



Stanislaus Watershed Team (SWT)

Wednesday, April 15, 2026

Members Attending

- Attorney Offices: N/A
- CDFW: Gretchen Murphey, Steve Tsao, Crystal Rigby
- Cramer Fish Sciences: Jesse Anderson
- DWR: John Ford
- FISHBIO: Jason Guignard
- NMFS: Paula Higginson, Carrie Skorcz
- PSMFC: Logan Day
- SSJID: N/A
- Stockton East Water District (SEWD): N/A
- SWRCB: Yongxuan Gao, Chris Carr
- Reclamation: Peggy Manza, Mechele Pacheco, Brian Willard, Zarela Guerrero, Myrna Giraldo Perez
- USFWS: Erika Holcombe
- WAPA: N/A
- Kearns & West (K&W): Mia Schiappi, Brita Romans
- Other: Lilliana Selke

Action Items

- **Zarela** to identify the proper phone number to update listed on numerous figures, including Figure 3. **K&W** to update in packet anywhere it occurs.
- **Mechele** to send out April forecast once it is complete.

- **Gretchen** to prepare critical water year fall pulse flow scenarios for discussion in August.

Announcements

- Mia Schiappi, K&W, welcomed new participants to the SWT, noting opportunity for further collaboration, and encouraging interested parties to join especially during months where collaborative flow, pulse, or shaping planning is occurring.
- Mia acknowledged the tragedy at the Canyon Tunnel Project site in Knights Ferry.
- Zarela Guerrero, Reclamation, welcomed Myrna Giraldo Perez back to SWT and announced that she will be the primary point of contact moving forward.

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 4/12/2026, releases from Goodwin Dam were at 1,059 cubic feet per second (cfs). Releases were elevated due to Vernalis flow requirement.
- For the first part of April, CVO was targeting 2,280 cfs. On April 8, CVO received a new B-120 update in that the 75% San Joaquin Valley Index reduced to critical. The requirement reduced to 1,140 cfs and releases started ramping down, with an attempt to try to match flows to pulse flow.
- New Melones storage measured 1.862 million acre-feet (MAF), which is 120% of the 15-year average. Storage is reported to be decreasing every day due to increased demands and relatively dry weather.
- As of 4/12/2026, New Melones accumulated inflow measured 472 thousand acre-feet (TAF), which is 94% of 15-year average.
- Accumulated precipitation as of 4/12/2026 measured at 24.88 inches which is 103% of average.
- The small storms that occurred last month were smaller than previous storms. Expecting a storm early next week, looking like it will be smaller than previous storm. Since it has been dry and since demands have increased, New Melones storage is starting to decrease.
- New Melones releases were high at the end of March to meet Vernalis flow requirement and demands. Total releases for March measured at 59,576 acre-feet (AF). 0.06 in of precipitation was measured in March.

- Total releases for April 2026 were measured at 54,185 AF, with 1.7 inches of precipitation as of 4/12/2026.

Goodwin

- Total releases for March 2026 were measured at 57,861 AF.
- 200 cfs released for month of March, then ramped up at end of March due to Vernalis flow requirement.
- Releases have been high for the month of April to meet Vernalis flow requirement. Starting to ramp down at this point. Currently releasing 1,000 cfs. Since the pulse flow schedule had 1,000 cfs on the 13th, the releases will match the pulse flow schedule then. From that point we will follow the pulse flow schedule which has the first peak of 1300 cfs on 4/14/26, additional peaks will be on the 17th 22nd and 28th as laid out in operations plan.
- Original schedule was to start on the 11th with flow reaching Vernalis on the 13th, which means the spring table 3 Vernalis pulse flow will occur approximately April 13 to May 13.
- Total release for April was measured at 56,581 AF as of 4/12/2026. At the end of the pulse flow schedule, they will watch to make sure all requirements are met, might not get down as far as schedule shows and will have to wait and see next month.

Forecast

- Reclamation CVO is currently drafting the forecast.
- Once the forecast is drafted, Mechele will send it out to the group.

Discussion

- FISHBIO asked what the May requirement for Vernalis is?
 - Reclamation CVO responded that right now the requirement is that 1140 cfs but will get another B120 update before they end pulse flows and so there is potential for it to change.
 - Reclamation CVO added that even if the water year type is determined to be critical, they are anticipating less Chipps days. For 90%, they are anticipating 0 Chipps days, and for 50% forecast they are anticipating 1 Chipps day. That does change Vernalis requirement. A 90% forecast is showing a requirement of 710 cfs, and 50% forecast shows 734 cfs.

Water Temperature Updates

- Paula Higginson, NMFS, shared that March saw a large increase in water temperatures. With small storms arriving in April, temperatures decreased and are currently ideal. Temperatures will need to continue to be monitored as we get close

to summer. The pulse flow will be helpful in sending more cooler water down to Ripon.

Flow Planning

- CDFW thanked everyone for smooth Spring Pulse flow shaping, noting that the feedback received was before the end date which was helpful.
 - Reclamation CVO reflected on the process noting that it went well and was a little different this year. The recommended schedule was sent to the FAWOG (Fish and Water Operations Group) for discussion. Timing was more sped up than anticipated but was able to get it done and will have to include FAWOG meeting in timeline.
 - CDFW asked when the group wants CDFW to start on fall pulse?
 - CDFW noted the regular timing is by September meeting, and they should have the water year type by August to do some shaping.
 - Reclamation CVO recommended starting discussions in August so that by September they could have a more solidified plan to send to FAWOG and get input on. That timeline would give them time in case something comes up at FAWOG.

Discussion

- CDFW wanted to know if the Orange Blossom Bridge temperature gauge is working or not, guessing that it is reading more reasonably than it has been in the past.
 - K&W asked if we should keep the note about malfunctions.
 - NMFS confirmed that the note should be kept in the packet.
- CDFW asked about the phone number listed under figure 3, asking if it is accurate.
 - Reclamation CCAO will identify the proper number listed under figure 3 and other figures. K&W will update or remove as needed.

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.

- Quite a few coded wire tag fish have been captured. CDFW is assuming they are from the San Joaquin Restoration Program since they are the only hatchery fish released upstream.

FISHBIO Updates

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

- No chinook have passed the Stanislaus River weir since 12/20/2025.
- On 4/7/2026 and 4/9/2026, two *O. mykiss* passed upstream of the weir. One was a fairly large adult estimated at 620 millimeters (mm). Total passage of *O. mykiss* is at 12 for the season with 10 of those being adult steelhead size.
- A total of 159 striped bass have passed the weir for the season, with 150 of those occurring since 3/20/2026.
- Approximately 50% of the striped bass that have passed are under the 18 inch threshold for legal keep.
- Based on flows and expected flows, FISHBIO will continue sampling at the weir through mid-May and plan to have the monitor removed at some point after that.

Discussion

- Reclamation CCAO asked if it is normal to not see chinook salmon since December 20 up to this point.
 - FISHBIO responded that is normal for fall run, so end of December and early January are typically the end of the fall run migration. FISHBIO has seen adults moving into Tuolumne River last year and this year, but have not seen any on the Stanislaus River.

