



Stanislaus Watershed Team

June 18, 2025

Members Attending

- USBR: Brian Willard, Chase Ehlo, Mechele Pecheco, Myrna Giraldo Perez, Randi Field
- USFWS: Erika Holcombe
- CDFW: Crystal Rigby, Ryan Kok, Steve Tsao
- NMFS: Rachael Alcala
- DWR: Kevin Reece
- SWRCB: Chris Carr, Yongxuan Gao
- PSMFC: Logan Day
- SSJID: Brandon Nakagawa
- FISHBIO: N/A
- Stockton East Water District (SEWD): N/A
- WAPA: N/A
- Attorney Offices: Liliana Selke
- Kearns & West: Mia Schiappi, Bethany Taylor

Action Items

- Kearns & West - Distribute the sign-up list for July in-person meeting refreshments.
- Mia Schiappi, Kearns & West
 - Follow up with Gretchen Murphey, CDFW, on when to schedule a flow planning discussion.

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

Announcements

- The 7/16/2025 meeting will be hybrid and will include a celebration for Barb Byrne, NMFS, who has participated in SWT since its founding.
 - A sign-up sheet will be circulated for those interested in bringing refreshments and other supplies to share with in-person attendees.
- Mia Schiappi, Kearns & West, will be taking over as the regular facilitator for the SWT.
- Garwin Yip will be retiring from NMFS on 6/28/2025.
- Evan Sawyer, NMFS, will serve as the NMFS representative on the SWT. Concerns and questions regarding water operations may be directed to him (evan.sawyer@noaa.gov).
- Mechele Pecheco, Reclamation, is stepping in as the new dam operator and will be providing Reclamation's updates at SWT meetings going forward.
- FISHBIO will officially be joining SWT and attending meetings beginning in July.

Operations Update and Forecasts/Hydrology

New Melones Reservoir Update

- New Melones inflow is currently at 64% of average, however, inflow is seeing a continued decrease.
- New Melones precipitation is currently around 74% of average. Reclamation noted that precipitation figures reflect levels right at the reservoir and not necessarily the entire basin.
- On 4/25/2025, releases changed from Power to Outlet due to a hydropower turbine going offline. The unit came back online on 6/17/25. Releases reflecting this interruption can be seen in the Outlet column in the handout.

Daily CVP Water Supply

- Storage levels are lower than they were in 2024 but are higher than the 15-year average. Storage continues to decrease.
- Peak storage occurred on 4/16/2025 and has continued to decrease since due to the spring pulse flow, water demands, and the Vernalis D-1641 requirements. Outflow is currently higher than inflow.

- New Melones storage is 1.867 MAF

Tulloch Dam

- Please see the meeting packet for more information.

Goodwin Dam

- Goodwin Dam releases were 702 cfs as of 6/15/2025, which is below the 15-year median.
- For May, the Vernalis Objective was 2,208 cfs with a 7-day running average objective of 1,767 cfs.
 - The actual flow from May 20-31 was 2,177 cfs. While the objective was missed by a 12-day period, the 7-day running average was not exceeded.
 - Flows were increased at the end of May in the attempt to meet the objective, which led to increased flows during Memorial Day weekend.
- Reclamation began decreasing flows at the end of May in order to transition to the June Vernalis Objective of 1,477 cfs. The 7-day running average objective is 1,182 cfs.
- 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.
- Goodwin Dam is currently releasing 1,500 cfs. Upcoming scheduled changes include:
 - Releases will decrease to 1,000 cfs on 6/19/2025.
 - Releases will decrease again from 6/20 - 6/22/2025 to 700 cfs.
 - Releases will return to 1,000 cfs on 6/23/2025.
- Releases will continue to be assessed to meet Vernalis Objectives.
- In July, operations will be centered around Ripon dissolved oxygen (DO) requirements and Vernalis salinity requirements. Therefore, releases will undergo further decreases after a slow drawdown.

Forecast

- Reclamation presented a draft forecast.
- 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.

Water Temperature Updates

- Ripon temperatures are varying between high 50s and low 60s Fahrenheit.

Flow Planning

- Reclamation shared that they are drafting a flow planning document [for the fall pulse flow].
- Reclamation asked when the SWT would like to start discussions for a fall pulse flow. CDFW had previously expressed interest in having a hybrid meeting for that discussion.
 - CDFW said that discussion usually begins in August, but that seems too late in the season to start the planning process.
 - Kearns & West suggested starting discussions at the July SWT meeting.
 - CDFW noted that their primary representative will likely also be absent from the July meeting.
 - Kearns & West offered to coordinate with CDFW and Reclamation about the planning timeline and the possibility of drafting a pulse flow schedule in advance of the July meeting.

Stanislaus River Forum (SRF) Call Review

- Reclamation sent a report to SRF members on 6/16/2026.
- The goal going forward is to share this report by noon the day prior to the tentative meeting date.
 - SRF members would need to alert Reclamation by 5:00 p.m. on Mondays if they feel it is necessary to conduct a monthly meeting.
- No questions or comments were submitted for June that necessitated a meeting.
- Kearns & West suggested that it may be useful to share future agenda topics more in advance as to give SRF member time to evaluate the need for a meeting. K&W will follow up with Reclamation on this idea.

Fish Monitoring

CDFW Fish Monitoring

- Next season's carcass surveys will begin in early October.
- 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.

FISHBIO Monitoring

No one from FISHBIO provided updates at the SWT meeting and now new updates were provided for June 2025.

PSMFC Monitoring

- PSMFC has captured 2,895 unmarked Chinook salmon as of 6/17/2025.
- Recently-observed fish are in the silvery parr life stage.
- PSMFC is concluding their sampling season on 6/20/2025.
- The rotary screw traps are scheduled to be uninstalled the week of 6/23/2025.

Restoration Project Updates

- USFWS shared the following updates:
 - The Buffington Restoration Project at the San Joaquin River National Wildlife Refuge has been going through the permitting process and construction is planned to start this summer. The project is located at river kilometer 4-6. The project design allows for 5-6 acres.
 - Currently, some funding sources are frozen but some are coming through. USFWS hopes the project will be completely financed by 2026.

Other Discussion Items

SWRCB Updates

- N/A

Items to elevate to WOMT

- N/A

Next Meeting

Wednesday, July 16, 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.



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, June 18, 2025

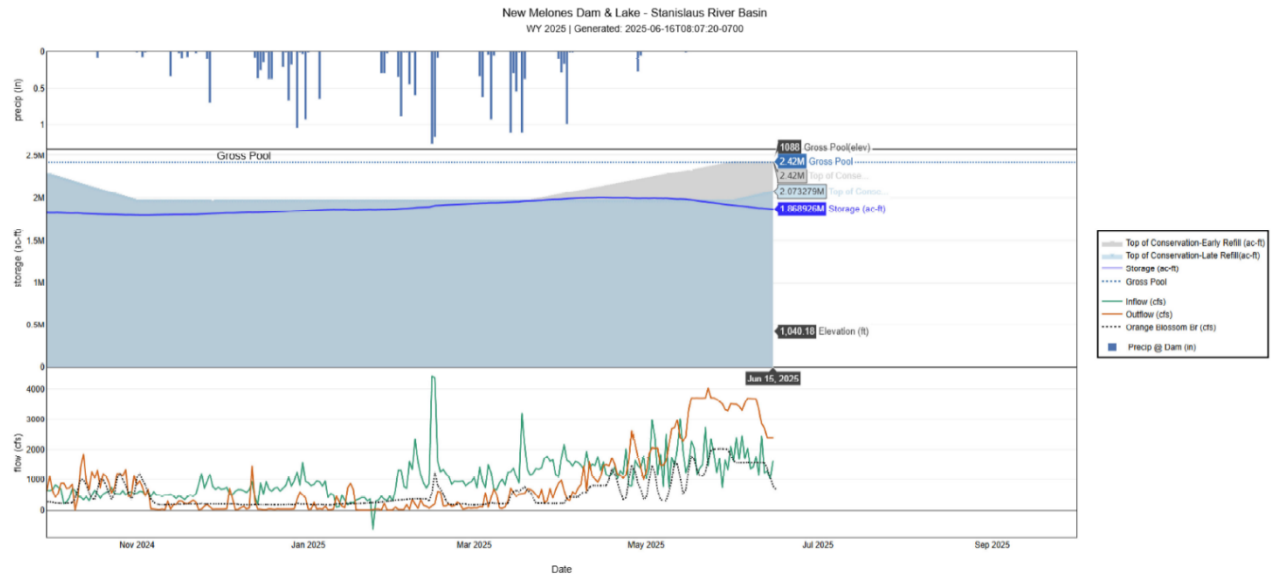
Agenda

1. Introductions
2. Ground Rules¹
3. Announcements
 - a. The July 16 meeting will have an in-person option to celebrate Barb Byrne, NMFS.
4. Operations Update and Forecasts/Hydrology – Mechele Pacheco, USBR
5. Temperature Updates – Evan Sawyer, NMFS
6. Flow Planning – Gretchen Murphey, CDFW and Myrna Giraldo Pérez, USBR
7. Canceled for June - Stanislaus River Forum (SRF) Call – Myrna Giraldo Pérez, USBR
8. Fish Monitoring and Studies - CDFW, FISHBIO, PSMFC

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

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, July 16, 2025



New Melones Dam & Lake – Stanislaus River Basin, 2025-06-16T08:07:20-0700

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, 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

June 15, 2025

Run Date: June 16, 2025

Table 1. Reservoir Releases in Cubic Feet Per Second

Reservoir	Dam	WY 2024	WY 2025	15-Year Median
Trinity	Lewiston	1,875	859	859
Sacramento	Keswick	8,876	10,910	9,544
Feather	Oroville (SWP)	4,500	4,500	3,500
American	Nimbus	3,457	2,477	3,000
Stanislaus	Goodwin	1,502	702	902
San Joaquin	Friant	391	296	391

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	1,726	2,097	2,255	131
Shasta	4,552	3,491	4,192	4,030	115
Folsom	977	786	936	889	113
New Melones	2,420	1,543	2,088	1,867	121
Fed. San Luis	966	531	717	543	102
Total North CVP	11,363	8,077	10,030	9,584	119
Millerton	521	392	513	501	128
Oroville (SWP)	3,425	2,663	3,502	3,371	127

