BUREAU OF RECLAMATION

Stanislaus Watershed Team

August 20, 2025

Members Attending

- USBR: Cat Pien, Chase Ehlo, Mechele Pacheco, Myrna Girald Perez, Randi Field
- USFWS: Erika Holcombe
- CDFW: Crystal Rigby, Travis Apgar, Ryan Kok, Gretchen Murphey
- NMFS: Paula Higginson
- DWR: N/A.
- SWRCB: Chris Carr, Yongxuan Gao
- PSMFC: Hunter Morris
- SSJID: N/A.
- FISHBIO: N/A
- Stockton East Water District (SEWD): N/A
- WAPA: N/A
- Attorney Offices: N/A.
- Kearns & West: Nora De Cuir and Anh Hoang

Action Items

- All SWT to please provide feedback on the proposed fall flow planning schedule by 5 pm, next Wednesday, August 27.
    - Comments should be sent to Reclamation (Myrna), cc: CDFW (Gretchen). Myrna distributed the proposed fall flow planning schedule yesterday afternoon via email (subject line: "Request for Comments: WY 2026 Stan River Proposed Fall Pulse Flow + 2021 Stepped Release Plan").

- Reclamation (Chase and/or Myrna) to reach out to FISHBIO and confirm that the proposed flow schedule does not conflict with the timing of weir installation.
- K&W (Mia) to coordinate with SWT to plan a field trip to Goodwin, Tulloch and New Melones. Consider overlap with an end-of-year in person meeting.

Announcements

- Nora De Cuir, K&W, is filling in for Mia Schiappi for 8/20/2025 SWT meeting. Anh Hoang, K&W, is filling in for Brita Romans for 8/20/2025 SWT meeting
    - SRG packets were sent out by Brita Romans, K&W.
    - Mia and Brita will resume their roles as facilitator and notetaker, respectively for September.

Operations Update and Forecasts/Hydrology

New Melones Reservoir Update

- New Melones accumulated inflow remains much lower than the 15-year average.
- As of 8/17/2025, accumulated inflow was 628 TAF.
- New Melones inflow is currently at 62% of average.
- New Melones precipitation is currently 73% of average. Reclamation noted that precipitation remains at the same percentage as the July measurements at 19.54 inches. Reclamation noted they have not measured additional precipitation this past month.

Daily CVP Water Supply

- As of 8/17/2025, New Melones storage measured 1.68 million acre feet (MAF).
    - Storage projections show:
        - At 50% exceedance, storage is expected to be 1.6 MAF by the end of September.
        - At 90% exceedance, storage is projected at 1.59 MAF.
- Storage levels are lower than they were in 2024 but are higher than the 15-year average. Storage continues to decrease as releases continue.
- Reclamation reviewed the New Melones Dam & Lake – Stanislaus River Basin plot showing the progression throughout the WY. There is a dip in storage and then outflows are higher than inflows to New Melones. No additional precipitation was recorded at the reservoir.
- New Melones Lake Daily Operations showed a decrease in storage. On 7/29/2025, a -5.3 change was observed due to recalibration of the elevation on that date, which

affected the calculation of storage change. This decrease can be observed in the Change column in the handout.

Tulloch

- Please see the meeting packet for more information.

Goodwin

- Goodwin Dam releases were 227 cfs as of 8/17/2025, which is above the 200 cfs minimum due to dissolved oxygen (DO) requirements at Ripon. Current releases are below the 15-year median.
    - Releases in July decreased following the June pulse flows, which had been increased to meet the Vernalis Objective. Reclamation aimed to reduce flows to the 200 cfs minimum but maintained higher releases due to temperature management and dissolved oxygen (DO) requirements at Ripon.
        - On 8/15, the Ripon DO gauge began reporting faulty data after silt entered the measurement device.
        - On 8/14/2025, the gauge was recalibrated, but issues arose again on 8/15/2025.
        - On 8/18/2025, silt was confirmed to be the source of the interference. The pump is planned to be replaced and cleaned this week 8/18-8/22.
- Due to the unreliable Ripon DO data and in anticipation of high-temperatures, Goodwin Dam is currently releasing 250 cfs.
    - Releases increased from 200 to 225 cfs on 8/15/2025.
    - Releases will increase from 225 to 250 cfs on 8/20/2025.

Questions/Comments

- CDFW asked what is the Ripon DO requirement?
    - Reclamation responded: 7 mg/L.

Water Temperature Updates

- NMFS is monitoring temperatures at Knights Ferry, Orange Blossom Bridge (OBB), and Ripon.
- At Knights Ferry, a recent steep dip in temperatures was observed. The drop looks suspicious and may reflect gauge error, though some cooler air temperatures were recorded during this period.
- At OBB, daily temperatures appear stable despite known logger issues. The min–max plots show a dip, but overall conditions remain within expected ranges.

- At Ripon, temperatures increased following spring pulse flows and subsequent flow reductions, then stabilized. These changes are consistent with expected seasonal patterns.

Questions/Comments

- CDFW confirmed with NMFS that the recent dips in water temperature may be linked to local air temperature changes. Air temperatures in the area dropped from ~97°F to ~87°F, which could explain this discrepancy.
    - At Knights Ferry, another dip corresponded with a significant air temperature decrease, though the steepness of the drop still looks suspicious.
    - CDFW confirmed there have been some cooler air temperatures overall. While the first Knights Ferry dip remains questionable, cooler conditions have been noticeable and appreciated.
    - Reclamation noted that if the data was interpreted earlier in the day, it would show a larger min-max range.

Flow Planning

- CDFW reviewed the base flow schedule/2025 Stanislaus Fall Planning which is from the 2019 consultation. While this does not present an issue for current planning, the updated volumes will need to be incorporated for the WIP planning.
- The current graph shows the default dry flow schedule (blue line) compared with reshaped pulse flows (orange lines), which include three peaks and lower flows on Tuesdays to allow crews access to the canyon.
- Other than the observation from NMFS regarding the outdated schedule, no additional feedback has been received.
    - Gretchen Murphey (CDFW) requested input ahead of implementation to avoid last-minute changes.

Questions/Comments

- Reclamation asked for agencies' feedback on the plan. They will continue to work on the Ops plan and send it to the SWT and SRF once it has gone through the internal review.
- Do you know how much more volume you get with the new BiOp information?
    - The 2024 consultation flow schedule consolidated the two peaks (January and February) into a single peak. The volume in the new peak is greater than the combined total of the original two peaks, though the exact difference was not recalled.
        - Reclamation noted they can look at the schedule and reshare with the team.

- SWRCB noted Erin Foresman, the section manager who typically attends these meetings, may have feedback but is currently out of the office until next Monday, 8/25. Feedback from Foresman is expected by next Wednesday, 8/27.
- SWRCB provided a technical perspective, the October monthly average is projected at less than 1,000 cfs, which is below the Vernalis median flow. Additional clarity is needed on scheduled flows from the Tuolumne and Merced rivers.
- For the Merced and Tuolumne, pulse flows are planned for fish benefits and not planned to meet the Vernalis requirements.
- For the Tuolumne, no schedule has been set; discussions are underway. Approximately 1,000 AF of pulse flow and 15,000 AF of interpolation water are available, with shaping decisions pending.
- For the Merced, 12,500 AF is allotted for a fall pulse flow under its water right, which must be used in October. A pulse flow is planned, though the final release volume will depend on the base flow used as a foundation.
- Erika raised the idea of improved coordination across watersheds and flow planning, noting that JD previously organized the San Joaquin River Fish Agency Technical Team (SJRFATT) group. She suggested this may be worth re-examining and offered to follow up with Gretchen.
- In response, it was noted that coordination is occurring, though more piecemeal, as the formal group has not been continued. While JD had hoped the SJRFATT group would be picked up, current efforts focus on planning and coordination without convening full group meetings. A number of SWT members agreed that further offline discussion would be beneficial, as broader coordination remains valuable.

Stanislaus River Forum (SRF) Call Review

- A member of the public (from the rafting community) joined the call and asked for flows in the range of 700-800cfs on the weekends for rafting trips.
- On 8/19/2025, the quarterly SRF meeting was held with members of the public in attendance, including Cramer Fish Science.
- Reclamation presented updates on operations, water temperature, fish, and restoration. Gretchen highlighted a dip in water temperature and requested comments, but no feedback was provided from the SRF.
- The group also discussed the proposed fall pulse flow. The only questions raised during the SRF meeting were about the process and procedure, and it was noted that the pulse flow schedule will be distributed following the meeting for public review and comment.
    - No additional input was provided by public attendees.

Fish Monitoring

CDFW Fish Monitoring

- Carcass surveys will officially begin in early October, with the possibility of starting in late September.
- Five salmon carcasses were found during recent boat operation training.
- A group of 50–100 spring-run salmon was observed in April downstream of Knights Ferry.
- The Mossdale Trawl is ongoing year-round in coordination with USFWS.
    - No new salmon have been caught recently.
    - Trawl updates will be paused until salmon are caught again, likely resuming in January.

FISHBIO Updates

No one from FISHBIO provided updates at the SWT meeting but confirmed via email:

- Stanislaus Weir: FISHBIO received an extension on funding to operate the Stanislaus River. The weir for Fall 2025 through Spring 2026. The weir will go back in the water in early September 2025.

