BUREAU OF RECLAMATION

Stanislaus Watershed Team

September 17, 2025

Members Attending

- USBR: Chase Ehlo, Mechele Pacheco, Peggy Manza, Randi Field, Spencer R. Marshall
- USFWS: Erika Holcombe
- CDFW: Crystal Rigby, Ryan Kok, Gretchen Murphey, Steve Tsao
- NMFS: Paula Higginson
- DWR: N/A.
- SWRCB: Chris Carr, Yongxuan Gao
- PSMFC: Hunter Morris, Logan Day
- SSJID: N/A.
- FISHBIO: Crissy Sonke
- Stockton East Water District (SEWD): N/A
- WAPA: N/A
- Attorney Offices: N/A.
- Cramer Fish Sciences: Jesse Anderson
- Kearns & West: Mia Schiappi, Amanda Ford

Action Items

- Gretchen shares Salmon Fest flyer and art contest. (Done).
- Peggy or Mechele sends Pulse Flow report to the group.
- Jesse sends videos of Spring run salmon at Button Bush pool (optional).

Announcements

- New member, Jesse Anderson from Cramer Fish Sciences will now be joining and providing supplemental fisheries updates.

Operations Update and Forecasts/Hydrology

Mechele Pacheco, Reclamation, 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 Reservoir Update

- The New Melones accumulated inflow remains much lower than the 15-year average.
    - As of 9/17/2025, accumulated inflow was 666 thousand acre feet (TAF) and is at 64% of average.
    - New Melones precipitation is currently 73% of average at 19.58 inches with only 0.04 inches in September through the 14th.

Daily CVP Water Supply

- As of 9/14/2025, New Melones storage measured 1.632 million acre-feet (MAF) with an elevation of 1,016.93 feet.
- Storage is at 120% of the 15-year average.
- New Melones storage decreased by 18,600 acre-feet in the first 14 days of September.
    - Storage continues to decrease due to ongoing releases and minimal inflow.

Tulloch

- See packet for information on Tulloch Dam.

Goodwin

- Goodwin Dam releases in August averaged 237 cfs. September releases have been at the 200 cfs minimum.
    - Releases above the 200 cfs minimum were due to dissolved oxygen (DO) requirements.
- Irrigation diversions in September included 21,340 AF to Joint Main Canal and 8,398 AF to the South Main Canal.
- River spill in September was 5,778 AF.
- Operations continue to balance minimum flow requirements with agricultural diversions.

Water Temperature Updates

- Water temperatures are within expected ranges for late summer conditions.
- Temperature monitoring continues at multiple locations along the Stanislaus River system.
    - Knights Ferry gauge shows daily temperatures ranging 54-56°F.
    - Orange Blossom Bridge shows daily temperatures ranging 60-66°F.

Flow Planning

Winter Instability

- CDFW requested that SWT revisit this topic in November to beginning planning.
- Reclamation will follow up internally to discuss proposed timing.

Fall Flows Proposal Status

- The Fall Flows proposal was sent to the SWT for comments in August, but none were received.
- Reclamation will be finalizing and distributing the Fall Flows Action Plan Report when complete.
- Fall pulse flows will begin on October 6, 2025.

Questions/Comments

- CDFW asked whether the action plan was sent to the group?
    - CDFW confirmed that it was sent to the group and Reclamation asked for agencies' feedback on the plan. They will continue to work on the plan and send it to the SWT and SRF once it has gone through the internal review.

Fish Monitoring

CDFW Adult Chinook Monitoring

Gretchen Murphy and Ryan Kok, CDFW provided updates on current CDFW fish monitoring operations and results.

- Chinook carcass and redd surveys began the week of September 15, 2025.
- Survey operations are now active on the Stanislaus River with CDFW and USFWS teams deployed.
- Current survey results:
    - 3 carcasses recovered with 1 at Goodwin Canyon and 2 at Two Mile Bar.
    - All carcasses were coded wire tagged (CWT).

    - 30 live adult Chinook observed.
    - 9 redds (spawning nests) documented.
- Initial survey results indicate active spawning activity in the system.

Juvenile Fish Monitoring

- The Mossdale trawl operations will shift to from collaborative operations from CDFW and USFWS to solely USFWS in October 2025.
- There have been no salmonid captures since June 2025.

Questions/Comments

- Cramer Fish Science asked CDFW if they are collecting tissue samples during the adult Chinook monitoring?
    - CDFW responded that they are not taking tissue samples on the CWT carcasses

FISHBIO Updates

Chrissy Sonke, FishBio provided updates on fish monitoring operations and results.

- The Stanislaus River weir was installed on September 8, 2025, and monitoring began on September 11, 2025.
- The first Fall-run Chinook salmon was observed on September 12, 2025, and was identified as an adipose fin-clipped female.
- The first Chinook salmon was observed in the Tuolumne River system.

Questions/Comments

- CDFW asked whether they have sent updates?
    - Chrissy responded that they have not sent updates yet, but they should be sent this week.

Restoration Project Updates

Erika Holcombe, USFWS, provided updates on the current status of restoration projects in the Stanislaus River system.

- The Buffington Project on the San Joaquin River is still waiting on permitting approvals.
    - Construction will not begin this fall as planned due to funding delays and will now begin in 2026.
    - USFWS is working on ideas to utilize funds that were tagged for this project before they expire.

- Funding for restoration at Caswell State Park has come through.
    - Fall survey planned for elderberry and gallery trees.
- The Wakefield project is in the monitoring phase.
    - Survey activities:
        - Vegetation natural recruitment surveys
        - Re-survey of gallery trees, especially oaks
    - CalFire conducted fire fuel management during a wildfire and this resulted in the destruction of vegetation in the area.
    - Cramer Fish Science shared that there is a school of Spring-run Chinook salmon that have been observed at the Button Bush pool

Other Discussion Items

SWRCB Updates

- N/A

General Updates

- The Salmon Festival is on November 8, 2025.

Items to elevate to WOMT

- N/A

Next Meeting

Wednesday, October 15, 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, September 17, 2025

Agenda

1. Introductions
2. Ground Rules[1]
3. Announcements
4. Operations Update and Forecasts/Hydrology – Mechele Pacheco, USBR
5. Temperature Updates– Paula Higginson, NMFS
6. Flow Planning– Myrna Girald Pérez, USBR and Gretchen Murphey, CDFW
7. Stanislaus River Forum (SRF) Call Review– Myrna Girald Pérez, USBR

[1] The Stanislaus Watershed Team's Ground Rules are as follows:

- Seek to understand and respect opposing views and suggestions for change (w/in the parameters of the Guidance Document).
- Seek to leverage collective expertise (including from agencies' & stakeholders' consultants).
- Hold questions/discussion at the discretion of the presenter.
- Honor time limits - keep comments and discussion succinct and focused on meeting objectives as needed.
- Make constructive proposals and suggestions to seek mutually agreeable solutions for all parties.
- Keep a record of discussion and dialogue.
- One speaker at a time
- Take space/make space

8. Fish Monitoring and Studies – CDFW, FISHBIO
9. Restoration Project Updates
    a. Erika Holcombe, USFWS
    b. Cat Pien, USBR
10. Other Discussion Items
    a. SWRCB Updates
    b. Items to elevate to WOMT
11. Review Action Items– Mia Schiappi, Kearns & West
12. Next Meeting: Wednesday, October 15, 2025

Tables for BDO

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

September 14, 2025
Run Date: September 15, 2025

Table 1. Reservoir Releases in Cubic Feet Per Second

Reservoir	Dam	WY 2024	WY 2025	15-Year Median
Trinity	Lewiston	474	436	475
Sacramento	Keswick	8,109	7,625	7,625
Feather	Oroville (SWP)	9,000	5,000	5,000
American	Nimbus	1,963	1,680	1,897
Stanislaus	Goodwin	253	203	253
San Joaquin	Friant	411	239	350

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

Reservoir	Capacity	15-Yr Avg	WY 2024	WY 2025	% O 15 Yr Avg
Trinity	2,448	1,397	1,773	1,887	135
Shasta	4,552	2,510	2,882	2,759	110
Folsom	977	480	479	460	96
New Melones	2,420	1,356	1,840	1,632	120
Fed. San Luis	966	332	406	245	74
Total North CVP	11,363	6,076	7,380	6,983	115
Millerton	521	275	258	239	87
Oroville (SWP)	3,425	1,801	2,111	2,205	122

