Stanislaus Watershed Team (SWT)

Wednesday, May 20, 2026

Members Attending

- Attorney Offices: N/A
- CDFW: Gretchen Murphey, Steve Tsao, Crystal Rigby, Travis Apgar
- Cramer Fish Sciences: Jesse Anderson
- DWR: John Ford, Kevin Reece
- EBMUD: Matt Saldate
- FISHBIO: Jason Guignard
- NOAA: Carrie Skorcz
- NMFS: Paula Higginson
- PSMFC: N/A
- SSJID: N/A
- Stockton East Water District (SEWD): Lilliana Selke
- SWRCB: Yongxuan Gao, Chris Carr
- Reclamation: Peggy Manza, Mechele Pacheco, Brian Willard, Myrna Girald Perez, Oliver Burgess, Carolyn Bragg
- USFWS: Erika Holcombe, Craig Anderson
- WAPA: N/A
- Kearns & West (K&W): Mia Schiappi, Brita Romans
- Other: N/A

Action Items

- **Mia** to update August meeting invite to be hybrid with the in-person location at CCAO.
- **Gretchen** to prepare pulse flow plan in August.
- **Myrna** to send Water Year 2025 Summary Activities for SWT review and comment within the next couple weeks.
- **Carolyn** to send the SWT information regarding public meetings for USBR Restoration Projects.
- **Myrna** to coordinate with Chrissy Sonke for updates to tables in the WY 2025 Summary of Activities.
- **Mechele** to send a summary of last year's week time flows to meet 1,000 cfs over the weekend and Vernalis requirement.

Announcements

- Mia Schiappi, Kearns & West (K&W), welcomed new participants to the SWT and invited them to introduce themselves.
- Myrna Girald Perez, Reclamation Central California Area Office (CCAO), proposed that the SWT meeting in August be a hybrid meeting with the in-person meeting location being CCAO.

Operations Updates and Forecasts/Hydrology

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

New Melones

- As of 5/17/2026, releases from Goodwin Dam were at 2,204 cubic feet per second (cfs). Releases decreased the morning of 5/20/2026 to 1,800 cfs.
- A change order was distributed on 5/20/2026 announcing that releases will be decreased to 1,600 cfs on 5/23/2026.
- As of 5/17/2026, New Melones storage measured 1.862 million acre-feet (MAF), which is 122% of the 15-year average, but less than last year.
- As of 5/17/2026, New Melones accumulated inflow measured 595 thousand acre-feet (TAF), which is 90% of the 15-year average.

- Accumulated precipitation as of 5/17/2026 measured at 27.91 inches (in) which is 108% of average.
- Some precipitation occurred in April after a very dry March. Storage at New Melones has been generally steady for the entire water year. Storage decreased by about 15.2 TAF from start to end of the month.
- Total releases for April 2026 were measured at 110,759 acre-feet (AF), with 4.46 inches of precipitation for April of 2026.
- From 5/1/2026 through 5/17/2026, storage decreased by 6,800 AF.
- Total releases for the month of May as of 5/17/2026 measured at 62,034 AF with total precipitation of 0.27 in.
- On 5/16/2026, New Melones releases out of the outlet measured at 1,616 TAF due to experiencing negative pricing near New Melones. Reclamation reported that as of 5/20/2026 negative pricing was still occurring and they are trying to make releases as much as they can through power generation.

Goodwin

- Total releases for April 2026 were measured at 66,975 AF.
- From 4/1/2026 through 4/13/2026, releases were made to achieve the Vernalis requirement.
- The spring pulse flow occurred from 4/14/2026 through May. The last spring pulse flow occurred from 5/1/2026 through 5/9/2026.
- Updated Vernalis requirements began on 5/14/2026 with additional releases to needed to meet the requirement. The Vernalis target for 5/14/2026 through 5/31/2026 is 1,864 cfs. The releases for the first part of that period were reported to be higher. For the remainder of the month, releases could potentially be reduced by 200 cfs, or releases may continue to hold at 1600 cfs. Reclamation will continue to monitor the Vernalis forecast.
- There were reported to be a few days earlier in May with releases slightly higher than on the forecast which is allowing Reclamation to decrease slightly more than expected and continue to make releases for the Vernalis requirement.
- 0 or 1 Chipps days are anticipated for June. For 0 Chipps days, the requirement in June would be 1,420 cfs, and the requirement would be 1,535 cfs for 4 Chipps days.
- There will be higher flows during weekdays and recreation flows on the weekends with decreases to 1,000 cfs or lower.

Forecast

- The forecast shown in packet is for New Melones Reservoir 50% exceedance, which would result in 1.576 MAF. Under 90% exceedance, the end of September storage would measure at 1.498 MAF.

Discussion

- CDFW asked if Reclamation CVO has made any calculations to figure out what the higher week time flow would be to meet 1,000 cfs on the weekends and Vernalis goals?
    - Reclamation CVO responded that they have not yet done any calculations but will send out last year's flows via email for reference.

Water Temperature Updates

- Paula Higginson, NMFS, noted that the Orange Blossom Bridge gauge lost some data and was not in operation for approximately one week without a known reason.
- Paula noted high temperature at Ripon, Figure 9, which surpassed 70°F in early May. The flows pushed more cold water down, which lowered the temperature of the water.

Discussion

- Reclamation CCAO provided an update from the April SWT meeting discussion, noting that Reclamation decided on removing the phone number that was listed below the Orange Blossom graph as it was the general office number for BDO and not currently needed.

Flow Planning

CDFW and Reclamation CCAO discussed pulse flow shaping, with Reclamation CVO providing an update that the year type has been updated for 90% to dry. May is the final water year type for the year so it will stay as Dry. CDFW noted that during the August meeting they will have a draft of the Dry year pulse flow schedule to discuss.

Discussion

- Reclamation CCAO noted that the spring pulse flow operations plan for water year 26 is already on the SWT website.
- Reclamation CCAO provided an update that they are in the process of completing the Ops Plan for the WIF that happened.

Fish Monitoring and Studies

CDFW Fish Monitoring

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

Chinook salmon carcass and redd surveys

- CDFW is expected to start fall-run carcass surveys in October as normal.

- On 3/30/2026, full trawl operation shifted from joint (CDFW/USFWS) to CDFW operation and increased to five days per week from three days. Sometime during the month of June, operations will revert back to three days per week.
- Quite a few coded wire tag fish have been captured. CDFW is assuming they are from the San Joaquin River Restoration Program since they are the only hatchery fish released upstream.

FISHBIO Updates

Jason Guignard, FISHBIO, provided updates on weir monitoring operations and results.

- The weir was removed for the season on 5/11/2026.
- Total counts for the season for fall run measured at 7,999 fish with no observed passages after 12/31/2025. A single adult salmon passage was observed on 5/4/2026, approximately one week before the weir was removed.
- Season total for O. mykiss was 15 fish overall, 73% of which were adipose fin clipped. 11 out of 15 measured greater than the 16 inch minimum threshold for adult steelhead.
- There were two observed adult steelhead passages from April through May in addition to a few smaller juveniles which were observed over the last few weeks.
- The weir is planned for reinstallation in September.

PSMFC Updates

- PSMFC staff were in the field during the SWT call, and K&W read their update verbally, noting that K&W will send an updated meeting packet that includes the PSMFC update.
- As of 5/17/2026, PSMFC has captured 111 unmarked Chinook salmon.
- The current peak in daily unmarked Chinook salmon catch occurred on 5/6/2026 with a total of 21 captured. All salmon captured have been silvery parr and smolt life stages.

Restoration Project Updates

Erika Holcombe (USFWS) shared that shared that the science integration team, which is a group of stakeholders and CVPIA staff that determine priorities for funding, is currently finalizing their recommendation for 2026 – 2030 and is on the science integration team website.

USFWS confirmed that last month's updates are still current, and are included below for reference.

- The Caswell State Park project is moving along. They are currently in the middle of the spring sampling season for year two pre-project monitoring. For March and

April, snorkel surveys and predator studies with tethering experiments are underway.

- The Buffington site has been delayed due to funding. USFWS estimated that funding is likely not coming through this year. There is some funding from a previous grant, and the project is fully permitted, ready to go. There have been discussions about doing some partial construction if other funding did not come through, which is likely the case.
- Stanley Wakefield Wilderness Area/Kerr Park has been completed, with post project monitoring currently underway. The grant has been extended through next year so that studies can continue with hope of publishing those studies in time.

Discussion

- Reclamation BDO shared information about public outreach meetings on restoration projects on the Stanislaus River.

Other Discussion Items

- Reclamation CCAO gave an update on the WY25 SWT Summary of Activities Report. Reclamation did revisions from the first draft review and received a couple of comments; it went through internal review, and now revisions are being made. Once those revisions are completed, a final draft will be sent to SWT for their review. If Reclamation does not receive any comments, then 508 compliance and posting will be completed and notification will be sent to SWT once it is finished. The estimated timeline for SWT comments would be the week of 5/25/2026 or 6/1/2026.
- K&W shared that the Sacramento River Science Partnership (SRSP) is hosting a webinar on winter instability flows and invited SWT members to reach out if they would like to attend the 5/21/2026 presentation.

