BUREAU OF RECLAMATION

Stanislaus Watershed Team

July 16, 2025

Members Attending

- USBR: Brian Willard, Cat Pien, Mechele Pecheco, Myrna Girald Perez, Peggy Manza
- USFWS: Erika Holcombe
- CDFW: Crystal Rigby, Erica Meyers, Steve Tsao, Travis Apgar
- NMFS: Barb Byrne, Evan Sawyer, Rachael Alcala
- DWR: Mike Ford
- SWRCB: Chris Carr
- PSMFC: Hunter Morris, Logan Day
- SSJID: N/A
- FISHBIO: Chrissy Sohnke
- Stockton East Water District (SEWD): N/A
- WAPA: N/A
- Attorney Offices: N/A
- Kearns & West: Mia Schiappi, Bethany Taylor

Action Items

- Mechele Pacheco, Reclamation – Share the draft forecast with Kearns & West for distribution to the SWT.
- All – Anyone with available sediment data to contact Cat Pien, Reclamation, for incorporation into a report for the U.S. Army Corps of Engineers (USACE).
    - Contact Brian Willard separately with details about what we hope to learn from the sediment. One of my TMDLs in farm country included Sediment

Oxygen Demand due to pollutants and nutrients, just wondering if that is involved here.

- Kearns & West - Coordinate with Myrna Girald Perez, USBR, on an SRF agenda to alert members to the timing of flow planning.

Announcements

- The 8/20/2025 meeting will be hybrid to help facilitate discussion around the fall pulse flow discussion.
- Julie Leimbach, Kearns & West, will facilitate the August meeting as a substitute for Mia Schiappi.
- Barb Byrne, NMFS, shared reflections on her time with the SWT and the Stanislaus Operations Group. She will still be available at NMFS to answer questions after departing the SWT.
    - She passed on the following wisdom to current SWT members:
        - In planning processes, be explicit about water accounting, water year type, and exceedance forecast.
        - Seek a reliable way to deliver gravel into the canyon.
        - Formalize operations assessment and hypotheses testing when possible.
        - Maintain basin-wide communication on flow planning.
        - Appreciate the people doing this work.
    - Questions and Comments
        - A NMFS representative asked about the most challenging part of the drought period described by Byrne.
            - Byrne responded that in 2013 the Water Districts used some of their water supply to meet the minimum flows because there was a question about whether Reclamation had water to provide. Temperature was another concern with the low reservoir levels and therefore warm water. The Stanislaus Drought Operations Group met every couple of weeks to determine how to cool the water temperatures. They incorporated modeling and examined Tulloch Dam operations.

- USBR added that when storage reaches such low levels, there's not enough water to meet all the legal requirements. In a difficult year, we would have had to petition to not meet the Vernalis flow objectives. We also had Stanislaus River Plan mandated flows. We've probably used water from South San Joaquin's conservation account, which accounts for 200-300 TAF. We would have had to refill that conservation account during the next wetter year. It does get dicey during drought years.
    - NMFS asked when were the worst drought years in recent history. Reclamation said that in either 1992 or 1994, they reached their overall lowest storage levels ever at New Melones Reservoir.
    - Reclamation also shared that 300 TAF is also the buffer level for storage; they advise not dropping below this.
- Reclamation shared appreciation for Byrne's openness to decisions that are made as well as her clear communication of needs for fish advocacy.

Operations Update and Forecasts/Hydrology

New Melones Reservoir Update

- New Melones accumulated inflow remains much lower than the 15-year average
- New Melones has had no new precipitation in the previous month. Reclamation again noted that precipitation figures reflect levels right at the reservoir and not necessarily the entire basin. Accumulated precipitation remains below the 15-year average.

Daily CVP Water Supply

- As of 7/13/2025, New Melones storage measured 1,778 AF.
- Storage continues to decrease through the drier summer months as outflow is greater than inflow.

Tulloch Dam

- Please see the meeting packet for more information.

Goodwin Dam

- Goodwin Dam releases were 276 cfs as of 7/13/2025, which is above the 200 cfs minimum due to dissolved oxygen (DO) requirements at Ripon. Current releases are below the 15-year median.
- For June, the Vernalis Objective was 1,477 cfs with a 7-day running average objective of 1,182 cfs. Actual monthly average releases were 1,574 cfs. The 7-day running average was missed on 6/25, 6/26, 6/27, and 6/28 by 5 cfs, 31 cfs, 35 cfs, and 8 cfs, respectively.
- Reclamation considered all of the objectives on the system
    - Flows were reduced on the weekends for public safety
    - Flows to not exceed 1,500 cfs for agricultural purposes.
- Reclamation scheduled higher flows for the first half of June to allow for lower flows during the second half of June for recreation and enhanced public safety during weekends.
- For July, Reclamation is decreasing releases to minimum flows as allowed by DO levels. Releases were increased during a weekend where temperatures rose above 100°F. Reclamation will hold releases at approximately 275 cfs

Forecast

- Reclamation has drafted a forecast to be shared post-meeting.
- Reclamation assumes a Dry year for WY26.

Other Questions/Comments

- SWRCB asked why a Dry year is being assumed for WY26.
    - The forecast is intended to be conservative because WY25 was Below Normal, and the following year is estimated to be one category level down from the current year.
- Reclamation asked about the anticipated September storage forecast at New Melones.
    - Reclamation responded they are still working on this and will get back to the group.
- Reclamation shared that the required Dissolved Oxygen (DO) levels are 7 mg/L at Ripon.
- NMFS ask if at Vernalis, there's multiple tributaries contributing. How much is the Stanislaus River responsible for?

    - Reclamation responded that inflow patterns on the San Joaquin River that have caused Vernalis salinity to be an issue have changed dramatically the past couple of years. Drainage from the farms was one source. They release drainage during periods of high flow (i.e., more rainy winter season) but it's hardly ever controlled. Reclamation was tagged with responsibility for meeting that requirement even though there are other tributaries contributing to meeting the flow requirements.
- The State Water Board asked whom to contact regarding decreases in DO.
    - Reclamation recommended contacting Randi Field, Reclamation, for these inquiries/updates.

Water Temperature Updates

- NMFS has been monitoring Orange Blossom Bridge. Temperatures are in the low 60s Fahrenheit. This location is the lower end of the spawning grounds, making it an important location.
- There could be a concern with returning fish towards late August and early September.

Flow Planning

- The August meeting will feature an in-depth discussion on fall pulse flow planning.
- Reclamation and CDFW had no updates to share in July for flow planning.

Stanislaus River Forum (SRF) Call Review

- No questions or comments were submitted for July that necessitated a meeting.
- Reclamation noted that the SRF meeting will be held in August so as to allow for a meeting in the 3rd quarter of the year.

Fish Monitoring

CDFW Fish Monitoring

- CDFW has caught 30 Chinook since the May meeting but numbers have dropped off.
- The Mossdale Trawl surveys have decreased to 3 days per week due to recent low catch.

        - 30 Chinook salmon were caught in the trawl since the SWT May meeting but numbers have dropped off since the end of May.
        - Management of the trawl will return to joint operation between CDFW and USFWS at the end of June.
- Questions and Comments
    - Reclamation asked about planning for gravel augmentation and whether sediment data is collected during carcass and redd surveys. Specifically, USACE is looking for this data.
        - CDFW doesn't normally collect sediment data but it can be done if needed.
        - If anyone has that data, please reach out to Cat Pien, Reclamation.

FISHBIO Monitoring

- There is no field work currently being conducted.
- The weir will be reinstalled in September and will be in place through the spring.

PSMFC Monitoring

- PSMFC will start their field season in January 2026.
- New updates will likely begin in October 2025.
- The rotary screw traps were uninstalled in late June.

Restoration Project Updates

- USFWS shared the following updates:
    - Currently, some funding sources are frozen but some are coming through. USFWS hopes the projects will be completely financed by 2026.
- Reclamation shared they are trying to get gravel augmentation moving forward but there are barriers such as the road conditions.