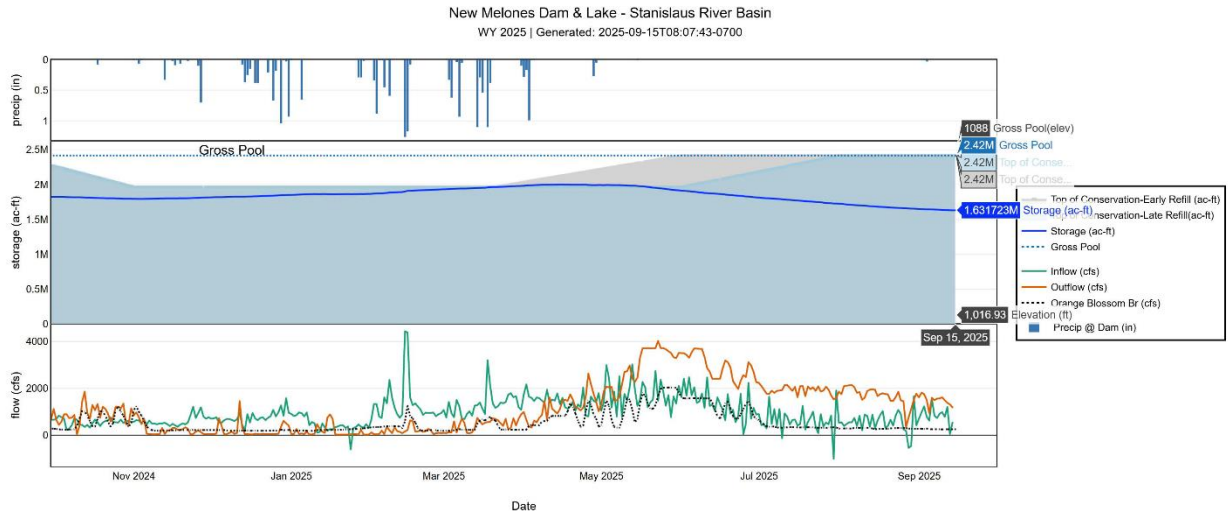
Table 3. Accumulated Inflow for water Year to Date in Thousands of Acre-Feet

Reservoir	Current WY 2025	WY 1977	WY 1983	15-Yr Avg	% O 15 Yr Avg
Trinity	1,621	211	2,874	1,106	147
Shasta	6,599	2,478	10,639	4,811	137
Folsom	2,254	345	6,458	2,643	85
New Melones	666	N/A	2,720	1,047	64

Reservoir	Current WY 2025	WY 1977	WY 1983	15-Yr Avg	% O 15 Yr Avg
Millerton	1,202	349	4,591	1,656	73

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	36.48	12.52	56.67	30.56 (65)	119	0.00
Sacramento at Shasta Dam	67.76	17.69	114.50	59.43 (70)	114	0.00
American at Blue Canyon	69.66	16.90	104.10	64.35 (51)	108	0.00
Stanislaus at New Melones	19.58	N/A	46.38	26.76 (48)	73	0.00
San Joaquin at Huntington LK	29.70	17.50	83.20	4.15 (52)	74	0.00



New Melones Dam & Lake – Stanislaus River Basin, 2025-09-15T08:07:43-0700

Graph shows the flow, storage, and precipitation for New Melones Dam and Lake from November 2024 to September 2025. The graph shows storage approximately 1.8M ac-ft in November 2024 through May 2025, with an inflow peak over 4000 cfs in late February 2025.

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

New Melones Lake Daily Operations, August 2025, Run Date: 09/10/2025

Day	Elev	Stor-age 1000-Acre-Feet in Lake	Storage 1000-Acre-Feet Change	Com-puted Inflow C.F.S.	Release C.F.S. Power	Release C.F.S. Spill	Release C.F.S. Outlet	Evap. C.F.S.	Evap. Inches	Precip Inches
N/A	N/A	1,726.1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
1	1,026.15	1,723.5	-2.6	541	1,744	0	0	124	0.38	0.00
2	1,025.79	1,719.8	-3.6	383	2,090	0	0	127	0.39	0.00
3	1,025.46	1,716.5	-3.3	464	1,983	0	0	160	0.49	0.00
4	1,025.15	1,713.4	-3.1	541	1,997	0	0	121	0.37	0.00
5	1,024.81	1,709.9	-3.4	536	2,136	0	0	127	0.39	0.00
6	1,024.53	1,707.1	-2.8	724	2,039	0	0	104	0.32	0.00
7	1,024.23	1,704.1	-3.0	385	1,802	0	0	104	0.32	0.00
8	1,024.00	1,701.8	-2.3	814	1,831	0	0	149	0.46	0.00
9	1,023.71	1,698.9	-2.9	197	1,503	0	0	159	0.49	0.00
10	1,023.54	1,697.2	-1.7	867	1,590	0	0	136	0.42	0.00
11	1,023.30	1,694.8	-2.4	809	1,879	0	0	143	0.44	0.00
12	1,022.96	1,691.4	-3.4	350	1,938	0	0	129	0.40	0.00
13	1,022.72	1,689.0	-2.4	863	1,948	0	0	123	0.38	0.00
14	1,022.37	1,685.5	-3.5	293	1,932	0	0	123	0.38	0.00
15	1,022.14	1,683.2	-2.3	615	1,660	0	0	113	0.35	0.00
16	1,021.94	1,681.2	-2.0	852	1,742	0	0	116	0.36	0.00
17	1,021.77	1,679.5	-1.7	1,015	1,781	0	0	87	0.27	0.00
18	1,021.46	1,676.4	-3.1	306	1,748	0	0	113	0.35	0.00
19	1,021.17	1,673.5	-2.9	387	1,733	0	0	109	0.34	0.00
20	1,020.99	1,671.7	-1.8	650	1,462	0	0	90	0.28	0.00
21	1,020.75	1,669.4	-2.4	400	1,455	0	0	144	0.45	0.00
22	1,020.57	1,667.6	-1.8	834	1,621	0	0	112	0.35	0.00
23	1,020.38	1,665.7	-1.9	1,067	1,846	0	0	170	0.53	0.00
24	1,020.24	1,664.3	-1.4	882	1,473	0	0	109	0.34	0.00

Day	Elev	Stor-age 1000-Acre-Feet in Lake	Storage 1000-Acre-Feet Change	Com-puted Inflow C.F.S.	Release C.F.S. Power	Release C.F.S. Spill	Release C.F.S. Outlet	Evap. C.F.S.	Evap. Inches	Precip Inches
25	1,019.98	1,661.7	-2.6	241	1,444	0	0	96	0.30	0.00
26	1,019.93	1,661.2	-0.5	171	334	0	0	86	0.27	0.00
27	1,019.65	1,658.5	-2.8	-558	519	0	232	86	0.27	0.00
28	1,019.31	1,655.1	-3.4	-473	1,108	0	0	112	0.35	0.00
29	1,019.31	1,655.1	0.0	1,645	1,498	0	0	147	0.46	0.00
30	1,019.01	1,652.2	-3.0	411	1,768	0	0	137	0.43	0.00
31	1,018.80	1,650.1	-2.1	692	1,603	0	0	131	0.41	0.00
Totals	N/A	N/A	-76.1	16,904	51,207	0	232	3,787	11.74	0.00
Acre-Feet	N/A	N/A	-76,100	33,529	101,569	0	460	7,512	N/A	N/A

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

Summary Precipitation

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

Summary: Release (acre- feet)

Release (acre-feet)	N/A
Power	101,569
Spill	0
Outlet	460
Total	**102,029**

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

New Melones Lake Daily Operations, September 2025, Run Date: 09/15/2025

Day	Elev	Storage 1000-Acre-Feet in Lake	Storage 1000-Acre-Feet Change	Computed Inflow C.F.S.	Release C.F.S. Power	Release C.F.S. Spill	Release C.F.S. Outlet	Evap. C.F.S.	Evap. Inches	Precip. Inches
N/A	N/A	1,650.1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
1	1,018.60	1,648.1	-2.0	959	1,808	0	0	143	0.45	0.00
2	1,018.47	1,646.8	-1.3	1,219	1,746	0	0	118	0.37	0.01
3	1,018.31	1,645.3	-1.6	769	1,499	0	0	64	0.20	0.03
4	1,018.22	1,644.4	-0.9	613	933	0	0	127	0.40	0.00
5	1,018.19	1,644.1	-0.3	1,546	1,590	0	0	105	0.33	0.00
6	1,018.04	1,642.6	-1.5	826	1,484	0	0	86	0.27	0.00
7	1,017.85	1,640.7	-1.9	724	1,553	0	0	111	0.35	0.00
8	1,017.70	1,639.3	-1.5	902	1,557	0	0	86	0.27	0.00
9	1,017.56	1,637.9	-1.4	976	1,608	0	0	60	0.19	0.00
10	1,017.40	1,636.3	-1.6	772	1,481	0	0	82	0.26	0.00
11	1,017.35	1,635.8	-0.5	1,194	1,371	0	0	70	0.22	0.00
12	1,017.08	1,633.2	-2.6	36	1,301	0	0	70	0.22	0.00
13	1,016.93	1,631.7	-1.5	526	1,177	0	0	89	0.28	0.00
14	1,016.93	1,631.7	0.0	1,065	989	0	0	76	0.24	0.00
Totals	N/A	N/A	-18.6	12,127	20,097	0	0	1,287	4.05	0.04
Acre-Feet	N/A	N/A	-18,600	24,054	39,862	0	0	2,553	N/A	N/A