PSMFC Updates

- Logan Day, PSMFC, provided an update on rotary screw traps at the top of the call, noting that funding came in March 23 with staff hired as of April 1. Screw traps were installed by April 6. Logan reported sampling four salmon so far, reporting a lot of debris at traps. Debris barriers were installed on April 14. For fish sampled so far, fish size is reported as bigger than last year, 80-90 mm for chinook salmon all in the silvery parr stage. Logan reported an outlook for the sampling plan, noting that PSMFC will try to sample 7 days per week during spring pulse flows. PSMFC is currently half-staffed, hope to make it to spring pulse flows before switching to Monday through Friday sampling five days per week.
- Gretchen Murphey, CDFW, asked if funding carries through multiple years. Logan Day responded that funding is for 2026, hoping for more concrete funding for future years.

Restoration Project Updates

Erika Holcombe (USFWS) shared that 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 to publish those studies in time.

Willow Terrace site is the area near Jacob Myer Recreation Area, using some of the expiring funds from Buffington project to start some baseline studies.

Jesse Anderson, Cramer Fish Sciences, provided an update that Willow Terrace or Jacob Myers Recreation Area is in conjunction with Oakdale Recreation Area, collecting baseline survey data and conducting some outreach with landowners and stakeholders.

The Tortuga and Mohler Track Project are both moving forwards on fairly similar path, currently in permitting process going from 65 to 90% designs. Tortuga is a bit further forward in process than Mohler project, with the hope that construction for project site will occur next summer.

Restore the Stanislaus and Friends of the River are going on their annual outreach float trip 4/18/2026, floating from Orange Blossom Recreation to Wakefield Wilderness Site for a tour.

Discussion

- CDFW asked if Willow Terrace is also known as Oakdale Recreation Caswell Project?
 - USFWS confirmed that yes, Jacob Myers/Oakdale Recreation is a combination idea to move some of the sediment from Willow Terrace to fill in the pool at Oakdale Recreation.
- CDFW asked if someone is talking about Willow Terrace is it both pieces or just the piece of Jacob Myers?
 - Cramer Fish Sciences responded that it is just the piece of Jacob Myers. Cramer Fish Sciences is coming up with a new name with Army Corps and they are calling it Stanislaus River Multi-Benefit Restoration Project.

Other Discussion Items

- Merge with SRF and SWT: Myrna is going to be sending out meeting cancellation invites and rearranging everything. If participants see a meeting cancellation, Myrna advised attendees to disregard as it is just for SRF.
- Gretchen noted that one of the K&W emails kicks back when she sends response notes to the whole group.

Items to Elevate to Fish and Water Operations Group

- None

Next Meeting

Wednesday, May 20, 10:00 am – 12:00 pm.



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
 - a. Welcome new SWT members
2. Action 5 Review and Ground Rules¹
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

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. Restoration Project Updates
 - 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, May 20, 2026

Tables for BDO

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

April 12, 2026

Run Date: April 13, 2026

Table 1. Reservoir Releases in Cubic Feet Per Second

Reservoir	Dam	WY 2025	WY 2026	15-Year Median
Trinity	Lewiston	2,108	817	309
Sacramento	Keswick	4,650	8,644	4,612
Feather	Oroville (SWP)	12,500	5,000	1,900
American	Nimbus	6,107	7,276	3,279
Stanislaus	Goodwin	853	1,059	1,089
San Joaquin	Friant	927	846	445

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	1,733	2,181	2,241	129
Shasta	4,552	3,633	4,319	4,102	113
Folsom	977	688	905	891	130
New Melones	2,420	1,551	2,001	1,862	120
Fed. San Luis	966	707	849	785	111
Total North CVP	11,363	8,313	10,255	9,881	119
Millerton	521	305	373	435	142
Oroville (SWP)	3,425	2,619	3,105	3,220	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	890	91	1,326	672	132
Shasta	3,594	1,474	7,533	3,335	108
Folsom	1,584	207	3,793	1,535	103
New Melones	472	N/A	1,204	500	94
Millerton	760	114	1,741	569	134

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	27.72	9.27	50.70	26.98 (66)	103	0.92
Sacramento at Shasta Dam	62.33	11.04	103.04	53.13 (71)	117	1.78
American at Blue Canyon	53.60	15.64	94.79	56.96 (52)	94	1.47
Stanislaus at New Melones	24.88	N/A	41.62	24.15 (49)	103	0.80
San Joaquin at Huntington LK	28.36	11.50	74.00	35.20 (53)	81	1.33

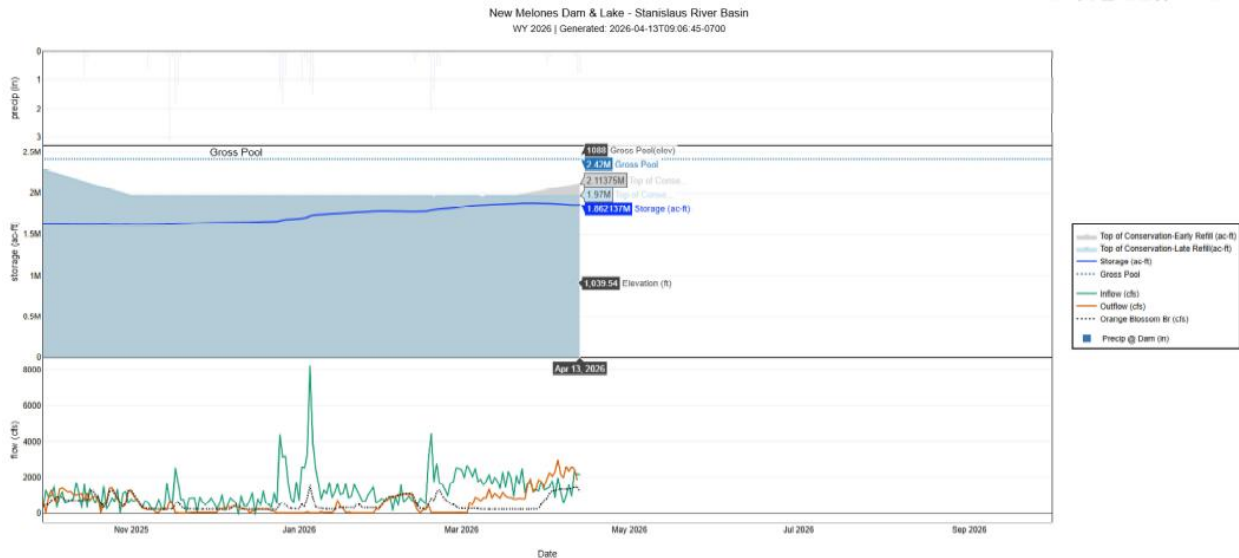


Figure 1. New Melones Dam & Lake – Stanislaus River Basin, 2026-04-13T09:06:45-0700

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 1.8M ac-ft in from early January 2027 to April 13,2026; 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.