Other Discussion Items

SWRCB Updates

- N/A

Items to elevate to WOMT

- N/A

Next Meeting

Wednesday, August 20, 10:00 am –12:00 pm. The meeting will be hybrid.

Reclamation will host the in-person portion of the meeting at their offices located at: 3310 El Camino Ave., Sacramento, CA 95821 in Conference Room 302.

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, July 16, 2025

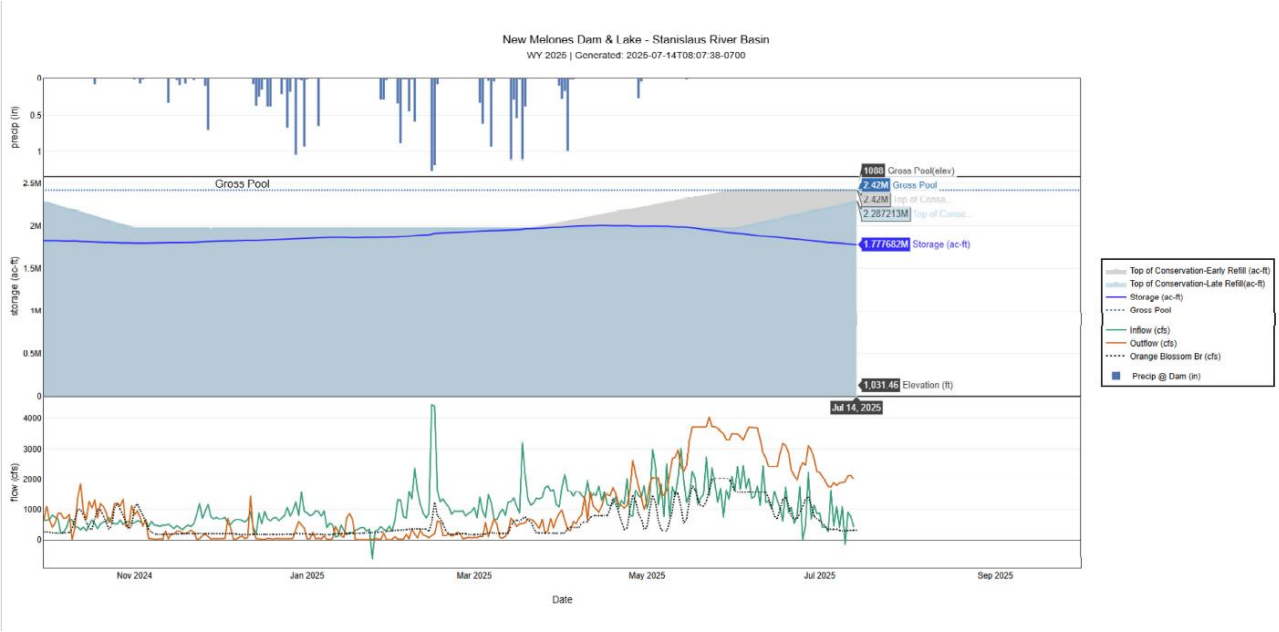
Agenda

1. Introductions
2. Ground Rules[1]
3. Announcements
    a. The August meeting will have an in-person option to discuss Fall Pulse Flows.
    b. SOG-SWT Reflections – Barb Byrne, NMFS
4. Operations Update and Forecasts/Hydrology – Mechele Pacheco, USBR
5. Temperature Updates – Evan Sawyer, NMFS
6. Flow Planning – Gretchen Murphey, USBR
7. *TBD for July* - Stanislaus River Forum (SRF) Call – 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. 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 – Mia Schiappi, Kearns & West
12. Next Meeting: Wednesday, August 20, 2025



New Melones Dam & Lake – Stanislaus River Basin, 2025-07-14T08:07:38-0700

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.

Tables for BDO

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

July 13, 2025
Run Date: July 14, 2025

Table 1. Reservoir Releases in Cubic Feet Per Second

Reservoir	Dam	WY 2024	WY 2025	15-Year Median
Trinity	Lewiston	494	988	466
Sacramento	Keswick	13,565	14,033	10,923
Feather	Oroville (SWP)	8,000	8,000	4,500
American	Nimbus	4,961	4,877	3,976
Stanislaus	Goodwin	406	276	304
San Joaquin	Friant	418	0	444

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

Reservoir	Capacity	15-Yr Avg	WY 2024	WY 2025	% of 15 Yr Avg
Trinity	2,448	1,635	2,009	2,162	132
Shasta	4,552	3,183	3,766	3,561	112
Folsom	977	689	764	723	105
New Melones	2,420	1,506	1,977	1,778	118
Fed. San Luis	966	409	598	383	94
Total North CVP	11,363	7,422	9,114	8,607	116
Millerton	521	388	389	0	0
Oroville (SWP)	3,425	2,415	3,049	2,996	124

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	1,592	193	2,681	1,083	147
Shasta	6,161	2,089	10,020	4,442	139
Folsom	2,097	297	6,038	2,437	86
New Melones	588	N/A	2,510	946	62

Reservoir	Current WY 2025	WY 1977	WY 1983	15-Yr Avg	% O 15 Yr Avg
Millerton	1,013	227	3,929	1,407	72

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

Reservoir	Current WY 2025	WY 1977	WY 1983	Avg (N Yrs)	% of Avg	Last 24 Hours
Trinity at Fish Hatchery	35.39	12.06	54.73	30.04 (65)	118	0.00
Sacramento at Shasta Dam	66.19	17.42	112.44	58.68 (70)	113	0.00
American at Blue Canyon	69.66	15.64	103.88	63.80 (51)	109	0.00
Stanislaus at New Melones	19.54	N/A	45.33	26.57 (48)	74	0.00
San Joaquin at Huntington LK	29.44	17.20	81.40	39.49 (52)	75	0.00

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

New Melones Lake Daily Operations, June 2025, Run Date: 7/10/2025

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	1,914.1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
1	1,044.17	1,911.6	-2.5	2,403	5	0	3,488	160	0.46	0.00
2	1,043.82	1,907.8	-3.8	1,676	5	0	3,417	153	0.44	0.00
3	1,043.65	1,906.0	-1.8	2,465	4	0	3,295	87	0.25	0.00
4	1,043.29	1,902.1	-3.9	1,697	21	0	3,508	118	0.34	0.00
5	1,042.96	1,898.6	-3.5	2,033	18	0	3,680	121	0.35	0.00
6	1,042.51	1,893.8	-4.8	1,372	5	0	3,678	118	0.34	0.00
7	1,042.07	1,889.1	-4.7	1,432	5	0	3,678	125	0.36	0.00
8	1,041.69	1,885.0	-4.1	1,773	4	0	3,676	138	0.40	0.00
9	1,041.26	1,880.4	-4.6	1,154	4	0	3,328	135	0.39	0.00
10	1,041.17	1,879.5	-1.0	2,456	6	0	2,848	86	0.25	0.00
11	1,040.87	1,876.3	-3.2	1,238	6	0	2,698	145	0.42	0.00
12	1,040.64	1,873.8	-2.4	1,299	137	0	2,264	131	0.38	0.00
13	1,040.36	1,870.8	-3.0	1,032	14	0	2,388	131	0.38	0.00
14	1,040.18	1,868.9	-1.9	1,605	14	0	2,388	168	0.49	0.00
15	1,039.96	1,866.6	-2.3	1,323	14	0	2,388	100	0.29	0.00
16	1,039.60	1,862.8	-3.8	1,065	1,015	0	1,829	144	0.42	0.00
17	1,039.10	1,857.5	-5.3	624	3,181	0	1	113	0.33	0.00
18	1,038.82	1,854.5	-3.0	1,740	3,113	0	0	120	0.35	0.00
19	1,038.42	1,850.3	-4.2	912	2,888	0	0	154	0.45	0.00
20	1,038.16	1,847.5	-2.7	1,075	2,305	0	0	154	0.45	0.00
21	1,037.84	1,844.2	-3.4	546	2,135	0	0	112	0.33	0.00
22	1,037.60	1,841.6	-2.5	806	1,964	0	0	116	0.34	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
23	1,037.47	1,840.3	-1.4	1,760	2,327	0	0	123	0.36	0.00
24	1,036.97	1,835.0	-5.3	15	2,556	0	0	112	0.33	0.00
25	1,036.57	1,830.8	-4.2	484	2,477	0	0	122	0.36	0.00
26	1,036.38	1,828.8	-2.0	2,225	3,111	0	0	119	0.35	0.00
27	1,035.92	1,824.0	-4.8	692	2,977	0	0	146	0.43	0.00
28	1,035.60	1,820.7	-3.3	1,154	2,688	0	0	152	0.45	0.00
29	1,035.31	1,817.6	-3.0	872	2,258	0	0	142	0.42	0.00
30	1,035.03	1,814.7	-2.9	892	2,229	0	0	138	0.41	0.00
Totals	N/A	N/A	-99.3	39,820	37,486	0	48,552	3,883	11.32	0.00
Acre-Feet	N/A	N/A	-99,300	78,983	74,353	0	96,303	7,702	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	19.54