Comments:

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

Summary Precipitation

This Month	0.04
October 1, 2024 to Date	N/A
October 1, 2024 to Date	19.58

Summary: Release (acre-feet)

Release (acre-feet)	N/A
Power	39,862
Spill	0
Outlet	0
Total	**39,862**

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

Tulloch Reservoir Daily Operations, August 2025, Run Date: 09/10/2025

Day	Elev	Storage (Acre Feet) Reservoir	Storage (Acre-Feet) Change	Computed Inflow C.F.S.	New Melones Release	Release C.F.S. Power	Release C.F.S. Spill	Release C.F.S. Outlet	Evap. C.F.S. (1)
N/A	N/A	64,028	N/A	N/A	N/A	N/A	N/A	N/A	N/A
1	507.23	63,556	-472	1,769	1,744	1,992	0	0	15
2	507.46	63,835	279	2,124	2,090	1,968	0	0	15
3	507.75	64,186	351	2,024	1,983	1,828	0	0	19
4	507.97	64,453	267	2,034	1,997	1,884	0	0	15
5	508.34	64,908	455	2,178	2,136	1,934	0	0	15
6	508.64	65,277	369	2,079	2,039	1,880	0	0	13
7	508.52	65,129	-148	1,823	1,802	1,885	0	0	13
8	508.43	65,018	-111	1,865	1,831	1,903	0	0	18
9	507.88	64,344	-674	1,525	1,503	1,846	0	0	19
10	507.64	64,053	-291	1,610	1,590	1,740	0	0	17
11	507.65	64,065	12	1,900	1,879	1,877	0	0	17
12	507.77	64,210	145	1,978	1,938	1,889	0	0	16
13	508.01	64,501	291	1,982	1,948	1,820	0	0	15
14	508.11	64,624	123	1,943	1,932	1,866	0	0	15
15	507.70	64,125	-499	1,719	1,660	1,957	0	0	14
16	507.68	64,101	-24	1,781	1,742	1,779	0	0	14
17	507.86	64,319	218	1,775	1,781	1,654	0	0	11
18	508.18	64,711	392	1,789	1,748	1,577	0	0	14
19	508.43	65,018	307	1,760	1,733	1,591	0	0	14
20	508.34	64,908	-110	1,492	1,462	1,536	0	0	11
21	508.22	64,760	-148	1,508	1,455	1,565	0	0	18
22	508.24	64,784	24	1,635	1,621	1,609	0	0	14
23	508.72	65,375	591	1,901	1,846	1,582	0	0	21
24	508.65	65,289	-86	1,502	1,473	1,531	0	0	14
25	508.50	65,105	-184	1,444	1,444	1,525	0	0	12
26	507.62	64,028	-1,077	1,036	334	1,568	0	0	11
27	507.62	64,028	0	1,579	751	1,568	0	0	11
28	507.64	64,053	25	1,557	1,108	1,274	0	256	14
29	507.56	63,956	-97	1,562	1,498	1,237	0	356	18
30	507.83	64,283	327	1,794	1,768	1,587	0	25	17
31	507.98	64,465	182	1,632	1,603	1,524	0	0	16

Day	Elev	Storage (Acre Feet) Reservoir	Storage (Acre-Feet) Change	Computed Inflow C.F.S.	New Melones Release	Release C.F.S. Power	Release C.F.S. Spill	Release C.F.S. Outlet	Evap. C.F.S. (1)
Totals	N/A	N/A	437	54,300	51,439	52,976	0	637	466
Acre-Feet	N/A	N/A	437	107,704	102,029	105,078	0	1,263	924

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	105,078
Spill	0
Outlet	1,263
Total	**106,341**

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

Tulloch Reservoir Daily Operations, September 2025, Run Date: 09/15/2025

Day	Elev	Storage (Acre Feet) Res.	Storage (Acre-Feet) Change	Computed Inflow C.F.S.	New Melones Release	Release C.F.S. Power	Release C.F.S. Spill	Release C.F.S. Outlet	Evap. C.F.S. (1)
N/A	N/A	64,465	N/A	N/A	N/A	N/A	N/A	N/A	N/A
1	508.73	65,388	923	1,893	1,808	1,410	0	0	18
2	509.26	66,044	656	1,798	1,746	387	0	1,065	15
3	509.24	66,020	-24	1,521	1,499	0	0	1,525	8
4	508.24	64,784	-1,236	903	933	759	0	751	16
5	508.40	64,981	197	1,659	1,590	1,226	0	321	13
6	508.24	64,784	-197	1,466	1,484	1,554	0	0	11
7	508.45	65,043	259	1,578	1,553	1,433	0	0	14
8	508.60	65,228	185	1,592	1,557	1,488	0	0	11
9	508.91	65,609	381	1,633	1,608	1,433	0	0	8
10	508.88	65,572	-37	1,493	1,481	1,502	0	0	10
11	508.92	65,622	50	1,465	1,371	1,431	0	0	9
12	508.87	65,560	-62	1,347	1,301	1,369	0	0	9
13	508.72	65,375	-185	1,208	1,177	1,290	0	0	11
14	508.42	65,006	-369	1,016	989	1,192	0	0	10
Totals	NA	NA	541	20,572	20,097	16,474	0	3,662	163
Acre-Feet	NA	NA	541	40,805	39,862	32,676	0	7,264	323

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	32,676
Spill	0
Outlet	7,264
Total	**39,940**

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

Goodwin Reservoir Daily Operations, August 2025, Run Date: 09/10/2025

Day	Elev	Storage (1000 Acre-Feet) in Lake	Storage (1000 Acre-Feet) Change	Tulloch Release	Release C.F.S. – River Outlet	Release C.F.S. – Spill	Canals-Joint Main	Canals – South Main
N/A	N/A	527	N/A	N/A	N/A	N/A	N/A	N/A
1	359.83	525	-2	1,992	0	227	1,077	500
2	359.82	524	-1	1,968	0	227	1,077	500
3	359.82	524	0	1,828	0	228	1,062	380
4	359.82	524	0	1,884	0	226	1,067	393
5	359.83	525	1	1,934	0	227	1,067	455
6	359.85	527	2	1,880	0	253	1,056	400
7	359.83	525	-2	1,885	0	254	1,035	392
8	359.83	525	0	1,903	0	254	948	451
9	359.83	525	0	1,846	0	253	962	391
10	359.83	525	0	1,740	0	253	957	320
11	359.83	525	0	1,877	0	254	998	421
12	359.83	525	0	1,889	0	253	1,033	419
13	359.82	524	-1	1,820	0	227	997	396
14	359.81	524	0	1,866	0	202	1,001	449
15	359.82	524	0	1,957	0	207	1,038	493
16	359.79	522	-2	1,779	0	225	1,034	364
17	359.82	524	2	1,654	0	227	934	337
18	359.82	524	0	1,577	0	227	882	283
19	359.82	524	0	1,591	0	226	712	429
20	359.83	525	1	1,536	0	253	685	381
21	359.83	525	0	1,565	0	251	709	401
22	359.84	526	1	1,609	0	253	754	401
23	359.84	526	0	1,582	0	254	743	383
24	359.83	525	-1	1,531	0	252	713	364
25	359.84	526	1	1,525	0	253	683	381

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	359.84	526	0	1,568	0	254	717	385
27	359.81	524	-2	1,568	0	226	720	430
28	359.83	525	1	1,530	0	228	750	377
29	359.83	525	0	1,593	0	228	819	365
30	359.83	525	0	1,612	0	230	840	365
31	359.83	525	0	1,524	0	227	778	331
Totals	N/A	N/A	-2	53,613	0	7,359	27,848	12,337
Acre-Feet	N/A	N/A	-2	106,341	0	14,597	55,237	24,470

Joint Main Operated by SSJID and OID.

Summary: Release (acre-feet)

Joint Main Canal	55,237
South Main Canal	24,470
Outlet	0
Spill	14,597
Total	**94,304**

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

Goodwin Reservoir Daily Operations, September 2025, Run Date: 09/15/2025

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	525	N/A	N/A	N/A	N/A	N/A	N/A
1	359.82	524	-1	1,410	0	227	757	241
2	359.82	524	0	1,452	0	225	718	335
3	359.83	525	1	1,525	0	230	769	369
4	359.81	524	-1	1,510	0	203	816	331
5	359.81	524	0	1,547	0	202	843	316
6	359.81	524	0	1,554	0	203	832	376
7	359.81	524	0	1,433	0	203	771	301
8	359.81	524	0	1,488	0	203	775	344
9	359.82	524	0	1,433	0	202	780	278
10	359.82	524	0	1,502	0	204	830	296
11	359.82	524	0	1,431	0	204	798	280
12	359.82	524	0	1,369	0	202	720	307
13	359.82	524	0	1,290	0	202	695	261
14	359.82	524	0	1,192	0	203	655	199
Totals	N/A	N/A	-1	20,136	0	2,913	10,759	4,234
Acre-Feet	N/A	N/A	-1	39,940	0	5,778	21,340	8,398

Joint Main Operated by SSJID and OID.