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	1,550	183	2,341	1,035	150
Shasta	5,939	1,922	9,572	4,238	140
Folsom	2,028	291	5,407	2,292	88
New Melones	541	N/A	2,049	848	64

Reservoir	Current WY 2025	WY 1977	WY 1983	15-Yr Avg	% O 15 Yr Avg
Millerton	931	159	3,057	1,168	80

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	34.76	12.06	54.65	29.73 (65)	117	0.00
Sacramento at Shasta Dam	65.12	17.38	112.33	58.18 (70)	112	0.00
American at Blue Canyon	69.66	15.64	103.88	63.50 (51)	110	0.00
Stanislaus at New Melones	19.54	N/A	45.33	26.46 (48)	74	0.00
San Joaquin at Huntington LK	29.44	17.20	81.40	39.54 (52)	75	0.00

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

New Melones Lake Daily Operations, May 2025, Run Date: 6/12/2025

Day	Elev	Storage 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	1,994.8	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
1	1,051.70	1,993.7	-1.1	1,397	28	0	1,844	82	0.23	0.00
2	1,051.85	1,995.4	1.7	2,985	29	0	2,032	89	0.25	0.00
3	1,051.90	1,995.9	0.6	2,423	6	0	2,032	107	0.30	0.00
4	1,051.73	1,994.0	-1.9	1,173	19	0	2,032	68	0.19	0.00
5	1,051.78	1,994.6	0.6	1,848	13	0	1,471	86	0.24	0.00
6	1,051.64	1,993.1	-1.5	783	14	0	1,466	82	0.23	0.00
7	1,051.78	1,994.6	1.5	2,511	12	0	1,616	104	0.29	0.00
8	1,051.52	1,991.7	-2.9	768	3	0	2,132	79	0.22	0.00
9	1,051.33	1,989.6	-2.1	1,752	3	0	2,688	118	0.33	0.00
10	1,051.08	1,986.9	-2.8	1,463	2	0	2,724	128	0.36	0.00
11	1,050.89	1,984.8	-2.1	2,041	9	0	2,962	125	0.35	0.00
12	1,050.98	1,985.8	1.0	3,016	18	0	2,396	103	0.29	0.00
13	1,050.91	1,985.0	-0.8	1,967	24	0	2,242	89	0.25	0.00
14	1,050.69	1,982.6	-2.4	1,244	20	0	2,426	18	0.05	0.01
15	1,050.35	1,978.8	-3.7	1,506	10	0	3,290	92	0.26	0.00
16	1,050.07	1,975.8	-3.1	2,263	3	0	3,706	107	0.30	0.00
17	1,049.75	1,972.3	-3.5	2,043	3	0	3,704	106	0.30	0.00
18	1,049.28	1,967.1	-5.2	1,184	9	0	3,702	71	0.20	0.00
19	1,048.84	1,962.3	-4.8	1,393	3	0	3,702	117	0.33	0.00
20	1,048.42	1,957.7	-4.6	1,501	5	0	3,700	110	0.31	0.00
21	1,048.22	1,955.5	-2.2	2,730	17	0	3,698	117	0.33	0.00
22	1,047.73	1,950.2	-5.3	1,462	324	0	3,698	134	0.38	0.00

Day	Elev	Storage 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	1,047.46	1,947.2	-2.9	2,356	22	0	3,696	120	0.34	0.00
24	1,047.10	1,943.3	-3.9	1,852	21	0	3,694	113	0.32	0.00
25	1,046.64	1,938.3	-5.0	1,252	22	0	3,644	105	0.30	0.00
26	1,046.28	1,934.4	-3.9	1,702	19	0	3,562	91	0.26	0.00
27	1,045.76	1,928.8	-5.6	761	15	0	3,492	95	0.27	0.00
28	1,045.43	1,925.2	-3.6	1,645	24	0	3,298	122	0.35	0.00
29	1,045.05	1,921.1	-4.1	1,342	32	0	3,256	126	0.36	0.00
30	1,044.77	1,918.1	-3.0	2,097	18	0	3,490	112	0.32	0.00
31	1,044.40	1,914.1	-4.0	1,623	8	0	3,490	136	0.39	0.00
Totals	N/A	N/A	-80.6	54,083	755	0	90,885	3,152	8.90	0.01
Acre- Feet	N/A	N/A	-80,600	107,274	1,498	0	180,270	6,252	N/A	N/A

Comments:

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

Summary Precipitation

This Month 0.01
October 1, 2024 to Date 19.54

Summary: Release (acre- feet)

Release (acre-feet) N/A
Power 1,498
Spill 0
Outlet 180,270
Total 181,768

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

New Melones Lake Daily Operations, June 2025, Run Date: 6/16/2025

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	1,914.1	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
Totals	N/A	N/A	-47.5	24,958	262	0	46,722	1,916	5.54	0.00
Acre- Feet	N/A	N/A	-47,500	49,504	520	0	92,673	3,800	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	520
Spill	0
Outlet	92,673
Total	93,193

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

Tulloch Reservoir Daily Operations, May 2025, Run Date: 6/10/2025

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	61,319	N/A	N/A	N/A	N/A	N/A	N/A	N/A
1	505.07	60,989	-330	1,755	1,872	1,912	0	0	9
2	503.93	59,670	-1,319	1,845	2,061	2,450	0	51	9
3	503.90	59,636	-34	1,858	2,038	1,864	0	0	11
4	504.79	60,664	1,028	1,871	2,051	1,346	0	0	7
5	505.13	61,060	396	1,378	1,484	1,169	0	0	9
6	505.20	61,142	82	1,460	1,480	1,410	0	0	9
7	505.46	61,448	306	1,641	1,628	1,456	0	20	11
8	505.56	61,566	118	2,153	2,135	1,691	176	219	8
9	505.83	61,883	317	2,661	2,691	2,376	32	80	13
10	505.41	61,389	-494	2,850	2,726	2,466	380	239	14
11	505.83	61,883	494	2,867	2,971	2,459	32	114	13
12	506.62	62,823	940	2,597	2,414	2,112	0	0	11
13	507.35	63,701	878	2,029	2,266	1,576	0	0	10
14	507.41	63,774	73	2,202	2,446	2,110	0	53	2
15	506.87	63,122	-652	2,726	3,300	2,479	312	254	10
16	506.02	62,107	-1,015	2,935	3,709	2,472	553	410	12
17	505.76	61,801	-306	2,956	3,707	2,467	254	378	11
18	506.42	62,584	783	2,986	3,711	2,469	0	114	8
19	507.20	63,519	935	3,283	3,705	2,746	0	53	13
20	508.02	64,514	995	3,014	3,705	2,456	0	44	12
21	508.43	65,018	504	3,038	3,715	2,341	241	189	13
22	508.86	65,548	530	3,491	4,022	2,494	469	246	15
23	508.34	64,908	-640	3,156	3,718	2,486	671	308	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	508.04	64,538	-370	3,278	3,715	2,485	694	273	13
25	508.19	64,723	185	3,320	3,666	2,484	693	38	12
26	508.34	64,908	185	3,320	3,581	2,485	655	75	12
27	508.23	64,772	-136	3,183	3,507	2,486	600	155	11
28	507.79	64,234	-538	3,097	3,322	2,483	628	243	14
29	507.22	63,544	-690	3,214	3,288	2,481	621	446	14
30	507.00	63,277	-267	3,334	3,508	2,497	488	472	12
31	507.02	63,301	24	3,320	3,498	2,475	487	331	15
Totals	NA	NA	1,982	82,818	91,640	68,683	7,986	4,805	347
Acre- Feet	NA	NA	1,982	164,270	181,768	136,233	15,840	9,531	688

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	136,233
Spill	15,840
Outlet	9,531
Total	161,604

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

Tulloch Reservoir Daily Operations, June 2025, Run Date: 6/16/2025

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	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
Totals	N/A	N/A	-143	45,284	46,984	36,306	5,736	3,096	218
Acre- Feet	N/A	N/A	-143	89,821	93,193	72,013	11,377	6,141	432

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	72,013
Spill	11,377
Outlet	6,141
Total	89,531

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

Goodwin Reservoir Daily Operations, May 2025, Run Date: 6/10/2025

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	555	N/A	N/A	N/A	N/A	N/A	N/A
1	360.48	571	16	1,912	0	1,197	550	251
2	360.60	579	8	2,501	0	1,705	604	301
3	360.08	543	-36	1,864	0	1,110	583	262
4	359.88	529	-14	1,346	0	596	554	170
5	359.82	524	-5	1,169	0	304	581	288
6	359.82	524	0	1,410	0	304	676	321
7	359.90	530	6	1,476	0	314	698	335
8	360.26	555	25	2,086	0	794	721	447
9	360.60	579	24	2,488	0	1,198	719	446
10	360.64	582	3	3,085	0	1,809	720	419
11	360.40	565	-17	2,605	0	1,525	686	255
12	360.01	538	-27	2,112	0	999	660	329
13	359.95	534	-4	1,576	0	498	585	346
14	360.38	564	30	2,163	0	909	732	376
15	360.71	587	23	3,045	0	1,586	930	426
16	360.72	587	0	3,435	0	2,004	969	411
17	360.50	572	-15	3,099	0	1,704	924	423
18	360.39	564	-8	2,583	0	1,402	852	254
19	360.35	562	-2	2,799	0	1,202	856	381
20	360.35	562	0	2,500	0	1,203	910	441
21	360.48	571	9	2,771	0	1,442	963	477
22	360.69	585	14	3,209	0	1,935	918	500

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	360.78	592	7	3,465	0	2,202	946	476
24	360.79	592	0	3,452	0	2,199	944	468
25	360.78	592	0	3,215	0	2,200	845	316
26	360.78	592	0	3,215	0	2,202	847	318
27	360.78	592	0	3,241	0	2,207	871	346
28	360.78	592	0	3,354	0	2,203	859	422
29	360.78	592	0	3,548	0	2,202	917	421
30	360.66	583	-9	3,457	0	1,909	965	461
31	360.57	577	-6	3,293	0	1,713	930	481
Totals	N/A	N/A	22	81,474	0	44,777	24,515	11,568
Acre-Feet	N/A	N/A	22	161,604	0	88,815	48,626	22,945

Joint Main Operated by SSJID and OID.