Summary: Release (acre- feet)

Release (acre-feet)	N/A
Power	74,353
Spill	0
Outlet	96,303
Total	**170,656**

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

New Melones Lake Daily Operations, July 2025, Run Date: 7/14/2025

Day	Elev	Storage 1000-Acre-Feet in Lake	Storage 1000-Acre-Feet Change	Compu-ted Inflow C.F.S.	Release C.F.S. Power	Re-lease C.F.S. Spill	Re-lease 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
Totals	N/A	N/A	-36.9	8,490	25,217	0	0	1,937	5.77	0.00
Acre-Feet	N/A	N/A	-36,900	16,840	50,018	0	0	3,842	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, 2021 to Date	19.54

Summary: Release (acre-feet)

Release (acre-feet)	N/A
Power	50,018
Spill	0
Outlet	0
Total	**50,018**

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

Tulloch Reservoir Daily Operations, June 2025, Run Date: 7/10/2025

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	63,301	N/A	N/A	N/A	N/A	N/A	N/A	N/A
1	507.32	63,665	364	3,340	3,493	2,488	489	161	18
2	507.40	63,762	97	3,272	3,422	2,485	491	230	17
3	507.25	63,580	-182	3,151	3,299	2,376	490	367	10
4	507.26	63,592	12	3,333	3,529	2,273	626	415	13
5	507.52	63,907	315	3,489	3,698	2,481	685	150	14
6	507.83	64,283	376	3,489	3,683	2,483	607	196	13
7	508.27	64,821	538	3,395	3,683	2,379	498	233	14
8	509.01	65,732	911	3,505	3,680	2,487	504	39	16
9	509.37	66,182	450	3,322	3,332	2,484	475	120	16
10	508.46	65,055	-1,127	2,653	2,854	2,494	406	311	10
11	507.83	64,283	-772	2,810	2,704	2,485	332	365	17
12	507.58	63,980	-303	2,826	2,401	2,486	133	345	15
13	506.87	63,122	-858	2,227	2,402	2,481	0	164	15
14	506.82	63,062	-60	2,233	2,402	2,244	0	0	19
15	506.90	63,158	96	2,239	2,402	2,180	0	0	11
16	507.28	63,616	458	2,999	2,844	2,475	0	277	16
17	507.64	64,053	437	3,219	3,182	282	223	2,481	13
18	507.89	64,356	303	3,143	3,113	2,480	199	297	14
19	508.30	64,858	502	2,922	2,888	2,483	0	168	18
20	508.37	64,944	86	2,350	2,305	2,289	0	0	18
21	508.40	64,981	37	2,142	2,135	2,110	0	0	13
22	508.43	65,018	37	2,000	1,964	1,967	0	0	14
23	508.40	64,981	-37	2,363	2,327	2,368	0	0	14

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)
24	508.16	64,686	-295	2,564	2,556	2,489	83	128	13
25	507.19	63,507	-1,179	2,490	2,477	2,482	199	389	14
26	507.26	63,592	85	3,149	3,111	2,478	166	448	14
27	507.75	64,186	594	2,994	2,977	2,481	29	168	17
28	508.42	65,006	820	2,749	2,688	2,317	0	1	18
29	508.57	65,191	185	2,297	2,258	2,187	0	0	17
30	508.72	65,375	184	2,284	2,229	2,175	0	0	16
Totals	NA	NA	2,074	84,949	86,038	69,369	6,635	7,453	447
Acre-Feet	NA	NA	2,074	168,496	170,656	137,593	13,161	14,783	887

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	137,593
Spill	13,161
Outlet	14,783
Total	**165,537**

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

Tulloch Reservoir Daily Operations, July 2025, Run Date: 7/14/2025

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
Totals	N/A	N/A	-529	25,586	25,217	25,628	0	0	227
Acre-Feet	N/A	N/A	-529	50,750	50,018	50,833	0	0	450

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	50,833
Spill	0
Outlet	0
Total	**50,833**

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

Goodwin Reservoir Daily Operations, June 2025, Run Date: 7/10/2025

Day	Elev	Storage (1000 Acre-Feet) in Reservoir	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	360.57	577	0	3,138	0	1,703	909	353
2	360.58	578	1	3,206	0	1,704	899	448
3	360.58	578	0	3,233	0	1,703	893	481
4	360.59	578	0	3,314	0	1,712	951	491
5	360.59	578	0	3,316	0	1,707	952	499
6	360.57	577	-1	3,286	0	1,705	968	468
7	360.59	578	1	3,110	0	1,707	886	486
8	360.58	578	0	3,030	0	1,711	845	347
9	360.58	578	0	3,079	0	1,706	824	407
10	360.58	578	0	3,211	0	1,702	826	366
11	360.59	578	0	3,182	0	1,705	903	441
12	360.45	569	-9	2,964	0	1,429	939	475
13	360.24	554	-15	2,645	0	1,051	968	501
14	360.08	543	-11	2,244	0	729	969	421
15	360.08	543	0	2,180	0	702	968	370
16	360.35	562	19	2,752	0	1,173	931	498
17	360.50	572	10	2,986	0	1,489	930	450
18	360.49	571	-1	2,976	0	1,502	931	426
19	360.25	555	-16	2,651	0	1,088	930	501
20	360.09	543	-12	2,289	0	730	926	500
21	360.09	543	0	2,110	0	704	843	448
22	360.08	543	0	1,967	0	704	859	279

Day	Elev	Storage (1000 Acre-Feet) in Reservoir	Storage (1000 Acre-Feet) Change	Tulloch Release	Release C.F.S. – River Outlet	Release C.F.S. – Spill	Canals- Joint Main	Canals – South Main
23	360.24	554	11	2,368	0	989	917	320
24	360.36	562	8	2,700	0	1,201	921	441
25	360.50	572	10	3,070	0	1,487	950	500
26	360.50	572	0	3,092	0	1,501	972	501
27	360.25	555	-17	2,678	0	1,088	972	500
28	360.09	543	-12	2,318	0	729	972	501
29	360.09	543	0	2,187	0	703	924	440
30	360.03	539	-4	2,175	0	603	966	468
Totals	N/A	N/A	-38	83,457	0	38,367	27,644	13,327
Acre-Feet	N/A	N/A	-38	165,537	0	76,101	54,832	26,434

Joint Main Operated by SSJID and OID.

Summary: Release (acre-feet)

Joint Main Canal	54,832
South Main Canal	26,434
Outlet	0
Spill	76,101
Total	**157,367**

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

Goodwin Reservoir Daily Operations, July 2025, Run Date: 7/14/2025

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	539	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
Totals	N/A	N/A	-15	25,628	0	3,986	12,977	5,713
Acre Feet	N/A	N/A	-15	50,833	0	7,906	25,740	11,332

Joint Main Operated by SSJID and OID.