Items to Elevate to Fish and Water Operations Group

- None

Next Meeting

Wednesday, June 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, April 15, 2026

Agenda

1. Introductions
2. Action 5 Review and Ground Rules[1]
3. Announcements
4. Operations Update and Forecasts/Hydrology – Mechele Pacheco, USBR
5. Temperature Updates– Paula Higginson, NMFS
6. Flow Planning– Peggy Manza, USBR and Gretchen Murphey, CDFW
7. Fish Monitoring and Studies – CDFW, FISHBIO
8. Restoration Project Updates

[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

    a. Erika Holcombe, USFWS
    b. USBR
9. Other Discussion Items
10. Items to the Fish and Water Operations Group
11. Review Action Items– Mia Schiappi, Kearns & West
12. Next Meeting: Wednesday, June 17, 2026

Tables for BDO

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

May 17, 2026
Run Date: May 18, 2026

Table 1. Reservoir Releases in Cubic Feet Per Second

Reservoir	Dam	WY 2025	WY 2026	15-Year Median
Trinity	Lewiston	1,608	1,011	1,679
Sacramento	Keswick	8,989	9,090	8,815
Feather	Oroville (SWP)	1,700	1,050	2,300
American	Nimbus	3,449	2,981	2,981
Stanislaus	Goodwin	1,704	2,204	1,500
San Joaquin	Friant	560	846	560

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

Reservoir	Capacity	15-Yr Avg	WY 2025	WY 2026	% O 15 Yr Avg
Trinity	2,448	1,753	2,240	2,191	125
Shasta	4,552	3,639	4,305	4,085	112
Folsom	977	793	927	952	120
New Melones	2,420	1,531	1,972	1,862	122
Fed. San Luis	966	629	712	764	121
Total North CVP	11,363	8,345	10,156	9,854	118
Millerton	521	367	454	501	137
Oroville (SWP)	3,425	2,744	3,386	3,376	123

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

Reservoir	Current WY 2026	WY 1977	WY 1983	15-Yr Avg	% O 15 Yr Avg
Trinity	1,010	143	1,650	895	113
Shasta	3,998	1,714	8,749	3,859	104
Folsom	1,999	251	4,596	1,935	103
New Melones	595	N/A	1,453	657	90
Millerton	969	124	2,133	844	115

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

Reservoir	Current WY 2026	WY 1977	WY 1983	Avg (N Yrs)	% of Avg	Last 24 Hours
Trinity at Fish Hatchery	29.80	12.06	54.59	28.75 (66)	104	0.00
Sacramento at Shasta Dam	65.81	15.37	112.07	56.54 (71)	116	0.00
American at Blue Canyon	59.36	15.64	103.28	61.69 (52)	96	0.00
Stanislaus at New Melones	27.91	N/A	45.33	25.96 (49)	108	0.00
San Joaquin at Huntington LK	31.21	15.40	80.80	38.12 (53)	82	0.00

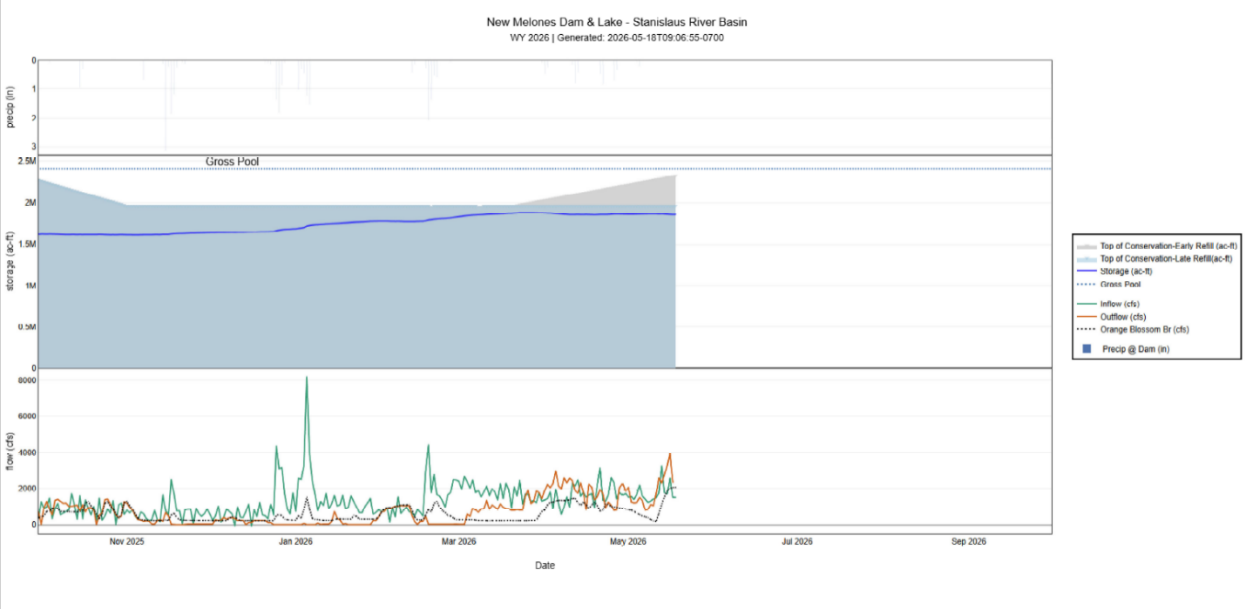

Figure 1. New Melones Dam & Lake – Stanislaus River Basin, 2026-05-18T09:06:55-0700

Figure 1 is a graph that shows the flow, storage, and precipitation for New Melones Dam and Lake from November 2025 to September 2026. The graph shows storage approximately at 1.9M ac-ft in from early February 2026 to May 2026; with an average inflow below 2000 cfs, except for a peak over 8000 cfs in late January 2026, and a smaller peak of about 4000 cfs in late February 2026.

Table 5. New Melones Lake Daily Operations, April 2026, Run Date: 05/18/2026

Day	Elev	Stor-age 1000-Acre-Feet in Lake	Storage 1000-Acre-Feet Change	Com-puted* Inflow C.F.S.	Releas e 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	1,883.6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
1	1,041.46	1,882.6	-1.1	1,363	1,894	0	0	7	0.02	0.47
2	1,041.31	1,881.0	-1.6	1,436	2,229	0	0	14	0.04	0.24
3	1,041.25	1,880.3	-0.6	1,795	2,056	0	0	62	0.18	0.00
4	1,040.98	1,877.4	-2.9	891	2,274	0	0	69	0.20	0.00
5	1,040.78	1,875.3	-2.1	1,954	2,964	0	0	62	0.18	0.00
6	1,040.58	1,873.2	-2.1	1,175	2,151	0	0	96	0.28	0.00
7	1,040.30	1,870.2	-3.0	558	1,983	0	0	76	0.22	0.00
8	1,039.99	1,866.9	-3.3	977	2,584	0	0	55	0.16	0.00
9	1,039.83	1,865.2	-1.7	1,519	2,316	0	0	58	0.17	0.00
10	1,039.52	1,861.9	-3.3	972	2,564	0	0	65	0.19	0.02
11	1,039.49	1,861.6	-0.3	2,297	2,430	0	0	27	0.08	0.17
12	1,039.54	1,862.1	0.5	2,150	1,873	0	0	10	0.03	0.80
13	1,039.67	1,863.5	1.4	2,461	1,735	0	0	31	0.09	0.41
14	1,039.52	1,861.9	-1.6	1,562	2,316	0	0	48	0.14	0.00
15	1,039.51	1,861.8	-0.1	1,768	1,766	0	0	55	0.16	0.00
16	1,039.63	1,863.1	1.3	1,526	830	0	0	55	0.16	0.00
17	1,039.50	1,861.7	-1.4	1,634	2,235	0	0	93	0.27	0.00
18	1,039.42	1,860.9	-0.8	1,707	2,070	0	0	65	0.19	0.00
19	1,039.33	1,859.9	-1.0	956	1,372	0	0	65	0.19	0.00
20	1,039.44	1,861.1	1.2	2,177	1,520	0	0	69	0.20	0.00
21	1,039.65	1,863.3	2.2	3,146	1,942	0	0	82	0.24	0.47
22	1,039.58	1,862.6	-0.7	1,358	1,729	0	0	3	0.01	0.84
23	1,039.64	1,863.2	0.6	1,285	926	0	0	38	0.11	0.01
24	1,039.70	1,863.8	0.6	1,631	1,245	0	0	65	0.19	0.00

Day	Elev	Stor-age 1000-Acre-Feet in Lake	Storage 1000-Acre-Feet Change	Com-puted* Inflow C.F.S.	Releas e C.F.S. Power	Release C.F.S. Spill	Release C.F.S. Outlet	Evap. C.F.S.	Evap. Inches	Precip Inches
25	1,039.97	1,866.7	2.9	2,591	1,084	0	0	65	0.19	0.00
26	1,040.24	1,869.6	2.9	2,347	790	0	0	110	0.32	0.70
27	1,040.35	1,870.7	1.2	1,414	814	0	0	10	0.03	0.33
28	1,040.29	1,870.1	-0.6	1,767	2,041	0	0	48	0.14	0.00
29	1,040.16	1,868.7	-1.4	1,634	2,252	0	0	79	0.23	0.00
30	1,040.12	1,868.3	-0.4	1,710	1,855	0	0	69	0.20	0.00
Totals	N/A	N/A	-15.2	49,761	55,840	0	0	1,651	4.81	4.46
Acre-Feet	N/A	N/A	-15,200	98,701	110,759	0	0	3,275	N/A	N/A

Comments:

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

Summary Precipitation

This Month	4.46
October 1, 2025 to Date	N/A
October 1, 2025 to Date	27.64

Summary: Release (acre- feet)

Release (acre-feet)	N/A
Power	110,759
Spill	0
Outlet	0
Total	**110,759**

Table 6. New Melones Lake Daily Operations, May 2026, Run Date: 05/18/2026

Day	Elev	Storage 1000-Acre-Feet in Lake	Storage 1000-Acre-Feet Change	Computed* Inflow C.F.S.	Release C.F.S. Power	Release C.F.S. Spill	Release C.F.S. Outlet	Evap. C.F.S.	Evap. Inches	Precip. Inches
N/A	N/A	1,868.3	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
1	1,040.00	1,867.0	-1.3	1,513	2,074	0	0	82	0.24	0.00
2	1,040.04	1,867.4	0.4	1,553	1,260	0	0	79	0.23	0.00
3	1,040.06	1,867.7	0.2	1,387	1,204	0	0	76	0.22	0.00
4	1,040.13	1,868.4	0.7	1,662	1,232	0	0	55	0.16	0.04
5	1,040.26	1,869.8	1.4	2,197	1,497	0	0	3	0.01	0.21
6	1,040.30	1,870.2	0.4	1,578	1,333	0	0	31	0.09	0.02
7	1,040.40	1,871.3	1.1	1,413	808	0	0	69	0.20	0.00
8	1,040.46	1,871.9	0.6	1,235	837	0	0	76	0.22	0.00
9	1,040.48	1,872.1	0.2	1,300	1,114	0	0	79	0.23	0.00
10	1,040.53	1,872.6	0.5	1,413	1,052	0	0	93	0.27	0.00
11	1,040.47	1,872.0	-0.6	1,483	1,701	0	0	103	0.30	0.00
12	1,040.30	1,870.2	-1.8	1,742	2,568	0	0	86	0.25	0.00
13	1,040.45	1,871.8	1.6	3,256	2,308	0	0	144	0.42	0.00
14	1,040.25	1,869.7	-2.1	1,764	2,750	0	0	86	0.25	0.00
15	1,039.94	1,866.4	-3.3	1,694	3,269	0	0	86	0.25	0.00
16	1,039.67	1,863.5	-2.9	2,563	2,300	0	1,616	89	0.26	0.00
17	1,039.49	1,861.6	-1.9	1,501	2,352	0	0	110	0.32	0.00
Totals	N/A	N/A	-6.8	29,254	29,659	0	1,616	1,347	3.92	0.27
Acre-Feet	N/A	N/A	-6,800	58,025	58,829	0	3,205	2,672	N/A	N/A