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

Table 5. New Melones Lake Daily Operations, March 2026, Run Date: 04/10/2026

Day	Elev	Storage 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	1,836.4	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
1	1,037.46	1,840.2	3.8	1,980	33	0	0	37	0.11	0.00
2	1,037.95	1,845.3	5.2	2,661	34	0	0	27	0.08	0.00
3	1,038.28	1,848.8	3.5	2,370	570	0	0	44	0.13	0.00
4	1,038.57	1,851.9	3.1	2,034	456	0	0	34	0.10	0.00
5	1,038.86	1,854.9	3.1	2,465	883	0	0	38	0.11	0.00
6	1,039.03	1,856.7	1.8	1,767	810	0	0	51	0.15	0.00
7	1,039.25	1,859.1	2.3	1,892	683	0	0	34	0.10	0.00
8	1,039.37	1,860.3	1.3	1,534	859	0	0	34	0.10	0.00
9	1,039.54	1,862.1	1.8	1,798	859	0	0	31	0.09	0.00
10	1,039.69	1,863.7	1.6	1,734	887	0	0	45	0.13	0.00
11	1,039.83	1,865.2	1.5	2,134	1,341	0	0	45	0.13	0.00
12	1,039.96	1,866.6	1.4	1,589	847	0	0	48	0.14	0.00
13	1,040.12	1,868.3	1.7	1,994	1,092	0	0	45	0.13	0.00
14	1,040.26	1,869.8	1.5	1,789	973	0	0	65	0.19	0.00
15	1,040.35	1,870.7	1.0	1,364	837	0	0	45	0.13	0.00
16	1,040.55	1,872.9	2.1	2,270	1,153	0	0	45	0.13	0.00
17	1,040.63	1,873.7	0.9	1,435	958	0	0	48	0.14	0.00
18	1,040.88	1,876.4	2.7	2,300	881	0	0	79	0.23	0.00
19	1,041.07	1,878.4	2.0	1,963	871	0	0	72	0.21	0.00
20	1,041.08	1,878.5	0.1	937	793	0	0	90	0.26	0.00
21	1,041.31	1,881.0	2.5	2,088	792	0	0	59	0.17	0.00
22	1,041.44	1,882.3	1.4	1,579	835	0	0	45	0.13	0.00
23	1,041.73	1,885.4	3.1	2,444	805	0	0	79	0.23	0.00
24	1,041.78	1,886.0	0.5	1,142	807	0	0	66	0.19	0.00

Day	Elev	Storage 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	1,041.79	1,886.1	0.1	1,683	1,554	0	0	76	0.22	0.00
26	1,041.73	1,885.4	-0.6	1,670	1,910	0	0	83	0.24	0.00
27	1,041.74	1,885.5	0.1	1,284	1,171	0	0	59	0.17	0.00
28	1,041.74	1,885.5	0.0	1,330	1,282	0	0	48	0.14	0.00
29	1,041.61	1,884.2	-1.4	1,221	1,861	0	0	59	0.17	0.00
30	1,041.59	1,883.9	-0.2	1,752	1,760	0	0	100	0.29	0.00
31	1,041.56	1,883.6	-0.3	1,299	1,439	0	0	21	0.06	0.06
Totals	N/A	N/A	47.6	55,502	30,036	0	0	1,652	4.80	0.06
Acre- Feet	N/A	N/A	47,600	110,088	59,576	0	0	3,277	N/A	N/A

Comments:

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

Summary Precipitation

This Month 0.06
October 1, 2025 to Date N/A
October 1, 2025 to Date 23.18

Summary: Release (acre- feet)

Release (acre-feet) N/A
Power 59,576
Spill 0
Outlet 0
Total 59,576

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

Table 6. New Melones Lake Daily Operations, April 2026, Run Date: 04/13/2026

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	1,883.6	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
Totals	N/A	N/A	-21.5	17,087	27,318	0	0	601	1.75	1.70
Acre- Feet	N/A	N/A	-21,500	33,892	54,185	0	0	1,192	N/A	N/A

Comments:

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

Summary Precipitation

This Month 1.70
 October 1, 2025 to Date N/A
 October 1, 2025 to Date 24.88

Summary: Release (acre-feet)

Release (acre-feet) N/A
 Power 54,185
 Spill 0
 Outlet 0
Total 54,185

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

Table 7. Tulloch Reservoir Daily Operations, March 2026, Run Date: 04/10/2026

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	55,986	N/A	N/A	N/A	N/A	N/A	N/A	N/A
1	500.50	55,845	-141	174	33	241	0	0	4
2	499.82	55,111	-734	140	34	507	0	0	3
3	499.74	55,026	-85	601	570	639	0	0	5
4	499.52	54,791	-235	622	456	737	0	0	3
5	499.60	54,876	85	882	883	835	0	0	4
6	499.52	54,791	-85	854	810	892	0	0	5
7	499.34	54,599	-192	763	683	857	0	0	3
8	499.38	54,641	42	877	859	853	0	0	3
9	499.30	54,556	-85	816	859	856	0	0	3
10	499.35	54,609	53	970	887	939	0	0	4
11	499.64	54,919	310	1,168	1,341	1,007	0	0	5
12	499.64	54,919	0	1,012	847	1,007	0	0	5
13	499.75	55,036	117	1,047	1,092	983	0	0	5
14	499.80	55,090	54	983	973	949	0	0	7
15	499.79	55,079	-11	870	837	871	0	0	5
16	500.02	55,325	246	1,059	1,153	930	0	0	5
17	499.89	55,186	-139	891	958	956	0	0	5
18	499.83	55,122	-64	949	881	973	0	0	8
19	499.73	55,015	-107	959	871	1,006	0	0	7
20	499.51	54,780	-235	944	793	1,053	0	0	9
21	499.37	54,631	-149	899	792	968	0	0	6
22	499.31	54,567	-64	880	835	908	0	0	4
23	499.22	54,471	-96	872	805	912	0	0	8
24	499.08	54,321	-150	921	807	990	0	0	7
25	498.57	53,784	-537	873	1,554	1,137	0	0	7
26	499.30	54,556	772	1,626	1,910	1,229	0	0	8
27	499.28	54,535	-21	1,247	1,171	1,252	0	0	6
28	499.30	54,556	21	1,291	1,282	1,275	0	0	5
29	499.58	54,855	299	1,716	1,861	1,559	0	0	6
30	501.21	56,619	1,764	2,676	1,760	1,777	0	0	10
31	500.78	56,149	-470	1,717	1,439	1,952	0	0	2

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. **
Totals	N/A	N/A	163	31,299	30,036	31,050	0	0	167
Acre-Feet	N/A	N/A	163	62,082	59,576	61,588	0	0	331

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	61,588
Spill	0
Outlet	0
Total	61,588

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

Table 8. Tulloch Reservoir Daily Operations, April 2026, Run Date: 04/13/2026

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	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
Totals	NA	NA	514	27,752	27,318	23,746	3,085	600	62
Acre-Feet	NA	NA	514	55,046	54,185	47,100	6,119	1,190	123

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	47,100
Spill	6,119
Outlet	1,190
Total	54,409

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

Table 9. Goodwin Reservoir Daily Operations, March 2026, Run Date: 04/10/2026

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	612	N/A	N/A	N/A	N/A	N/A	N/A
1	359.78	612	0	241	0	203	0	43
2	359.78	612	0	507	0	208	56	62
3	359.78	612	0	639	0	204	232	65
4	359.78	612	0	737	0	210	272	83
5	359.79	613	1	835	0	203	319	104
6	359.77	612	-1	892	0	204	341	164
7	359.77	612	0	857	0	201	365	127
8	359.78	612	0	853	0	202	370	100
9	359.77	612	0	856	0	203	376	100
10	359.77	612	0	939	0	204	389	180
11	359.77	612	0	1,007	0	203	534	150
12	359.77	612	0	1,007	0	202	609	190
13	359.77	612	0	983	0	203	572	190
14	359.77	612	0	949	0	202	556	174
15	359.77	612	0	871	0	202	549	100
16	359.77	612	0	930	0	203	550	161
17	359.77	612	0	956	0	201	583	153
18	359.77	612	0	973	0	203	585	169
19	359.77	612	0	1,006	0	202	585	204
20	359.78	612	0	1,053	0	201	605	230
21	359.78	612	0	968	0	203	577	175
22	359.78	612	0	908	0	203	560	130
23	359.78	612	0	912	0	204	556	140
24	359.78	612	0	990	0	203	577	198
25	359.79	613	1	1,137	0	203	718	211