Restoration Project Updates

- Reclamation did not have any new updates on projects.
- USFWS shared the following updates:
- No major progress reported on projects.
    - Caswell State Park project received second-year funding approval (submitted in April), providing unexpected movement on the project.
    - Buffington project is still awaiting permit approvals; construction planned for this fall may be delayed due to seasonal timing constraints.
        - Project funding includes a portion set to expire in June 2026, increasing the urgency to begin work this fall.
- CDFW shared the following updates from information shared by Cramer Fish Science at SRF:
    - The Buffington Restoration Project still has U.S. Army Corps of Engineers permits pending.
    - If approvals are not secured by the end of August, in-river construction will not be possible this season.

Other Discussion Items

SWRCB Updates

- N/A

General Updates

- The Salmon Festival is on November 8, 2025.

Items to elevate to WOMT

- N/A

Next Meeting

Wednesday, September 17, 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, August 20, 2025

Agenda

1. Introductions
2. Ground Rules[1]
3. Announcements
    a. Kearns & West staff transitions
4. Operations Update and Forecasts/Hydrology – Mechele Pacheco, USBR
5. Temperature Updates– Evan Sawyer, NMFS
6. Flow Planning– Myrna Girald Pérez, USBR and Gretchen Murphey, CDFW

[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

7. Stanislaus River Forum (SRF) Call Review– Myrna Girald Pérez, USBR
8. Fish Monitoring and Studies – CDFW, FISHBIO
9. Restoration Project Updates
    a. Erika Holcombe, USFWS
    b. Cat Pien, USBR
10. Other Discussion Items
    a. SWRCB Updates
    b. Items to elevate to WOMT
11. Review Action Items– Nora DeCuir, Kearns & West
12. Next Meeting: Wednesday, September 17, 2025

Tables for BDO

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

August 17, 2025
Run Date: August 18, 2025

Table 1. Reservoir Releases in Cubic Feet Per Second

Reservoir	Dam	WY 2024	WY 2025	15-Year Median
Trinity	Lewiston	445	454	452
Sacramento	Keswick	11,570	9,508	9,984
Feather	Oroville (SWP)	8,000	7,000	5,500
American	Nimbus	3,406	2,014	2,945
Stanislaus	Goodwin	303	227	295
San Joaquin	Friant	434	0	419

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

Reservoir	Capacity	15-Yr Avg	WY 2024	WY 2025	% O 15 Yr Avg
Trinity	2,448	1,502	1,872	2,010	134
Shasta	4,552	2,757	3,186	2,983	108
Folsom	977	540	545	494	91
New Melones	2,420	1,407	1,895	1,680	119
Fed. San Luis	966	316	428	253	80
Total North CVP	11,363	6,522	7,926	7,420	114
Millerton	521	309	271	0	0
Oroville (SWP)	3,425	2,028	2,491	2,493	123

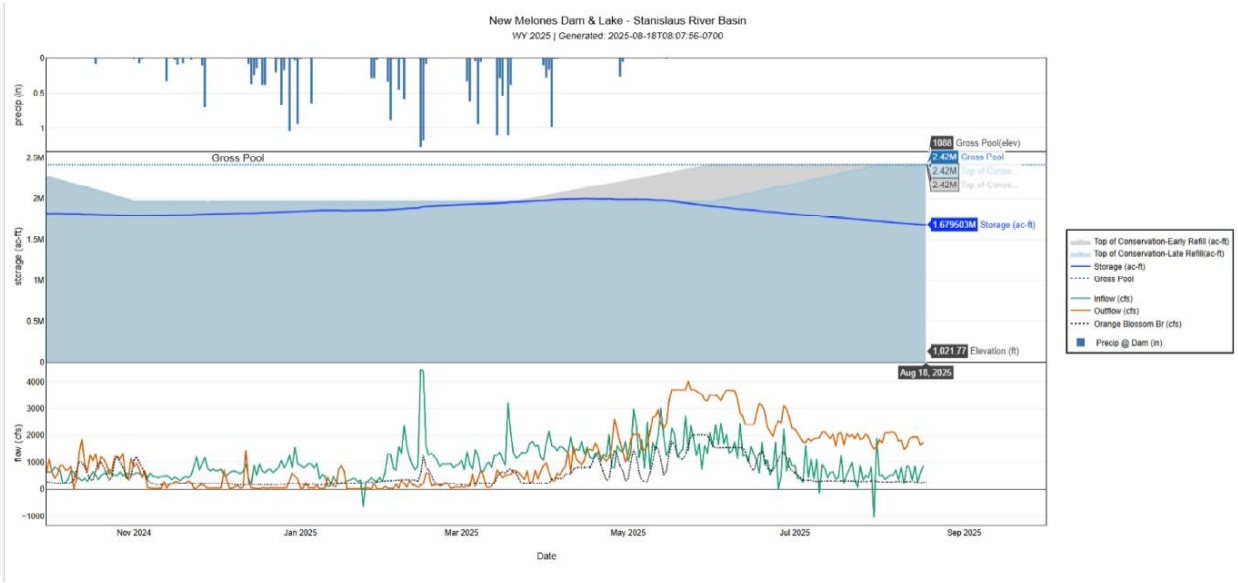
Table 3. Accumulated Inflow for water Year to Date in Thousands of Acre-Feet

Reservoir	Current WY 2025	WY 1977	WY 1983	15-Yr Avg	% O 15 Yr Avg
Trinity	1,611	201	2,833	1,099	147
Shasta	6,415	2,301	10,376	4,652	138
Folsom	2,170	319	6,314	2,554	85
New Melones	628	N/A	2,668	1,006	62

Reservoir	Current WY 2025	WY 1977	WY 1983	15-Yr Avg	% O 15 Yr Avg
Millerton	1,119	302	4,393	1,561	72

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

Reservoir	Current WY 2023	WY 1977	WY 1983	Avg (N Yrs)	% of Avg	Last 24 Hours
Trinity at Fish Hatchery	35.89	12.11	55.19	30.23 (65)	119	0.04
Sacramento at Shasta Dam	66.79	17.42	112.58	58.93 (70)	113	0.03
American at Blue Canyon	69.66	15.64	103.88	63.98 (51)	109	0.00
Stanislaus at New Melones	19.54	N/A	45.33	26.66 (48)	73	0.00
San Joaquin at Huntington LK	29.44	17.40	82.40	39.79 (52)	74	0.00



New Melones Dam & Lake – Stanislaus River Basin, 2025-08-18T08:07:58-0700

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.

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

New Melones Lake Daily Operations, July 2025, Run Date: 08/10/2025

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	1,814.7	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
1	1,034.68	1,811.1	-3.6	420	2,094	0	0	165	0.49	0.00
2	1,034.34	1,807.5	-3.5	440	2,064	0	0	162	0.48	0.00
3	1,034.03	1,804.3	-3.2	278	1,765	0	0	141	0.42	0.00
4	1,033.98	1,803.8	-0.5	1,634	1,751	0	0	145	0.43	0.00
5	1,033.68	1,800.7	-3.1	469	1,891	0	0	148	0.44	0.00
6	1,033.52	1,799.0	-1.7	1,100	1,799	0	0	138	0.41	0.00
7	1,033.21	1,795.8	-3.2	409	1,883	0	0	148	0.44	0.00
8	1,033.03	1,793.9	-1.9	1,105	1,899	0	0	148	0.44	0.00
9	1,032.61	1,789.6	-4.3	-144	1,916	0	0	131	0.39	0.00
10	1,032.35	1,786.9	-2.7	918	2,127	0	0	147	0.44	0.00
11	1,032.06	1,783.9	-3.0	780	2,135	0	0	157	0.47	0.00
12	1,031.73	1,780.5	-3.4	446	2,008	0	0	154	0.46	0.00
13	1,031.46	1,777.7	-2.8	635	1,885	0	0	153	0.46	0.00
14	1,031.16	1,774.6	-3.1	655	2,051	0	0	163	0.49	0.00
15	1,030.90	1,771.9	-2.7	400	1,616	0	0	133	0.40	0.00
16	1,030.56	1,768.4	-3.5	464	2,082	0	0	143	0.43	0.00
17	1,030.37	1,766.5	-2.0	1,239	2,097	0	0	126	0.38	0.00
18	1,030.07	1,763.4	-3.1	229	1,660	0	0	123	0.37	0.00
19	1,029.75	1,760.1	-3.3	555	2,072	0	0	136	0.41	0.00
20	1,029.49	1,757.4	-2.7	746	1,956	0	0	132	0.40	0.00
21	1,029.26	1,755.1	-2.4	991	2,032	0	0	146	0.44	0.00
22	1,028.94	1,751.8	-3.3	354	1,882	0	0	122	0.37	0.00
23	1,028.53	1,747.6	-4.2	73	2,079	0	0	102	0.31	0.00
24	1,028.32	1,745.5	-2.1	885	1,855	0	0	109	0.33	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	1,028.00	1,742.2	-3.3	361	1,898	0	0	109	0.33	0.00
26	1,027.68	1,739.0	-3.3	530	2,058	0	0	112	0.34	0.00
27	1,027.37	1,735.8	-3.2	457	1,938	0	0	108	0.33	0.00
28	1,027.18	1,733.9	-1.9	828	1,690	0	0	112	0.34	0.00
29	1,026.66	1,728.6	-5.3	-1,030	1,521	0	0	108	0.33	0.00
30	1,026.70	1,729.0	0.4	1,902	1,576	0	0	121	0.37	0.00
31	1,026.41	1,726.1	-2.9	521	1,851	0	0	151	0.46	0.00
Totals	N/A	N/A	-88.8	18,650	59,131	0	0	4,193	12.60	0.00
Acre-Feet	N/A	N/A	-88,800	36,992	117,286	0	0	8,317	N/A	N/A