Comments:

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

Summary Precipitation

This Month	0.27
October 1, 2025 to Date	N/A
October 1, 2025 to Date	27.91

Summary: Release (acre-feet)

Release (acre-feet)	N/A
Power	58,829
Spill	0
Outlet	3,205
Total	**62,034**

Table 7. Tulloch Reservoir Daily Operations, April 2026, Run Date: 05/18/2026

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. **
N/A	N/A	56,149	N/A	N/A	N/A	N/A	N/A	N/A	N/A
1	499.79	55,079	-1,070	1,787	1,894	2,314	0	11	1
2	499.77	55,058	-21	2,264	2,229	2,274	0	0	1
3	499.40	54,663	-395	2,088	2,056	2,281	0	0	6
4	499.54	54,812	149	2,336	2,274	2,254	0	0	7
5	500.83	56,203	1,391	2,963	2,964	2,256	0	0	6
6	500.68	56,040	-163	2,213	2,151	2,285	0	0	10
7	500.07	55,379	-661	2,034	1,983	2,359	0	0	8
8	500.63	55,986	607	2,661	2,584	2,349	0	0	6
9	500.52	55,867	-119	2,354	2,316	604	1,505	299	6
10	500.98	56,365	498	2,651	2,564	523	1,580	290	7
11	501.23	56,641	276	2,470	2,430	2,328	0	0	3
12	501.25	56,663	22	1,931	1,873	1,919	0	0	1
13	501.02	56,409	-254	1,793	1,735	1,918	0	0	3
14	501.40	56,828	419	2,412	2,316	2,196	0	0	5
15	501.20	56,608	-220	1,794	1,766	1,899	0	0	6
16	500.03	55,336	-1,272	889	830	1,524	0	0	6
17	500.83	56,203	867	2,268	2,235	1,821	0	0	10
18	501.13	56,530	327	2,112	2,070	1,940	0	0	7
19	500.92	56,300	-230	1,388	1,372	1,497	0	0	7
20	501.64	57,093	793	1,535	1,520	1,128	0	0	7
21	503.38	59,043	1,950	2,114	1,942	1,122	0	0	9
22	503.83	59,556	513	1,792	1,729	1,533	0	0	0
23	503.31	58,963	-593	962	926	1,257	0	0	4
24	503.77	59,488	525	1,250	1,245	978	0	0	7
25	504.32	60,120	632	1,120	1,084	794	0	0	7
26	504.14	59,912	-208	852	790	945	0	0	12
27	503.14	58,770	-1,142	898	814	1,473	0	0	1
28	503.08	58,701	-69	2,164	2,041	2,194	0	0	5
29	503.53	59,214	513	2,285	2,252	2,018	0	0	8
30	503.95	59,693	479	1,986	1,855	1,738	0	0	7
Totals	N/A	N/A	3,544	57,366	55,840	51,721	3,085	600	173

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. **
Acre-Feet	N/A	N/A	3,544	113,785	110,759	102,589	6,119	1,190	343

Comments:

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

Summary: Release (acre-feet)

Release (acre-feet)	N/A
Power	102,589
Spill	6,119
Outlet	1,190
Total	**109,898**

Table 8. Tulloch Reservoir Daily Operations, May 2026, Run Date: 05/18/2026

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. **
N/A	N/A	59,693	N/A	N/A	N/A	N/A	N/A	N/A	N/A
1	505.00	60,907	1,214	2,117	2,074	1,496	0	0	9
2	504.86	60,745	-162	1,294	1,260	1,367	0	0	9
3	504.97	60,872	127	1,244	1,204	1,172	0	0	8
4	505.18	61,119	247	1,251	1,232	1,120	0	0	6
5	506.15	62,262	1,143	1,627	1,497	1,051	0	0	0
6	506.55	62,740	478	1,336	1,333	1,092	0	0	3
7	506.10	62,202	-538	959	808	1,222	0	0	8
8	505.34	61,307	-895	861	837	1,304	0	0	8
9	505.27	61,225	-82	1,122	1,114	1,154	0	0	9
10	505.31	61,272	47	1,133	1,052	1,099	0	0	10
11	505.02	60,931	-341	1,793	1,701	1,954	0	0	11
12	505.42	61,401	470	2,635	2,568	2,389	0	0	9
13	504.46	60,282	-1,119	2,367	2,308	2,430	211	274	16
14	504.04	59,796	-486	2,867	2,750	2,430	408	265	9
15	504.22	60,005	209	3,376	3,269	2,423	525	314	9
16	505.82	61,871	1,866	3,758	3,916	2,426	261	120	10
17	505.13	61,060	-811	2,602	2,352	2,422	569	8	12
Totals	NA	NA	1,367	32,342	31,275	28,551	1,974	981	146
Acre-Feet	NA	NA	1,367	64,150	62,034	56,631	3,915	1,946	290

Comments:

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

Summary: Release (acre-feet)

Release (acre-feet)	N/A
Power	56,631
Spill	3,915
Outlet	1,946
Total	**62,492**

Table 9. Goodwin Reservoir Daily Operations, April 2026, Run Date: 05/18/2026

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	622	N/A	N/A	N/A	N/A	N/A	N/A
1	360.44	623	1	2,325	0	1,188	863	293
2	360.44	623	0	2,274	0	1,308	786	202
3	360.44	623	0	2,281	0	2,254	746	254
4	360.48	624	1	2,254	0	1,402	732	141
5	360.49	624	0	2,256	0	1,402	732	140
6	360.49	624	0	2,285	0	1,400	742	163
7	360.49	624	0	2,359	0	1,401	747	233
8	360.49	624	0	2,349	0	1,404	745	210
9	360.49	624	0	2,408	0	1,404	740	250
10	360.49	624	0	2,393	0	1,400	742	230
11	360.49	624	0	2,328	0	1,405	758	177
12	360.29	621	-3	1,919	0	1,059	743	130
13	360.29	621	0	1,918	0	1,004	770	150
14	360.45	623	2	2,196	0	1,261	774	166
15	360.25	620	-3	1,899	0	963	744	209
16	360.16	619	-1	1,524	0	760	541	236
17	360.40	622	3	1,821	0	1,151	506	152
18	360.39	622	0	1,940	0	1,200	515	236
19	360.25	620	-2	1,497	0	927	459	121
20	360.00	616	-4	1,128	0	555	461	105
21	360.16	619	3	1,122	0	753	304	59
22	360.42	623	4	1,533	0	1,209	283	42
23	360.24	620	-3	1,257	0	945	283	40
24	360.01	616	-4	978	0	562	311	122
25	359.90	614	-2	794	0	368	323	116

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	360.01	616	2	945	0	497	337	101
27	360.30	621	5	1,473	0	952	336	165
28	360.55	625	4	2,194	0	1,457	465	194
29	360.40	622	-3	2,018	0	1,241	523	237
30	360.25	620	-2	1,738	0	934	538	251
Totals	N/A	N/A	-2	55,406	0	33,766	17,549	5,125
Acre-Feet	N/A	N/A	-2	109,898	0	66,975	34,808	10,165

Joint Main Operated by SSJID and OID.

Summary: Release (acre-feet)

Joint Main Canal	34,808
South Main Canal	10,165
Outlet	0
Spill	66,975
Total	**111,949**

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

Table 10. Goodwin Reservoir Daily Operations, May 2026, Run Date: 05/18/2026

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	620	N/A	N/A	N/A	N/A	N/A	N/A
1	360.13	618	-2	1,496	0	714	527	242
2	360.07	617	-1	1,367	0	602	527	216
3	360.01	616	-1	1,172	0	503	492	141
4	359.94	615	-1	1,120	0	410	491	197
5	359.90	614	-1	1,051	0	351	479	199
6	359.88	614	0	1,092	0	303	494	268
7	359.83	613	-1	1,222	0	253	587	350
8	359.80	613	0	1,304	0	204	638	403
9	359.75	612	-1	1,154	0	154	614	327
10	359.79	613	1	1,099	0	153	584	318
11	360.41	623	10	1,954	0	870	725	323
12	360.42	623	0	2,389	0	1,201	778	397
13	360.69	627	4	2,915	0	1,755	793	351
14	360.76	628	1	3,103	0	2,008	803	312
15	360.83	629	1	3,262	0	2,205	785	311
16	360.85	630	1	2,807	0	2,207	675	267
17	360.83	629	-1	2,999	0	2,204	597	236
Totals	N/A	N/A	9	31,506	0	16,097	10,589	4,858
Acre-Feet	N/A	N/A	9	62,492	0	31,928	21,003	9,636

Joint Main Operated by SSJID and OID.