Summary: Release (acre-feet)

Joint Main Canal	48,626
South Main Canal	22,945
Outlet	0
Spill	88,815
Total	160,386

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

Goodwin Reservoir Daily Operations, June 2025, Run Date: 6/16/2025

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	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
Totals	N/A	N/A	-34	45,138	0	22,676	13,700	6,554
Acre Feet	N/A	N/A	-34	89,531	0	44,978	27,174	13,000

Joint Main Operated by SSJID and OID.

Summary: Release (acre-feet)

Joint Main Canal	27,174
South Main Canal	13,000
Outlet	0
Spill	44,978
Total	85,152

Table 5. New Melones 50% Exceedance

Month	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May
Storage (TAF)	1842	1775	1719	1674	1623	1635	1653	1689	1740	1820	1829	1917
Releases (TAF)	178	110	110	77	82	22	21	12	28	23	147	156
Inflow (TAF)	113	51	51	37	35	35	40	50	80	105	160	250
GW Releases (CFS)	1200	200	200	200	635	200	200	200	339	200	767	631

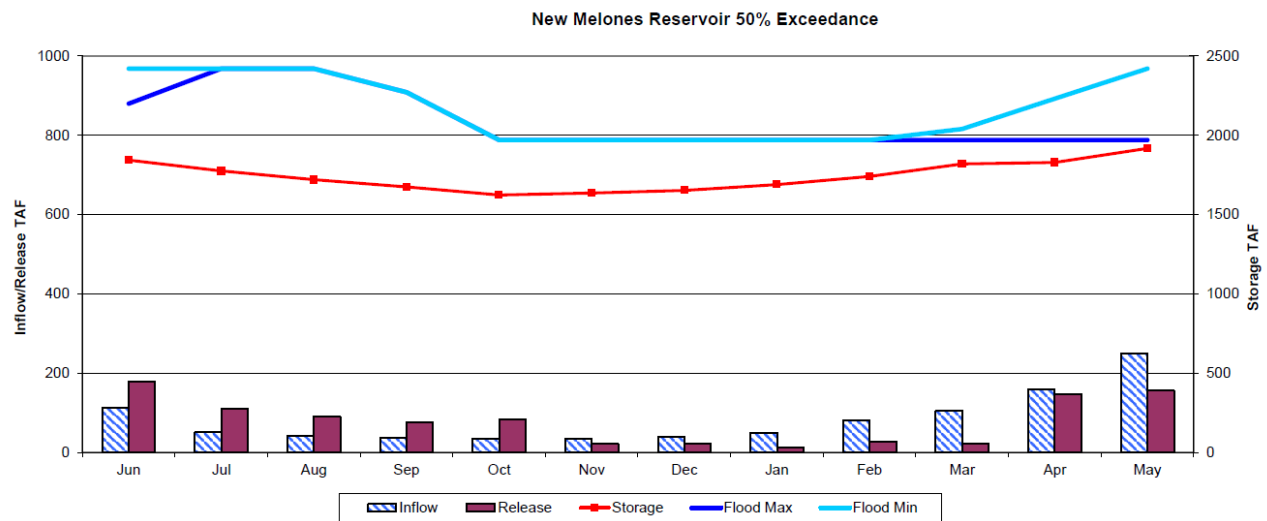


Figure 1. New Melones Reservoir 50% Exceedance

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 June 2024 – May 2025 and a line graph of the reservoir storage, flood maximum and flood minimum flows.

Table 6. New Melones 90% Exceedance

Month	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May
Storage (TAF)	1812	1741	1684	1636	1581	1587	1595	1601	1558	1536	1446	1340
Releases (TAF)	178	110	90	77	82	22	21	12	67	66	161	181
Inflow (TAF)	83	47	40	35	30	30	30	20	25	45	75	80
GW Releases (CFS)	1200	200	200	200	635	200	200	200	1039	900	1143	1200

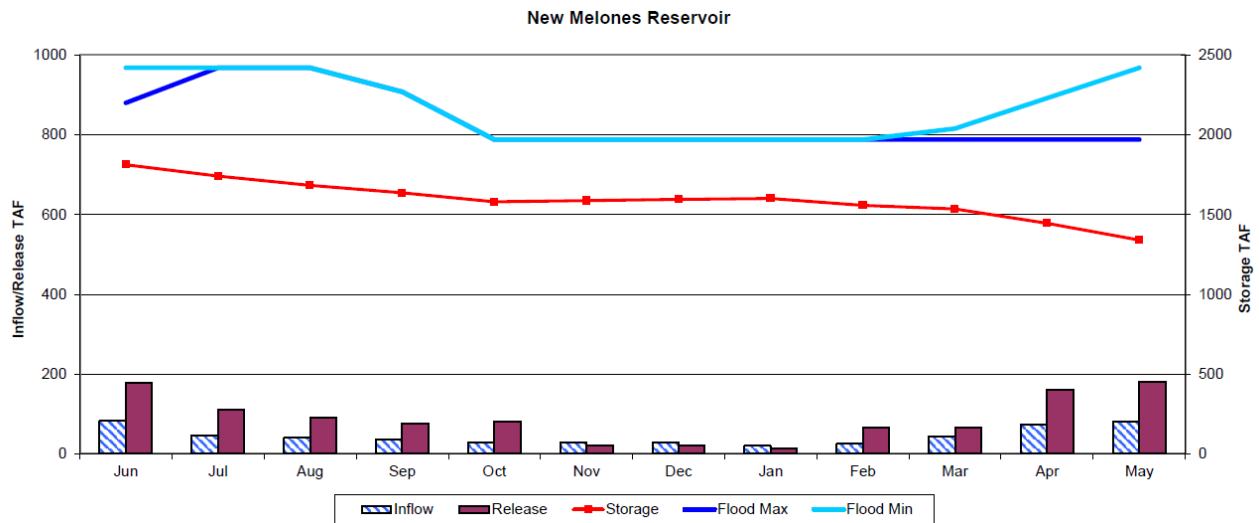


Figure 2. New Melones Reservoir 90% Exceedance

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 June 2024 – May 2025 and a line graph of the reservoir storage, flood maximum and flood minimum flows.

June 2025 Water Temperature and Fish Monitoring Update

Year-to-Date Flows

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

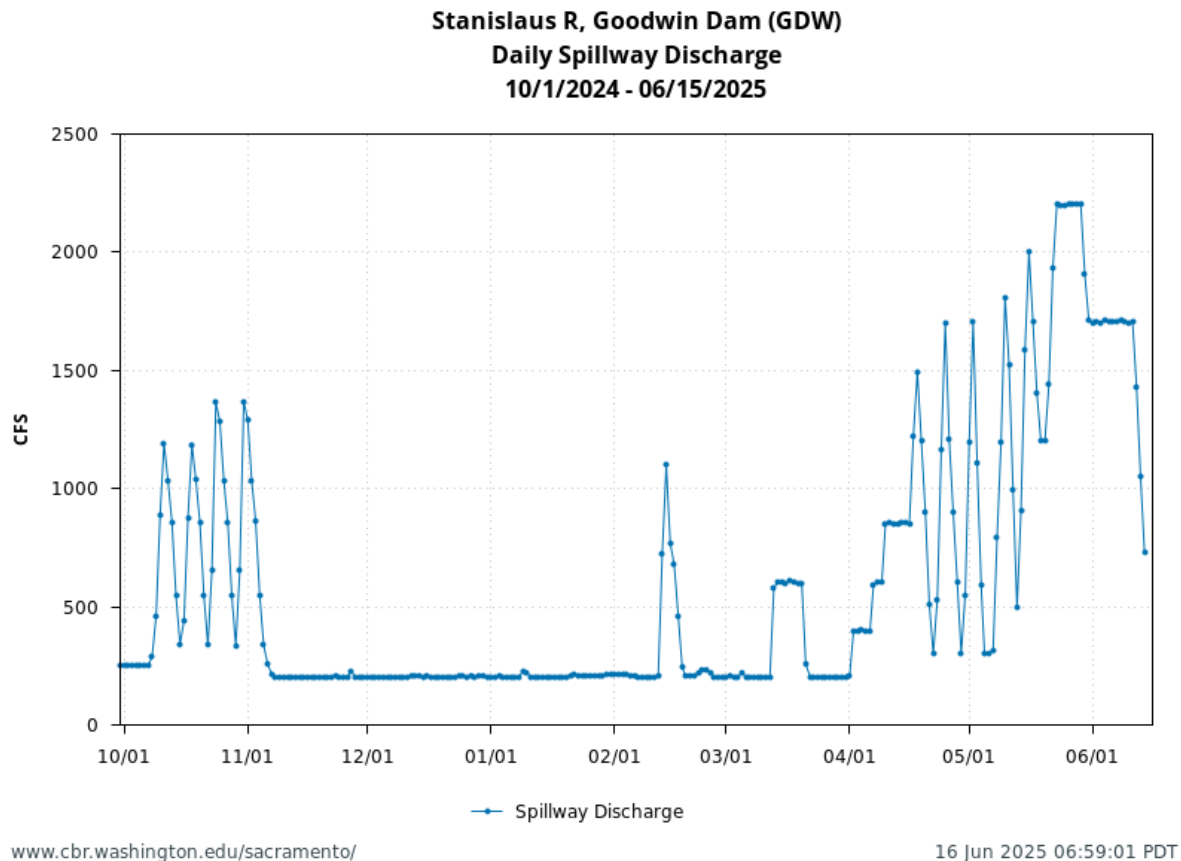


Figure 3. Goodwin (daily) releases to the Stanislaus River since October 1, 2024. Data from GDW station on CDEC.

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, with a minor increase in late November 2024 and early January 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 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.

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 April 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 April 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.