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

Summary Precipitation

This Month	0.00
October 1, 2024 to Date	N/A
October 1, 2024 to Date	19.54

Summary: Release (acre- feet)

Release (acre-feet)	N/A
Power	117,286
Spill	0
Outlet	0
Total	**117,286**

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

New Melones Lake Daily Operations, August 2025, Run Date: 08/18/2025

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	2,032.8	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
1	1,026.15	1,723.5	-2.6	541	1,744	0	0	124	0.38	0.00
2	1,025.79	1,719.8	-3.6	383	2,090	0	0	127	0.39	0.00
3	1,025.46	1,716.5	-3.3	464	1,983	0	0	160	0.49	0.00
4	1,025.15	1,713.4	-3.1	541	1,997	0	0	121	0.37	0.00
5	1,024.81	1,709.9	-3.4	536	2,136	0	0	127	0.39	0.00
6	1,024.53	1,707.1	-2.8	724	2,039	0	0	104	0.32	0.00
7	1,024.23	1,704.1	-3.0	385	1,802	0	0	104	0.32	0.00
8	1,024.00	1,701.8	-2.3	814	1,831	0	0	149	0.46	0.00
9	1,023.71	1,698.9	-2.9	197	1,503	0	0	159	0.49	0.00
10	1,023.54	1,697.2	-1.7	867	1,590	0	0	136	0.42	0.00
11	1,023.30	1,694.8	-2.4	809	1,879	0	0	143	0.44	0.00
12	1,022.96	1,691.4	-3.4	350	1,938	0	0	129	0.40	0.00
13	1,022.72	1,689.0	-2.4	863	1,948	0	0	123	0.38	0.00
14	1,022.37	1,685.5	-3.5	293	1,932	0	0	123	0.38	0.00
15	1,022.14	1,683.2	-2.3	615	1,660	0	0	113	0.35	0.00
16	1,021.94	1,681.2	-2.0	852	1,742	0	0	116	0.36	0.00
17	1,021.77	1,679.5	-1.7	1,015	1,781	0	0	87	0.27	0.00
Totals	N/A	N/A	-46.4	10,249	31,595	0	0	2,145	6.61	0.00
Acre-Feet	N/A	N/A	-46,400	20,329	62,669	0	0	4,255	N/A	N/A

Comments:

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

Summary Precipitation

This Month	0.00
October 1, 2024 to Date	N/A
October 1, 2024 to Date	19.54

Summary: Release (acre-feet)

Release (acre-feet)	N/A
Power	62,669
Spill	0
Outlet	0
Total	**62,669**

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

Tulloch Reservoir Daily Operations, July 2025, Run Date: 08/10/2025

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	65,375	N/A	N/A	N/A	N/A	N/A	N/A	N/A
1	508.80	65,474	99	2,107	2,094	2,037	0	0	20
2	508.87	65,560	86	2,113	2,064	2,051	0	0	19
3	508.55	65,166	-394	1,796	1,765	1,978	0	0	17
4	508.15	64,674	-492	1,751	1,751	1,982	0	0	17
5	508.14	64,661	-13	1,911	1,891	1,901	0	0	17
6	508.08	64,587	-74	1,835	1,799	1,856	0	0	16
7	507.97	64,453	-134	1,923	1,883	1,974	0	0	17
8	507.85	64,307	-146	1,924	1,899	1,981	0	0	17
9	507.67	64,089	-218	1,931	1,916	2,026	0	0	15
10	507.84	64,295	206	2,166	2,127	2,045	0	0	17
11	508.02	64,514	219	2,174	2,135	2,045	0	0	19
12	508.12	64,637	123	2,038	2,008	1,958	0	0	18
13	508.29	64,846	209	1,917	1,885	1,794	0	0	18
14	508.65	65,289	443	2,100	2,051	1,857	0	0	20
15	508.30	64,858	-431	1,618	1,616	1,819	0	0	16
16	508.65	65,289	431	2,130	2,082	1,896	0	0	17
17	508.88	65,572	283	2,129	2,097	1,971	0	0	15
18	508.21	64,748	-824	1,679	1,660	2,079	0	0	15
19	508.32	64,883	135	2,103	2,072	2,019	0	0	16
20	508.38	64,957	74	1,986	1,956	1,933	0	0	16
21	508.55	65,166	209	2,077	2,032	1,954	0	0	18
22	508.36	64,932	-234	1,900	1,882	2,003	0	0	15
23	508.69	65,338	406	2,085	2,079	1,868	0	0	12
24	508.58	65,203	-135	1,877	1,855	1,932	0	0	13
25	508.41	64,994	-209	1,924	1,898	2,016	0	0	13
26	508.64	65,277	283	2,083	2,058	1,926	0	0	14
27	509.02	65,745	468	1,975	1,938	1,726	0	0	13
28	509.12	65,870	125	1,733	1,690	1,656	0	0	14
29	508.41	64,994	-876	1,520	1,521	1,949	0	0	13
30	507.82	64,271	-723	1,593	1,576	1,943	0	0	15
31	507.62	64,028	-243	1,879	1,851	1,984	0	0	18

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)
Totals	N/A	N/A	-1,347	59,977	59,131	60,159	0	0	500
Acre-Feet	N/A	N/A	-1,347	118,964	117,286	119,325	0	0	992

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	119,325
Spill	0
Outlet	0
Total	**119,325**

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

Tulloch Reservoir Daily Operations, August 2025, Run Date: 08/18/2025

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	64,028	N/A	N/A	N/A	N/A	N/A	N/A	N/A
1	507.23	63,556	-472	1,769	1,744	1,992	0	0	15
2	507.46	63,835	279	2,124	2,090	1,968	0	0	15
3	507.75	64,186	351	2,024	1,983	1,828	0	0	19
4	507.97	64,453	267	2,034	1,997	1,884	0	0	15
5	508.34	64,908	455	2,178	2,136	1,934	0	0	15
6	508.64	65,277	369	2,079	2,039	1,880	0	0	13
7	508.52	65,129	-148	1,823	1,802	1,885	0	0	13
8	508.43	65,018	-111	1,865	1,831	1,903	0	0	18
9	507.88	64,344	-674	1,525	1,503	1,846	0	0	19
10	507.64	64,053	-291	1,610	1,590	1,740	0	0	17
11	507.65	64,065	12	1,900	1,879	1,877	0	0	17
12	507.77	64,210	145	1,978	1,938	1,889	0	0	16
13	508.01	64,501	291	1,982	1,948	1,820	0	0	15
14	508.11	64,624	123	1,943	1,932	1,866	0	0	15
15	507.70	64,125	-499	1,719	1,660	1,957	0	0	14
16	507.68	64,101	-24	1,781	1,742	1,779	0	0	14
17	507.86	64,319	218	1,775	1,781	1,654	0	0	11
Totals	NA	NA	291	32,109	31,595	31,702	0	0	261
Acre-Feet	NA	NA	291	63,688	62,669	62,881	0	0	518

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	62,881
Spill	0
Outlet	0
Total	**62,881**

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

Goodwin Reservoir Daily Operations, July 2025, Run Date: 08/10/2025

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	577	N/A	N/A	N/A	N/A	N/A	N/A
1	359.96	534	-5	2,037	0	502	927	454
2	359.91	531	-3	2,051	0	407	962	497
3	359.83	525	-6	1,978	0	311	1,021	464
4	359.82	524	-1	1,982	0	301	992	502
5	359.81	524	0	1,901	0	303	993	435
6	359.82	524	0	1,856	0	302	957	411
7	359.80	523	-1	1,974	0	252	1,014	490
8	359.80	523	0	1,981	0	253	1,016	194
9	359.80	523	0	2,026	0	252	1,027	500
10	359.82	524	1	2,045	0	276	1,023	500
11	359.82	524	0	2,045	0	275	1,026	501
12	359.82	524	0	1,958	0	276	1,024	440
13	359.82	524	0	1,794	0	276	995	325
14	359.83	525	1	1,857	0	275	1,024	350
15	359.84	526	1	1,819	0	275	973	360
16	359.84	526	0	1,896	0	276	963	431
17	359.85	527	1	1,971	0	276	1,025	447
18	359.85	527	0	2,079	0	276	1,065	500
19	359.85	527	0	2,019	0	278	1,074	450
20	359.85	527	0	1,933	0	276	1,041	427
21	359.86	527	0	1,954	0	276	1,081	399
22	359.85	527	0	2,003	0	251	1,082	483
23	359.85	527	0	1,868	0	254	1,064	405
24	359.85	527	0	1,932	0	254	1,077	405
25	359.85	527	0	2,016	0	253	1,076	470

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	359.85	527	0	1,926	0	252	1,047	440
27	359.87	528	1	1,726	0	276	945	351
28	359.88	529	1	1,656	0	276	864	348
29	359.88	529	0	1,949	0	276	1,015	463
30	359.86	527	-2	1,943	0	254	1,075	426
31	359.85	527	0	1,984	0	209	1,076	499
Totals	N/A	N/A	-12	60,159	0	8,749	31,544	13,367
Acre-Feet	N/A	N/A	-12	119,325	0	17,354	62,568	26,513

Joint Main Operated by SSJID and OID.