Summary: Release (acre-feet)

Joint Main Canal	21,003
South Main Canal	9,636
Outlet	0
Spill	31,928
Total	**62,568**

Table 11. New Melones 50% Exceedance

Month	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr
Storage (TAF)	1824	1756	1682	1624	1576	1526	1538	1556	1592	1621	1681	1691
Releases (TAF)	157	140	110	90	77	82	22	21	12	37	43	146
Inflow (TAF)	118	79	44	39	35	35	35	40	50	67	105	160
GW Releases (CFS)	827	630	200	200	200	635	200	200	200	497	523	898

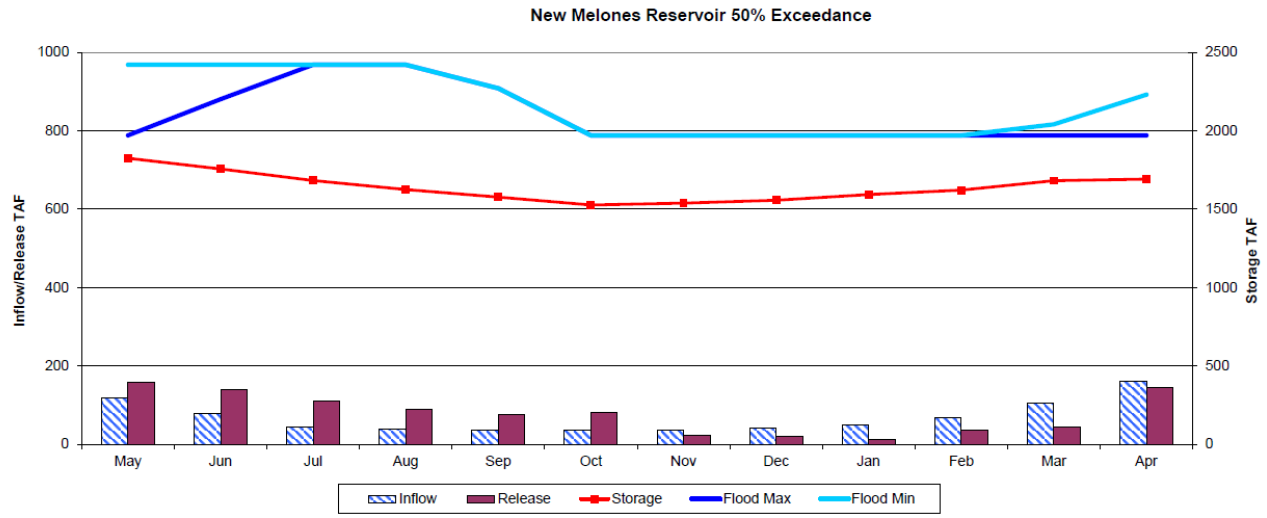

Figure 2. New Melones Reservoir 50% Exceedance

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 May 2025 – April 2026 and a line graph of the reservoir storage, flood maximum and flood minimum flows.

Table 12. New Melones 90% Exceedance

Month	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr
Storage (TAF)	1786	1683	1606	1546	1498	1438	1435	1433	1439	1397	1376	1256
Releases (TAF)	175	156	110	90	77	82	22	21	12	66	65	162
Inflow (TAF)	98	59	41	37	34	25	20	20	20	25	45	45
GW Releases (CFS)	1114	899	200	200	200	635	200	200	200	1019	881	1151

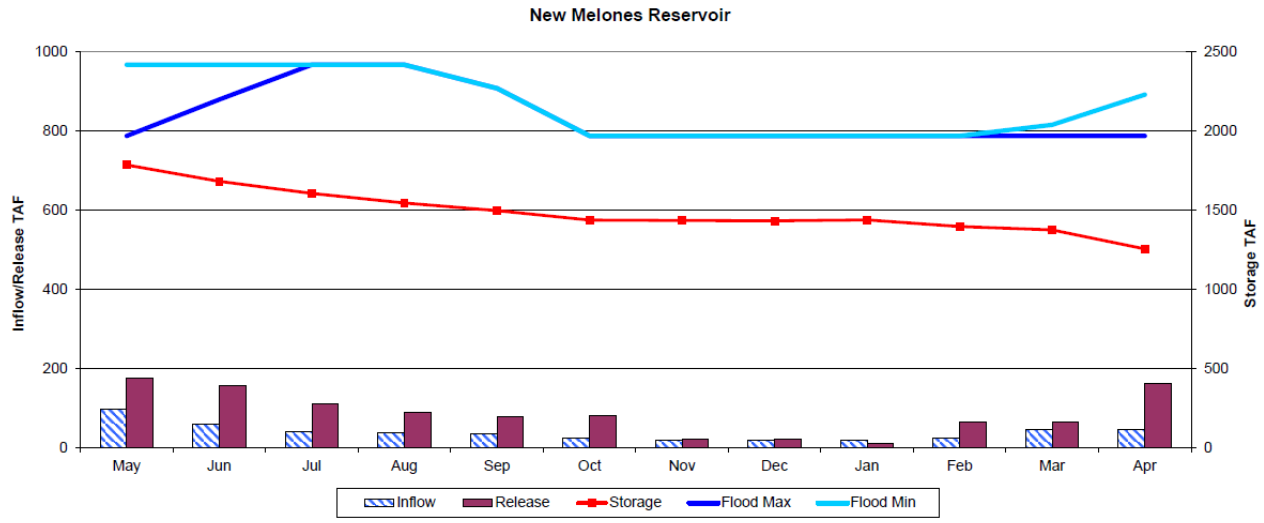

Figure 3. New Melones Reservoir 90% Exceedance

Figure 3 is a graph that shows the New Melones Reservoir 90% Exceedance. The graph shows the New Melones Reservoir inflow and release as a bar graph for each month between May 2025 – April 2026 and a line graph of the reservoir storage, flood maximum and flood minimum flows.

March 2026 Water Temperature and Fish Monitoring Update

Year-to-Date Flows

Goodwin releases since October 1, 2025, are shown in Figure 4.

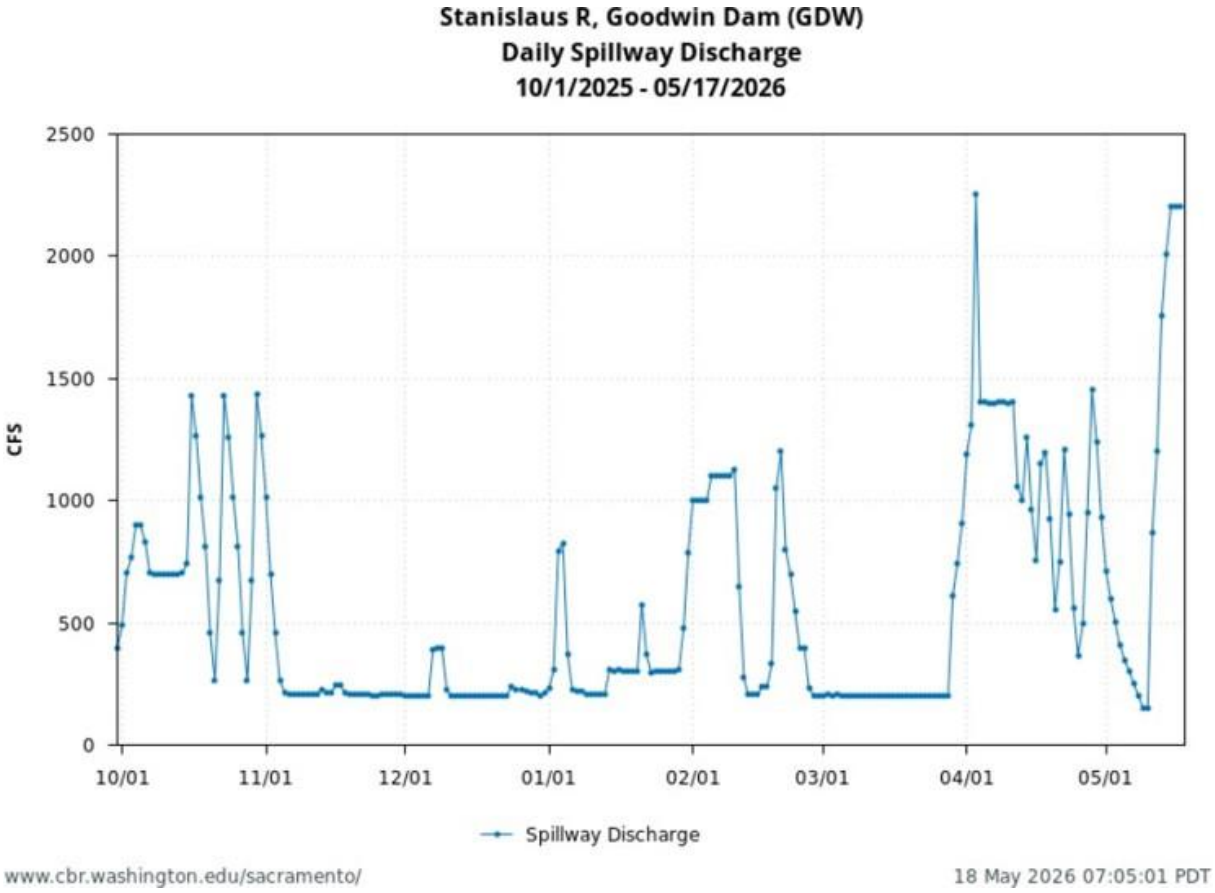

Figure 4. Goodwin (daily) releases to the Stanislaus River since October 1, 2025 (water year). Data from GDW station on CDEC.

Figure 4 is a line graph showing Goodwin Dam daily spillway discharge. The graph shows three peaks to over 1400 cfs on October 17, 23, 29. The spillway discharge drops to about 200 cfs throughout late November 2025, with an increases between 400 cfs to 1200 cfs between December and March 2026. The spillway discharge peaks over 2000 cfs on April 3, 2026 and drops between 1000 and 1500 through April 13, 2026, with an increase above 2000 cfs on May 17, 2026.

Water Temperature

The temperature thresholds included in Figures 5-12, 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 March 2026 are shown below at Goodwin Canyon (Figure 5), Orange Blossom Bridge (Figure 6), and at Ripon (Figure 7). Water temperatures in the San Joaquin River since October 2025 are shown below at Vernalis (Figure 8). Current-year water temperatures are plotted along with historical temperatures for upstream of Orange Blossom Bridge (Figure 9), Ripon (Figure 10), and Vernalis (Figure 11). A compilation of Stanislaus River water temperatures and Goodwin releases Water Year 2026 is provided in Figure 12.