Summary: Release (acre-feet)

Joint Main Canal	21,340
South Main Canal	8,398
Outlet	0
Spill	5,778
Total	**35,517**

Table 5. New Melones 50% Exceedance

Month	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug
Storage (TAF)	1590	1540	1552	1570	1606	1648	1708	1717	1805	1799	1726	1653
Releases (TAF)	79	82	22	21	12	37	43	147	156	151	110	90
Inflow (TAF)	25	35	35	40	50	80	105	160	250	150	45	25
GW Releases (CFS)	200	635	200	200	200	500	530	767	631	800	200	200

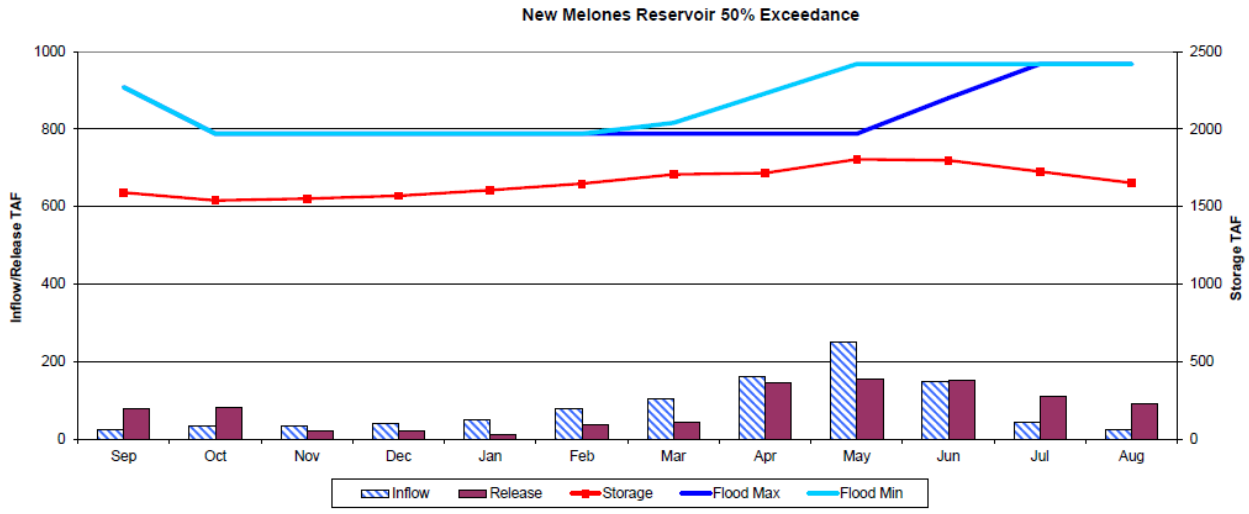


Figure 1. New Melones Reservoir 50% Exceedance

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

Table 6. New Melones 90% Exceedance

Month	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug
Storage (TAF)	1589	1529	1526	1524	1530	1487	1464	1375	1269	1142	1066	997
Releases (TAF)	80	82	22	21	12	67	66	161	181	162	110	93
Inflow (TAF)	25	25	20	20	20	25	45	75	80	40	40	30
GW Releases (CFS)	200	635	200	200	200	1039	900	1143	1200	1000	200	250

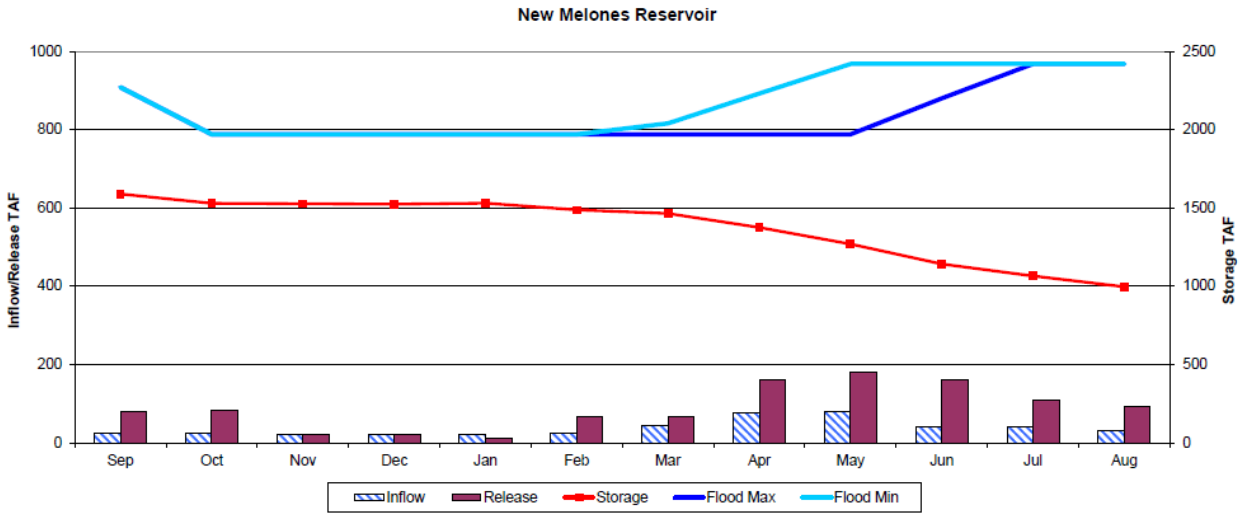


Figure 2. New Melones Reservoir 90% Exceedance

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

August 2025 Water Temperature and Fish Monitoring Update

Year-to-Date Flows

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

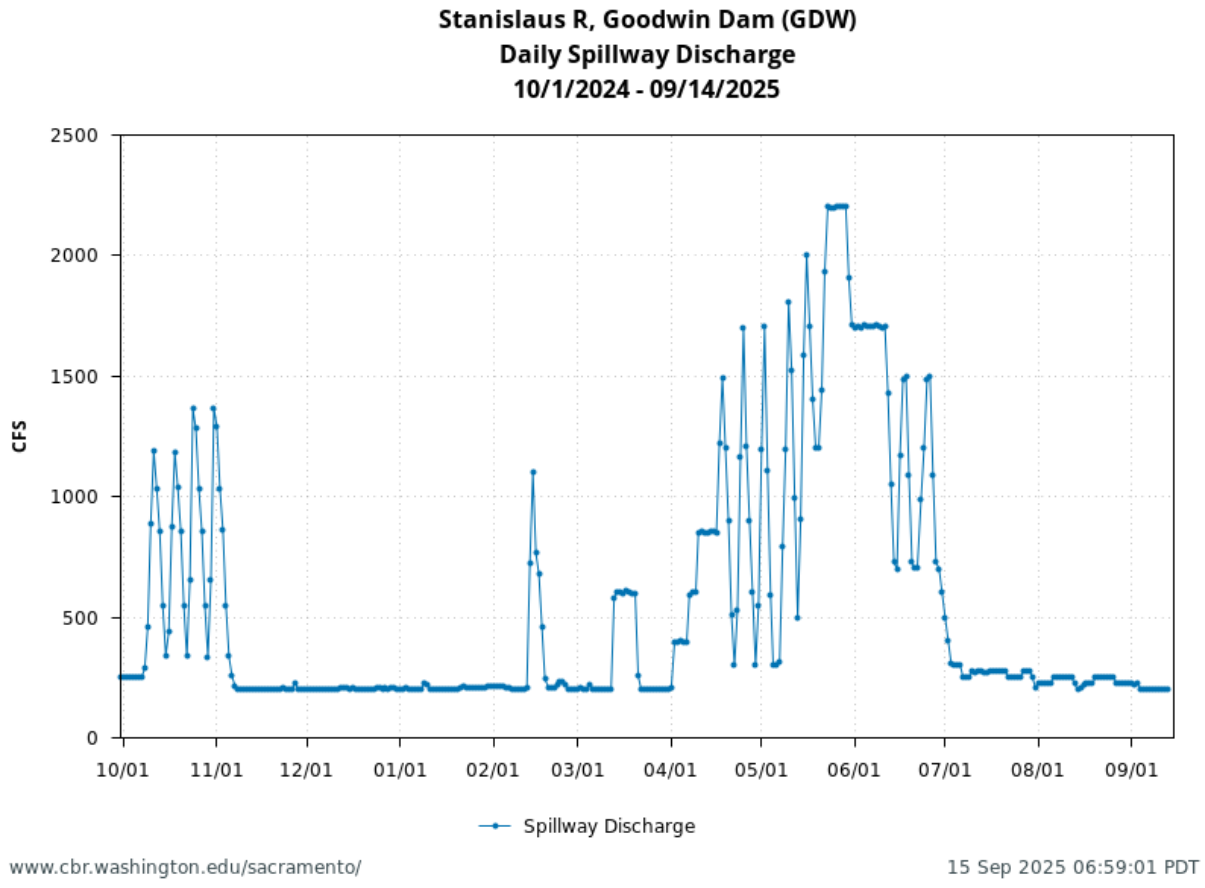


Figure 3. Goodwin (daily) releases to the Stanislaus River since October 1, 2024. Data from GDW station on CDEC.