Summary: Release (acre-feet)

Joint Main Canal	62,568
South Main Canal	26,513
Outlet	0
Spill	17,354
Total	**106,435**

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

Goodwin Reservoir Daily Operations, August 2025, Run Date: 08/18/2025

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	527	N/A	N/A	N/A	N/A	N/A	N/A
1	359.83	525	-2	1,992	0	227	1,077	500
2	359.82	524	-1	1,968	0	227	1,077	500
3	359.82	524	0	1,828	0	228	1,062	380
4	359.82	524	0	1,884	0	226	1,067	393
5	359.83	525	1	1,934	0	227	1,067	455
6	359.85	527	2	1,880	0	253	1,056	400
7	359.83	525	-2	1,885	0	254	1,035	392
8	359.83	525	0	1,903	0	254	948	451
9	359.83	525	0	1,846	0	253	962	391
10	359.83	525	0	1,740	0	253	957	320
11	359.83	525	0	1,877	0	254	998	421
12	359.83	525	0	1,889	0	253	1,033	419
13	359.82	524	-1	1,820	0	227	997	396
14	359.81	524	0	1,866	0	202	1,001	449
15	359.82	524	0	1,957	0	207	1,038	493
16	359.79	522	-2	1,779	0	225	1,034	364
17	359.82	524	2	1,654	0	227	934	337
Totals	N/A	N/A	-3	31,702	0	3,997	17,343	7,061
Acre-Feet	N/A	N/A	-3	62,881	0	7,928	34,400	14,005

Joint Main Operated by SSJID and OID.

Summary: Release (acre-feet)

Joint Main Canal	34,400
South Main Canal	14,005
Outlet	0
Spill	7,928
Total	**56,333**

Table 5. New Melones 50% Exceedance

Month	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul
Storage (TAF)	1647	1600	1550	1561	1579	1615	1657	1717	1726	1815	1808	1735
Releases (TAF)	96	77	82	22	21	12	37	43	147	156	151	110
Inflow (TAF)	25	35	35	35	40	50	80	105	160	250	150	45
GW Releases (CFS)	250	200	635	200	200	200	500	530	767	631	800	200

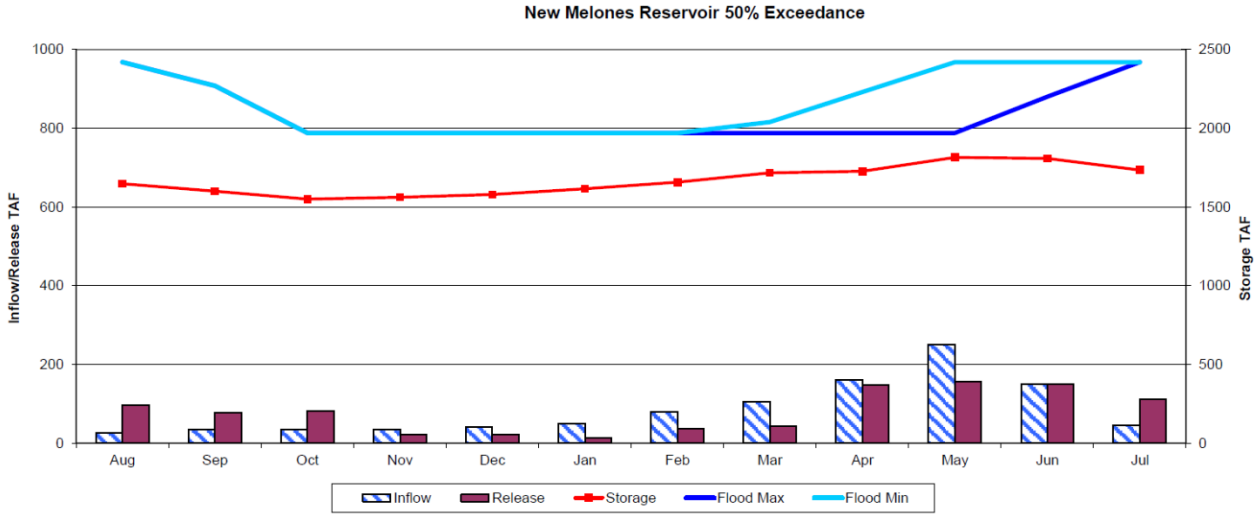


Figure 1. New Melones Reservoir 50% Exceedance

Figure 1 is a graph that shows the New Melones Reservoir 50% Exceedance. The graph shows the New Melones Reservoir inflow and release as a bar graph for each month between August 2024 – July 2025 and a line graph of the reservoir storage, flood maximum and flood minimum flows.

Table 6. New Melones 90% Exceedance

Month	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul
Storage (TAF)	1647	1590	1530	1527	1524	1531	1488	1465	1375	1270	1142	1066
Releases (TAF)	96	77	82	22	21	12	67	66	161	181	162	110
Inflow (TAF)	25	25	25	20	20	20	25	45	75	80	40	40
GW Releases (CFS)	250	200	635	200	200	200	1039	900	1143	1200	1000	200

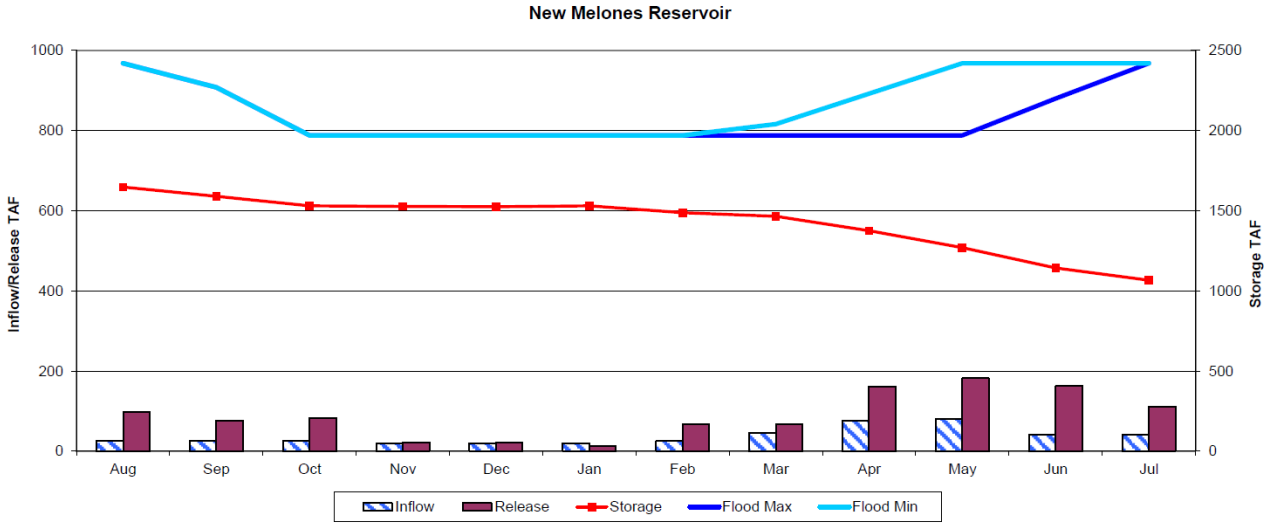


Figure 2. New Melones Reservoir 90% Exceedance

Figure 2 is a graph that shows the New Melones Reservoir 50% Exceedance. The graph shows the New Melones Reservoir inflow and release as a bar graph for each month between August 2024 – July 2025 and a line graph of the reservoir storage, flood maximum and flood minimum flows.

August 2025 Water Temperature and Fish Monitoring Update

Year-to-Date Flows

Goodwin releases since October 1, 2024, are shown in Figure 3.

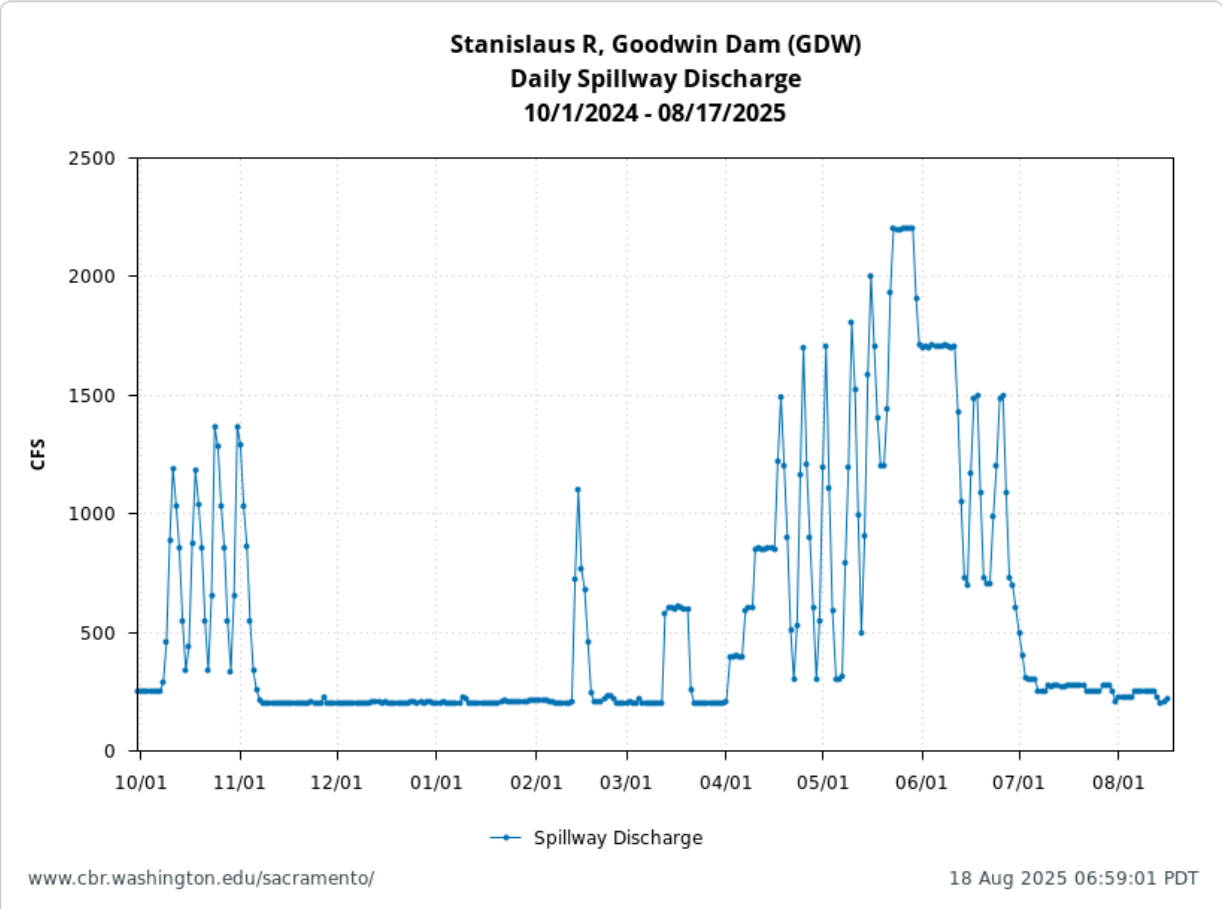


Figure 3. Goodwin (daily) releases to the Stanislaus River since October 1, 2024. Data from GDW station on CDEC.