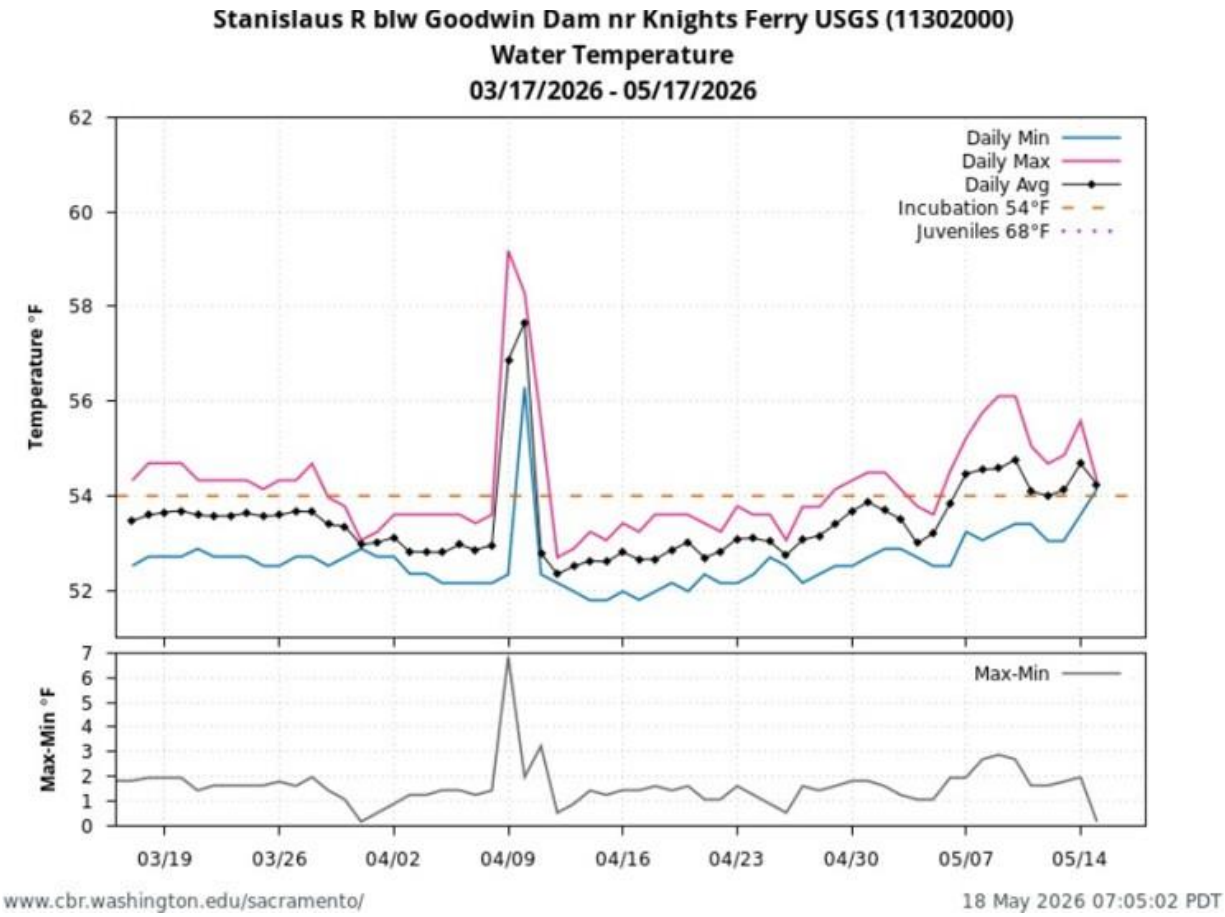

Figure 5. Daily water temperatures on the Stanislaus River upstream of Knights Ferry since March 17, 2026. Data from USGS gage 11302000 on NWIS; temperature threshold reference line added by SWT.

Figure 5 is a 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).

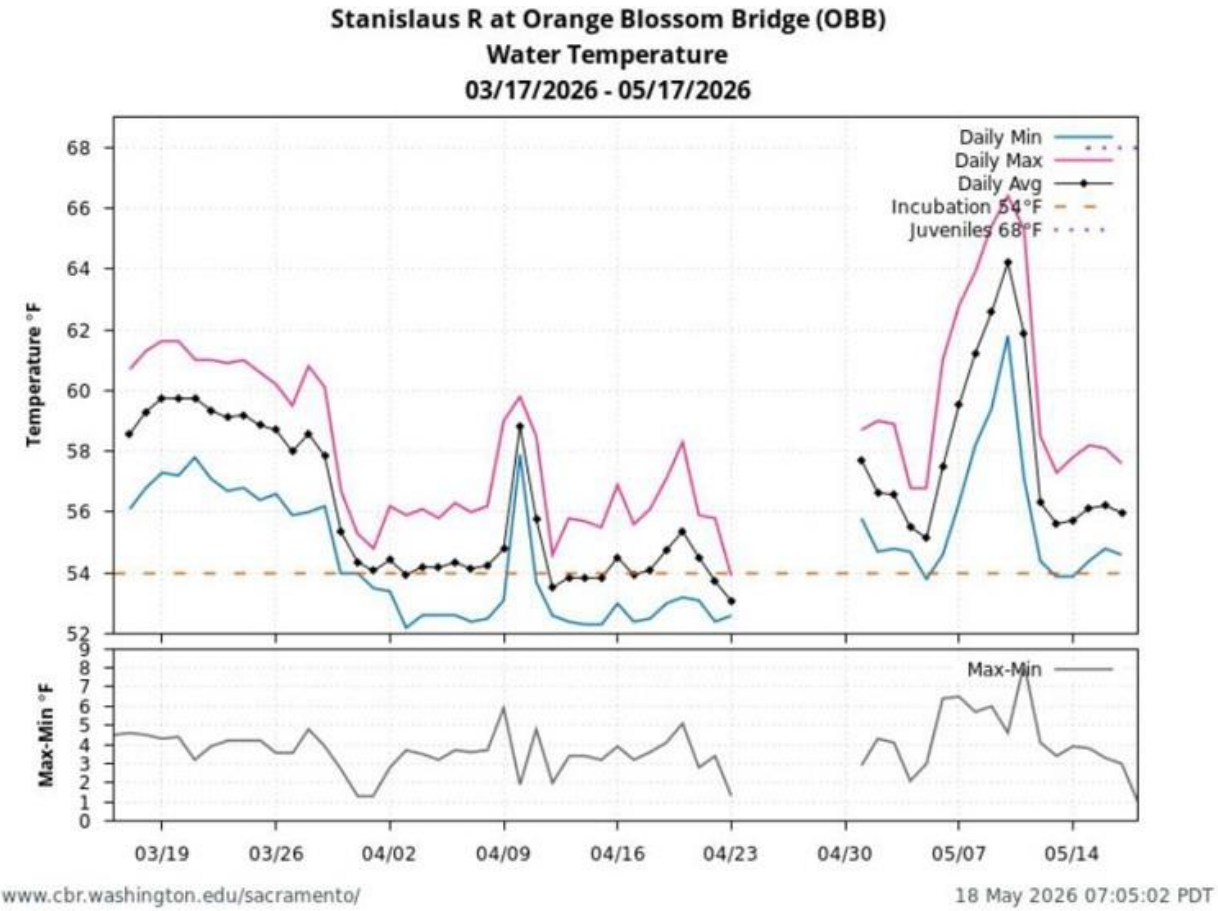

Figure 6. Stanislaus (hourly) water temperatures at Orange Blossom Bridge since March 17, 2026. Data from OBB station on CDEC. Please be aware that due to malfunctions with the temperature gauge at Orange Blossom Bridge, the data should be noted as unreliable.

Figure 6 is a 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.

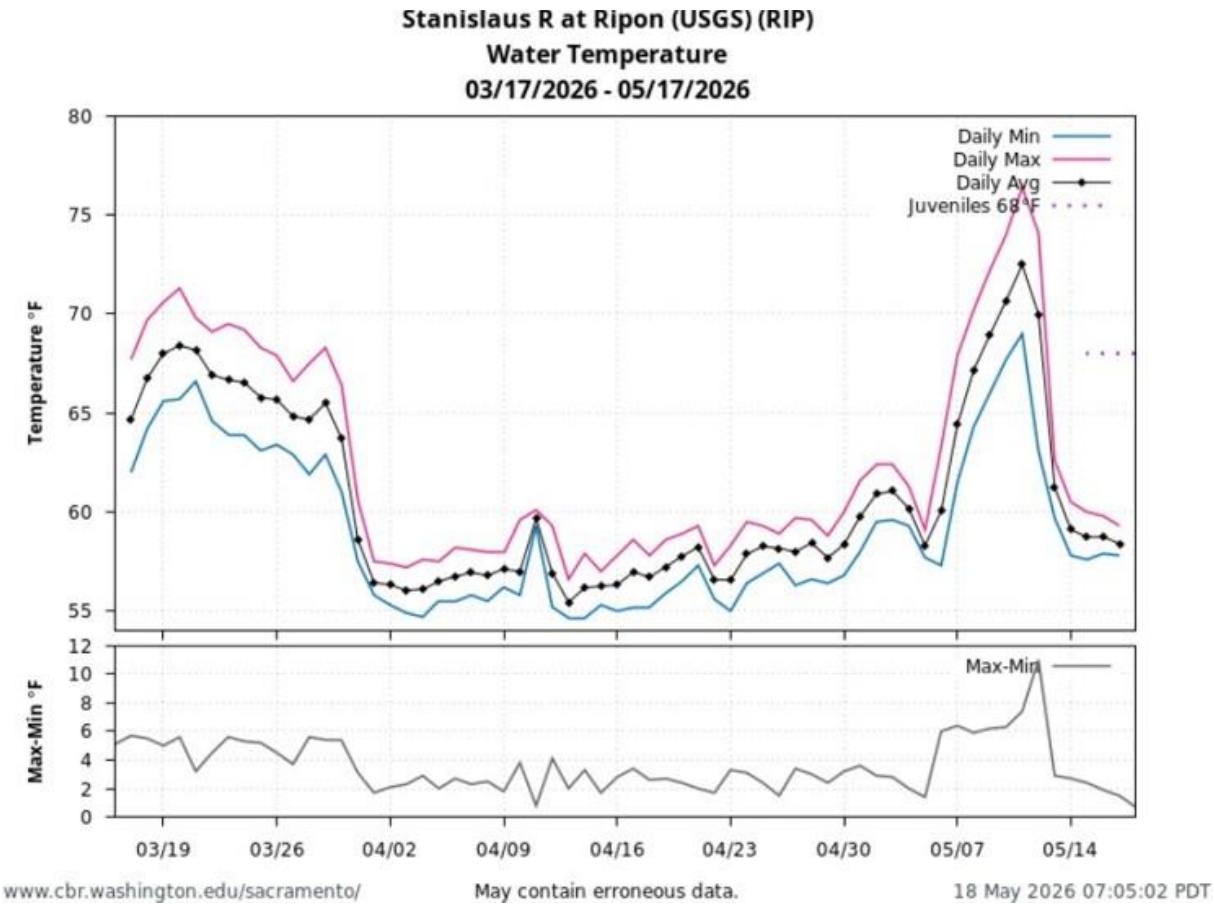

Figure 7. Stanislaus water temperatures at Ripon since March 17, 2026. Data from RIP station on CDEC.