Summary: Release (acre-feet)

Joint Main Canal	25,740
South Main Canal	11,332
Outlet	0
Spill	7,906
Total	**44,978**

June 2025 Water Temperature and Fish Monitoring Update

Year-to-Date Flows

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

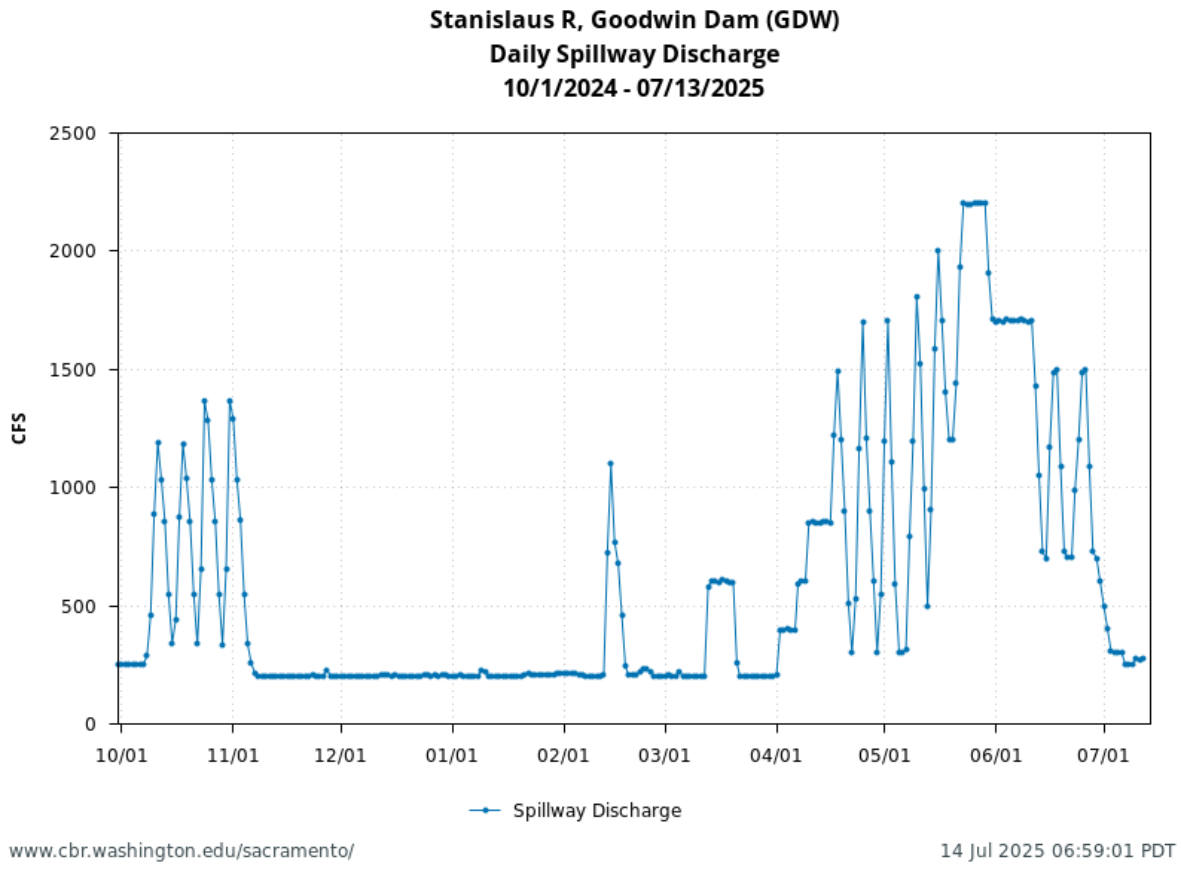


Figure 1. Goodwin (daily) releases to the Stanislaus River since October 1, 2024. Data from GDW station on CDEC.

Figure 1 is a line graph showing Goodwin Dam daily spillway discharge. The graph shows periods over 1000 cfs in late October and early November 2024. 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 continuous increase in beginning in April 2025 starting at 400 cfs, and peaks about 1500 cfs in late April through May 18, with a drop below 1000 cfs in early June 2025. Two peaks of 1500 cfs occur in late June 2025 with a decrease to under 500 cfs in early 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 May 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 May 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 2025 is provided in Figure 9.

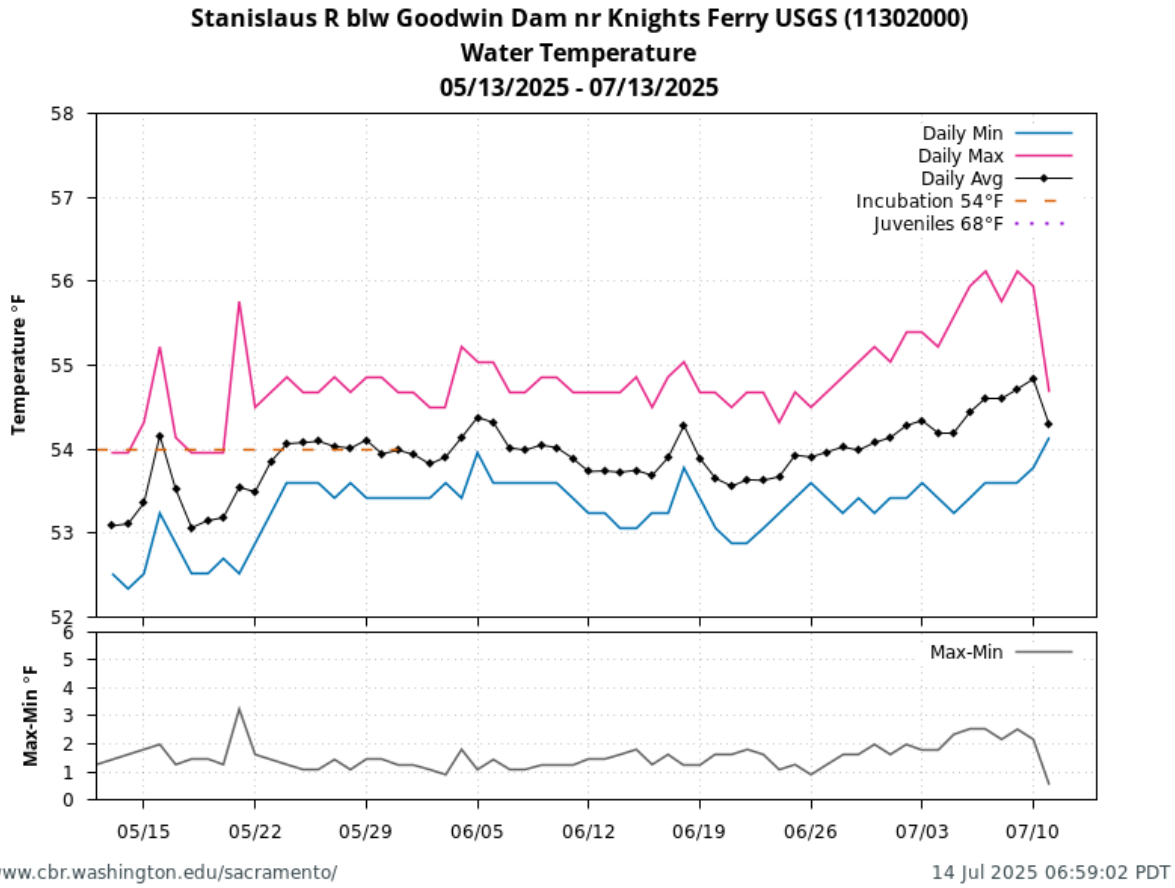


Figure 2. Daily water temperatures on the Stanislaus River upstream of Knights Ferry since May 13, 2025. Data from USGS gage 11302000 on NWIS; temperature threshold reference line added by SWT.

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).