Figure 3 is a line graph showing Goodwin Dam daily spillway discharge. The graph shows two periods of 1,350 cfs on October 24 and October 31, 2024 and two periods of 1,200 cfs discharge on October 11 and October 18, 2024. The spillway discharge remains around 250 cfs from November 7, 2024 to February 15, 2025. The spillway discharge peaks to about 1,500 cfs on February 15 2025 and to about 600 cfs on March 16,2025. There is a irregular increases from mid-April to early June 2025, with a peak to about 2300 cfs in late May 2025. Discharge decreases under 500 cfs starting in July 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 June 2025 are shown below at Goodwin Canyon (Figure 4), Orange Blossom Bridge (Figure 5), and at Ripon (Figure 6). Water temperatures in the San Joaquin River since May 2025 are shown below at Vernalis (Figure 7). Current-year water temperatures are plotted along with historical temperatures for upstream of Orange Blossom Bridge (Figure 8), Ripon (Figure 9), and Vernalis (Figure 10). A compilation of Stanislaus River water temperatures and Goodwin releases Water Year 2025 is provided in Figure 11.

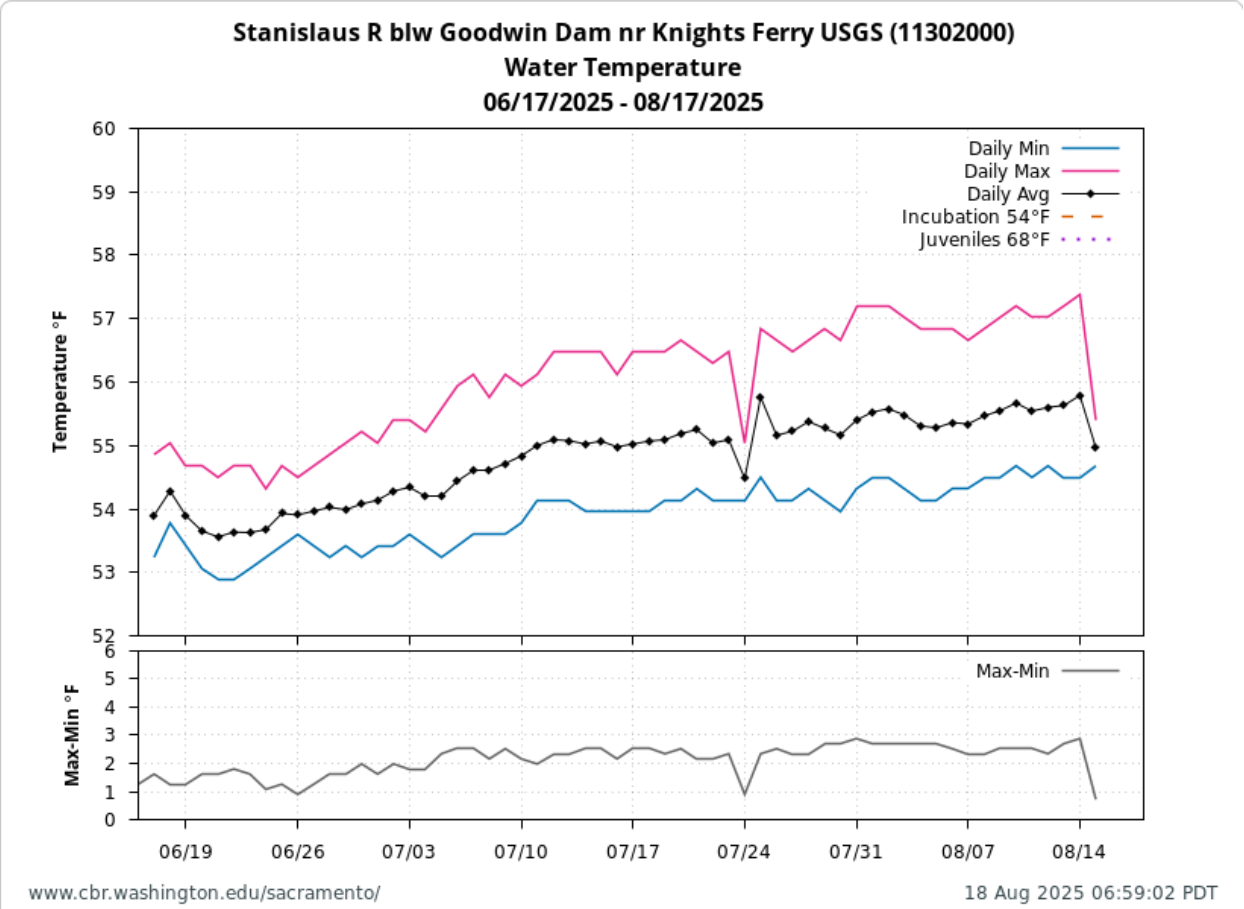


Figure 4. Daily water temperatures on the Stanislaus River upstream of Knights Ferry since June 17, 2025. Data from USGS gage 11302000 on NWIS; temperature threshold reference line added by SWT.

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).

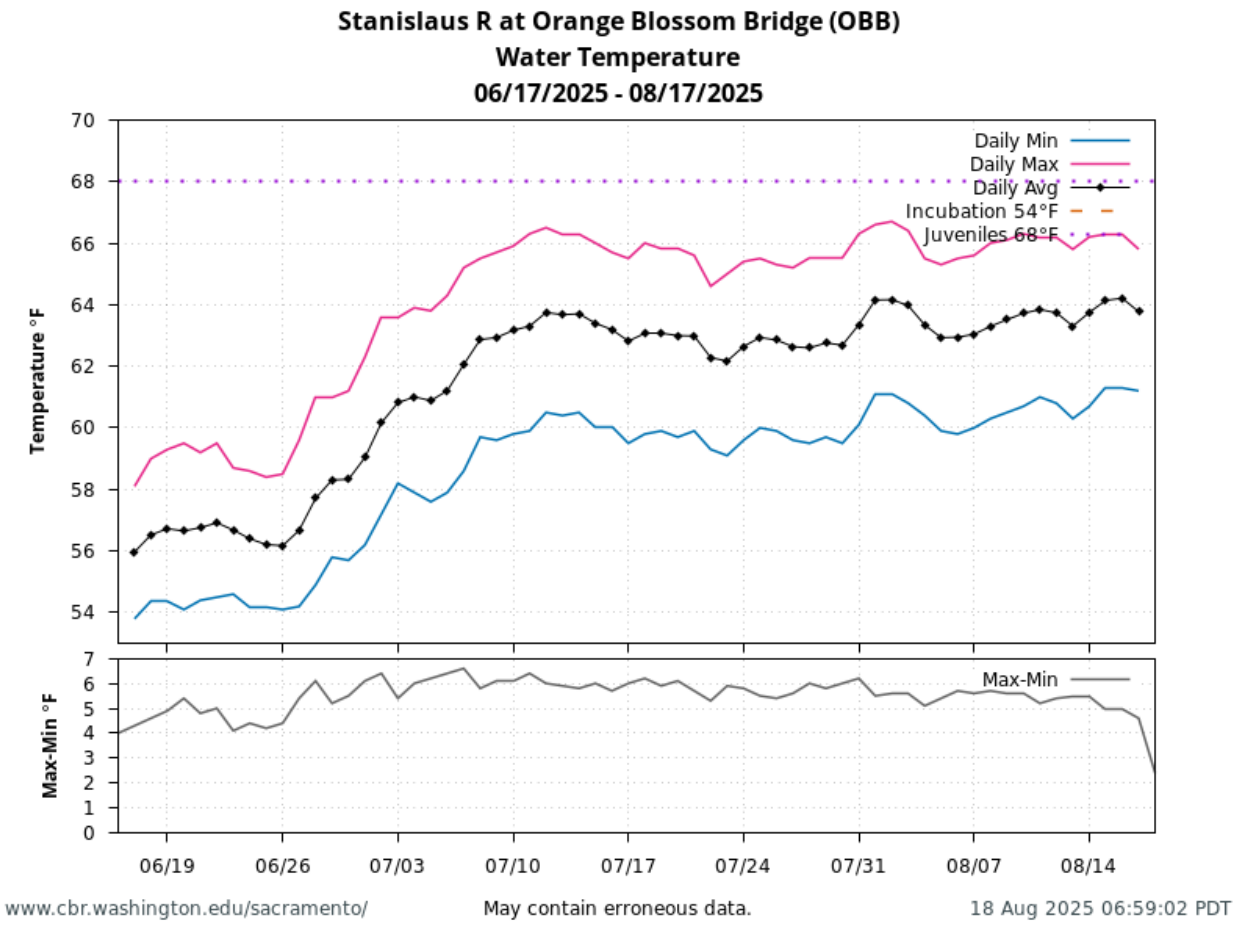


Figure 5. Stanislaus (hourly) water temperatures at Orange Blossom Bridge since June 17, 2025. Data from OBB station on CDEC. Please be aware that due to malfunctions with the temperature gauge at Orange Blossom Bridge, the data should be noted as unreliable.