Figure 7 is a 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).

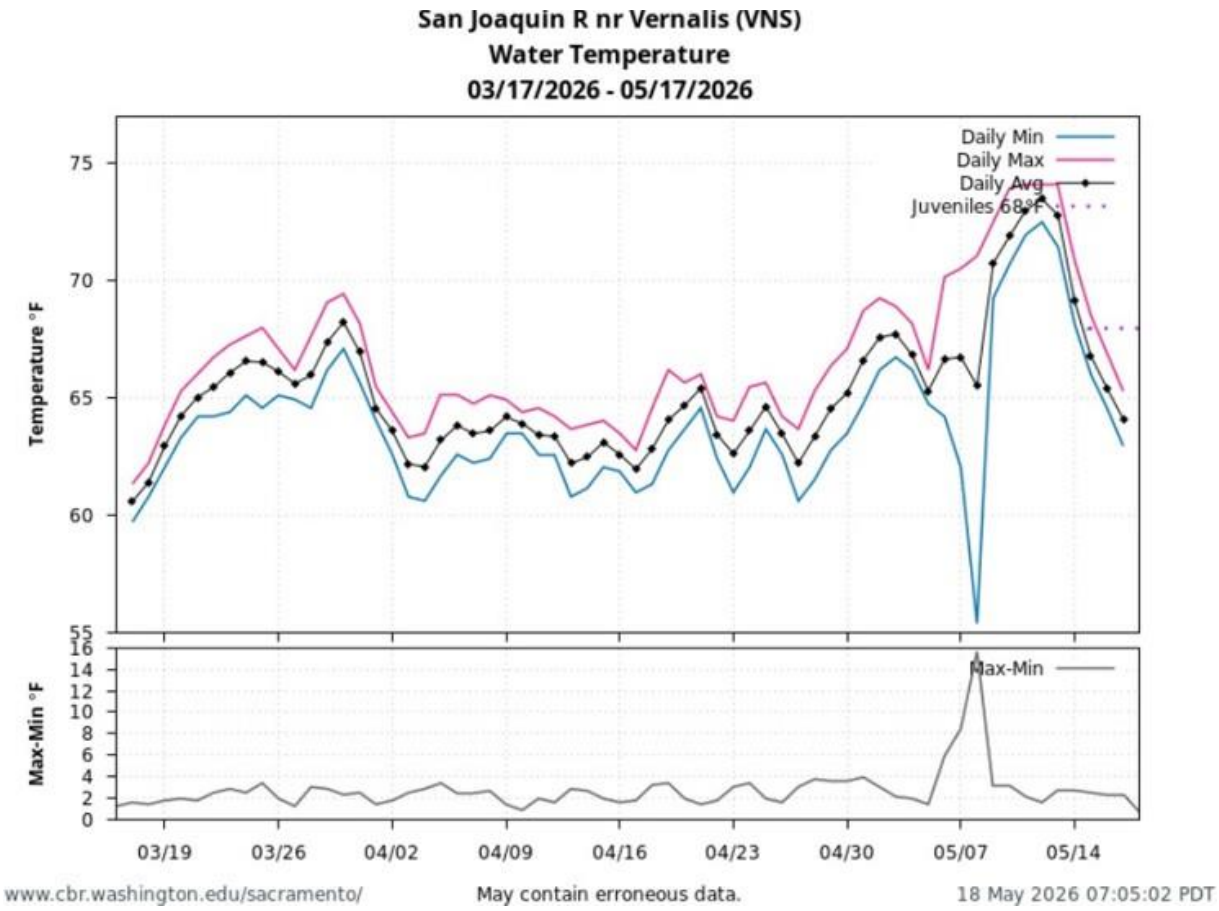

Figure 8. San Joaquin River (15-minute) water temperatures at Vernalis since February 11, 2026. Data from VNS station on CDEC.

Figure 8 is a 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).

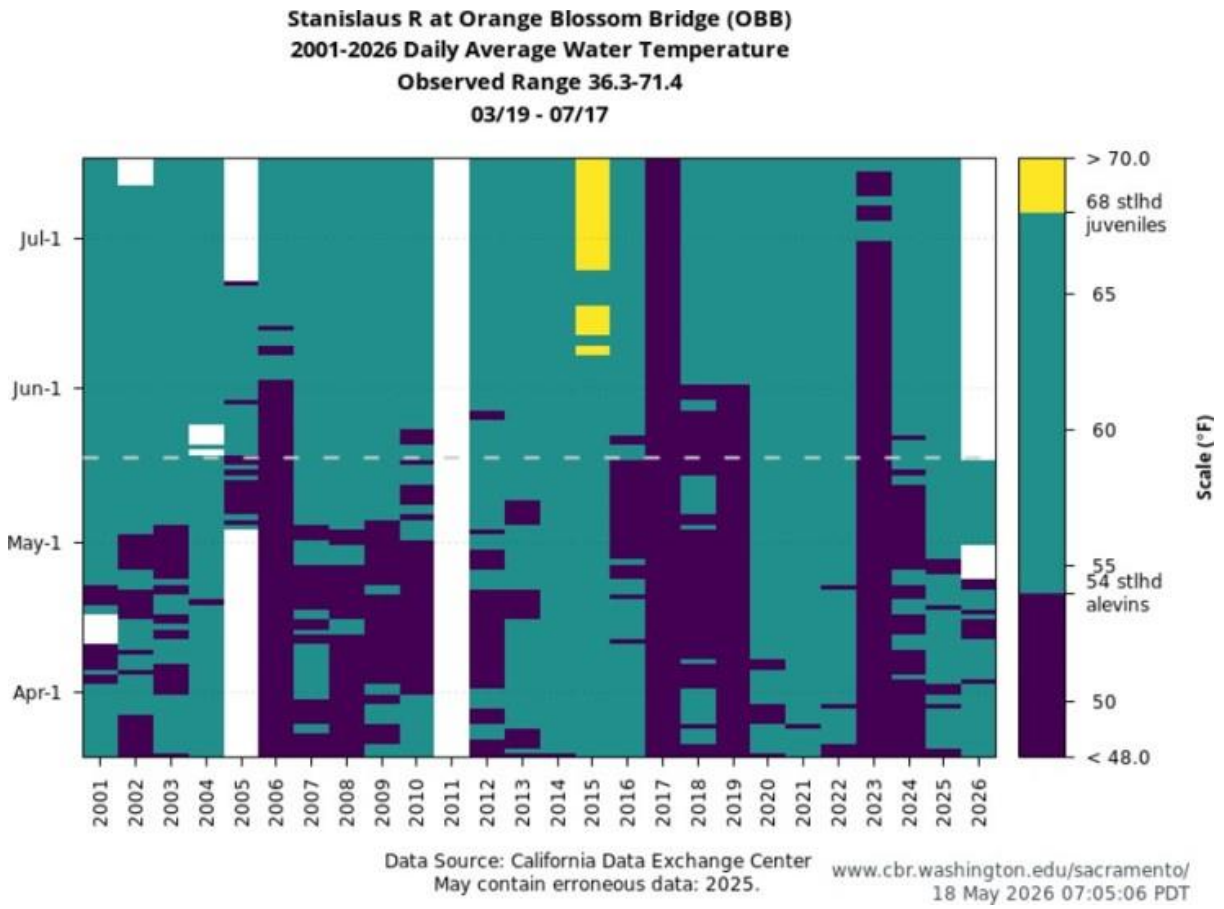

Figure 9. Stanislaus River water temperatures at Orange Blossom Bridge for WY 2001 to present. Data from SacPAS website; temperature threshold reference lines added by SWT. Please be aware that due to malfunctions with the temperature gauge at Orange Blossom Bridge, the date should be noted as unreliable.

Figure 9 is a bar chart showing water temperatures at Orange Blossom Bridge for WY 2001 to present for March to July. The chart shows that during this time, the daily average water temperature was mostly between 54 and 68 degrees Fahrenheit from late March to early July, with periods below 54 degrees Fahrenheit in 2006-2009, 2017-2019, and 2022-2025.