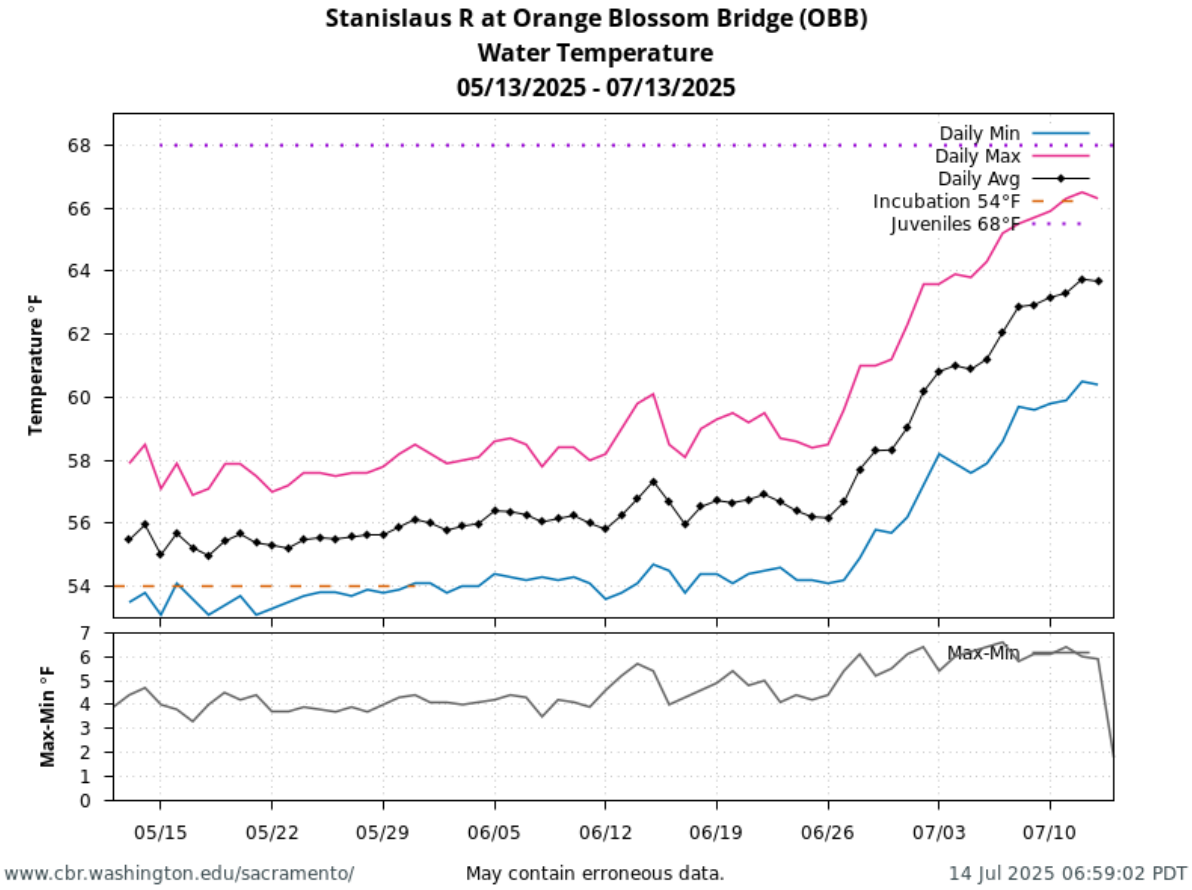


Figure 3. Stanislaus (hourly) water temperatures at Orange Blossom Bridge since May 13, 2025. Data from OBB station on CDEC. Please be aware that due to malfunctions with the temperature gauge at Orange Blossom Bridge, the data should be noted as unreliable.

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.

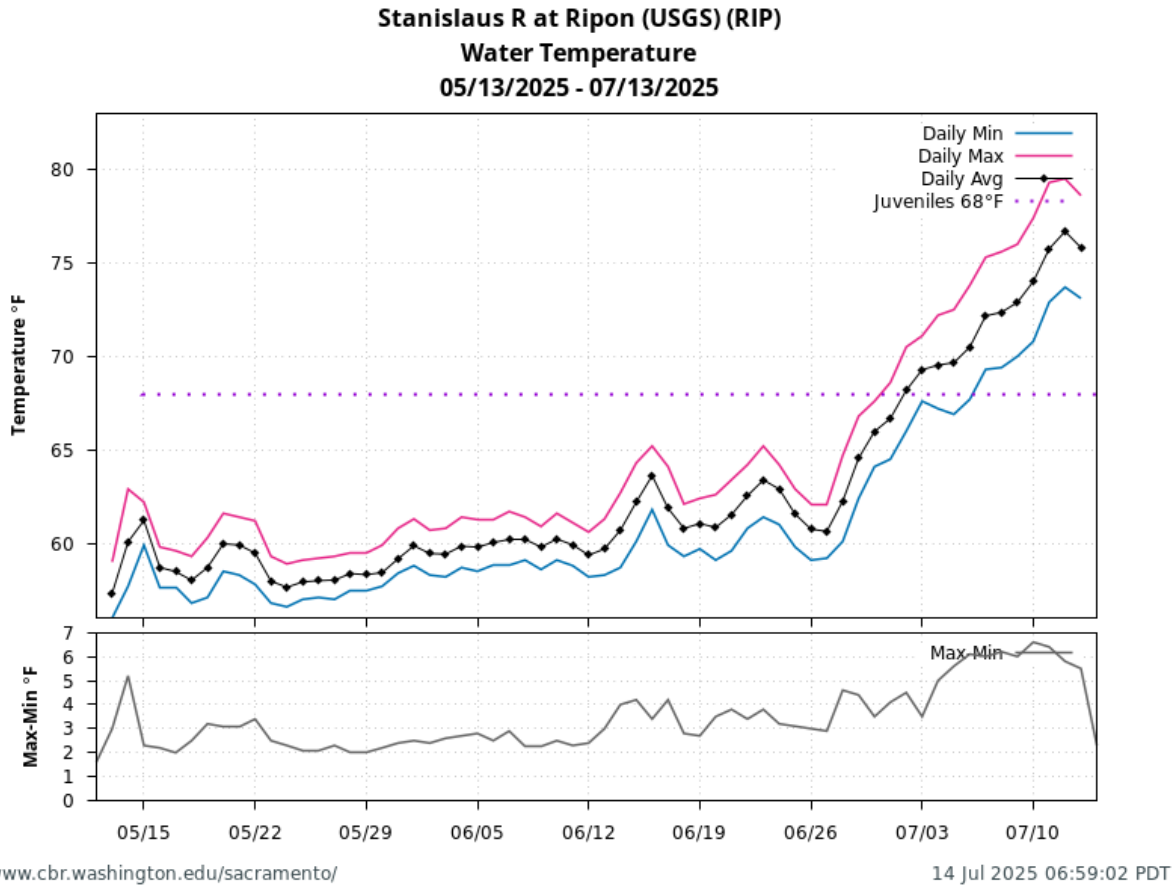


Figure 4. Stanislaus water temperatures at Ripon since May 13, 2025. Data from RIP station on CDEC.

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.