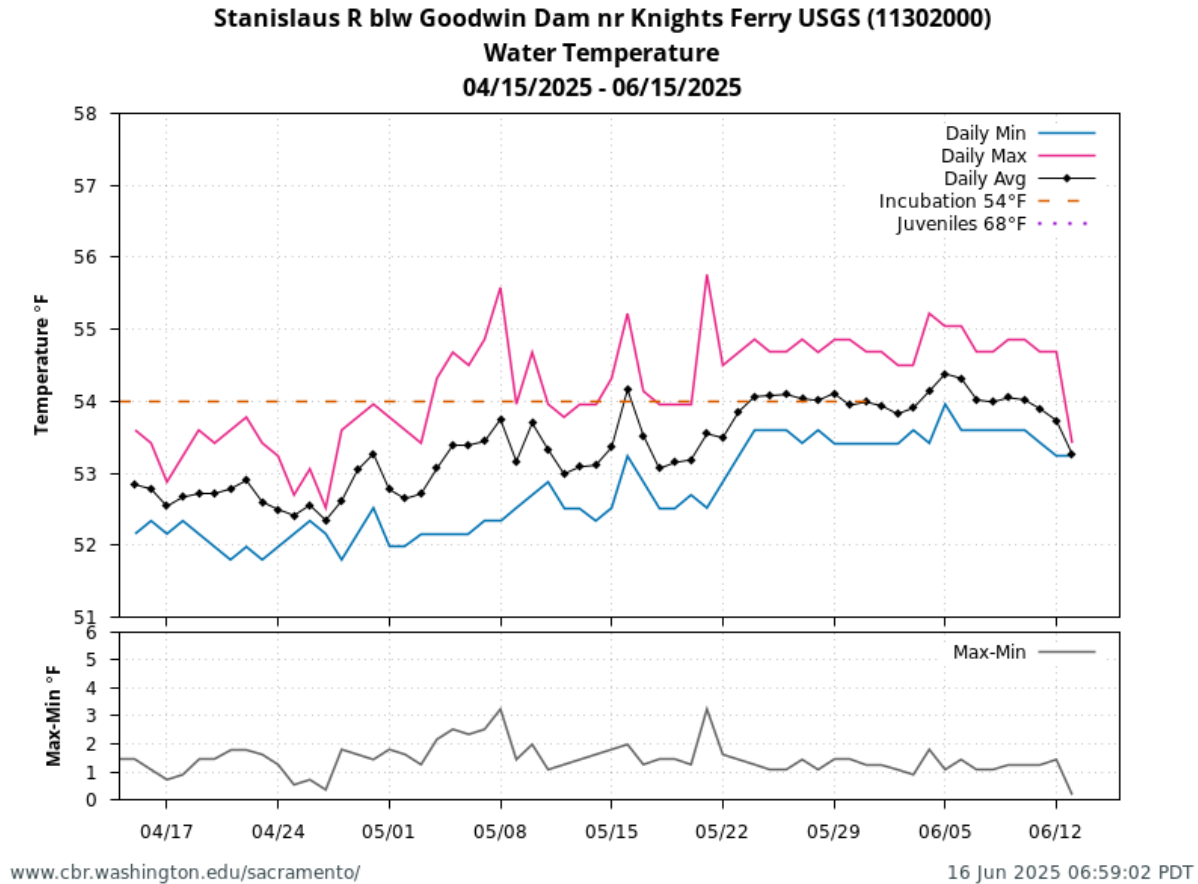


Figure 4. Daily water temperatures on the Stanislaus River upstream of Knights Ferry since April 15, 2025. Data from USGS gage 11302000 on NWIS; temperature threshold reference line added by SWT.

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).

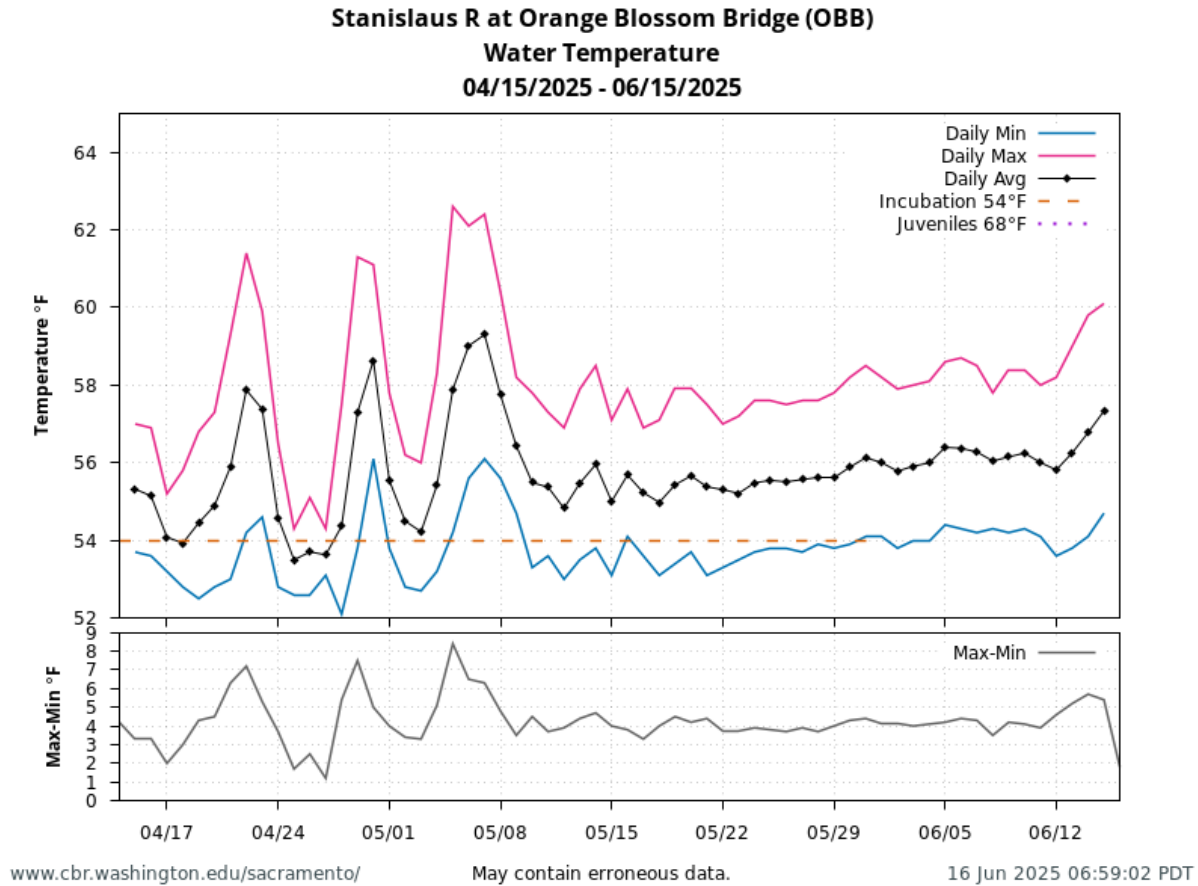


Figure 5. Stanislaus (hourly) water temperatures at Orange Blossom Bridge since April 15, 2025. Data from OBB station on CDEC. Please be aware that due to malfunctions with the temperature gauge at Orange Blossom Bridge, the data should be noted as unreliable.

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.

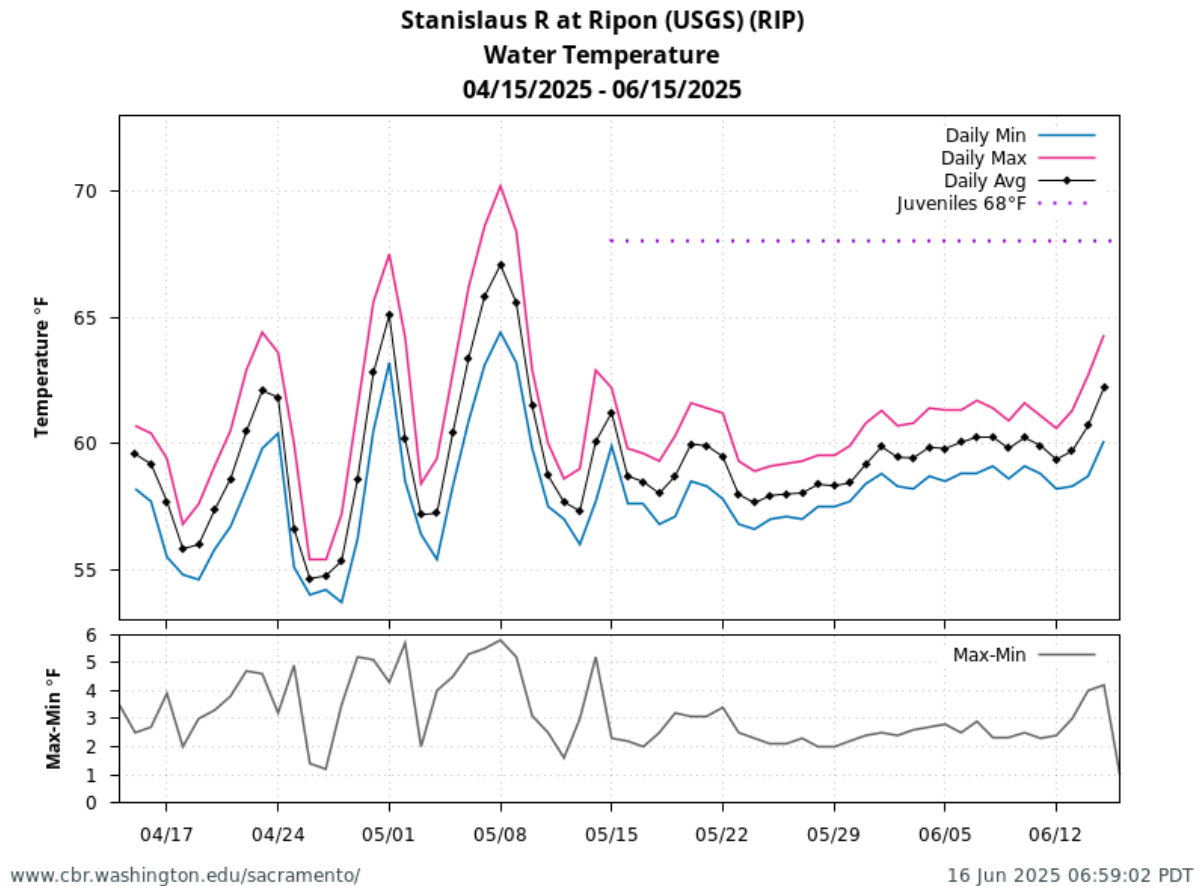


Figure 6. Stanislaus water temperatures at Ripon since April 15, 2025. Data from RIP station on CDEC.

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).