Day	Elev	Storage (1000 Acre- Feet) in Lake	Storage (1000 Acre-Feet) Change	Tulloch Release	Release C.F.S. - River Outlet	Release C.F.S. - Spill	Canals- Joint Main	Canals - South Main
26	359.79	613	0	1,229	0	203	776	245
27	359.80	613	0	1,252	0	202	789	250
28	359.79	613	0	1,275	0	203	802	257
29	360.12	618	5	1,559	0	611	806	139
30	360.18	619	1	1,777	0	746	791	263
31	360.34	622	3	1,952	0	909	800	260
Totals	N/A	N/A	10	31,050	0	7,954	16,200	5,017
Acre-Feet	N/A	N/A	10	61,588	0	15,777	32,133	9,951

Joint Main Operated by SSJID and OID.

Summary: Release (acre-feet)

Joint Main Canal	32,133
South Main Canal	9,951
Outlet	0
Spill	15,777
Total	57,861

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

Table 10. Goodwin Reservoir Daily Operations, April 2026, Run Date: 04/13/2026

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
Totals	N/A	N/A	-1	27,431	0	17,027	9,076	2,423
Acre- Feet	N/A	N/A	-1	54,409	0	33,773	18,002	4,806

Joint Main Operated by SSJID and OID.

Summary: Release (acre-feet)

Joint Main Canal	18,002
South Main Canal	4,806
Outlet	0
Spill	33,773
Total	56,581

March 2026 Water Temperature and Fish Monitoring Update

Year-to-Date Flows

Goodwin releases since October 1, 2025, are shown in Figure 2.

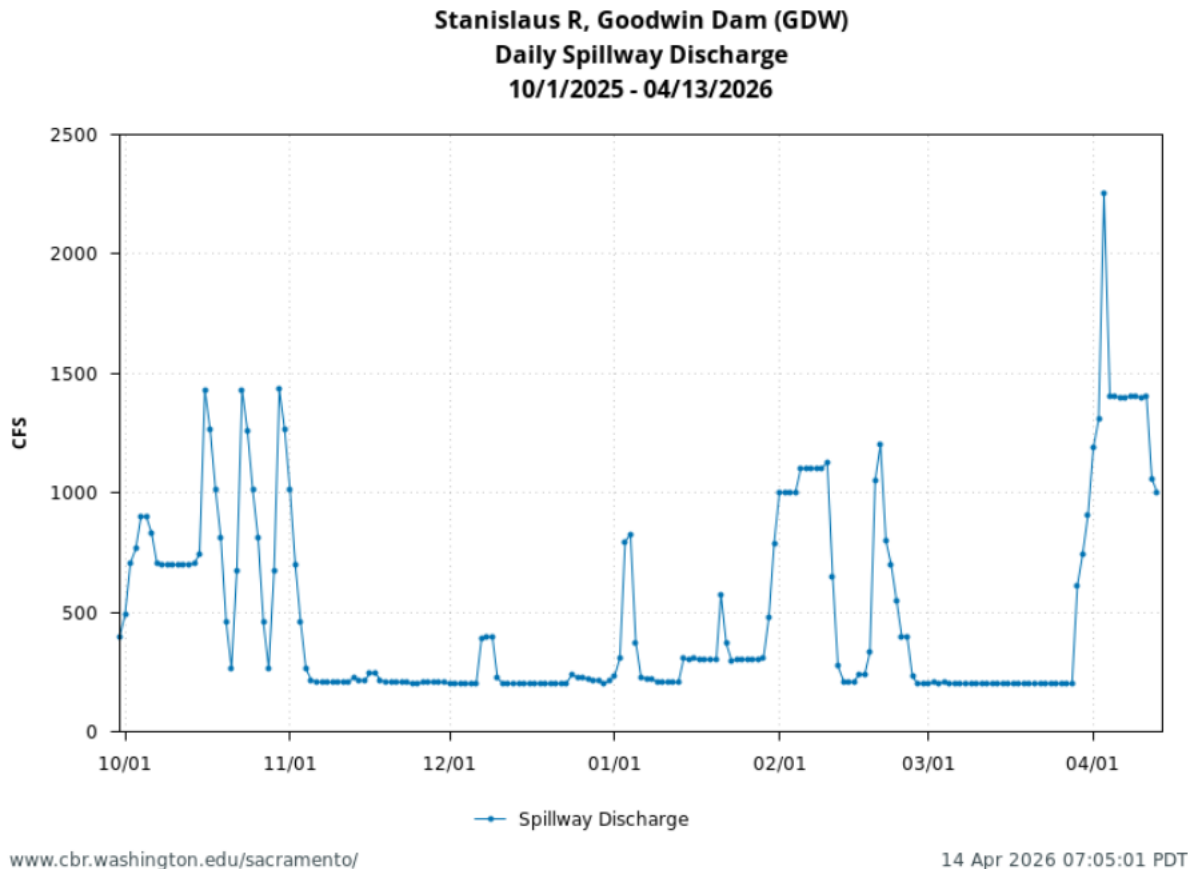


Figure 2. Goodwin (daily) releases to the Stanislaus River since October 1, 2025 (water year). Data from GDW station on CDEC.

Figure 2 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.