Figure 3 is a line graph showing Goodwin Dam daily spillway discharge. The graph shows two periods of 1,350 cfs on October 24 and October 31, 2024 and two periods of 1,200 cfs discharge on October 11 and October 18, 2024. The spillway discharge remains around 250 cfs from November 7, 2024 to February 15, 2025. The spillway discharge peaks to about 1,500 cfs on February 15 2025 and to about 600 cfs on March 16,2025. There is a irregular increases from mid-April to early June 2025, with a peak to about 2300 cfs in late May 2025. Discharge decreases under 500 cfs starting in July 2025.

Water Temperature

The temperature thresholds included in Figures 2-10, below, are the thresholds used in the 2024 NMFS LTO BiOp1 (see Incidental Take Statement on p. 896-897) to define the extent of take anticipated from water temperature effects in the Stanislaus River. It is important to note that many of the temperature figures provide subdaily information or information at locations other than Orange Blossom Bridge and thus don't reflect the specific metrics for take in the 2024 NMFS LTO BiOp. Temperature thresholds have been added to these figures at the request of Stanislaus Watershed Team members to provide a general reference of water temperature suitability.

Water temperatures in the Stanislaus River since June 2025 are shown below at Goodwin Canyon (Figure 4), Orange Blossom Bridge (Figure 5), and at Ripon (Figure 6). Water temperatures in the San Joaquin River since May 2025 are shown below at Vernalis (Figure 7). Current-year water temperatures are plotted along with historical temperatures for upstream of Orange Blossom Bridge (Figure 8), Ripon (Figure 9), and Vernalis (Figure 10). A compilation of Stanislaus River water temperatures and Goodwin releases Water Year 2025 is provided in Figure 11.

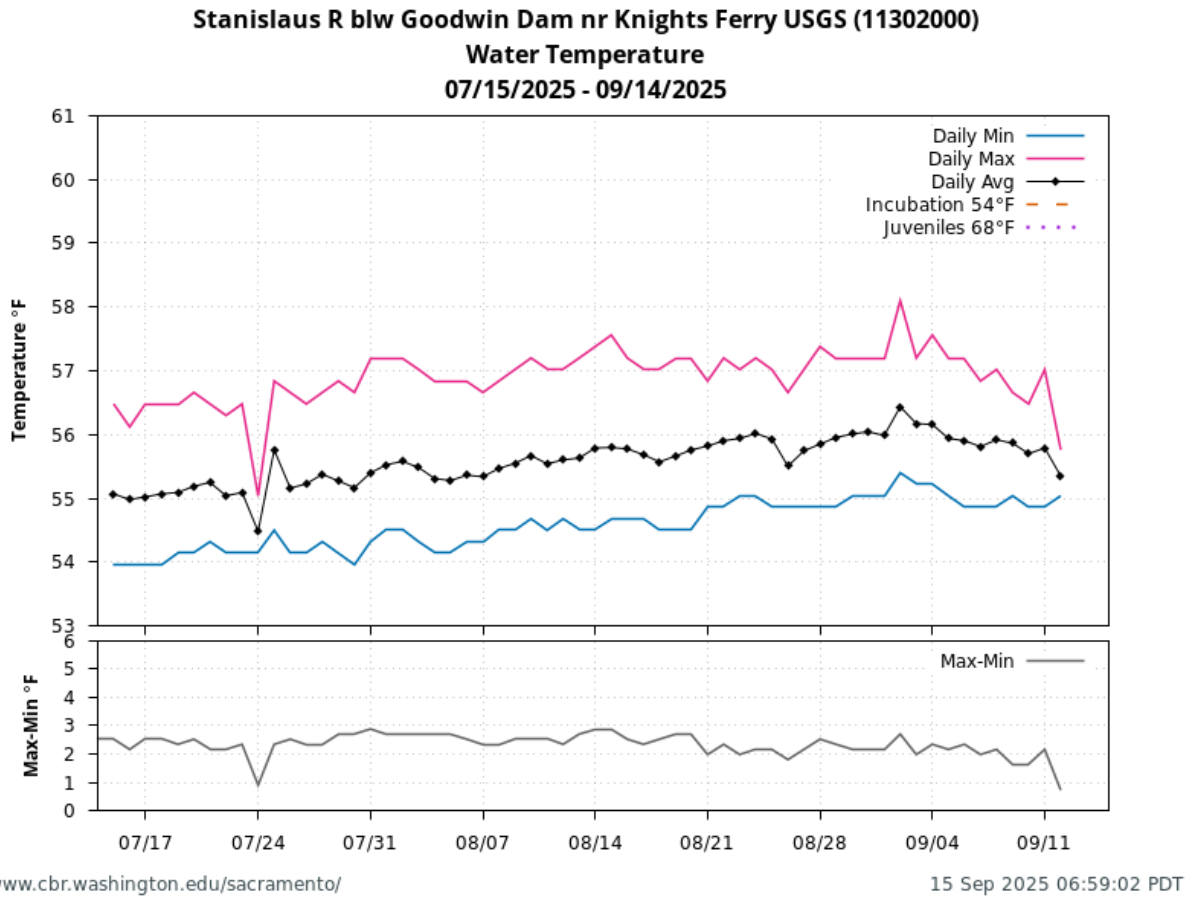


Figure 4. Daily water temperatures on the Stanislaus River upstream of Knights Ferry since June 17, 2025. Data from USGS gage 11302000 on NWIS; temperature threshold reference line added by SWT.

Chart: Stacked chart for daily water temperatures Stanislaus River upstream of Knights Ferry for current 60 days period. Top chart: Daily Min, Max and average water temperatures (in degrees Fahrenheit). Bottom chart: Daily difference between Max and Min measured water temperature in degrees Fahrenheit. Data from OBB station retrieved from CDEC; figure generated by SacPAS (including date-based water temperature threshold reference lines).