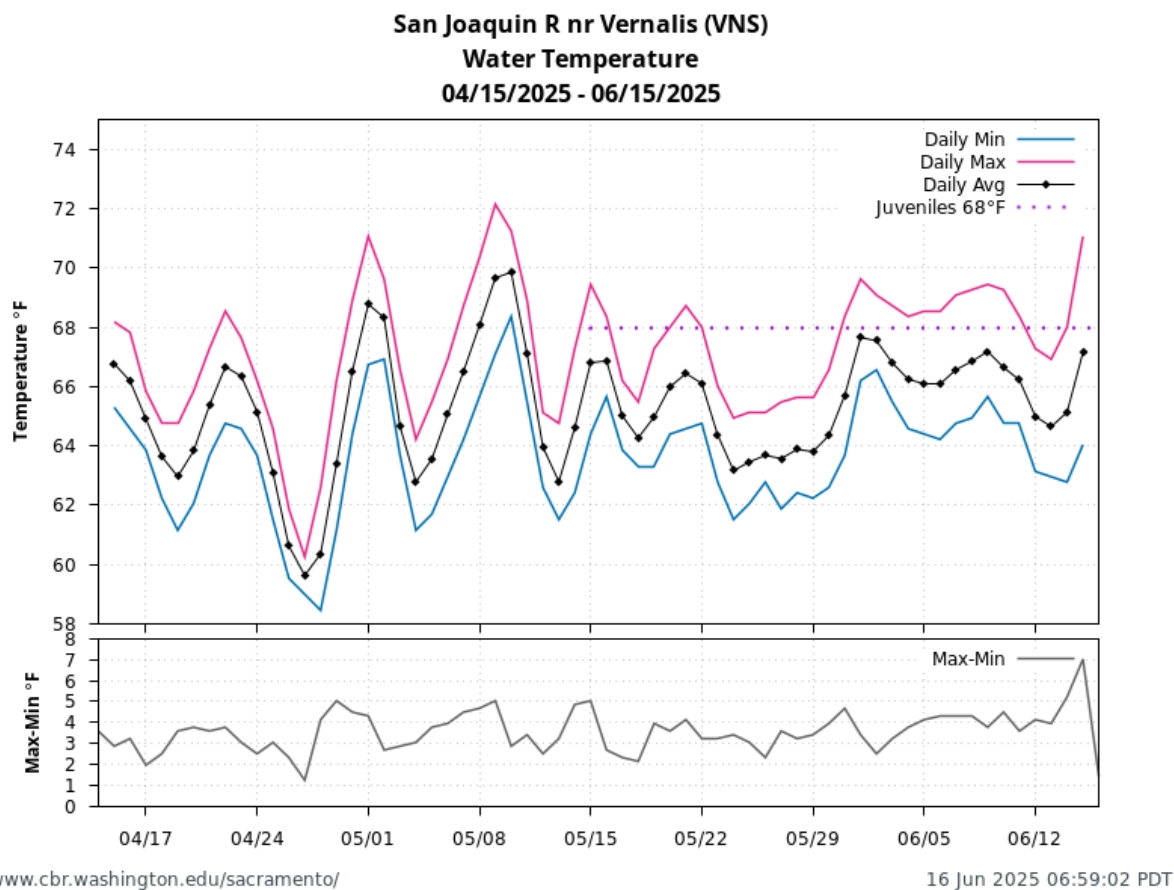


Figure 7. San Joaquin River (15-minute) water temperatures at Vernalis since April 15, 2025. Data from VNS station on CDEC. Note that, unlike in the previous figures, temperature is reported in degrees Celsius. 8°C=46.4°F; 10°C=50°F; 12°C=53.6°F; 14°C=57.2°F; 16°C=60.8°F; 18°C=64.4°F; 20°C=68.0°F; 22°C=71.6°F;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

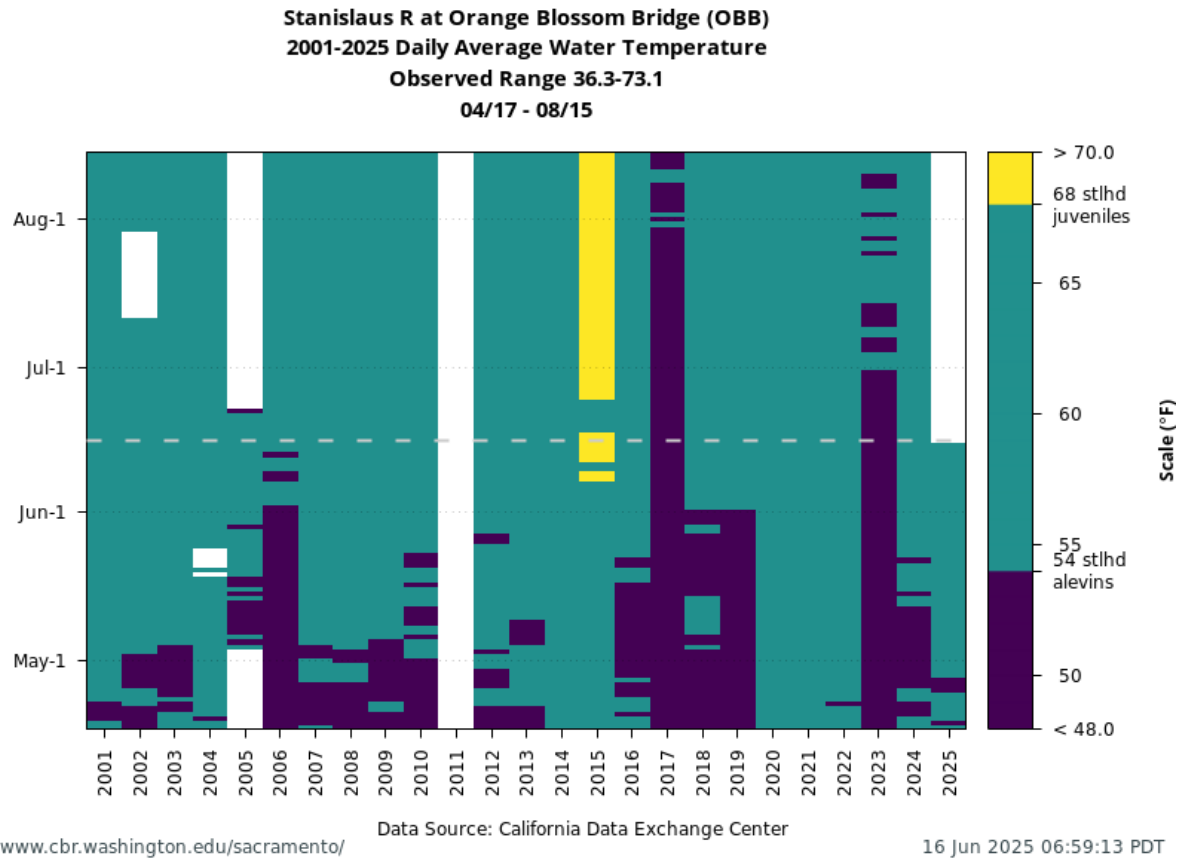


Figure 8. Stanislaus River water temperatures at Orange Blossom Bridge for WY 2001 to present. [Data from SacPAS website](#); temperature threshold reference lines added by SWT. Please be aware that due to malfunctions with the temperature gauge at Orange Blossom Bridge, the data should be noted as unreliable.

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

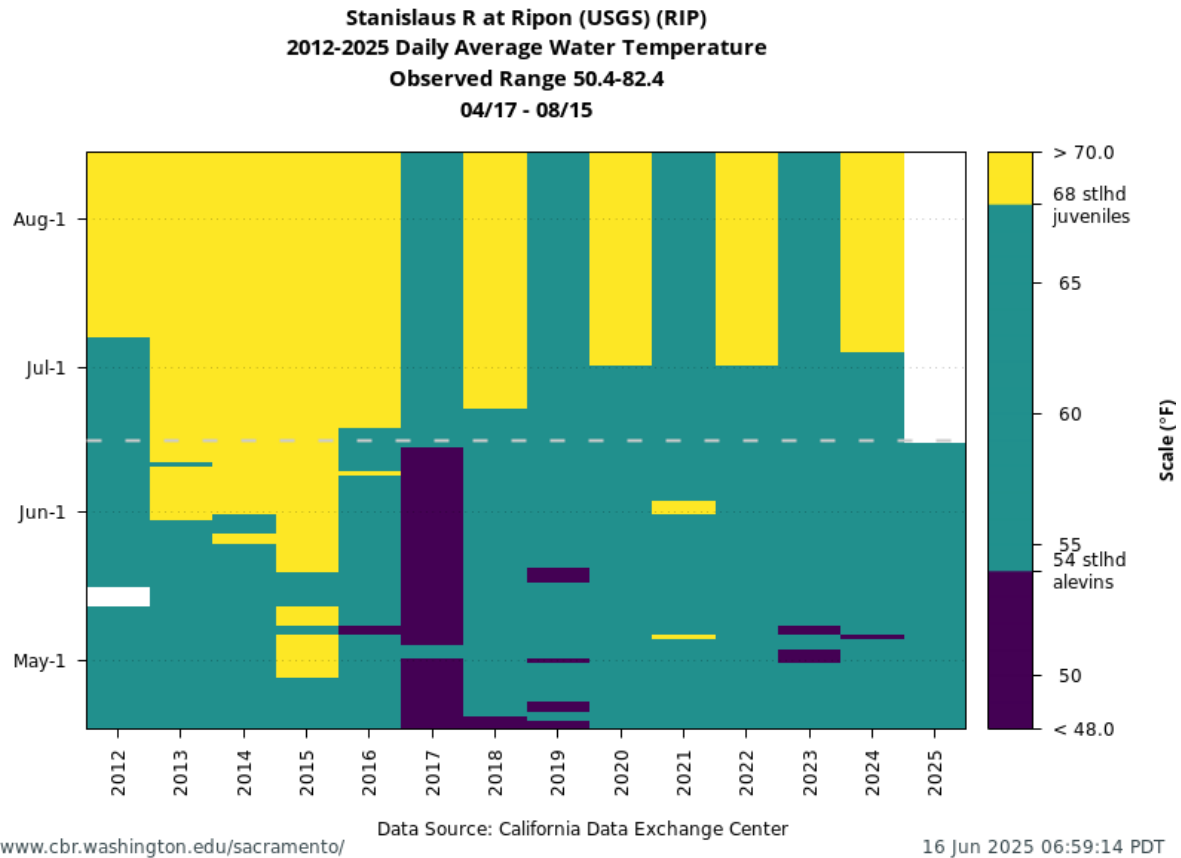


Figure 9. Stanislaus River water temperatures at Ripon for WY 2012 to present. Figure from [SacPAS website](https://www.sacpas.org/) using RIP station data from CDEC; temperature threshold reference line added by SWT.