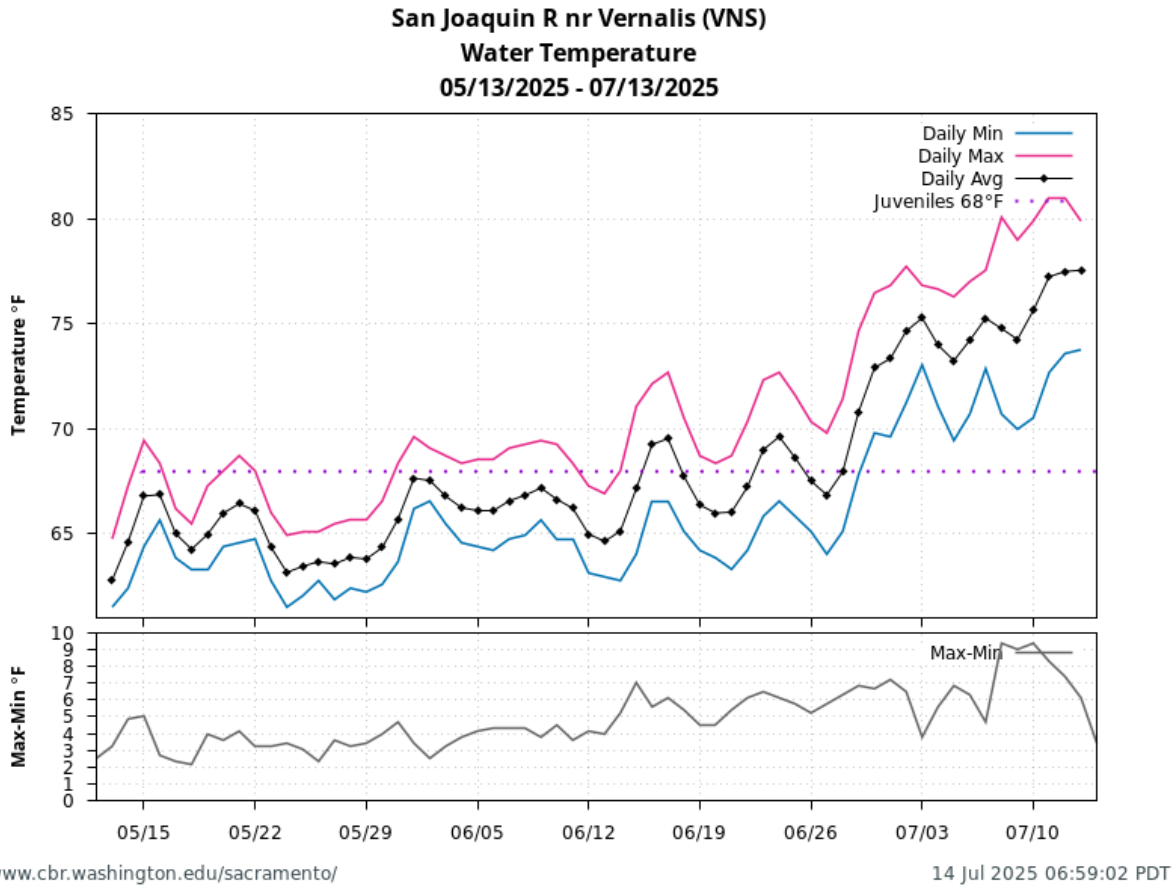


Figure 5. San Joaquin River (15-minute) water temperatures at Vernalis since May 13, 2025. Data from VNS station on CDEC. Note that, unlike in the previous figures, temperature is reported in degrees Celsius. 8°C=46.4°F; 10°C=50°F; 12°C=53.6°F; 14°C=57.2°F; 16°C=60.8°F; 18°C=64.4°F; 20°C=68.0°F; 22°C=71.6°F; 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).

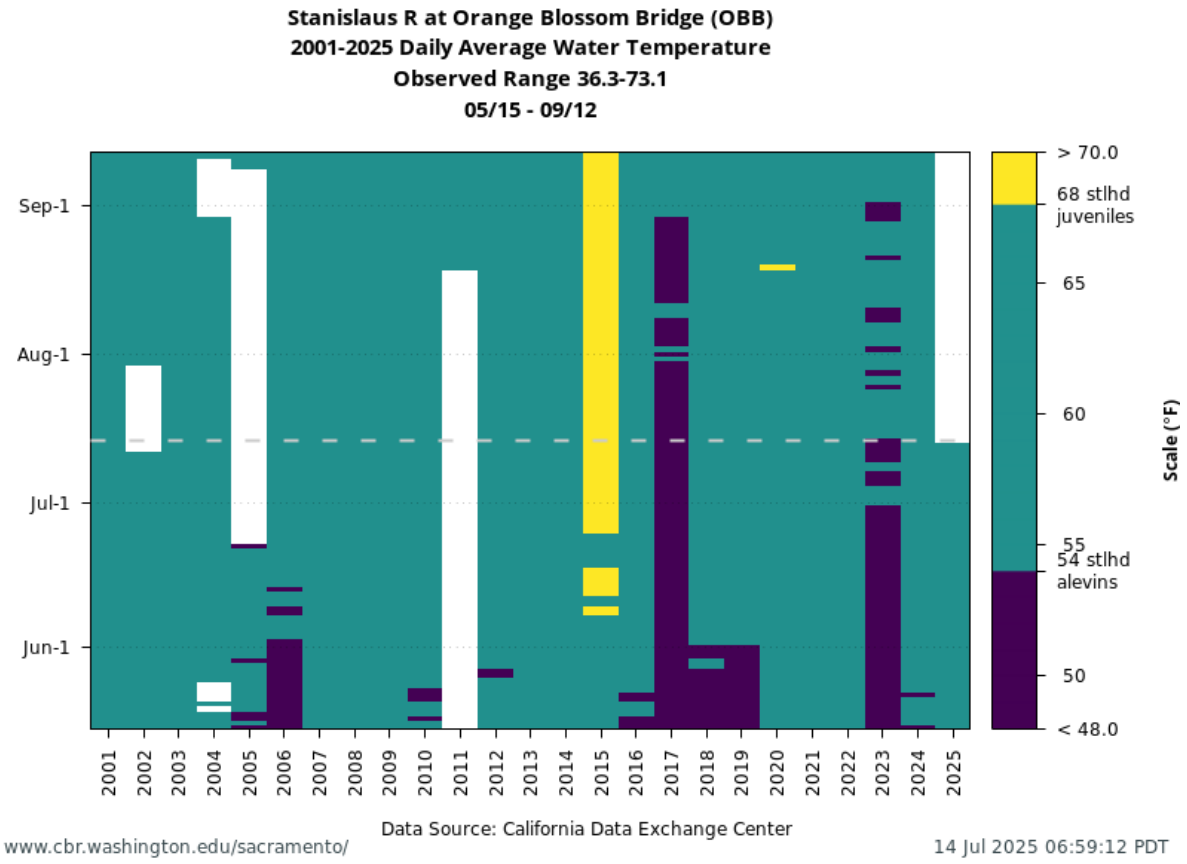


Figure 6. Stanislaus River water temperatures at Orange Blossom Bridge for WY 2001 to present. Data from SacPAS website; temperature threshold reference lines added by SWT. Please be aware that due to malfunctions with the temperature gauge at Orange Blossom Bridge, the data should be noted as unreliable.

Figure 8 is a bar chart showing water temperatures at Orange Blossom Bridge for WY 2001 to present for May to September. Blossom readings were flagged due to incomplete or potentially inaccurate data due to unidentified equipment issues.