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).

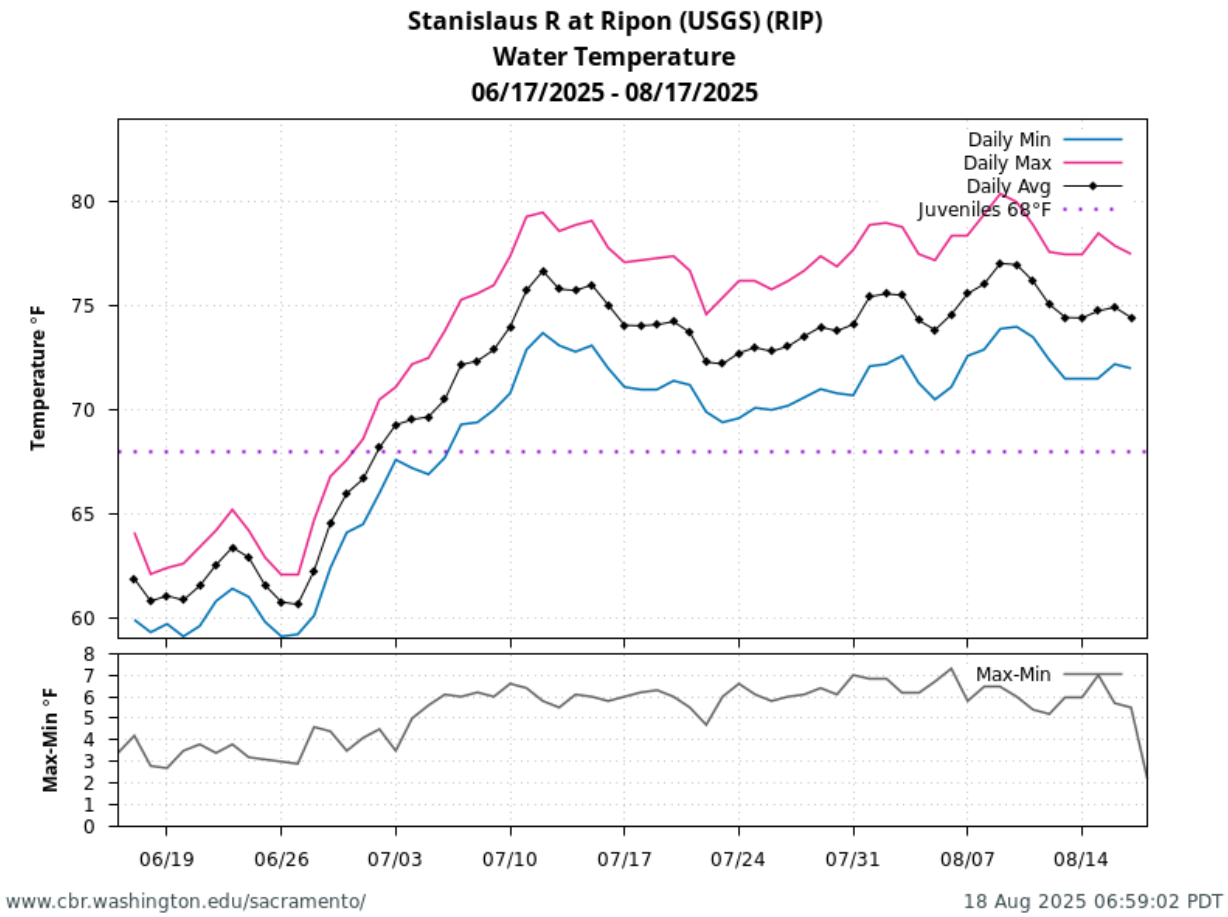


Figure 6. Stanislaus water temperatures at Ripon since June 17, 2025. Data from RIP station on CDEC.

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).

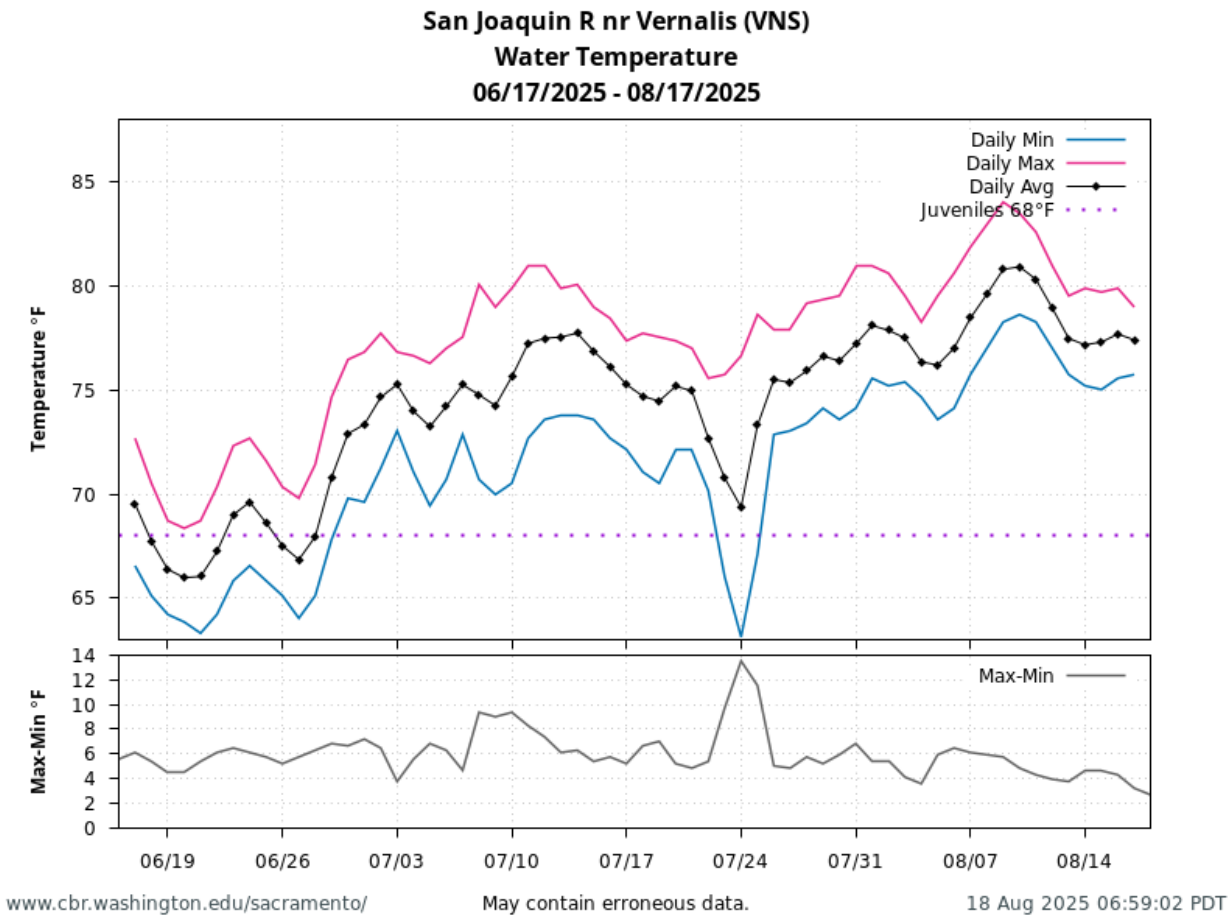


Figure 7. San Joaquin River (15-minute) water temperatures at Vernalis since June 17, 2025. Data from VNS station on CDEC. Note that, unlike in the previous figures, temperature is reported in degrees Celsius. 8°C=46.4°F; 10°C=50°F; 12°C=53.6°F; 14°C=57.2°F; 16°C=60.8°F; 18°C=64.4°F; 20°C=68.0°F; 22°C=71.6°F; 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).

