blossom Bridge, the date should be noted as unreliable.

Figure 6 is a bar chart showing water temperatures at Orange Blossom Bridge for WY 2000 to present for August to December. The chart shows that during this time, the daily average water temperature was mostly between 54 and 68 degrees Fahrenheit with 2015 being mostly above 68 degrees Fahrenheit.

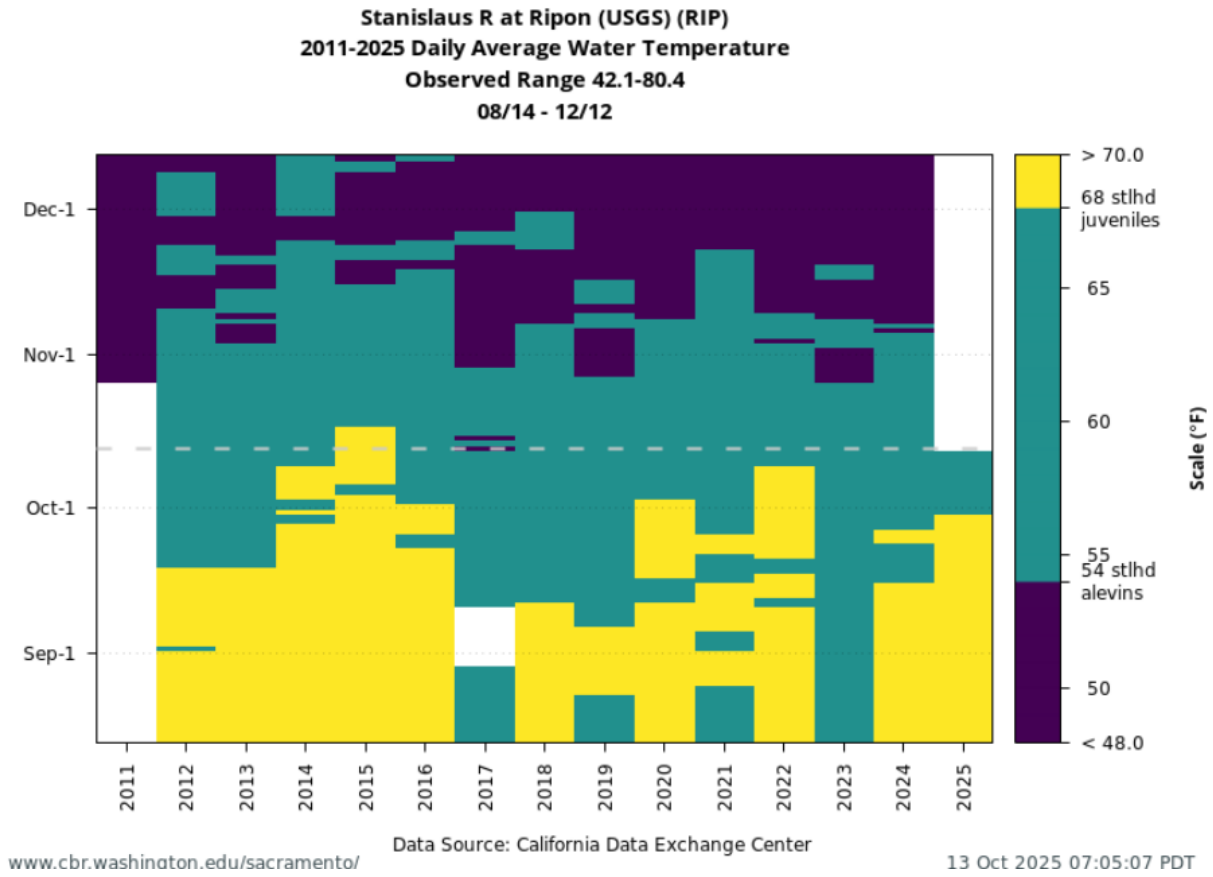


Figure 7. Stanislaus River water temperatures at Ripon for WY 2011 to present. Figure from SacPAS website using RIP station data from CDEC; temperature threshold reference line added by SWT.