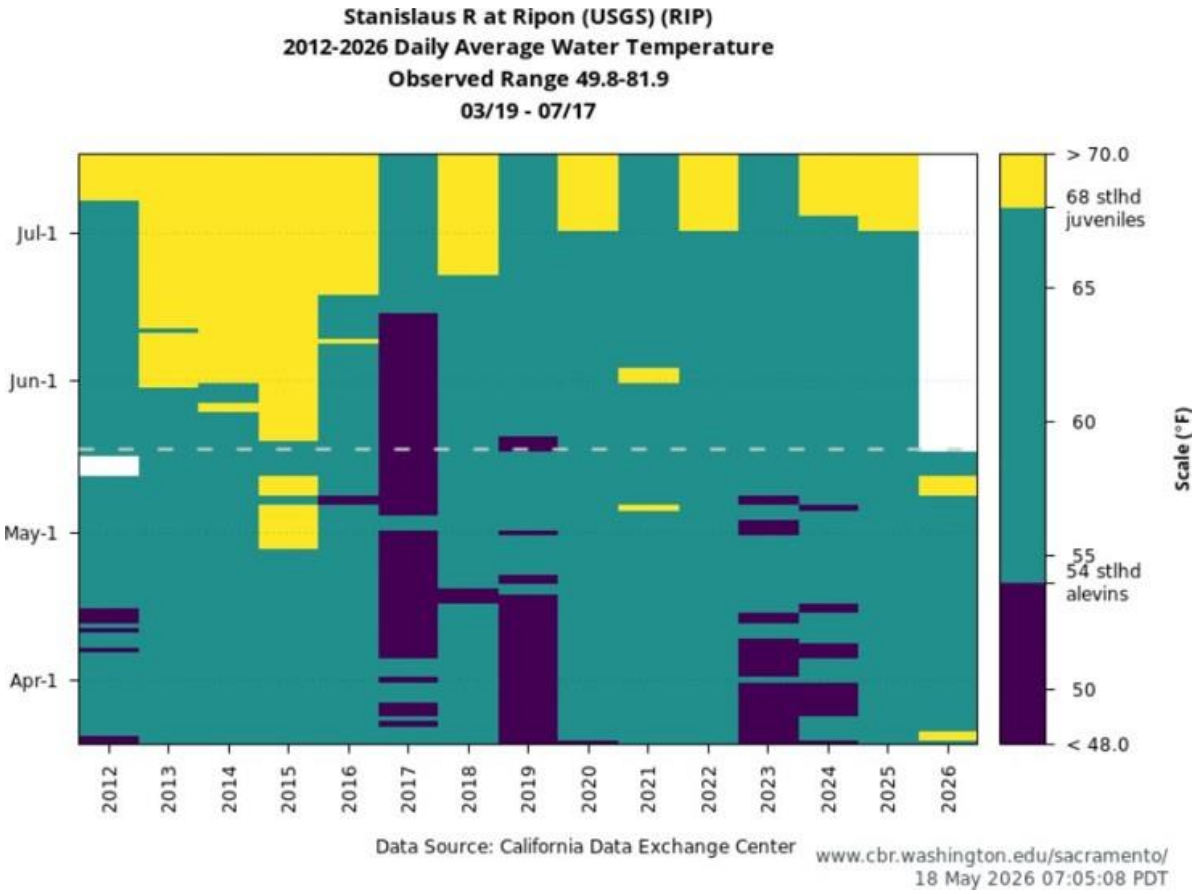

Figure 10. Stanislaus River water temperatures at Ripon for WY 2012 to present. Figure from SacPAS website using RIP station data from CDEC; temperature threshold reference line added by SWT.

Figure 10 is a bar chart showing water temperatures at Ripon for WY 2012 to present for March to July. The chart shows that during this time, the daily average water temperature was mostly between 54 and 68-degrees Fahrenheit from late March through June. With temperatures above 68 degrees Fahrenheit in late June and early July.

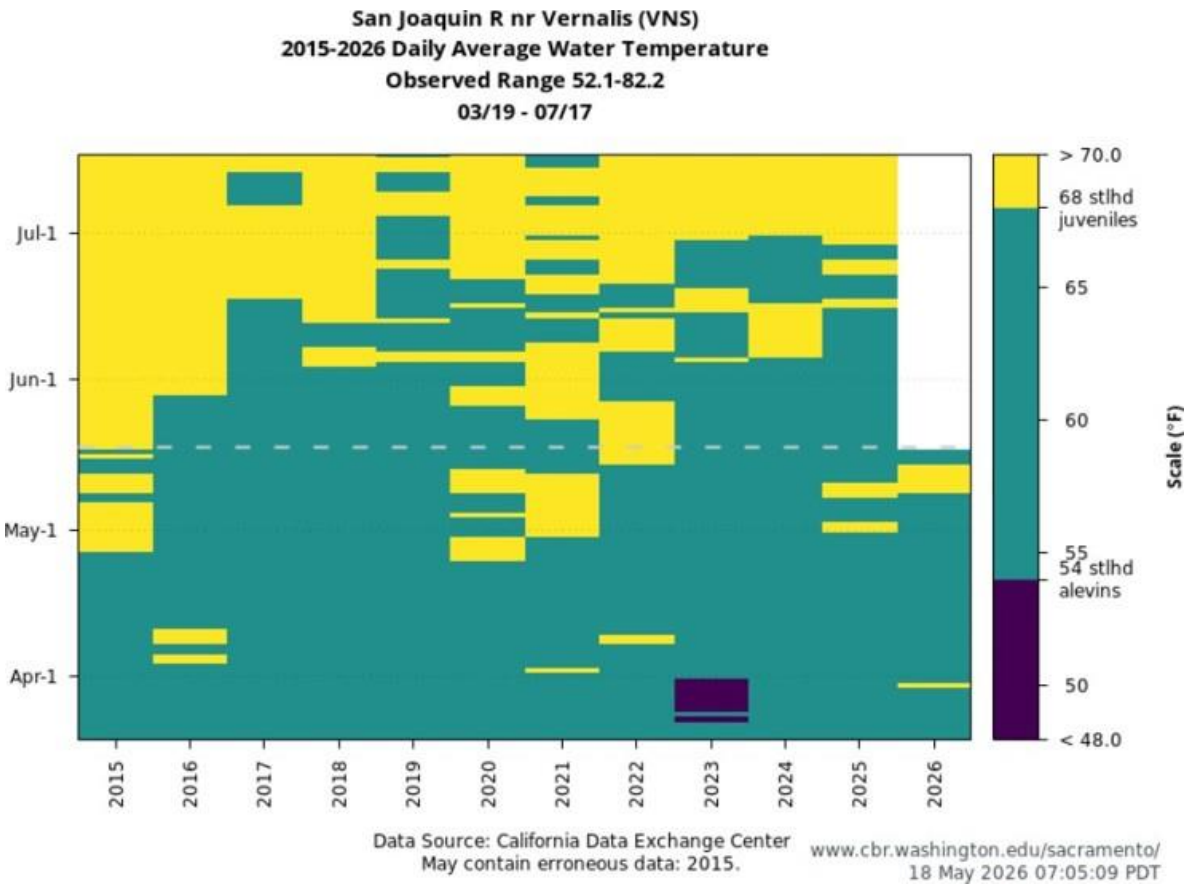

Figure 11. San Joaquin River water temperatures at Vernalis for WY 2015 to present. Figure from SacPAS website using VNS station data from CDEC; temperature threshold reference line added by SWT.

Figure 11 is a bar chart showing water temperatures at Vernalis for WY 2015 to present for March to July. The chart shows that during this time, the daily average water temperature was between 54 and 68 degrees Fahrenheit, with scattered temperatures above 68 degrees Fahrenheit beginning in May through July.

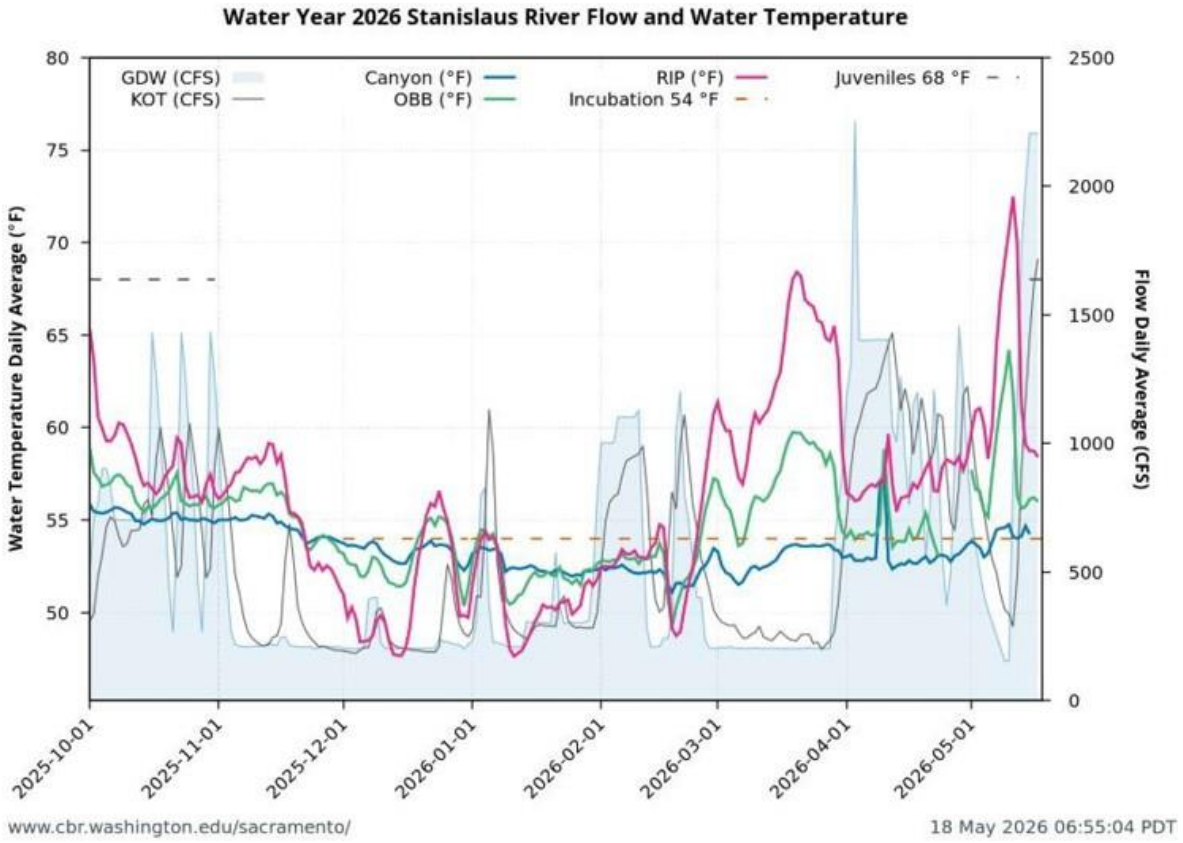

Figure 12. Stanislaus River flow and water temperatures from October 1, 2025 to May 1, 2026. Data (including temperature threshold reference lines) from SacPAS. Please be aware that due to malfunctions with the temperature gauge at Orange Blossom Bridge, the data should be noted as unreliable.