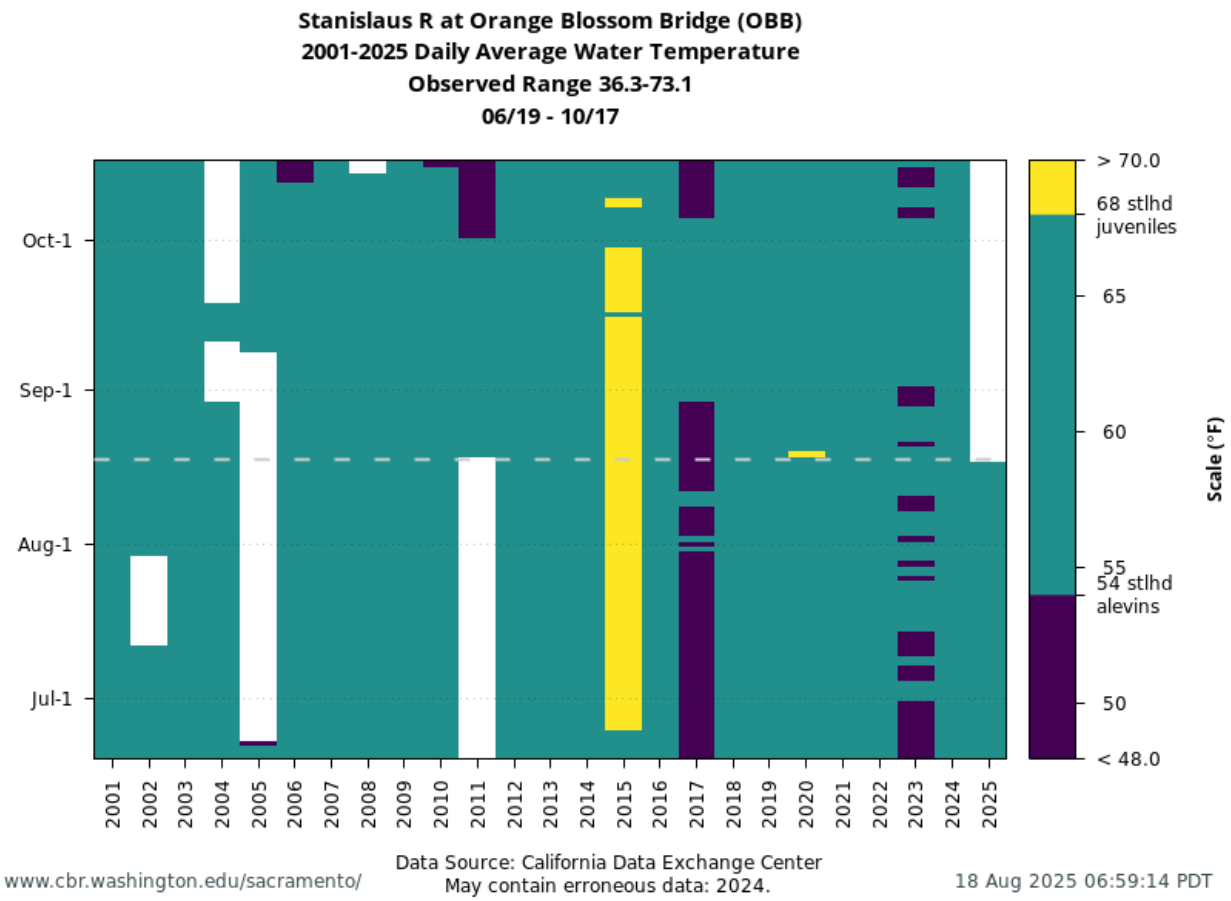


Figure 8. Stanislaus River water temperatures at Orange Blossom Bridge for WY 2001 to present. Data from SacPAS website; temperature threshold reference lines added by SWT. Please be aware that due to malfunctions with the temperature gauge at Orange Blossom Bridge, the date should be noted as unreliable.

Figure 8 is a bar chart showing water temperatures at Orange Blossom Bridge for WY 2001 to present for July to October. 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.

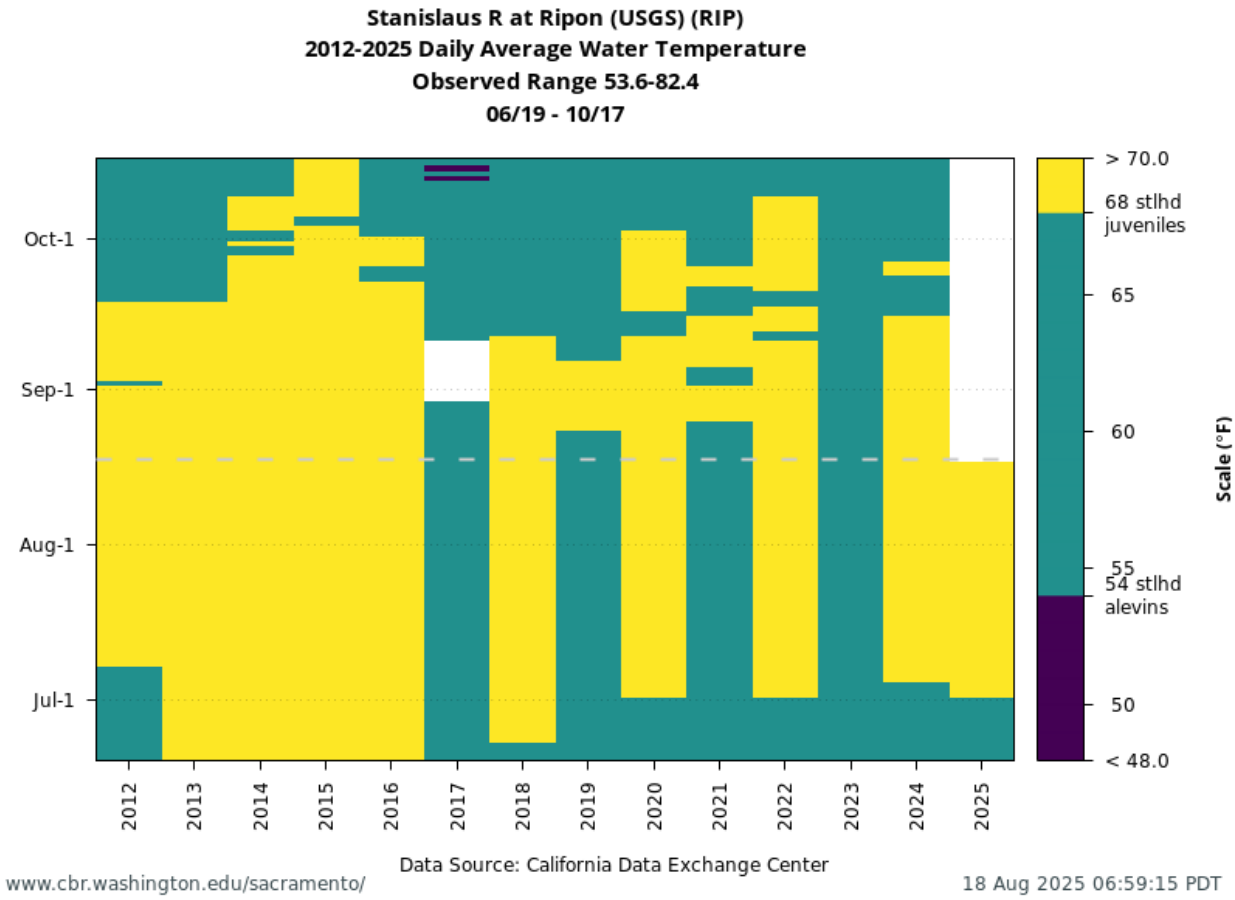


Figure 9. Stanislaus River water temperatures at Ripon for WY 2012 to present. Figure from SacPAS website using RIP station data from CDEC; temperature threshold reference line added by SWT.

Figure 9 is a bar chart showing water temperatures at Ripon for WY 2012 to present for July to. The chart shows that during this time, the daily average water temperature was mostly above 68 degrees Fahrenheit with temperatures between 54 and 68 degrees Fahrenheit in 2017, 2019, 2021, and 2023.