Figure 7 is a bar chart showing water temperatures at Ripon for WY 2011 to present for August to December. The chart shows that during this time, the daily average water temperature was mostly above 68 degrees Fahrenheit September through mid-October, between 54 and 68 degrees Fahrenheit during October and early December, and periods below 54 degrees Fahrenheit in November and December.

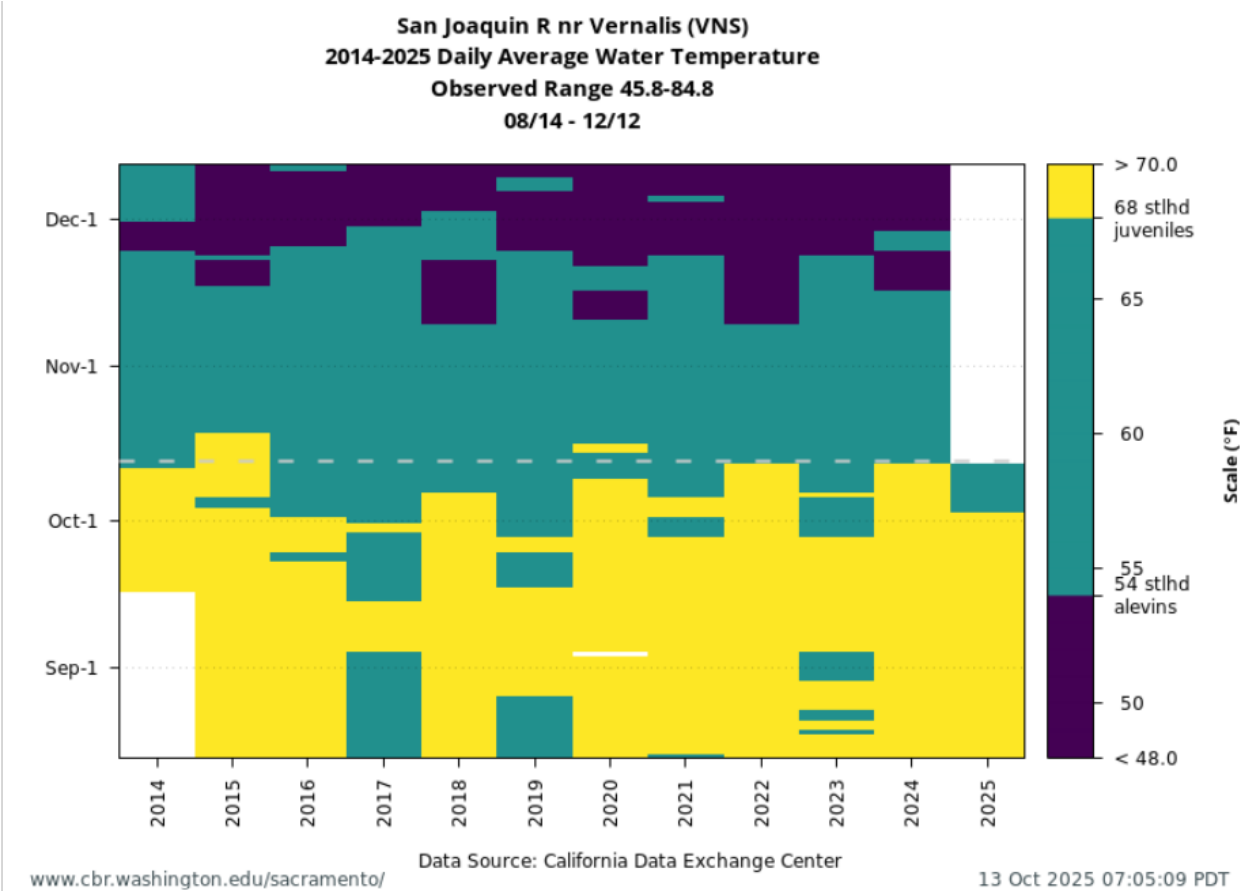


Figure 8. San Joaquin River water temperatures at Vernalis for WY 2014 to present. Figure from SacPAS website using VNS station data from CDEC; temperature threshold reference line added by SWT.