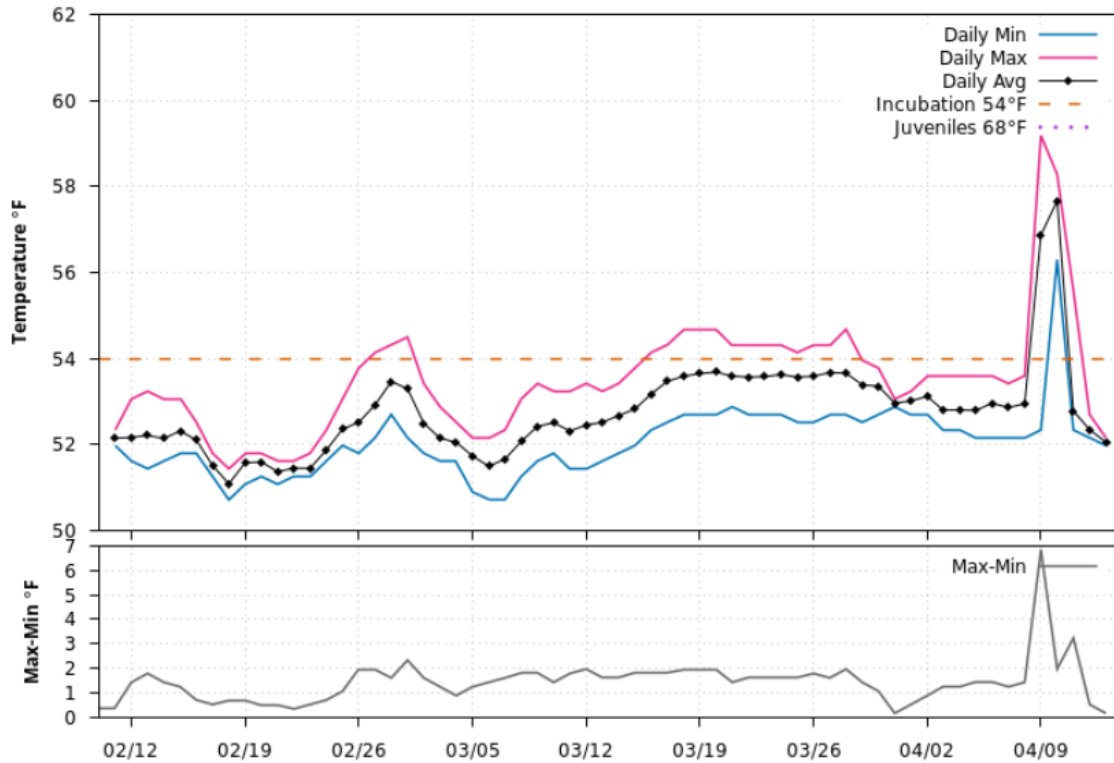
Water Temperature

The temperature thresholds included in Figures 3-10, 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 February 2026 are shown below at Goodwin Canyon (Figure 3), Orange Blossom Bridge (Figure 4), and at Ripon (Figure 5). Water temperatures in the San Joaquin River since October 2025 are shown below at Vernalis (Figure 6). Current-year water temperatures are plotted along with historical temperatures for upstream of Orange Blossom Bridge (Figure 7), Ripon (Figure 8), and Vernalis (Figure 9). A compilation of Stanislaus River water temperatures and Goodwin releases Water Year 2026 is provided in Figure 10.

Stanislaus R blw Goodwin Dam nr Knights Ferry USGS (11302000)
Water Temperature
02/11/2026 - 04/13/2026



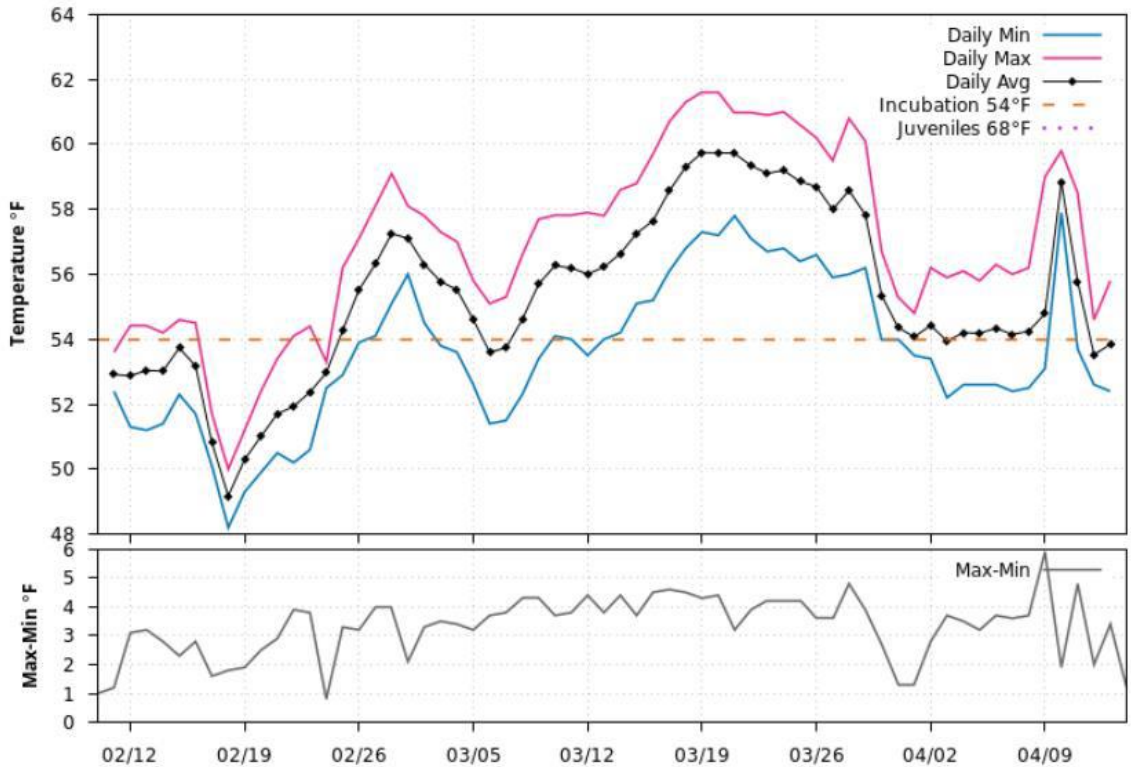
www.cbr.washington.edu/sacramento/

14 Apr 2026 07:05:02 PDT

Figure 3. Daily water temperatures on the Stanislaus River upstream of Knights Ferry since February 11, 2026. Data from USGS gage 11302000 on NWIS; temperature threshold reference line added by SWT.

Figure 3 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).

Stanislaus R at Orange Blossom Bridge (OBB)
Water Temperature
02/11/2026 - 04/13/2026



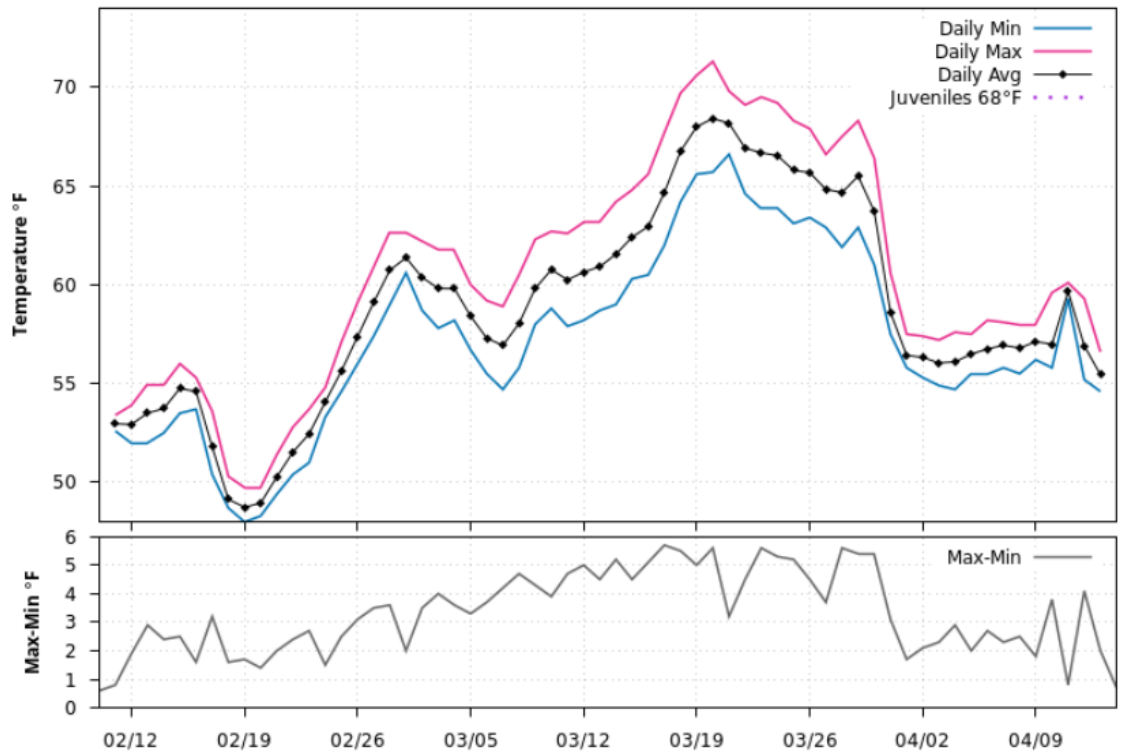
www.cbr.washington.edu/sacramento/

14 Apr 2026 07:05:02 PDT

Figure 4. Stanislaus (hourly) water temperatures at Orange Blossom Bridge since February 11, 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 4 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.