Figure 9 is a bar chart showing water temperatures at Ripon for WY 2012 to present for April to August. The chart shows that during this time, the daily average water temperature was mostly above 54 degrees Fahrenheit. With temperatures above 68 degrees Fahrenheit from June to August in 2012 through 2016, and 2018, 2020, 2022, and 2024.

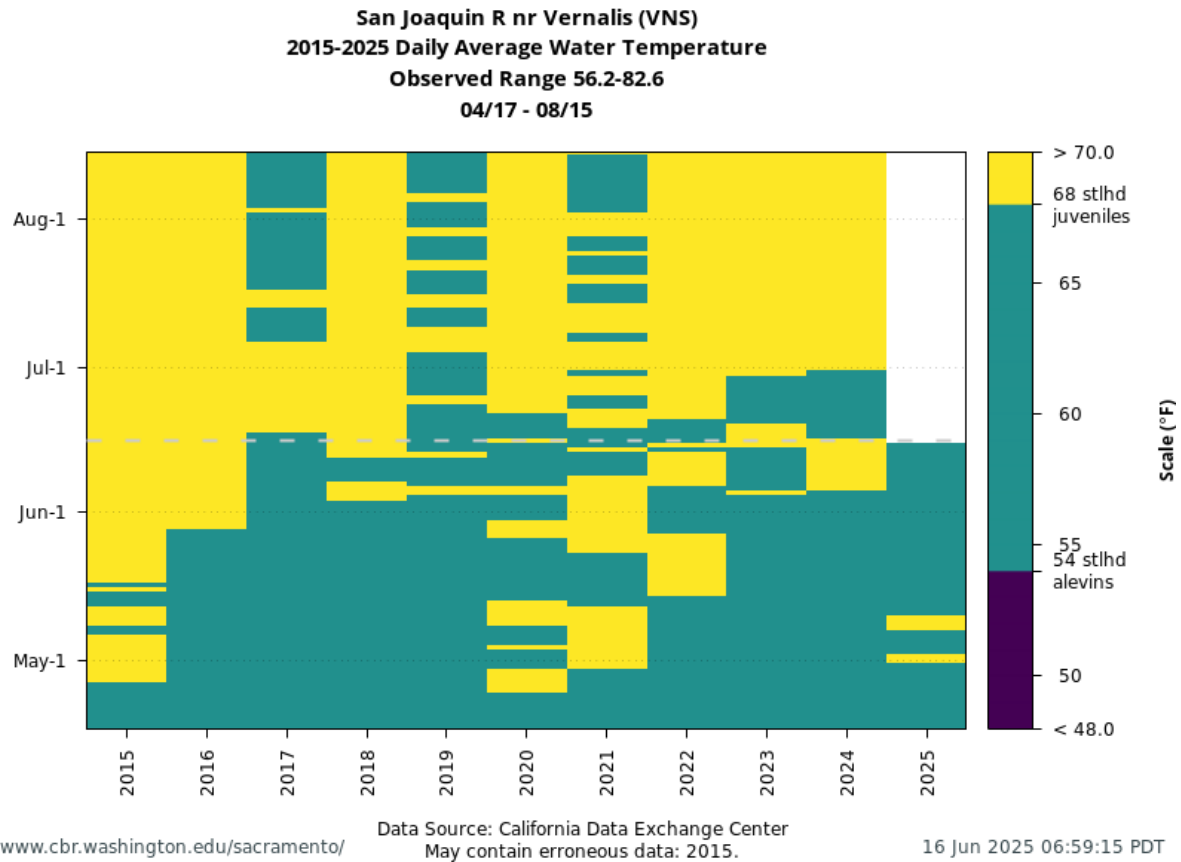


Figure 10. San Joaquin River water temperatures at Vernalis for WY 2015 to present. Figure from [SacPAS website](https://www.sacpas.org/) using VNS station data from CDEC; temperature threshold reference line added by SWT.

Figure 10 is a bar chart showing water temperatures at Vernalis for WY 2015 to present for April to August. The chart shows that during this time, the daily average water temperature was mostly above 68 degrees Fahrenheit.

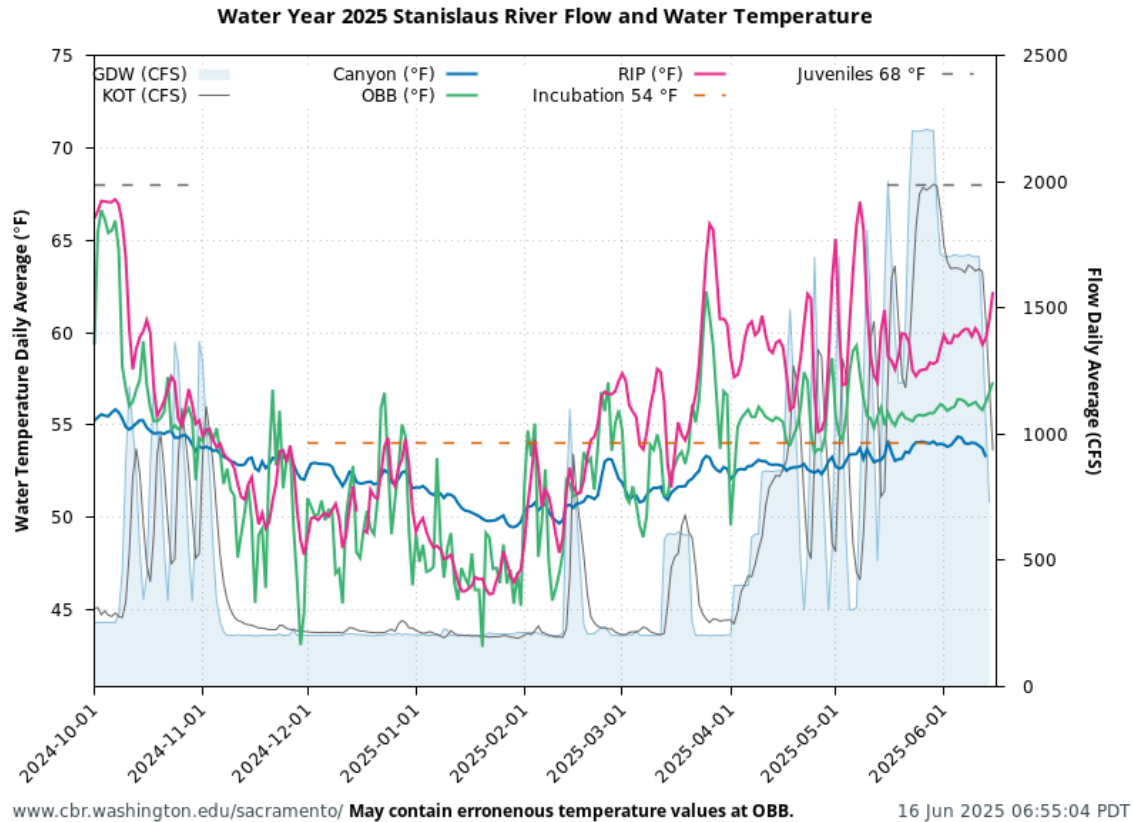


Figure 11. Stanislaus River flow and water temperatures from October 1, 2024 to June 16, 2025. [Data \(including temperature threshold reference lines\) from SacPAS website](https://www.cbr.washington.edu/sacramento/). Please be aware that due to malfunctions with the temperature gauge at Orange Blossom 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, with increasing temperatures after March 2025.

Item 6. Flow Planning

CDFW & USBR Updates

To be shared/discussed at June meeting.

Item 7. Stanislaus River Forum (SRF) Call Review

USBR Updates

No SRF call this month.

Item 8. Fish Monitoring and Studies

CDFW Update on Fish Monitoring (Adults)

Chinook carcass and redd surveys: Will begin in October.

Steelhead redd surveys: Completed the week of 4/29/2025.

Update on Fish Monitoring (Juveniles)

Mossdale Trawl

- Operations shifted from joint operations (USFWS and CDFW) to CDFW-only on 2/18/2025.

Table 7. Data on Mossdale Trawl catch through 5/17/2025

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

Date	Catch	Comments
4/14/2025	7CHN, 2 ad-clip	Ave FL 77.57
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 FI 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 FI 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

Date	Catch	Comments
5/29/2025	4 CHN	Ave FL 89.50
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

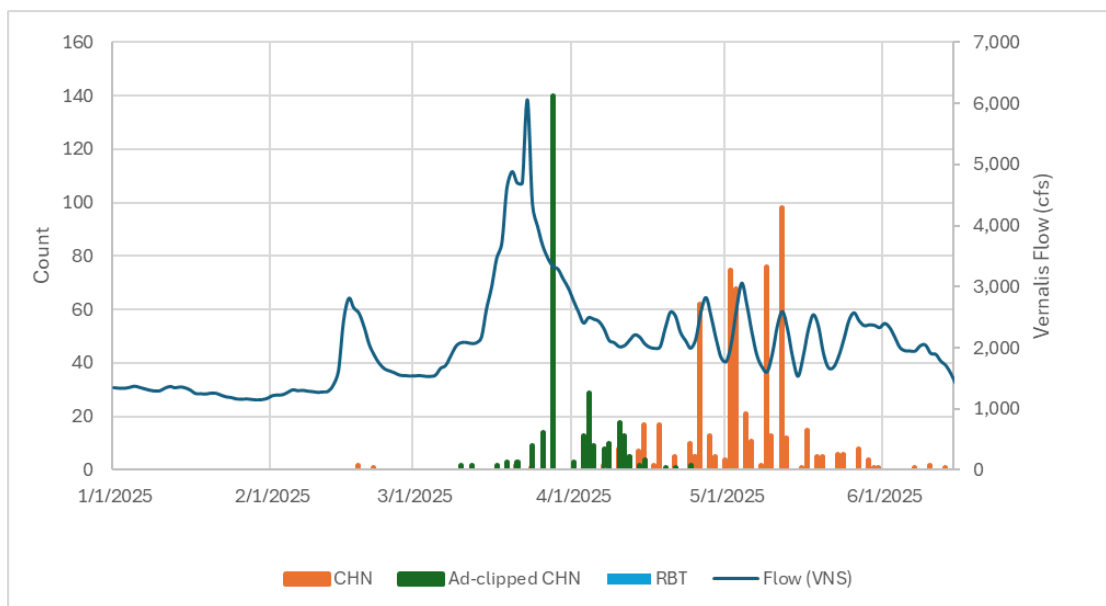


Figure 12. Graph of salmonid catch at Mossdale and flow at Vernalis (cfs).