Figure 8 is a bar chart showing water temperatures at Vernalis for WY 2014 to present for August to December. The chart shows that during this time, the daily average water temperature was mostly above 68 degrees Fahrenheit during September to October.

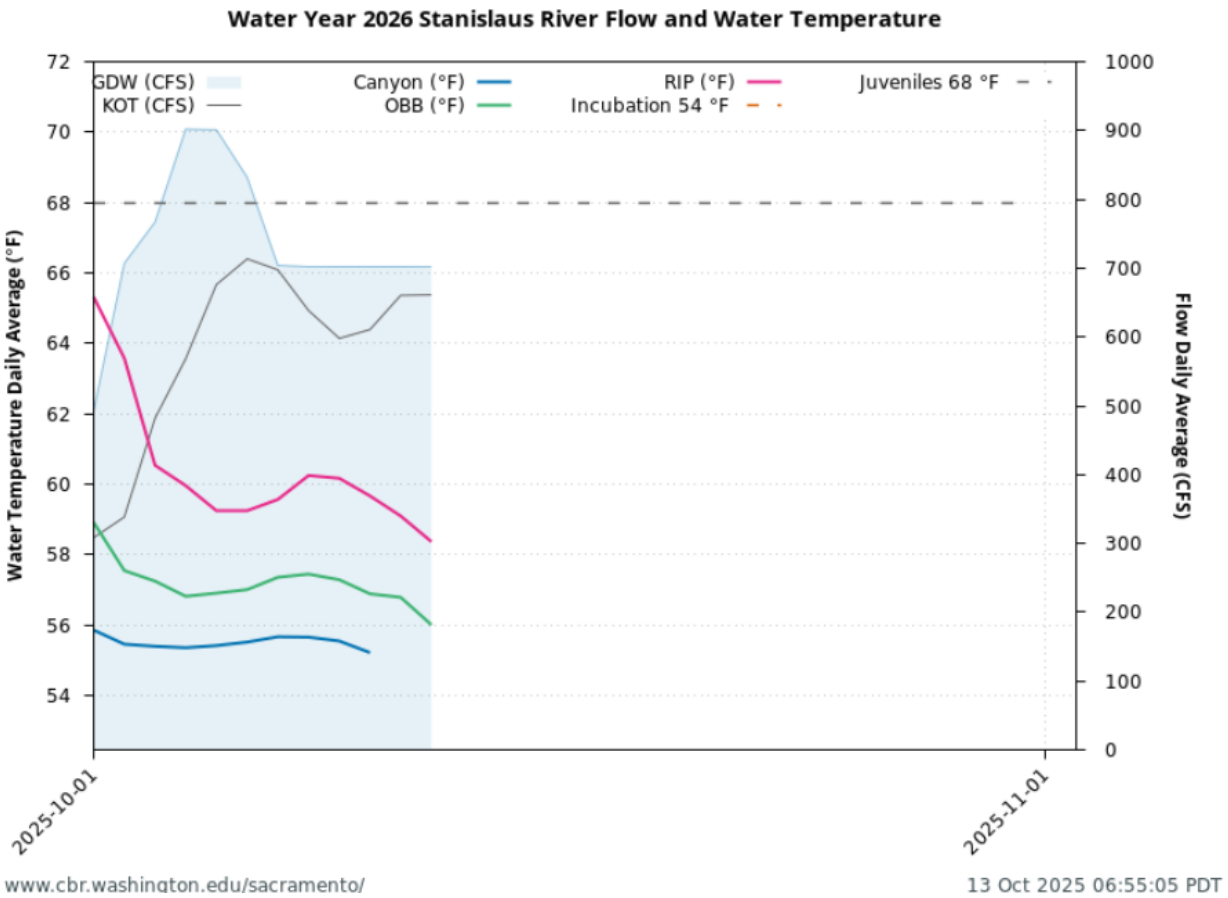


Figure 9. Stanislaus River flow and water temperatures from October 1, 2025 to October 13, 2025. Data (including temperature threshold reference lines) from SacPAS. Please be aware that due to malfunctions with the temperature gauge at Orange Blossom Bridge, the data should be noted as unreliable.