Stanislaus R at Ripon (USGS) (RIP)
Water Temperature
02/11/2026 - 04/13/2026



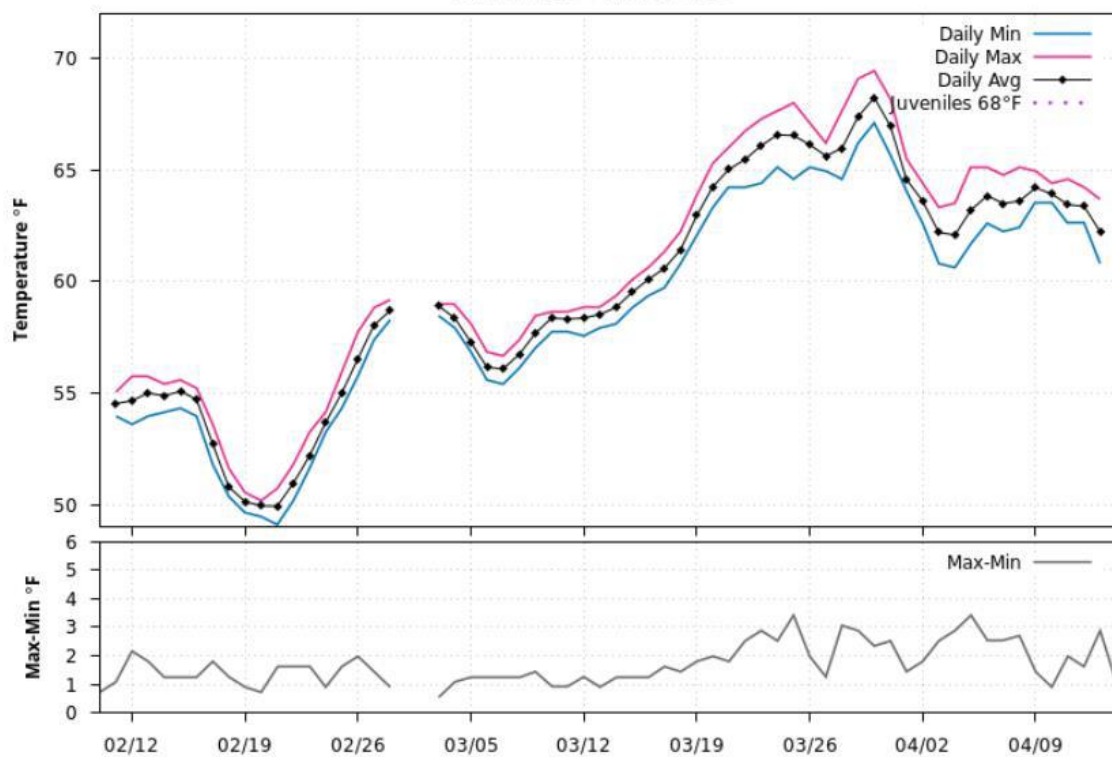
www.cbr.washington.edu/sacramento/

14 Apr 2026 07:05:02 PDT

Figure 5. Stanislaus water temperatures at Ripon since February 11, 2026. Data from RIP station on CDEC.

Figure 5 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).

**San Joaquin R nr Vernalis (VNS)
Water Temperature
02/11/2026 - 04/13/2026**



www.cbr.washington.edu/sacramento/

14 Apr 2026 07:05:02 PDT

Figure 6. San Joaquin River (15-minute) water temperatures at Vernalis since February 11, 2026. Data from VNS station on CDEC.

Figure 6 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).

**Stanislaus R at Orange Blossom Bridge (OBB)
2001-2026 Daily Average Water Temperature
Observed Range 47.6-70.4
02/13 - 06/13**

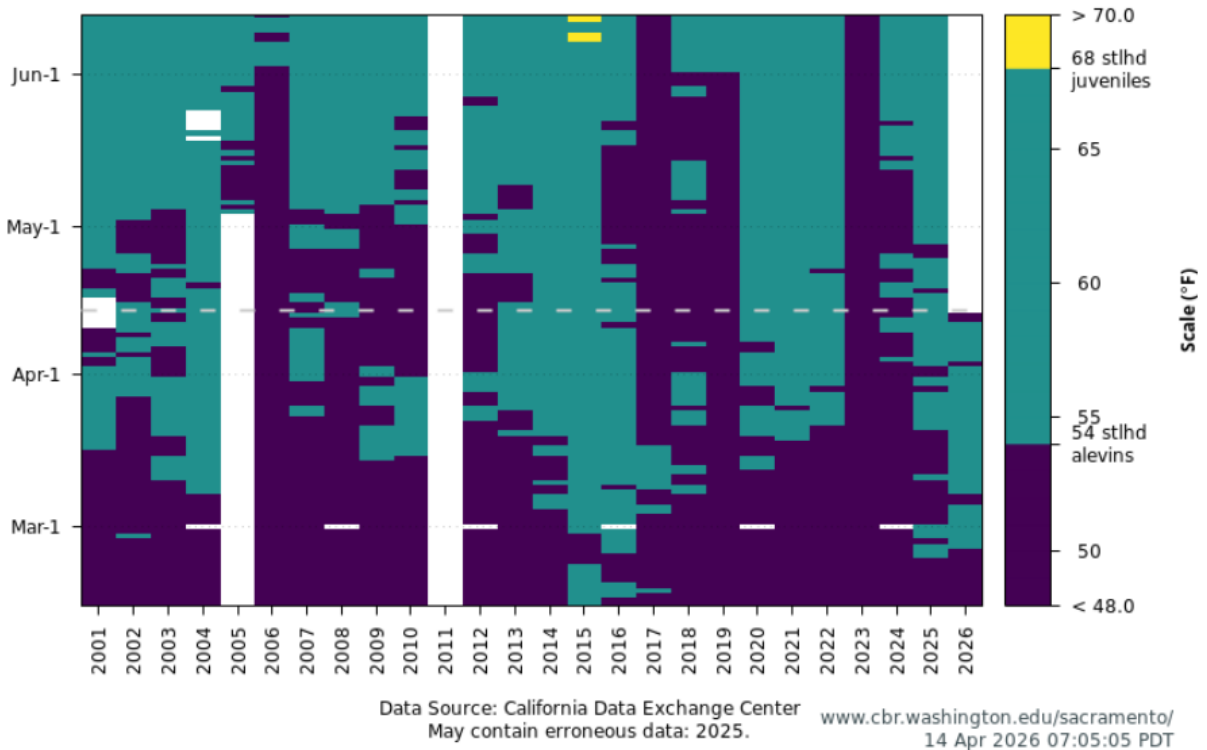


Figure 7. Stanislaus River water temperatures at Orange Blossom Bridge for WY 2001 to present. [Data from SacPAS website](#); temperature threshold reference lines added by SWT. Please be aware that due to malfunctions with the temperature gauge at Orange Blossom Bridge, the date should be noted as unreliable.