Figure 12 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 May 2025.

FISHBIO

No updates provided for June.

- The trap was opened on 4/9/2025 as flows were increased and no longer conducive to trapping.

Stanislaus Weir

As of 5/5/2025, a total of 3,643 adult Chinook salmon have passed upstream of the Stanislaus River weir (Table 8). 740 (20%) of the adults were adipose fin clipped (indicating hatchery origin). A total of 34 O. mykiss (Table 9) have been observed passing the Stanislaus River weir as of

5/5/2025, with 7 being over 16 inches. Six out of 34 (18%) of the O. mykiss were adipose fin clipped.

Table 8. Chinook passage at the Stanislaus River Weir - Updated through: 5/5/2025

Year	Monitoring Start date	Net Passage To Date	Season Total
2024	9/5/24	3,643	3,643
2023	9/6/23	2,443	2,443
2022	9/15/22	3,798	3,798
2021	9/8/21	6,027	6,032
2020	9/10/20	1,906	1,906
2019	8/29/19	2,594	2,594
2018	9/5/18	4,779	4,779
2017	9/15/17	8,500	8,500
2016	9/8/16	14,399	14,399
2015	9/15/15	12,707	12,707
2014	9/5/14	5,527	5,527
2013	9/3/13	5,452	5,452
2012	9/11/12	7,160	7,248
2011	11/8/11	776	776
2010	9/7/10	1,364	1,364
2009	9/9/09	1,294	1,303
2008	9/9/08	916	928
2007	9/22/07	439	439
2006	9/8/06	3,063	3,074
2005	9/8/05	4,124	4,124
2004	9/10/04	4,448	4,448
2003	9/5/03	4,848	4,848

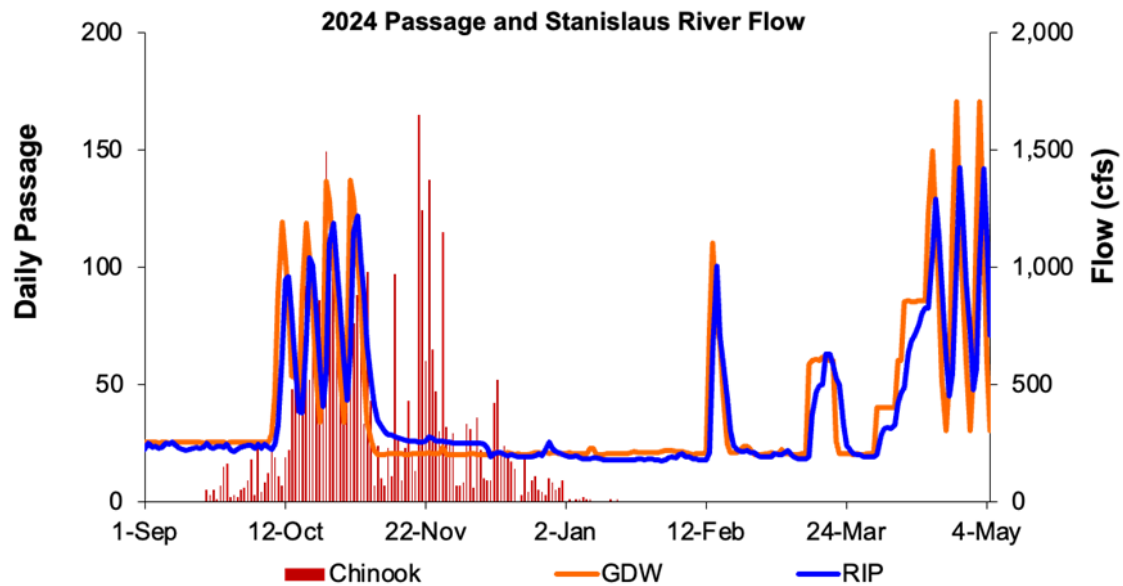


Figure 13. 2024-2025 passage and Stanislaus River flow

Figure 13 is a bar chart showing the 2024 passage and Stanislaus River flow, with the highest peaks occurring throughout September 2024 and May 2025.

Table 9. O. mykiss passage at the Stanislaus River Weir as of 5/5/2025 of each year and the season totals.

Year	Monitoring Start date	Net Passage To Date	Season Total
2024	9/5/24	34	34
2023	9/6/23	55	55
2022	9/15/22	6	6
2021	9/8/21	49	50
2020	9/10/20	8	8
2019	8/29/19	31	31
2018	9/5/18	25	25
2017	9/15/17	11	11
2016	9/8/16	26	26
2015	9/15/15	5	5
2014	9/5/14	8	8
2013	9/3/13	39	39
2012	9/11/12	93	101
2011	11/8/11	86	86
2010	9/7/10	6	6
2009	9/9/09	9	9
2008	9/9/08	15	15
2007	9/22/07	2	2
2006	9/8/06	11	12
2005	9/8/05	0	0
2004	9/10/04	1	1
2003	9/5/03	0	0

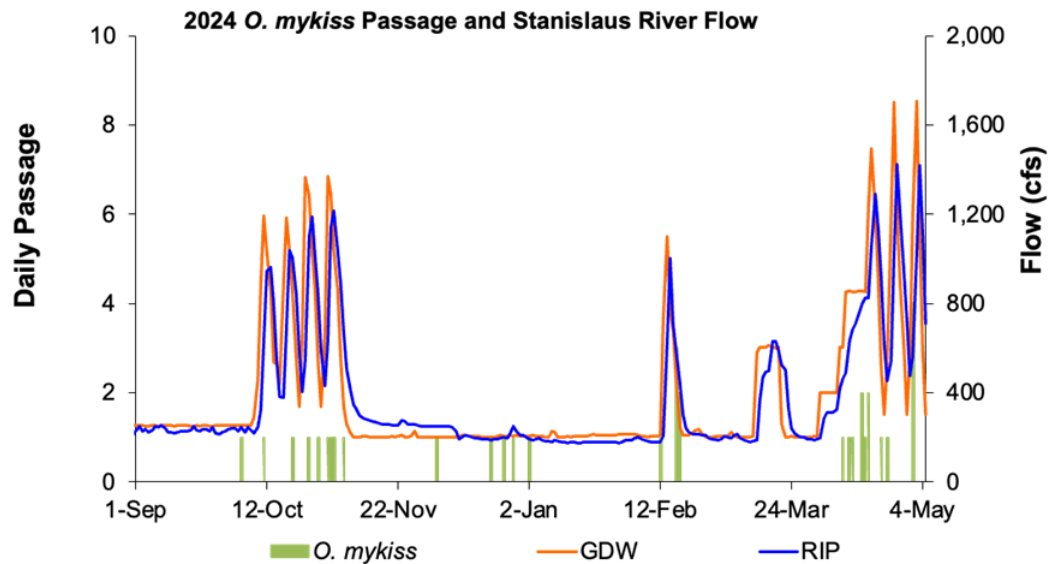
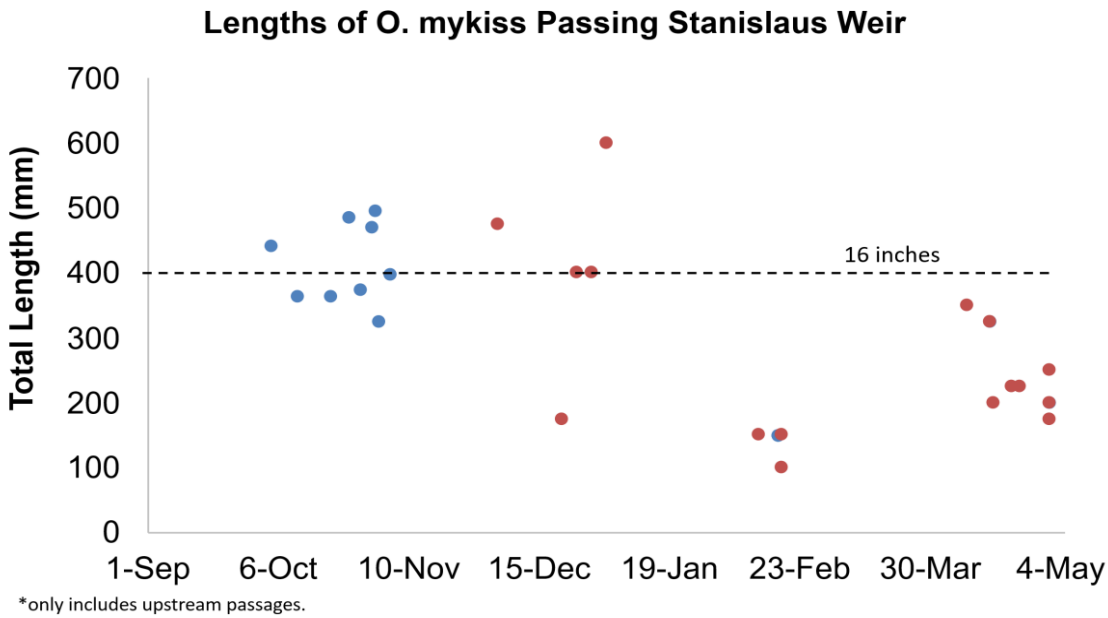


Figure 14. Graph of individual lengths of *O. mykiss* passing upstream of the Stanislaus River Weir, 2024-2025. The red markers indicate estimated lengths during backup video monitoring.

Figure 14. Graph is a bar chart and line graph showing daily *O. mykiss* passage at the Stanislaus River weir and river flow at Goodwin (GDW) and Ripon (RIP), 2024. The highest peaks occur throughout October 2024, February 2025, and again in early April through May 2025.



* only includes upstream passages.