Figure 12 is a line chart showing river flow and water temperatures on the Stanislaus River. The graph shows decreasing temperatures and flow from October 1, 2025 to mid-December 2025, with increases beginning in January 2026 through early May 2026.

CDFW and USBR

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

CDFW Update

Update on Fish Monitoring (Adults)
Chinook carcass and redd surveys

Survey is expected to resume in October.

Update on Fish Monitoring (Juveniles)

Mossdale Trawl
Trawl operations have shifted from joint CDFW/USFWS to CDFW operation and increased to 5 days a week on 3/30/2026.

The first Chinook for the season was captured on 1/5/2026.

Table 13. 2026 Salmonid Catch at Mossdale.

Date	Catch	Comments
1/5/2026	1 CHN	FL 34
1/8/2026	6 CHN	Ave FL 34.5
2/17/2026	1 CHN	FL 47
2/18/2026	1 CHN	FL 34
2/20/2026	7 CHN	Ave FL 36.7
2/23/2026	1 CHN	FL 34
2/25/2026	2 CHN	Ave FL 39
2/27/2026	1 CHN	FL 45
3/2/2026	2 CHN	Ave FL 50.5
3/4/2026	1 CHN	FL 100
3/9/2026	1 CHN	FL 43
3/13/2026	2 CHNT	adipose clipped
3/18/2026	2 CHN, 8 CHNT	CHN ave FL 71.5, CHNT all adipose clipped
3/20/2026	6 CHNT	adipose clipped
3/23/2026	1 CHN	FL 47
3/27/2026	2 CHN, 21	CHN ave FL 97, CHNT all adipose clipped
3/30/2026	CHNT	all fish adipose clipped

Date	Catch	Comments
4/2/2026	1 CHN, 1CHNT	CHN FL 74, CHNT adipose clipped
4/6/2026	2 CHN	ave FL 82.5
4/7/2026	2 CHN, 1 CHNT	CHN ave FL 89, CHNT adipose clipped
4/10/2026	1 CHN	FL 71
4/13/2026	3 CHN	Ave FL 93.7
4/14/2026	3 CHN	Ave FL 87.7
4/18/2026	2 CHN	Ave FL 85.8
4/20/2026	9 CHN	Ave FL 90.8
4/23/2026	12 CHN	Ave FL 92.3
4/24/2026	46 CHN	Ave Fl 92.1
4/25/2026	9 CHN	Ave FL 90.3
4/27/2026	10 CHN	Ave FL 95.4
4/28/2026	4 CHN	Ave FL 102.5
4/30/2026	58 CHN	Ave FL 96.1
5/1/2026	19 CHN	Ave FL 91.8
5/2/2026	3 CHN	Ave FL 94.7
5/4/2026	14 CHN, 1	
5/5/2026	CHNT	CHN Ave FL 96.46, CHNT adipose clipped
5/7/2026	1 CHN	FL 108
5/8/2026	2 CHN	Ave FL 95.5

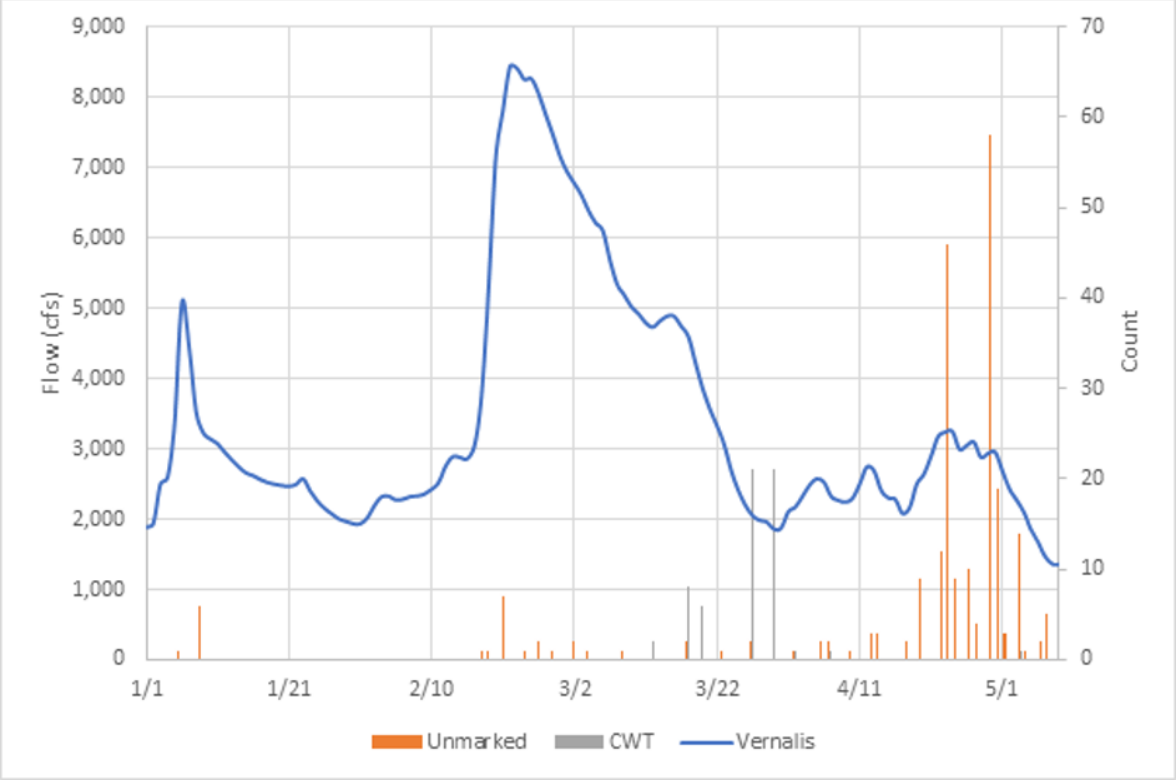

Figure 13. Flow at Vernalis and catch of unmarked and hatchery Chinook salmon captured at the Mossdale trawl up to 5/9/2026.

Figure 13 is a graph showing flow at Vernalis and catch of unmarked and hatchery Chinook salmon captured at the Mossdale trawl. Flow begins at around 2,000 cfs and increases to 5,000 cfs in early January, followed by a decrease back to 2000 cfs and peaking to over 8000 cfs in mid-February, with a decrease to around 2000 and 3000 cfs throughout March. The majority of catch occurred in late April and early May.

FISHBIO Updates

Salmonids Updates

- Sampling at the Stanislaus River weir concluded May 11 and components were removed from the river.
- A total of 7,999 fall-run Chinook (18% ad-clipped) passed the weir through December 31, 2025.
- One Chinook salmon (ad-clip) was detected on May 4, 2026.
- A total of 15 O. mykiss (73% ad-clipped) passed the weir between September and May. Eleven out of the 15 fish were greater than 16 inches classifying them as steelhead.

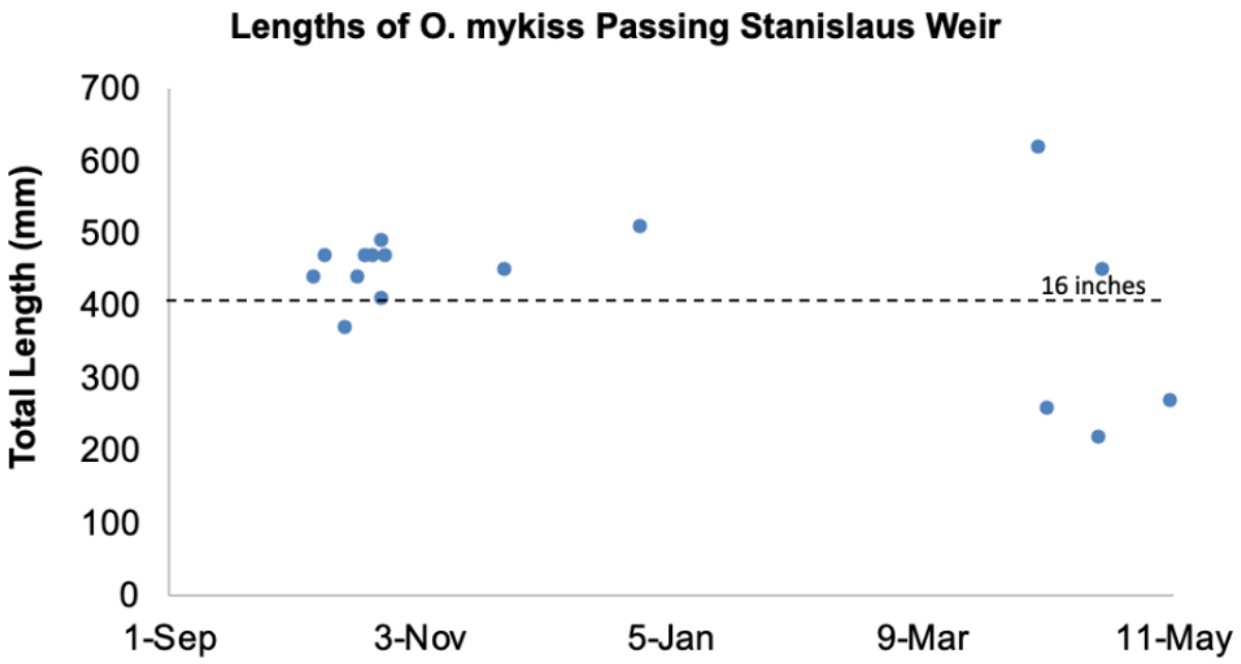

Figure 14. Individual Lengths of O. mykiss passage at the Stanislaus River weir during 2025-2026.

Figure 14 is a graph of individual lengths of O. mykiss detected at the Stanislaus River weir, which shows a high increase in passage in October 2025, one in November and December 2025, and five in April through May 2026.