Figure 7 is a bar chart showing water temperatures at Orange Blossom Bridge for WY 2001 to present for February to June. The chart shows that during this time, the daily average water temperature was mostly between 54 and 68 degrees Fahrenheit from late March to June.

Stanislaus R at Ripon (USGS) (RIP)
2012-2026 Daily Average Water Temperature
Observed Range 47.3-81.6
02/13 - 06/13

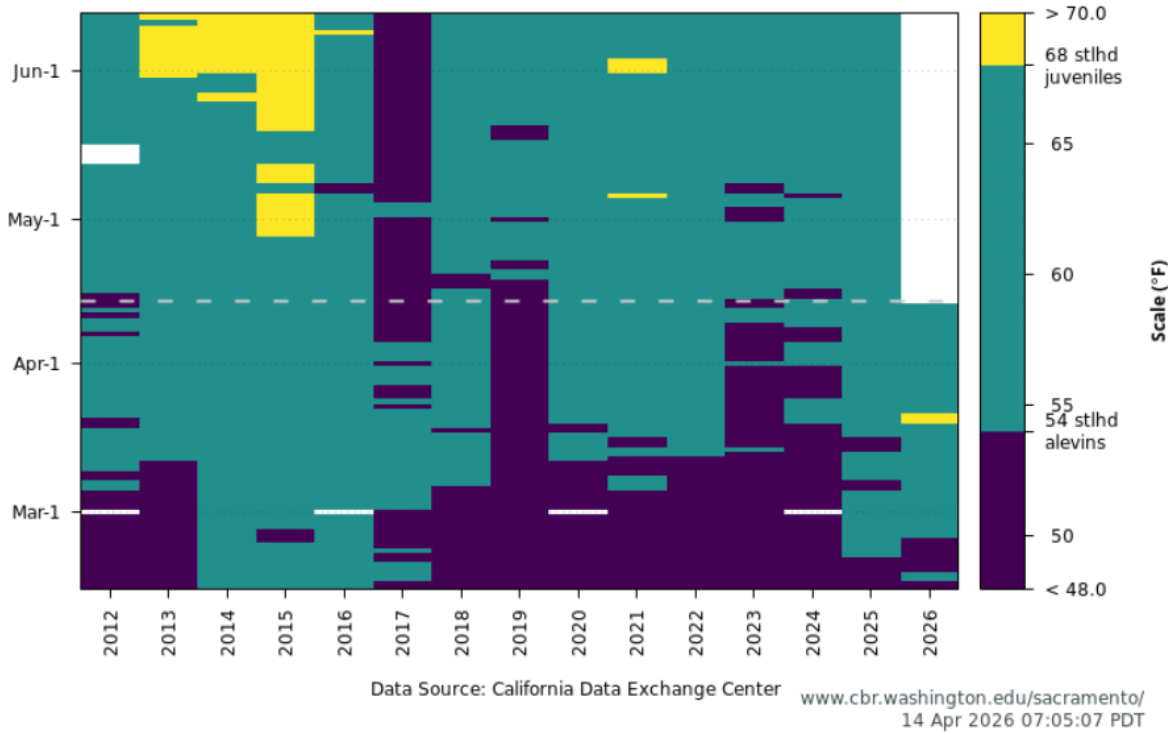


Figure 8. Stanislaus River water temperatures at Ripon for WY 2012 to present. Figure from [SacPAS website](#) using RIP station data from CDEC; temperature threshold reference line added by SWT.

Figure 8 is a bar chart showing water temperatures at Ripon for WY 2012 to present for February to June. The chart shows that during this time, the daily average water temperature was mostly between 54 and 68-degrees Fahrenheit from late February through early June. With temperatures above 68 degrees Fahrenheit in June of 2013 to 2015.

**San Joaquin R nr Vernalis (VNS)
2015-2026 Daily Average Water Temperature
Observed Range 47.7-82.2
02/13 - 06/13**

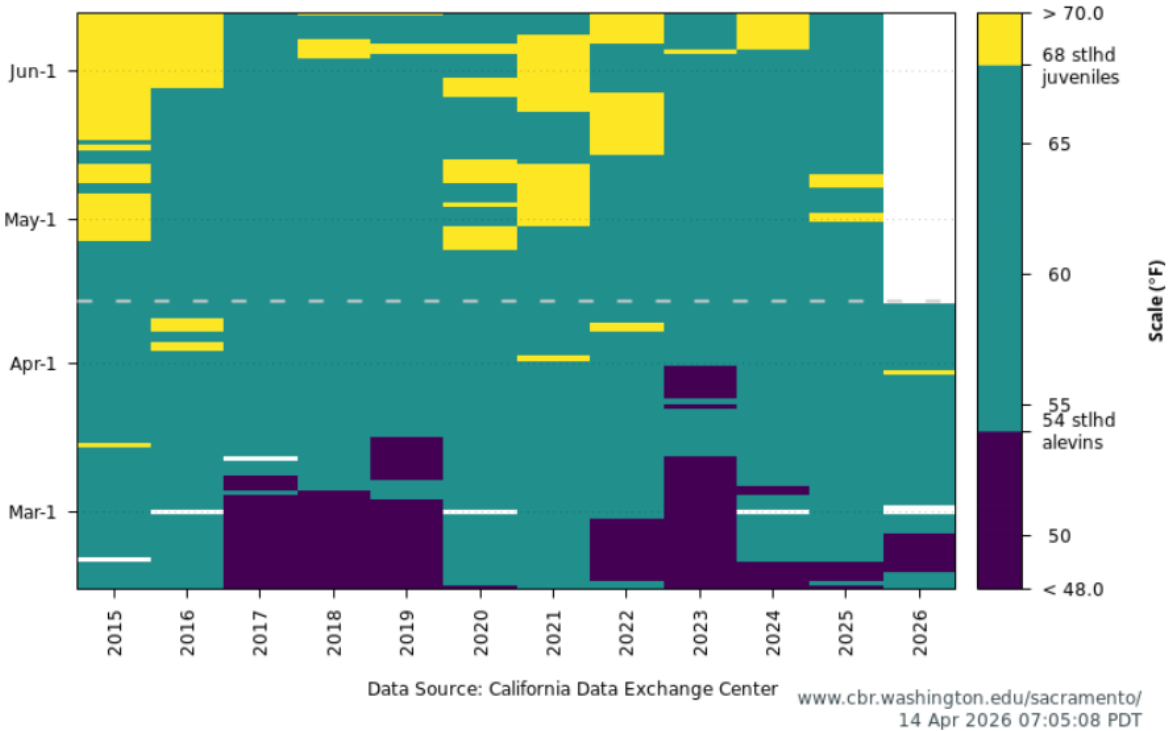


Figure 9. San Joaquin River water temperatures at Vernalis for WY 2015 to present. Figure from [SacPAS website](#) using VNS station data from CDEC; temperature threshold reference line added by SWT.