Figure 15. Individual lengths of *O. mykiss* passing upstream of the Stanislaus River Weir, 2024-2025. The red markers indicate estimated lengths during backup video monitoring.

Figure 15. Graph is showing the individual lengths of *O. mykiss* passing upstream of the Stanislaus River Weir, 2024-2025. The red markers indicate estimated lengths during backup video monitoring.

Note: The Vaki RiverWatcher has been down since November 13, 2024, and the backup video system and/or trapping have been the primary monitoring method since. Measurements for *O. mykiss* passing after November 13 are rough estimates based on known length of backboard image.

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 is expected to conclude on 6/20/2025 with uninstalls occurring the following week (6/23/2025).

As of 6/15/2025, PSMFC has captured a total of 2,894 unmarked Chinook salmon. The peak in daily unmarked Chinook salmon catch occurred on 2/16/2025 with a total of 1,423 captured.

Unmarked Chinook salmon are of the silvery parr and smolt life stages and fork lengths have averaged approximately 80 mm.

Two RST efficiency trials have been conducted at the Caswell RST site. Two trials/releases occurred on 2/13 and 3/5/2025 using hatchery-origin Chinook salmon provided by the Merced River Hatchery at approximately 40-50 mm, resulting in trap efficiencies of approximately 6% at flows of approximately 200 cfs.

C. Shasta

Since the week of April 20, 2025, captured Chinook salmon have been healthy with no mortality or sickness observed.

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](#)

Stanislaus River RSTs at Caswell Memorial State Park:

Daily catch of unmarked Chinook Salmon and daily average discharge at Ripon during the 2025 Stanislaus River rotary screw trap sampling season.

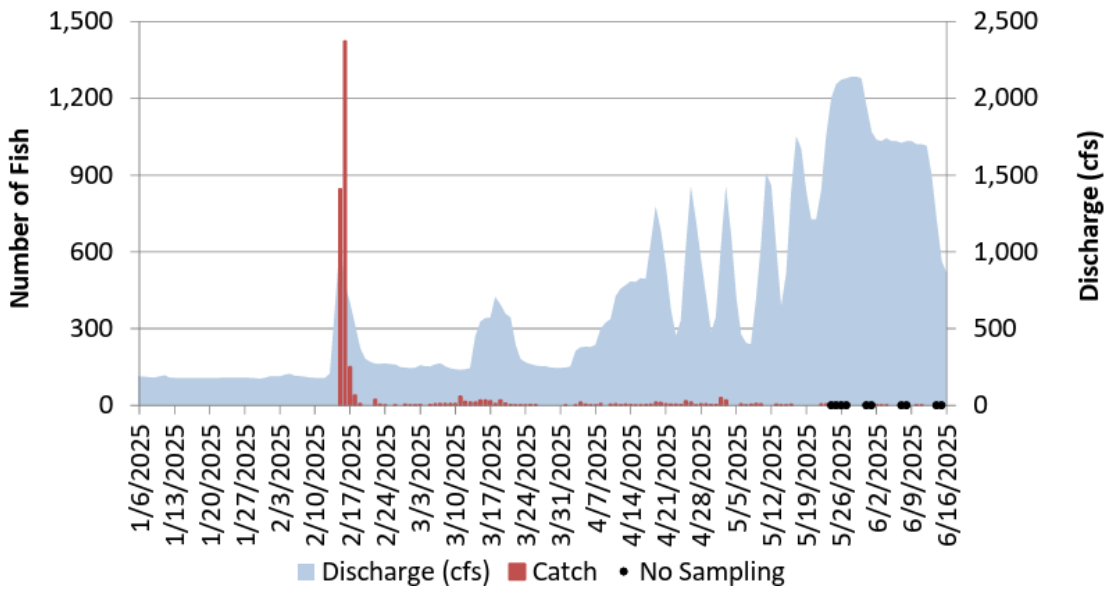


Figure 16. Stanislaus River RSTs at Caswell Memorial State Park

Figure 16. Graph is a bar chart of daily catch of unmarked Chinook Salmon and daily average discharge at Ripon during the 2025 Stanislaus River rotary screw trap sampling season. The highest peaks occur throughout February 2025.

Stanislaus River RSTs at Caswell Memorial State Park:

Daily catch of unmarked Chinook Salmon and daily average discharge at Ripon from February 18th to June 15th during the 2025 Stanislaus River rotary screw trap sampling season.

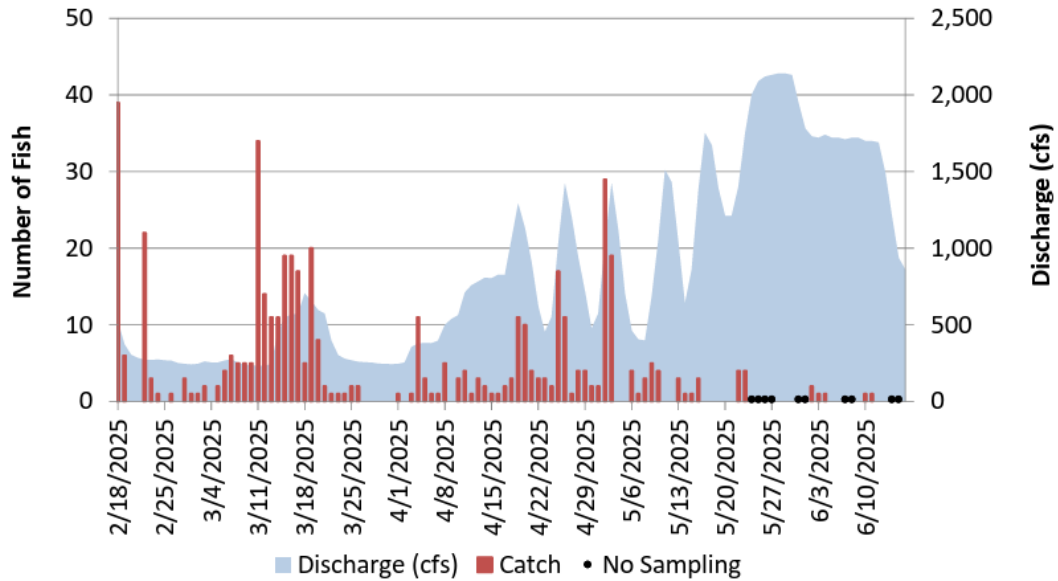


Figure 17. Stanislaus River RSTs at Caswell Memorial State Park

Figure 17. Graph is a bar chart of daily catch of unmarked Chinook Salmon and daily average discharge at Ripon from February 18th to June 10th during the 2025 Stanislaus River rotary screw trap sampling season. The highest peaks occur throughout mid February 2025 and early March 2025.

Stanislaus River RSTs at Caswell Memorial State Park:

Daily fork length distribution by life stage of unmarked Chinook Salmon measured during the 2025 Stanislaus River rotary screw trap sampling season.

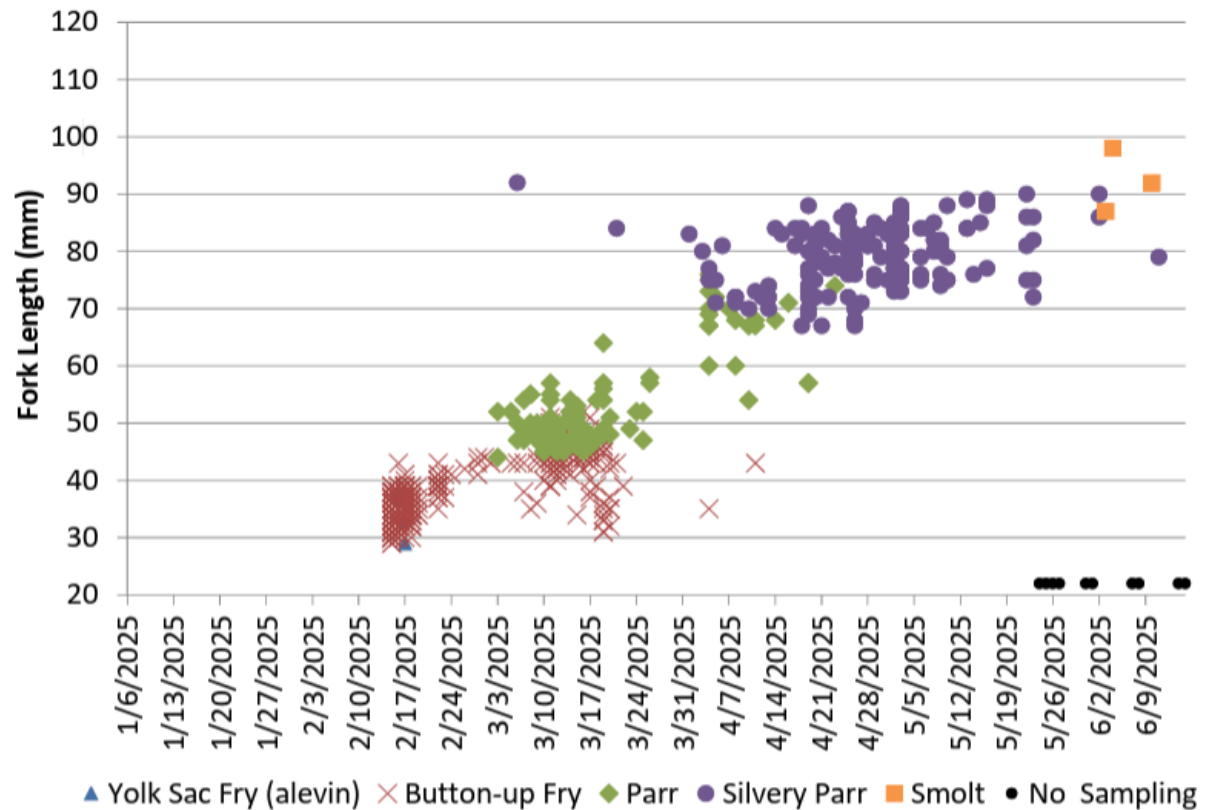


Figure 18. Stanislaus River RSTs at Caswell Memorial State Park

Figure 18. Graph is a point chart of daily fork length distribution by life stage of unmarked Chinook Salmon measured during the 2025 Stanislaus River rotary screw trap sampling season. The highest peaks occur throughout March 2025 through May 2025.

Item 9. Restoration Project Updates

Applicable updates to be shared at the June meeting.