Figure 9 is a line chart showing river flow and water temperatures on the Stanislaus River. The graph shows decreasing temperatures and flow from October 1, 2025 to October 13,2025.

CDFW and USBR

Updates on Flow Planning
To be shared/discussed at the meeting.

CDFW Update

Update on Fish Monitoring (Adults)
Chinook carcass and redd surveys: The California Department of Fish & Wildlife (CDFW) began conducting fall-run and spring-run Chinook salmon carcass and redd survey the week of September 15,2025 for the Stanislaus, Tuolumne and Merced Rivers. Carcass survey data for all three San Joaquin River tributaries through the week of October 6, 2025 are reported in Table 5.

Table 5: Data from the fall 2025 CDFW carcass survey for the San Joaquin tributaries.

River	Week	Date	# Live	# Redds	# Skeletons	# Tagged	#Ad-Clipped	# Scale Samples	# Recover-ed	Average Flow (cfs)
Stanislaus	1	9/15/2025	20	9	6	5	5	6	0	200
Stanislaus	2	9/22/2025	47	36	2	1	1	2	3	200
Stanislaus	3	9/29/2025	140	92	1	7	6	8	0	500
Stanislaus	4	10/6/2025	163	108	4	19	20	21	0	700
Tuolumne	1	9/15/2025	348	28	1	1	2	2	0	200
Tuolumne	2	9/22/2025	476	75	6	14	19	19	0	200
Tuolumne	3	9/29/2025	465	173	70	107	139	146	3	180
Tuolumne	4	10/6/2025	300	109	27	141	149	163	45	200
Merced	1	9/15/2025	2	0	0	0	0	0	0	712
Merced	2	9/22/2025	26	0	0	1	1	1	0	175
Merced	3	9/29/2025	25	6	1	1	1	1	0	225
Merced	4	10/6/2025	17	5	0	1	1	1	0	217

Update on Fish Monitoring (Juveniles)

Mossdale Trawl
Trawl operations have shifted from joint CDFW/USFWS operations to USFWS only in October.

No salmonid captures since June 2025; updates will resume when juvenile fish are captured.

FISHBIO Updates

Updates

Stanislaus River Weir: As of October 12, 2025, a total of 1,325 adult Chinook salmon have passed upstream of the Stanislaus River weir (Table 6; Figure 10). One-hundred-ninety (14%) of the adults were adipose fin clipped (indicating hatchery origin). Two ad-clipped O. mykiss (Table 6; Figure 13) have been observed passing the Stanislaus River weir as of October 12, both over 16 inches (Figure 15).

Figure 10. Female (left) and male (right) Chinook salmon recorded by Simsonar at the Stanislaus River weir.

Figure 10 is an image of an adult female and male Chinook salmon recorded by Simsonar at the Stanislaus River weir.

Table 6: Chinook passage at the Stanislaus River Weir as of April 8 of each year and the season totals.

Year	Monitoring Start Date	Net Passage To Date	Season Total
2025	9/11/25	1,325	1,325
2024	9/5/24	227	3,643
2023	9/6/23	244	2,443
2022	9/15/22	95	3,798
2021	9/8/21	344	6,032
2020	9/10/20	108	1,906
2019	8/29/19	110	2,594
2018	9/5/18	417	4,779
2017	9/15/17	465	8,500
2016	9/8/16	555	14,399

Year	Monitoring Start Date	Net Passage To Date	Season Total
2015	9/15/15	102	12,707
2014	9/5/14	378	5,527
2013	9/3/13	767	5,452
2012	9/11/12	989	7,248
2011	11/8/11	ns	776
2010	9/7/10	238	1,364
2009	9/9/09	275	1,303
2008	9/9/08	253	928
2007	9/22/07	5	439
2006	9/8/06	34	3,074
2005	9/8/05	317	4,124
2004	9/10/04	560	4,448
2003	9/5/03	1,730	4,848