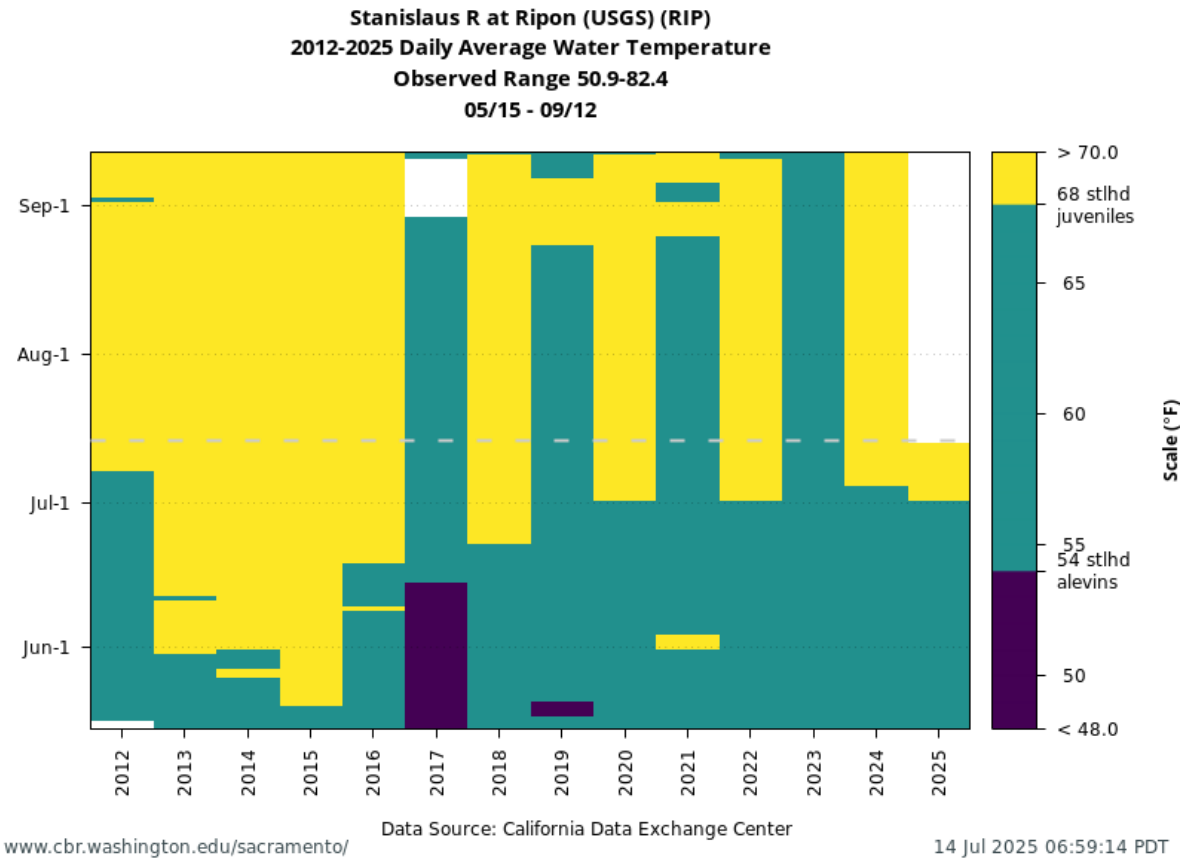


Figure 7. Stanislaus River water temperatures at Ripon for WY 2012 to present. Figure from SacPAS website using RIP station data from CDEC; temperature threshold reference line added by SWT.

Figure 7 is a bar chart showing water temperatures at Ripon for WY 2012 to present for May to September. The chart shows that during this time, the daily average water temperature was mostly above 68 degrees Fahrenheit.

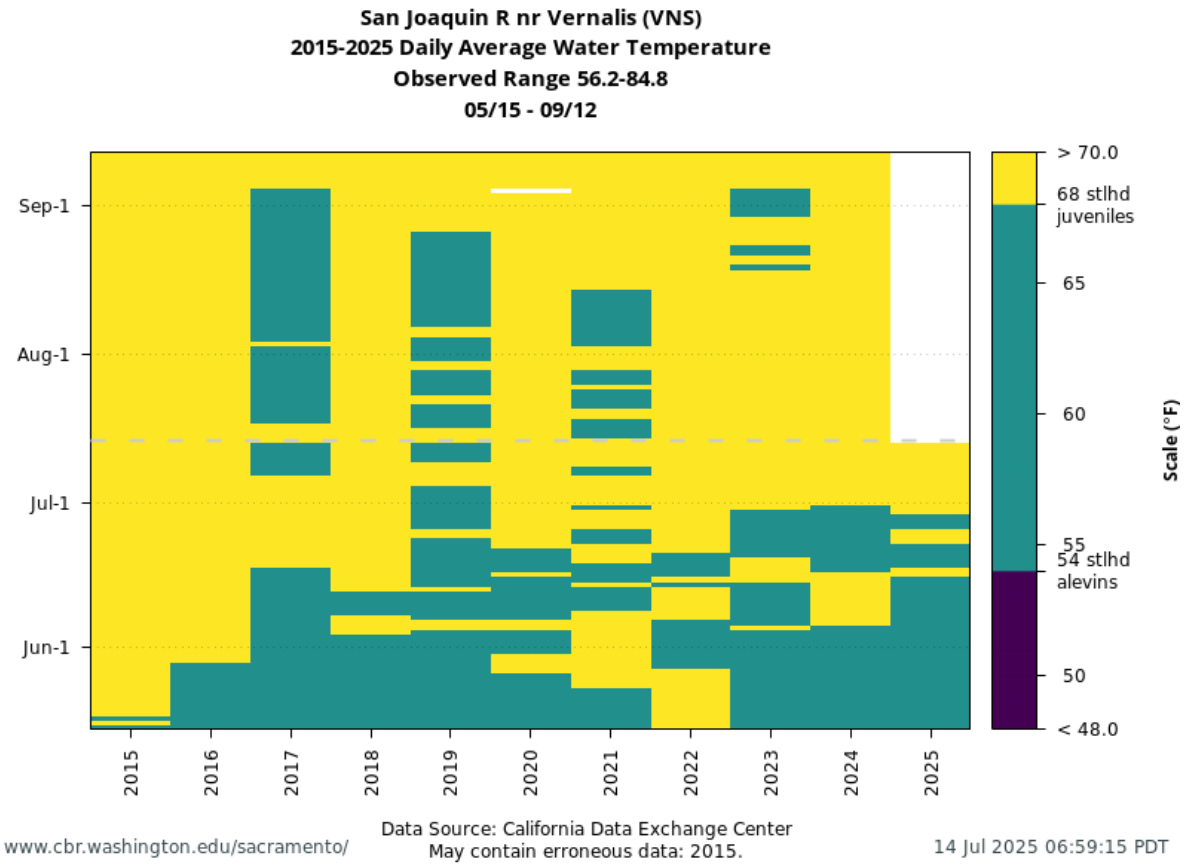


Figure 8. San Joaquin River water temperatures at Vernalis for WY 2015 to present. Figure from SacPAS website using VNS station data from CDEC; temperature threshold reference line added by SWT.

Figure 8 is a bar chart showing water temperatures at Vernalis for WY 2015 to present for May to September. The chart shows that during this time, the daily average water temperature was mostly above 68 degrees Fahrenheit.

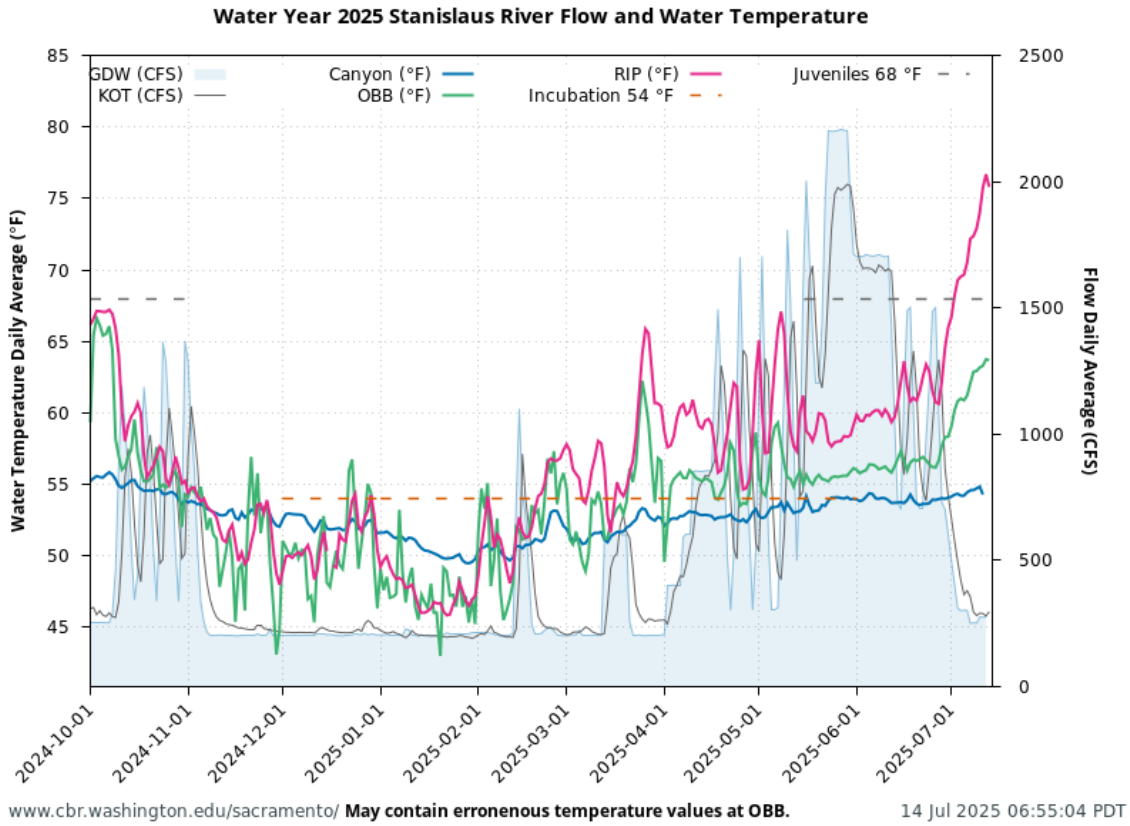


Figure 9. Stanislaus River flow and water temperatures from October 1, 2024 to July 14, 2025. Data (including temperature threshold reference lines) from SacPAS website. Please be aware that due to malfunctions with the temperature gauge at Orange Blossom Bridge, the data should be noted as unreliable.