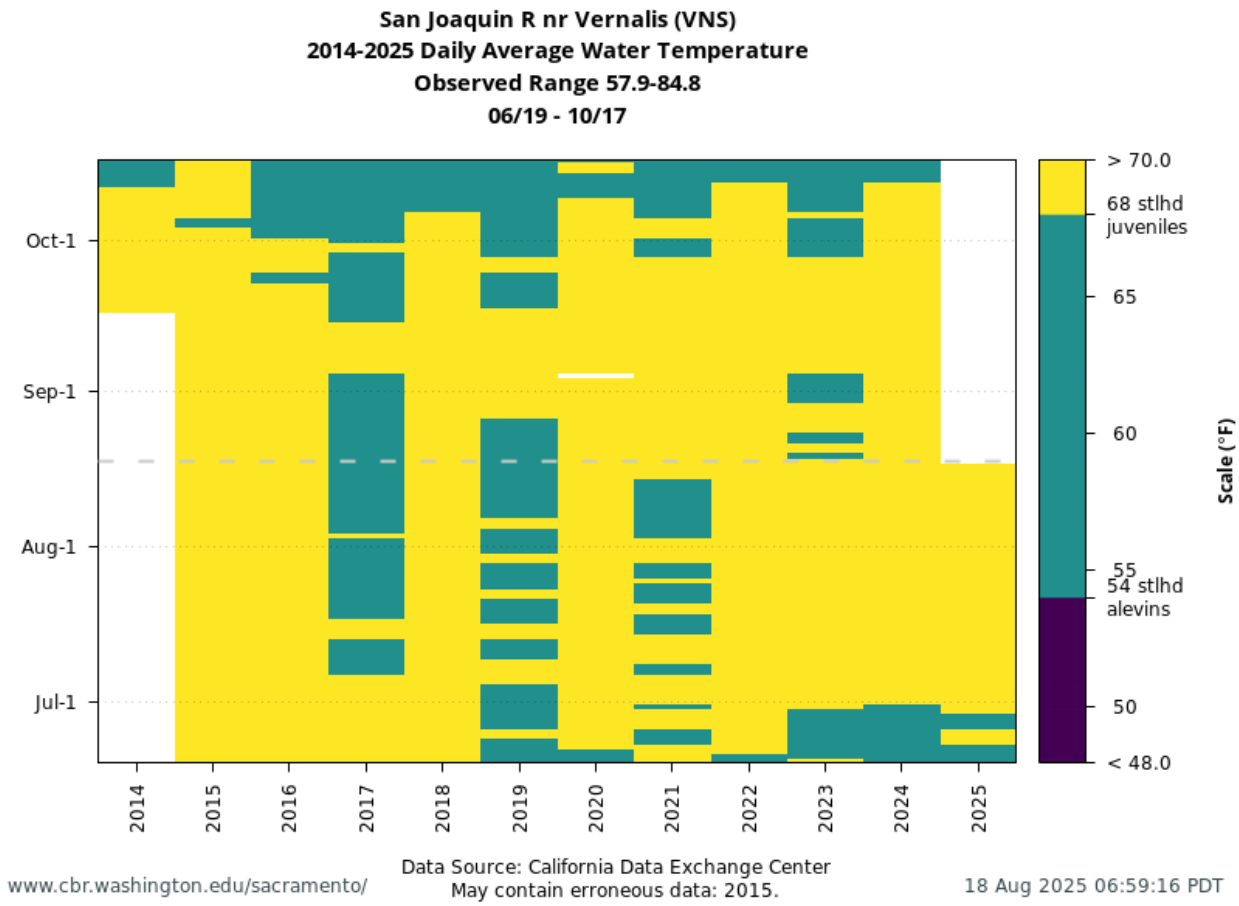


Figure 10. San Joaquin River water temperatures at Vernalis for WY 2014 to present. Figure from SacPAS website using VNS station data from CDEC; temperature threshold reference line added by SWT.

Figure 10 is a bar chart showing water temperatures at Vernalis for WY 2014 to present for July to October. The chart shows that during this time, the daily average water temperature was mostly above 68 degrees Fahrenheit.

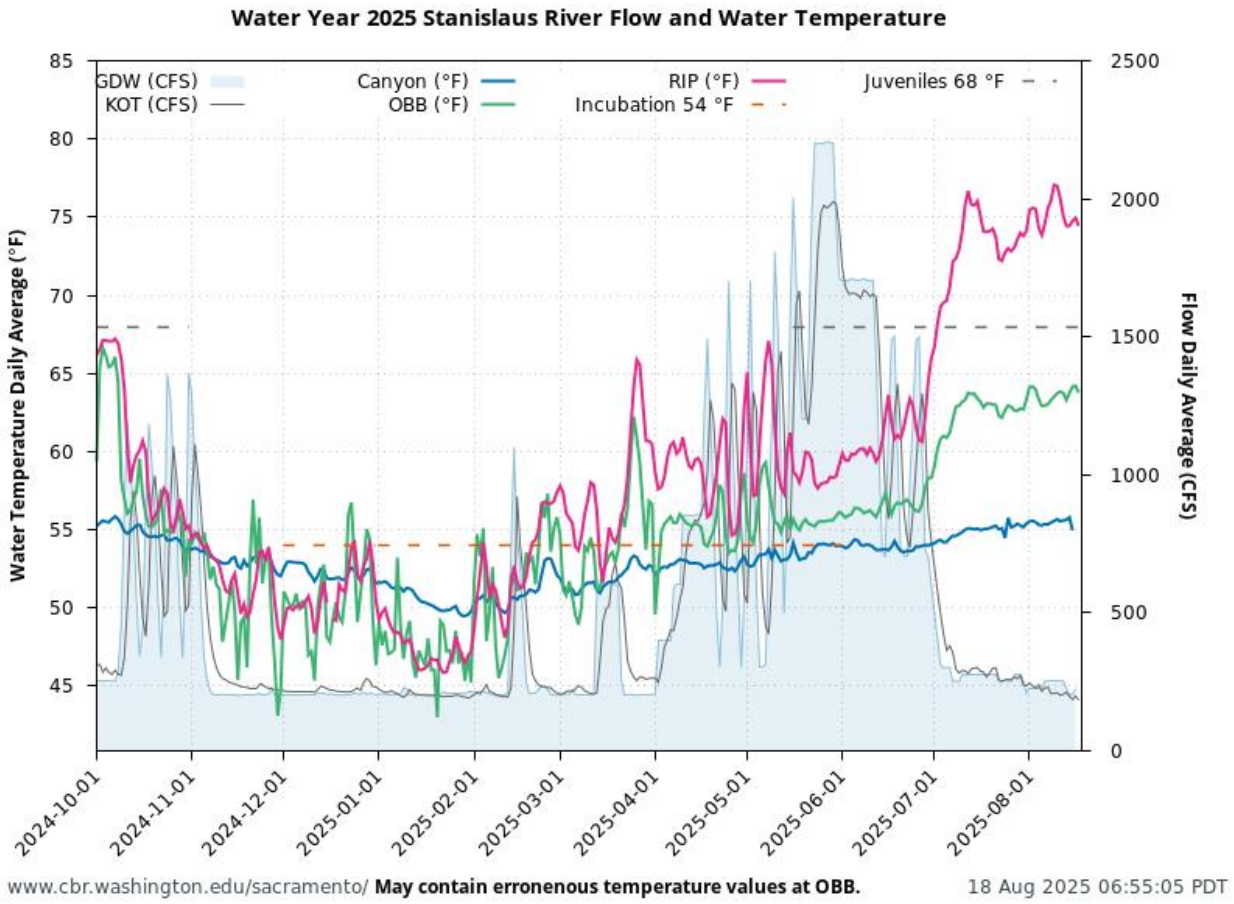


Figure 11. Stanislaus River flow and water temperatures from October 1, 2024 to August 18, 2025. Data (including temperature threshold reference lines) from SacPAS. Please be aware that due to malfunctions with the temperature gauge at Orange Blossom Bridge, the data should be noted as unreliable.

Figure 11 is a line chart showing river flow and water temperatures on the Stanislaus River. The graph shows decreasing temperatures and flow October 2024 – February 2025 and increasing temperatures March – August 2025.

CDFW

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

USBR

Updates on Stanislaus River Forum (SRF) Call Review
There were no comments, questions, or requests for an August meeting.

CDFW Update

Update on Fish Monitoring (Adults)
Chinook carcass and redd surveys: Will begin in October.

Update on Fish Monitoring (Juveniles)

Mossdale Trawl
Operations shifted from CDFW only to joint operations (CDFW and USFWS) on 6/30/2025.

Adipose clips retained for CWT extraction.

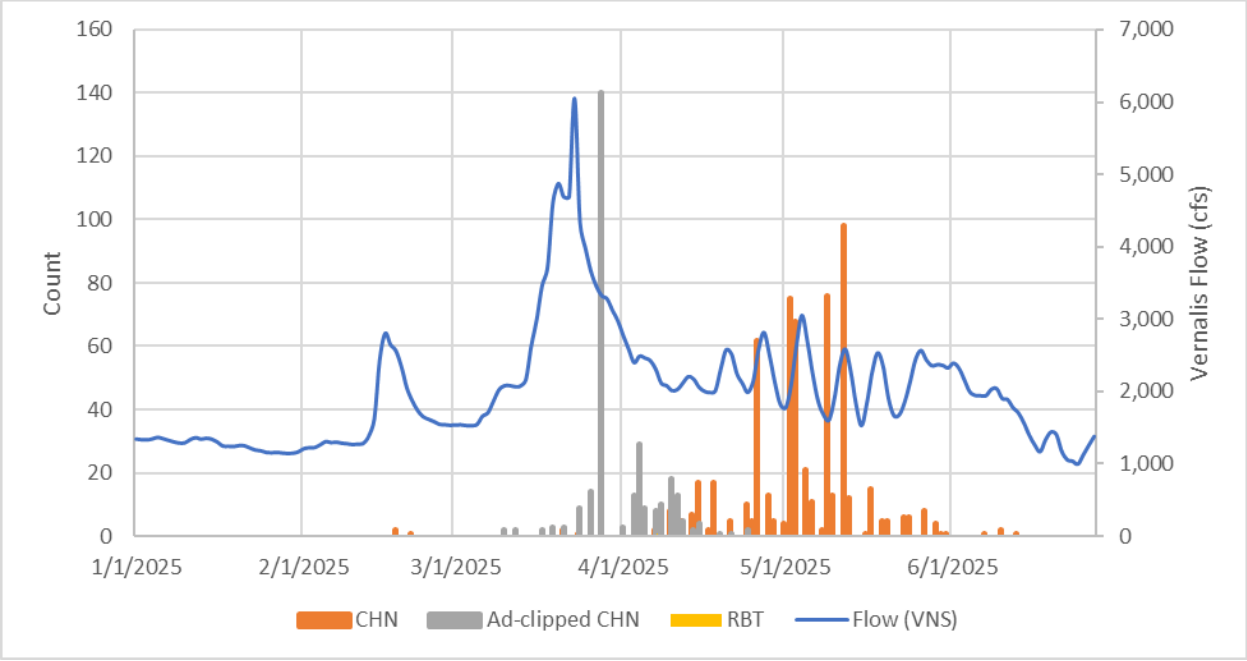


Figure 12. Graph of Chinook catch and temperature at Mossdale and flow at Vernalis.

Figure 12 is a line chart showing river flow water temperature, and unexpanded catch of Chinook salmon. The majority of Chinook catch occurred May – August 2025.

FISHBIO Updates

Updates
No new field updates for August.

Stanislaus Weir: FISHBIO received an extension on funding to operate the Stanislaus River weir for Fall 2025 through Spring 2026. The weir will go back in the water in early September 2025.

PSMFC Updates

Updates
To be shared/discussed at the meeting.

Restoration Project Updates

Updates
Applicable updates to be shared at the August meeting.