Figure 9 is a bar chart showing water temperatures at Vernalis for WY 2015 to present for February to June. 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 in May and June of 2015, 2020, and 2021.

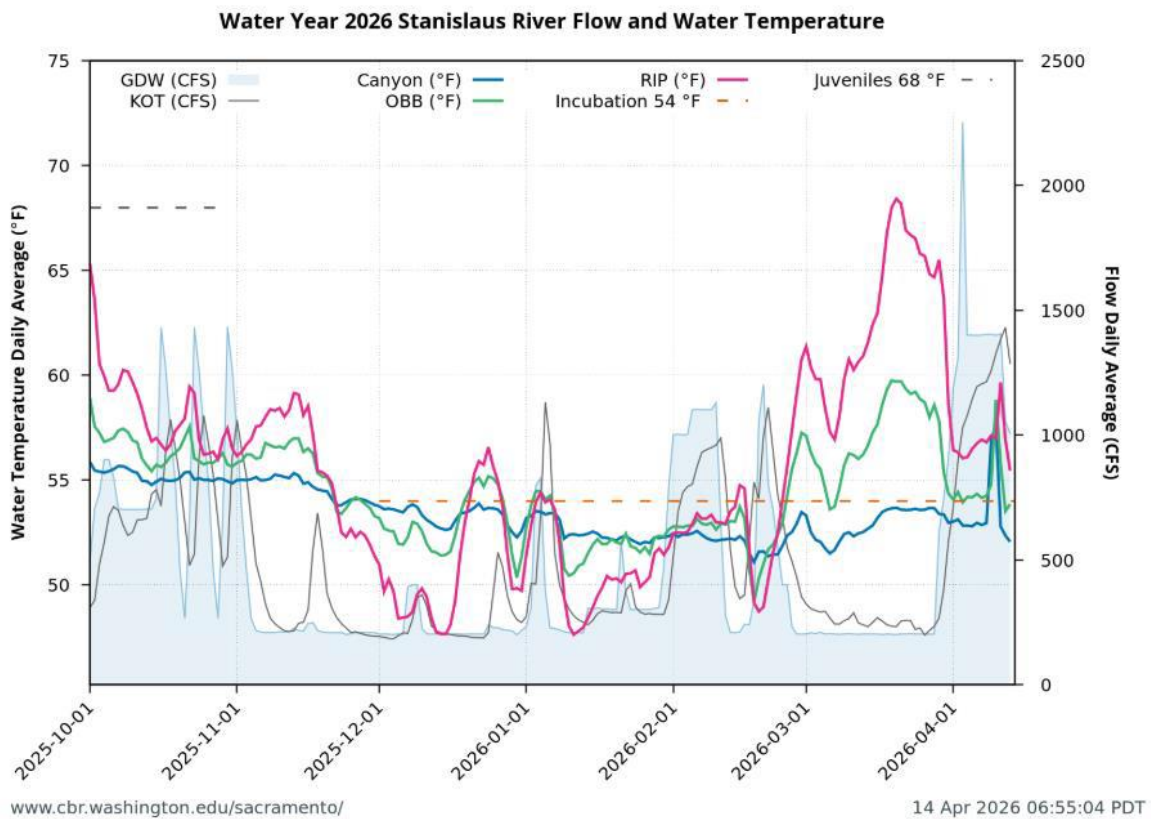


Figure 10. Stanislaus River flow and water temperatures from October 1, 2025 to April 1, 2026. [Data \(including temperature threshold reference lines\)](#) from SacPAS. Please be aware that due to malfunctions with the temperature gauge at Orange Blossom Bridge, the data should be noted as unreliable.

Figure 10 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 late March 2026. Decreases occur in early April 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 11. 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

FISHBIO Updates

Salmonids Updates

- No Chinook have passed the Stanislaus River weir since December 20. Season total 7,999.
- Two *O. mykiss* passed upstream of the weir on April 7 and April 9. The first passage was a male steelhead (photo below) measuring 620 mm TL (24.4 inches) and the second was 260 mm TL (10.2 inches). Both fish were wild and had their adipose fin intact. These passages increased the season total to 12.



Figure 11. Male Steelhead *O. mykiss* detected at the Stanislaus River weir on April 7, 2026.

Figure 11 is a photograph of a male steelhead *O. mykiss* detected at the Stanislaus River weir on April 7, 2026.

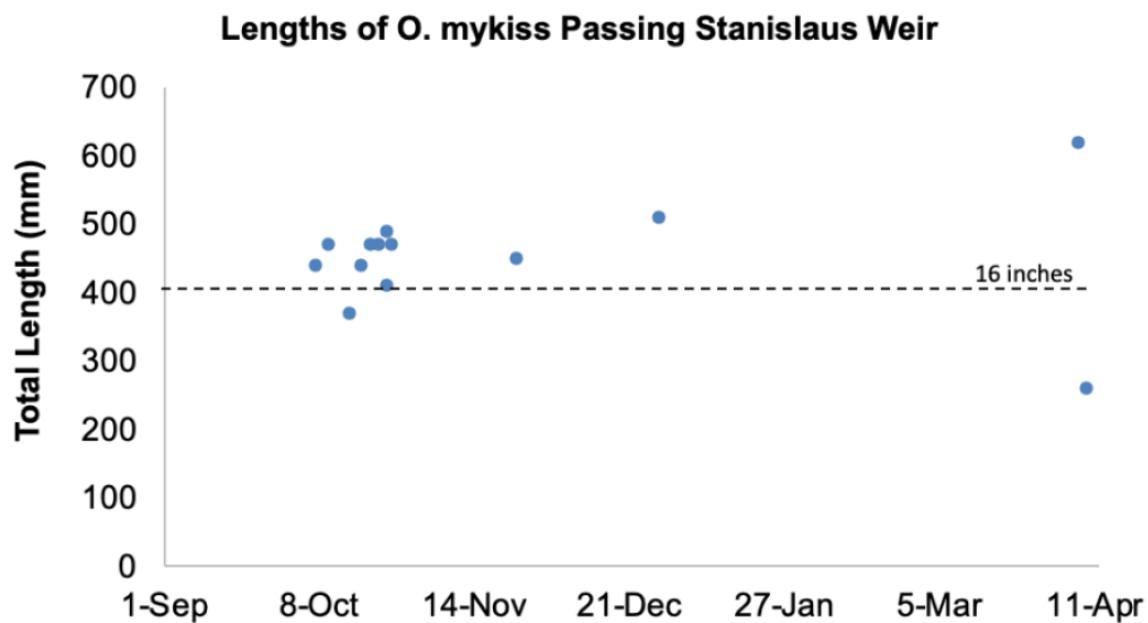


Figure 12. Individual Lengths of *O. mykiss* passage at the Stanislaus River weir during 2025-2026.

Figure 12 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 two in early April 2026.

Striped Bass

- Striped bass passages have increased significantly since late-March.
- A total of 150 striped bass have passed since March 21, 2026, increasing the season total (since September 1, 2025) to 159.
- Approximately 50% of the striped bass that have passed are under keeper size (18 inches).