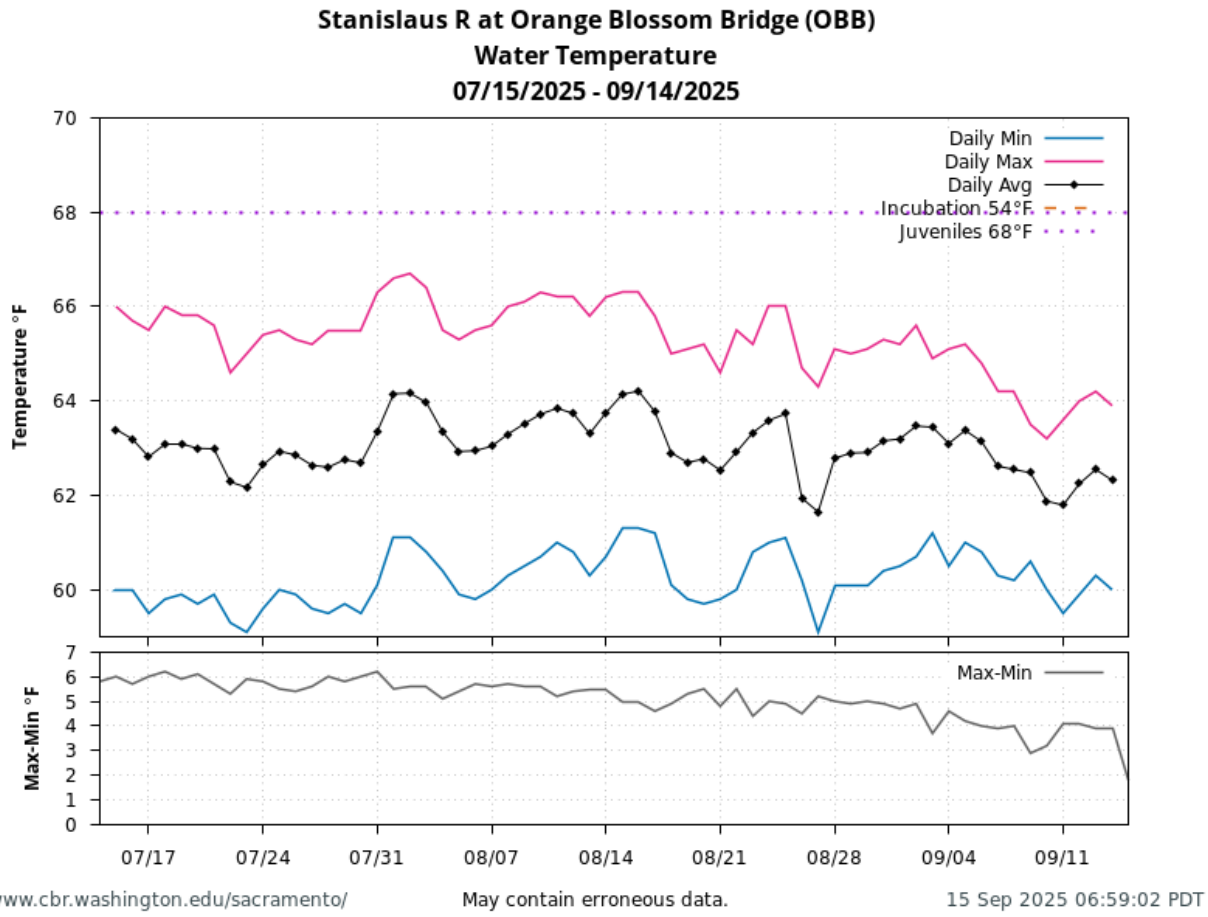


Figure 5. Stanislaus (hourly) water temperatures at Orange Blossom Bridge since June 17, 2025. Data from OBB station on CDEC. Please be aware that due to malfunctions with the temperature gauge at Orange Blossom Bridge, the data should be noted as unreliable.

Chart: Stacked chart for daily water temperatures Stanislaus River at Orange Blossom Bridge for current 60 days period. Top chart: Daily Min, Max and average water temperatures (in degrees Fahrenheit). Bottom chart: Daily difference between Max and Min measured water temperature in degrees Fahrenheit. Data from OBB station retrieved from CDEC; figure generated by SacPAS (including date-based water temperature threshold reference lines).

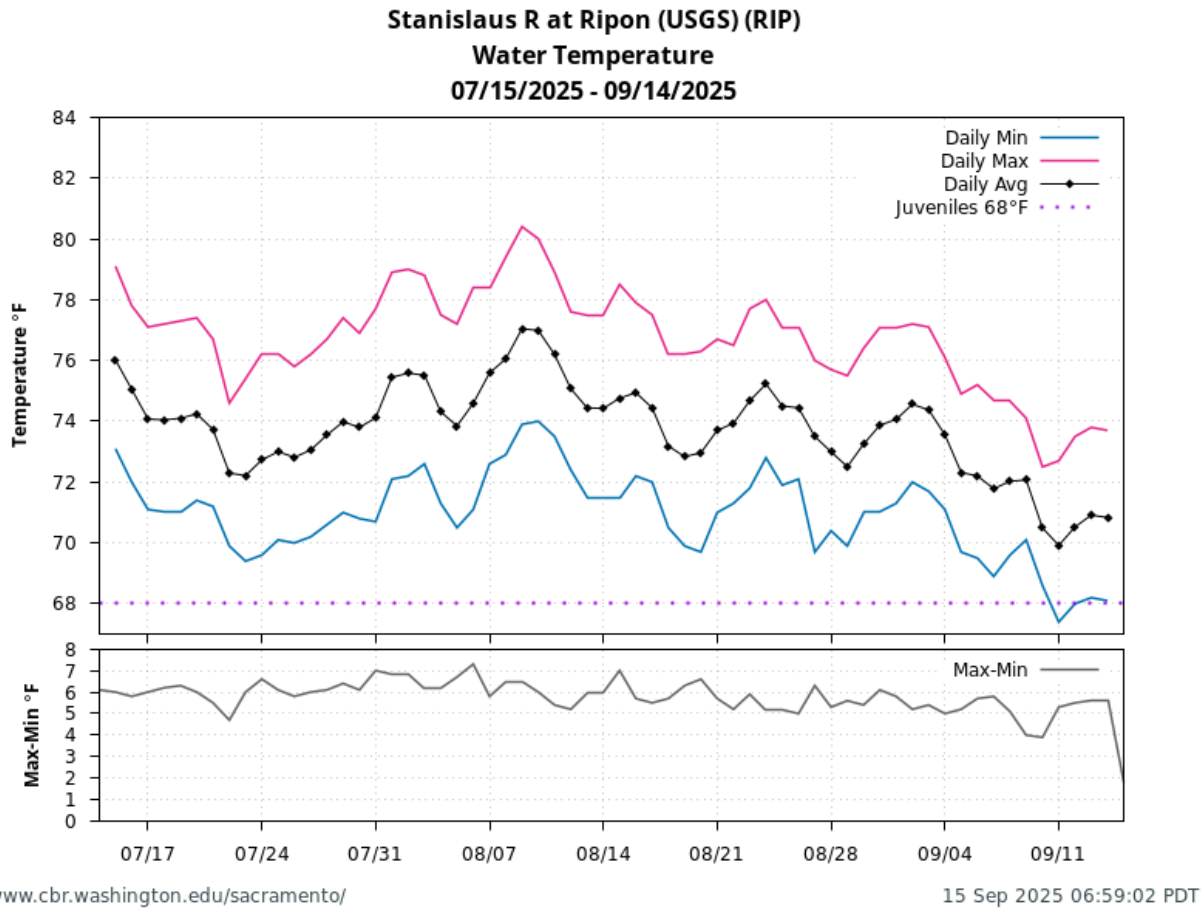


Figure 6. Stanislaus water temperatures at Ripon since June 17, 2025. Data from RIP station on CDEC.

Chart: Stacked chart for daily water temperatures Stanislaus River at Ripon for current 60 days period. Top chart: Daily Min, Max and average water temperatures (in degrees Fahrenheit). Bottom chart: Daily difference between Max and Min measured water temperature in degrees Fahrenheit. Data from OBB station retrieved from CDEC; figure generated by SacPAS (including date-based water temperature threshold reference lines).

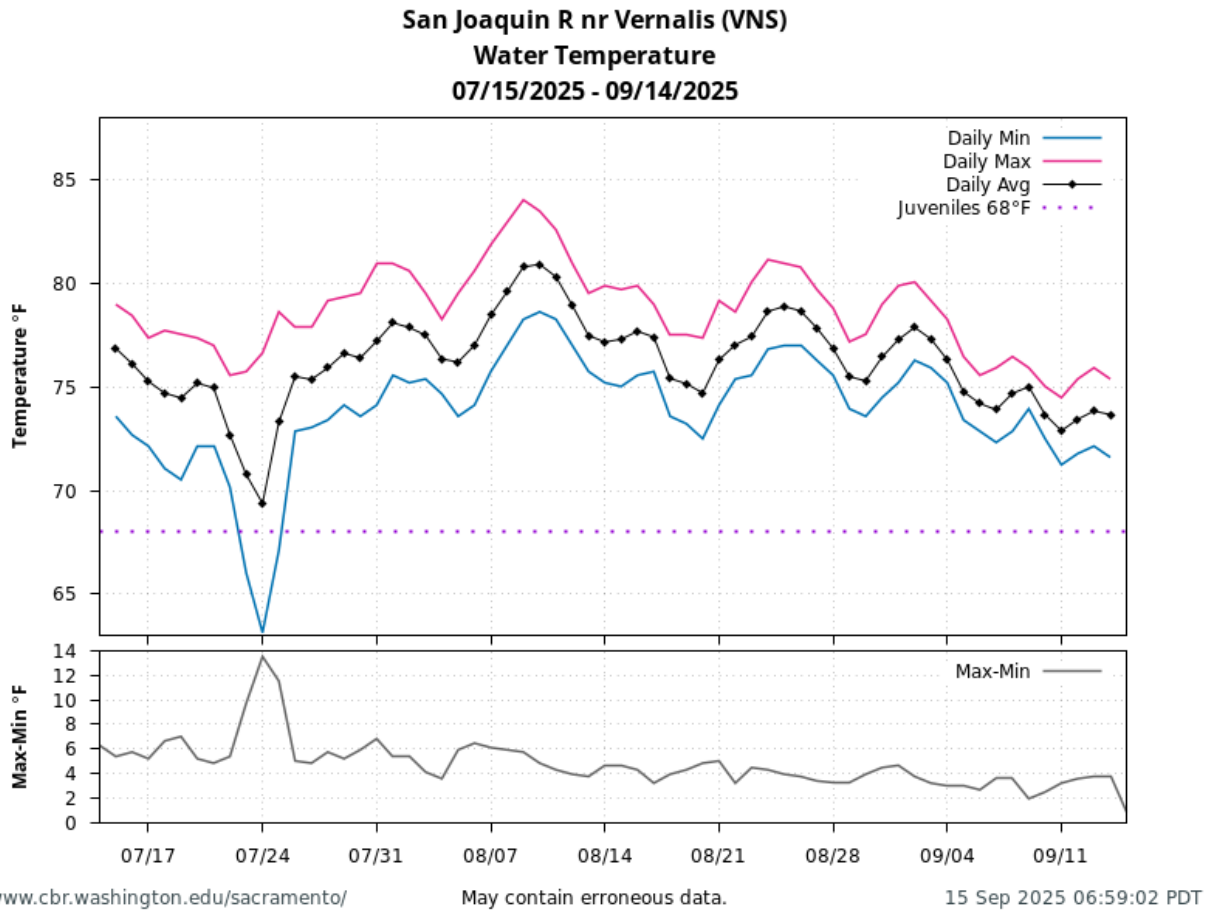


Figure 7. San Joaquin River (15-minute) water temperatures at Vernalis since June 17, 2025. Data from VNS station on CDEC. Note that, unlike in the previous figures, temperature is reported in degrees Celsius. 8°C=46.4°F; 10°C=50°F; 12°C=53.6°F; 14°C=57.2°F; 16°C=60.8°F; 18°C=64.4°F; 20°C=68.0°F; 22°C=71.6°F; 24°C=75.2°F; 26°C=78.8°F; 28°C=82.4°F.