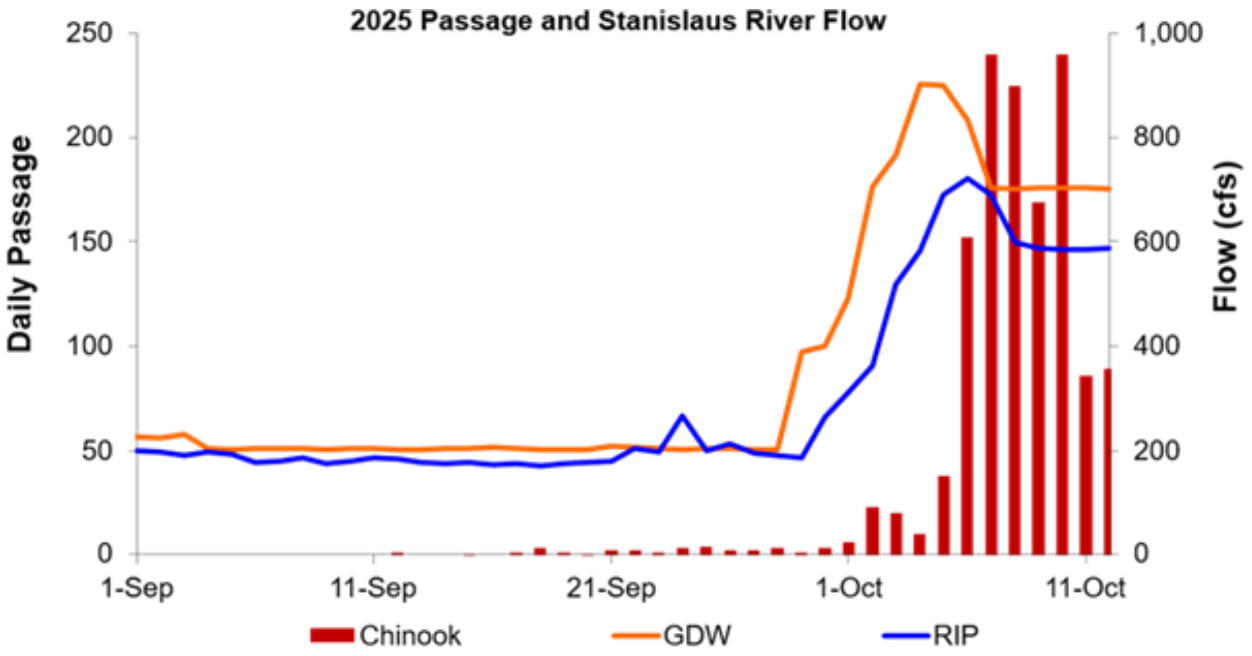


Figure 11. Daily Chinook passage at the Stanislaus River weir and river flow at Goodwin (GDW) and Ripon (RIP), 2025.

Figure 11 is a graph of daily Chinook passage at the Stanislaus River weir and river flow at Goodwin and Ripon. Graph shows most of the Chinook passage occurred in October 2025.