Figure 9 is a line chart showing river flow and water temperatures on the Stanislaus River. The graph shows decreasing temperatures and flow October 2024 – February 2025, with increasing temperatures after March 2025.

Item 6. Flow Planning

CDFW & USBR Updates

To be shared/discussed at July meeting.

Item 7. Stanislaus River Forum (SRF) Call Review

USBR Updates

There were no comments, questions, or requests for a July meeting.

Item 8. Fish Monitoring and Studies

CDFW 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.

Table 5. Data on Mossdale Trawl catch through 6/13/2025

Date	Catch	Comments
2/18/2025	2 CHN	FL 36,36
2/21/2025	1 CHN	FL 39
3/10/2025	2 ad-clip	Retained for CWT
3/12/2025	2 ad-clip	Retained for CWT
3/17/2025	2 ad-clip	N/A
3/19/2025	3 ad-clip	N/A
3/21/2025	2 CHN, 3 ad-clip	FL 48,78
3/24/2025	1 CHN, 9 ad-clip	FL 90
3/26/2025	14 ad-clip	N/A
3/28/2025	140 ad-clip	N/A
4/1/2025	3 ad-clip	N/A
4/3/2025	13 ad-clip	N/A
4/4/2025	5 CHN, 29 ad-clip	FL 77,79,64,79, 104
4/5/2025	2 CHN, 9 ad-clip	FL 88,75
4/7/2025	1 RBT	FL 236
N/A	2 CHN, 8 ad-clip	FL 79,87
4/8/2025	10 ad-clip	N/A
4/10/2025	8 CHN, 18 ad-clip	FL 74,75,77,81,81,79,76,82
4/11/2025	8 CHN, 13 ad-clip	FL 73,74,80,76,75,77,77,92
4/12/2025	5 CHN, 5 ad-clip	FL 87,80,83,75,71
4/14/2025	7CHN, 2 ad-clip	Ave FL 77.57

Date	Catch	Comments
4/15/2025	17CHN,4 ad-clip	Ave FL 79.00
4/17/2025	2 CHN	Ave FL 77.00
4/18/2025	17 CHN	Ave FL 81.82
4/19/2025	1 ad-clip	N/A
4/21/2025	5 CHN, 1 ad-clip	Ave FL 77.40
4/24/2025	10 CHN, 2 ad-clip	Ave FL 81.00
4/25/2025	5 CHN	Ave Fl 82.60
4/26/2025	62 CHN	Ave FL 83.81
4/28/2025	13 CHN	Ave FL 83.77
4/29/2025	5 CHN	Ave Fl 86.40
5/1/2025	4 CHN	Ave FL 84.50
5/2/2025	75 CHN	Ave FL 84.28
5/3/2025	68 CHN	Ave FL 83.01
5/5/2025	21 CHN	Ave FL 85.05
5/6/2025	11 CHN	Ave FL 83.45
5/8/2025	2 CHN	Ave FL 84.5
5/9/2025	76 CHN	Ave FL 84.79
5/10/2025	13 CHN	Ave FL 88.61
5/12/2025	98 CHN	Ave FL 83.22
N/A	1 RBT	FL 260
5/13/2025	12 CHN	Ave FL 82.92
5/15/2025	0 CHN	N/A
5/16/2025	1 CHN	FL 91
5/17/2025	15 CHN	Ave FL 85.46
5/19/2025	5 CHN	Ave FL 82.00
5/20/2025	5 CHN	Ave FL 85.80
5/23/2025	6 CHN	Ave FL 85.33
5/24/2025	6 CHN	Ave FL 90.00
5/27/2025	8 CHN	Ave FL 85.00
5/29/2025	4 CHN	Ave FL 89.50

Date	Catch	Comments
5/30/2025	1 CHN	FL 83.00
5/31/2025	1 CHN	FL 89.00
6/7/2025	1 CHN	FL 85.00
6/10/2025	2 CHN	FL 88.00
6/13/2025	1 CHN	FL 70.00

Adipose clips retained for CWT extraction

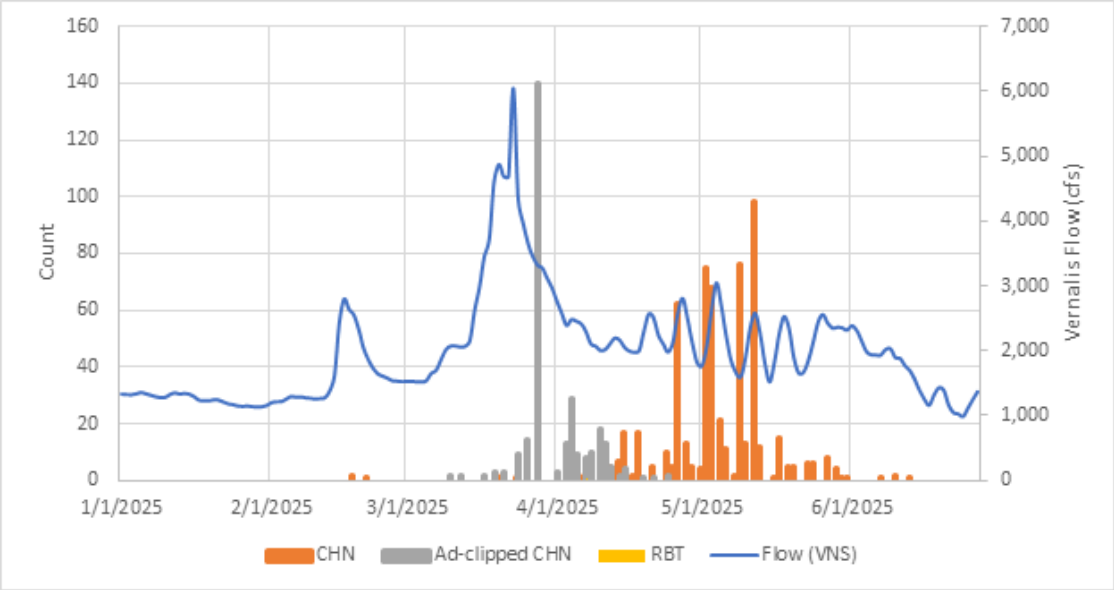


Figure 10. Graph of salmonid catch at Mossdale and flow at Vernalis (cfs).

Figure 10 is a graph showing salmonid catch at Mossdale and flow at Vernalis from January 2025 through June 2025. The graph shows flow peaking over 2,000 cfs in late February with a continuous increase in late March to 6,000 cfs. Most of the catch begins in April through June 2025.

FISHBIO

FISHBIO shared the following information:

- No new field updates for July.

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

Rotary screw trapping at Caswell Memorial State Park by PSMFC for monitoring of outmigrating juvenile salmonids. Rotary screw trapping at Caswell for the 2025 outmigration season began on 1/5/2025.

Rotary screw trapping at Caswell for the 2025 sampling season concluded on 6/20/2025 with uninstalls occurring the following week (6/23/2025).

Archived information can be found at the Caswell RST CalFish webpage, which includes catch spreadsheets, annual reports, and other project information: [CalFish Stanislaus River (Caswell) – RST Monitoring]

Item 9. Restoration Project Updates

Applicable updates to be shared at the July meeting.