Chart: Stacked chart for daily water temperatures Stanislaus River at Vernalis for current 60 days period. Top chart: Daily Min, Max and average water temperatures (in degrees Fahrenheit). Bottom chart: Daily difference between Max and Min measured water temperature in degrees Fahrenheit. Data from OBB station retrieved from CDEC; figure generated by SacPAS (including date-based water temperature threshold reference lines).

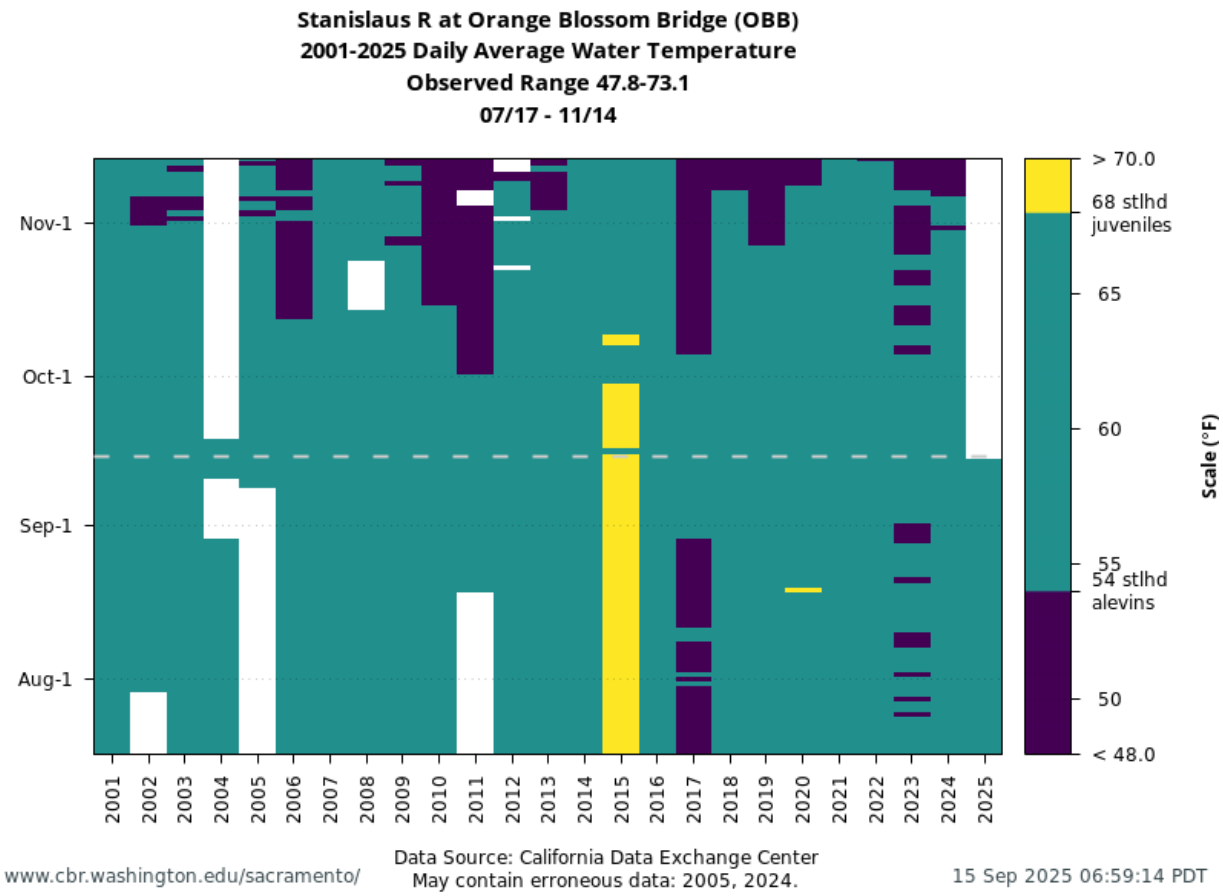


Figure 8. Stanislaus River water temperatures at Orange Blossom Bridge for WY 2001 to present. Data from SacPAS website; temperature threshold reference lines added by SWT. Please be aware that due to malfunctions with the temperature gauge at Orange Blossom Bridge, the date should be noted as unreliable.

Figure 8 is a bar chart showing water temperatures at Orange Blossom Bridge for WY 2001 to present for July to October. The chart shows that during this time, the daily average water temperature was mostly between 54 and 68 degrees Fahrenheit with 2015 being mostly above 68 degrees Fahrenheit.

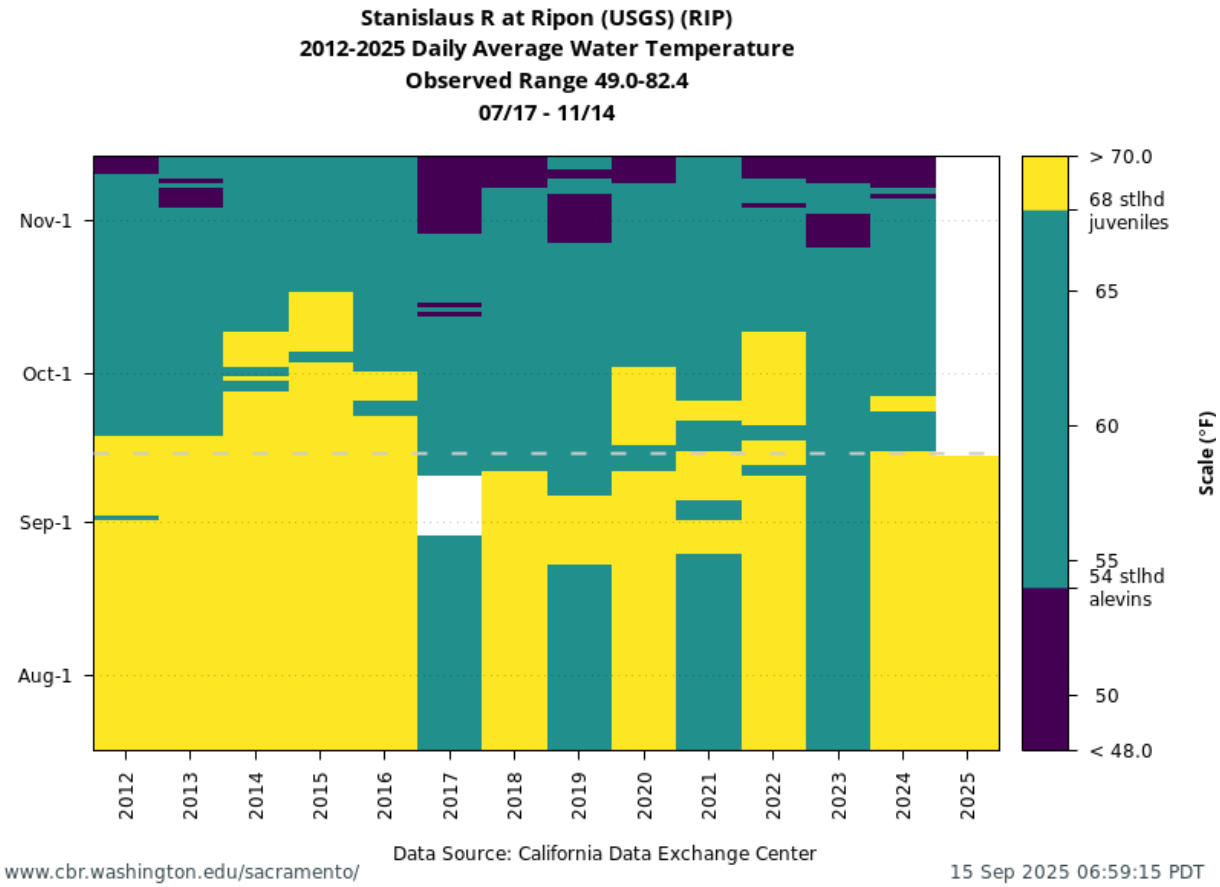


Figure 9. Stanislaus River water temperatures at Ripon for WY 2012 to present. Figure from SacPAS website using RIP station data from CDEC; temperature threshold reference line added by SWT.