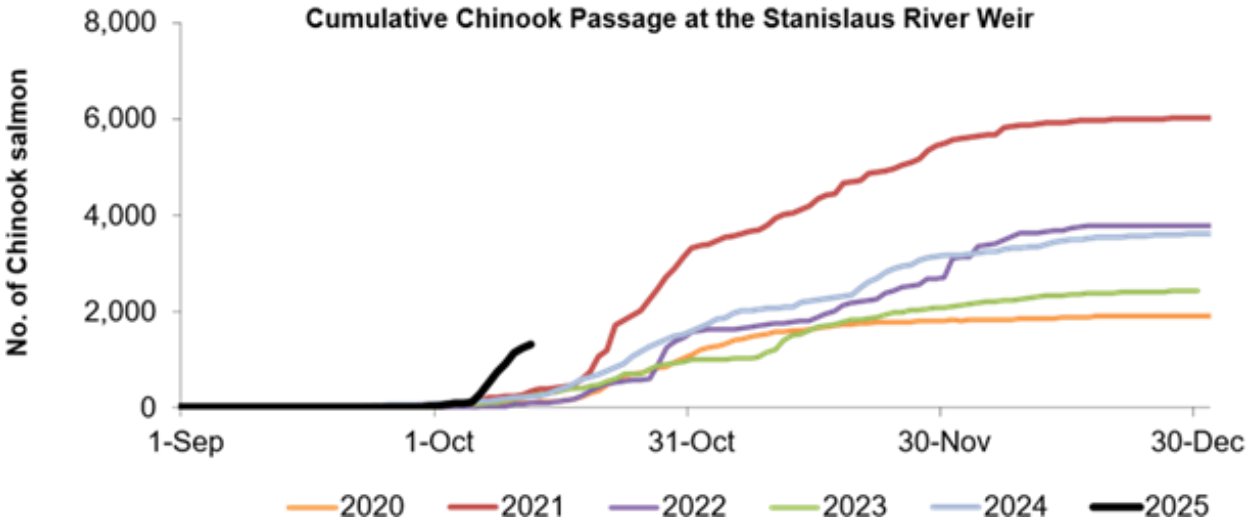


Figure 12. Cumulative Chinook passage at the Stanislaus River weir during 2020-2025

Figure 12 is a graph of cumulative Chinook passage at the Stanislaus River, which shows a high increase in passage early in October compared to other years.

Figure 13. Ad-clipped O. mykiss recorded by the Simonar at the Stanislaus River weir.

Figure 13 is an image of ad-clipped O. mykiss recorded by the Simonar at the Stanislaus River weir.

Table 7: O. mykiss passage at the Stanislaus River Weir as of October 12 of each year and the season totals.

Year	Monitoring Start Date	Net Passage To Date	Season Total
2025	9/11/25	2	2
2024	9/5/24	2	2
2023	9/6/23	7	55
2022	9/15/22	0	6
2021	9/8/21	1	50
2020	9/10/20	0	8
2019	8/29/19	8	31
2018	9/5/18	0	25
2017	9/15/17	2	11
2016	9/8/16	2	25
2015	9/15/15	0	5
2014	9/5/14	0	8
2013	9/3/13	2	39
2012	9/11/12	0	101
2011	11/8/11	ns	86
2010	9/7/10	0	6
2009	9/9/09	4	9
2008	9/9/08	0	15
2007	9/22/07	0	2
2006	9/8/06	2	12
2005	9/8/05	0	0
2004	9/10/04	0	1
2003	9/5/03	0	0

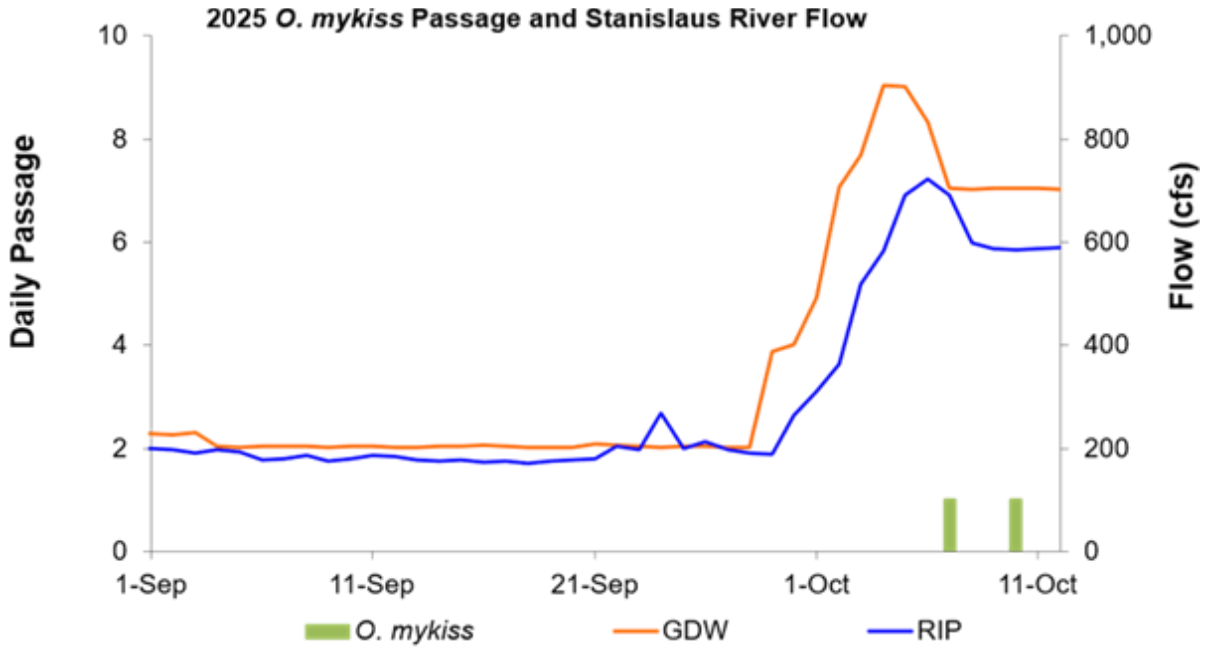


Figure 14. Daily O. mykiss passage at the Stanislaus River weir and river flow at Goodwin (GDW) and Ripon (RIP), 2025.

Figure 14 is a graph of daily O. mykiss passage at the Stanislaus River weir and river flow at Goodwin and Ripon. Graph shows most of the O.mykiss passage occurred in October 2025.

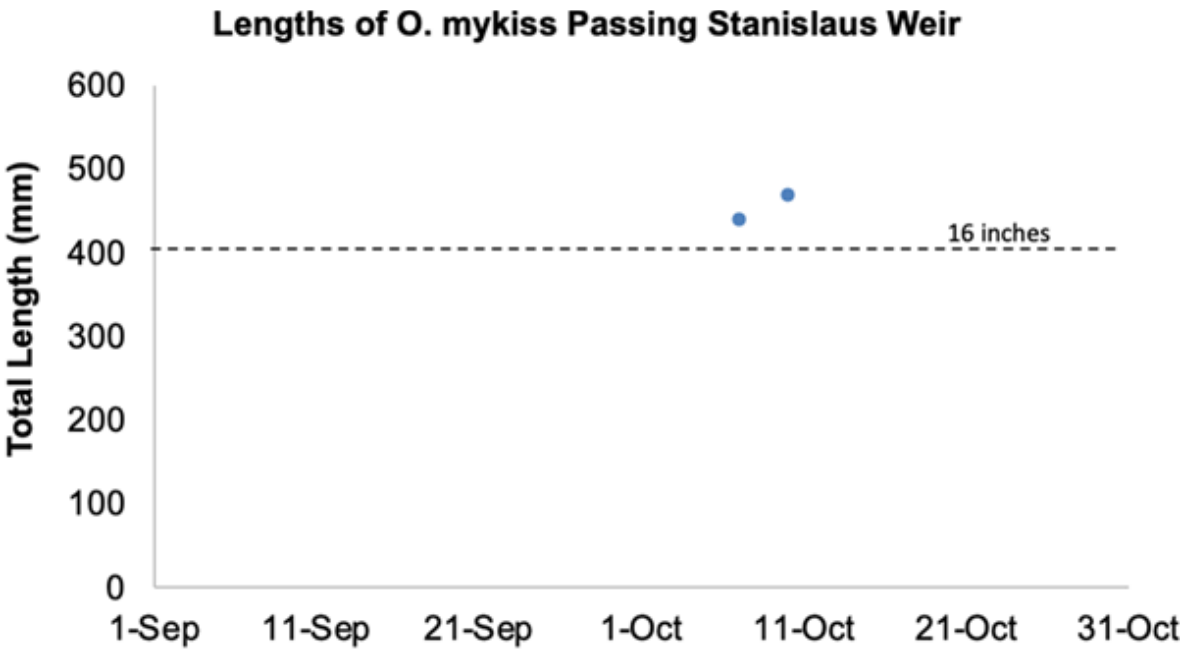


Figure 15. Total length (mm) of O. mykiss passing the Stanislaus River weir, 2025.

Figure 15 is a graph of total lengths of O. mykiss passing the Stanislaus River weir, with two recorded early October 2025 around 16 inches.

PSMFC Updates

Updates
To be shared/discussed at the meeting.