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

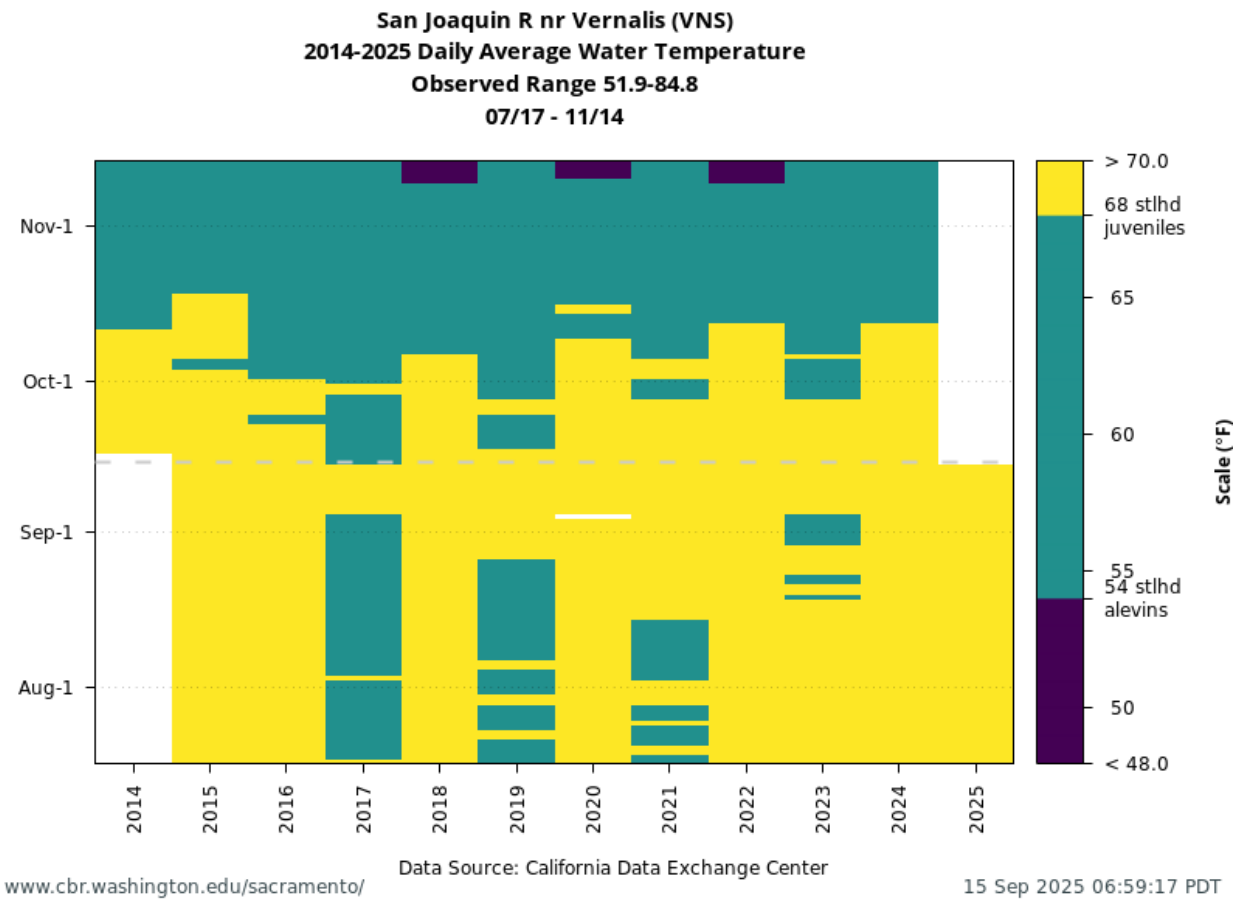


Figure 10. San Joaquin River water temperatures at Vernalis for WY 2014 to present. Figure from SacPAS website using VNS station data from CDEC; temperature threshold reference line added by SWT.

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

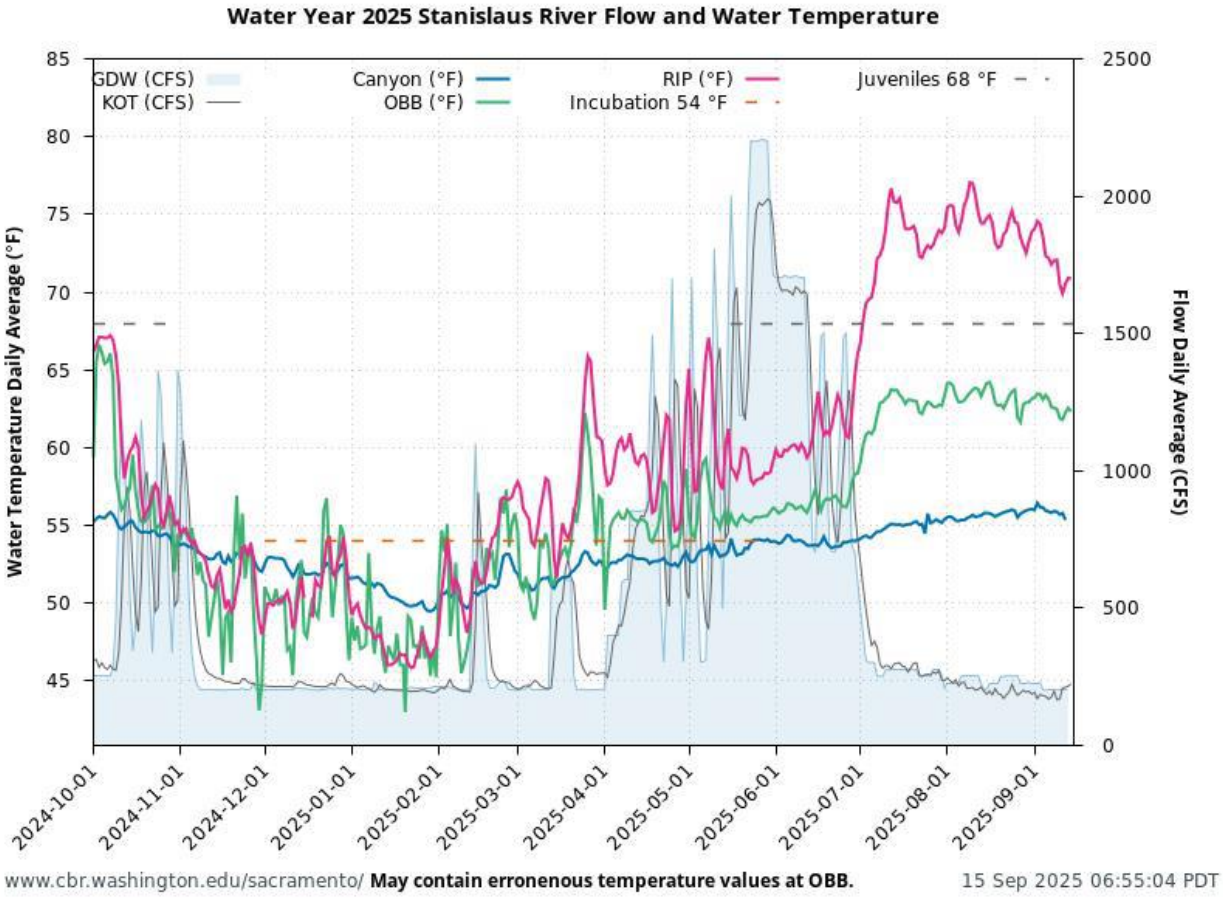


Figure 11. Stanislaus River flow and water temperatures from October 1, 2024 to September 15, 2025. Data (including temperature threshold reference lines) from SacPAS. Please be aware that due to malfunctions with the temperature gauge at Orange Blossom Bridge, the data should be noted as unreliable.

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

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: Began week of September 15.

Update on Fish Monitoring (Juveniles)

Mossdale Trawl
Mossdale trawl operations will shift to USFWS only operations in October.

No salmonid captures since June 2025, updates will resume when juvenile fish are captured.

May – August 2025.

FISHBIO Updates

Updates
The Stanislaus River weir was installed the week of September 8 and began monitoring on September 11. As of 8:00 AM on September 15, one adult Chinook (ad-clip) was observed on September 12.

Figure 12. Image of adult Chinook (ad-clip) observed by the Stanislaus River weir on September 12, 2025.

Figure 12 is an image of an adult Chinook (ad-clip) facing left, observed by the Stanislaus River weir.

PSMFC Updates

Updates
To be shared/discussed at the meeting.