



October 2, 2025

Via Electronic Submittal (E-File)

Debbie-Anne Reese, Secretary
Federal Energy Regulatory Commission
888 First Street, NE
Washington, DC 20426

**RE: Potter Valley Hydroelectric Project, FERC No. 77-CA
2025 Temporary Minimum Instream Flow Amendment
September Storage and Temperature Report**

Dear Secretary Reese:

This letter presents the Lake Pillsbury monthly storage report and water temperature monitoring related to the 2025 temporary minimum instream flow amendment for Pacific Gas and Electric Company's (PG&E) Potter Valley Hydroelectric Project, Federal Energy Regulatory Commission (FERC) No. 77. On August 4, 2025, FERC released an order approving the temporary flow amendment request PG&E submitted on February 14, 2025. The FERC order required that PG&E submit monthly storage reports for the duration of the temporary flow amendment.

The storage and temperature data report for the month of September is included with this letter as (Enclosure 1).

Should you have questions concerning this matter, please contact Chadwick McCready, senior license coordinator for PG&E, at (530) 685-5710.

Sincerely,

Chadwick McCready
Senior License Coordinator, Hydro License Compliance

Enclosure:

1. Monthly Storage and Water Temperature Report for September 2025

ENCLOSURE 1

Potter Valley Drought Variance Working Group

Monthly Meeting

Water Management Report

Sep. 25, 2025





We have a short agenda as follows:

- Welcome/Roll Call – Chadwick
- Water Management Report- Michelle
- Water Temperature Data- Andrew
- Discussion/Round Table – All



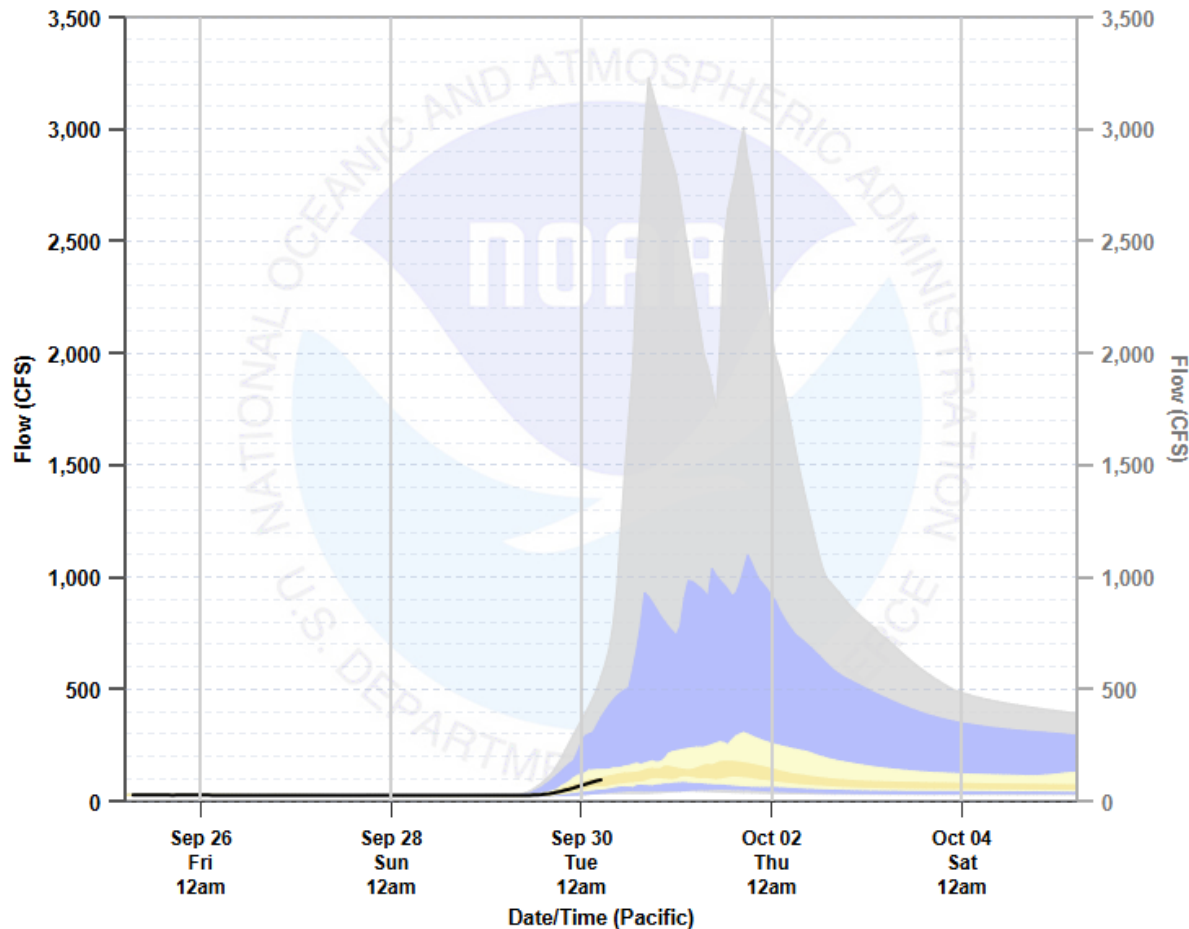
Meeting Ground Rules

Listen	Listen to and Respect Each Other
Act	Act in Good Faith
Open	Open Discussion by All
Seek	Seek Collaborative Solutions
Silence	Silence Your Cellphone
Identify	Identify Yourself with Name and Org when Commenting
Mute	Please Mute your line if not commenting



Near-term flow forecast

Hourly Peak Flow Probabilities
EEL RIVER - LAKE PILLSBURY (PLBC1)
Created: 09/25/2025 at 7:58 AM PDT



Chance of Flow Exceedance (CFS)

Forecast Period:
09/25/2025 5 am - 10/05/2025 5 am

Max	3,231
5%	1,394
10%	1,101
25%	327
50%	176
75%	108
90%	61
95%	54
Min	47

Customize Thresholds

Show: 5 Days 10 Days

Export Image

Export Chart Data (CSV)

- Official Forecast (Deterministic)
- Ensemble Mean
- Model Traces
- Hourly Probabilities
 - 0-5% chance
 - 5-25% chance
 - 25-40% chance
 - 40-60% chance

What information is considered in this forecast?



Pillsbury Storage Forecasts

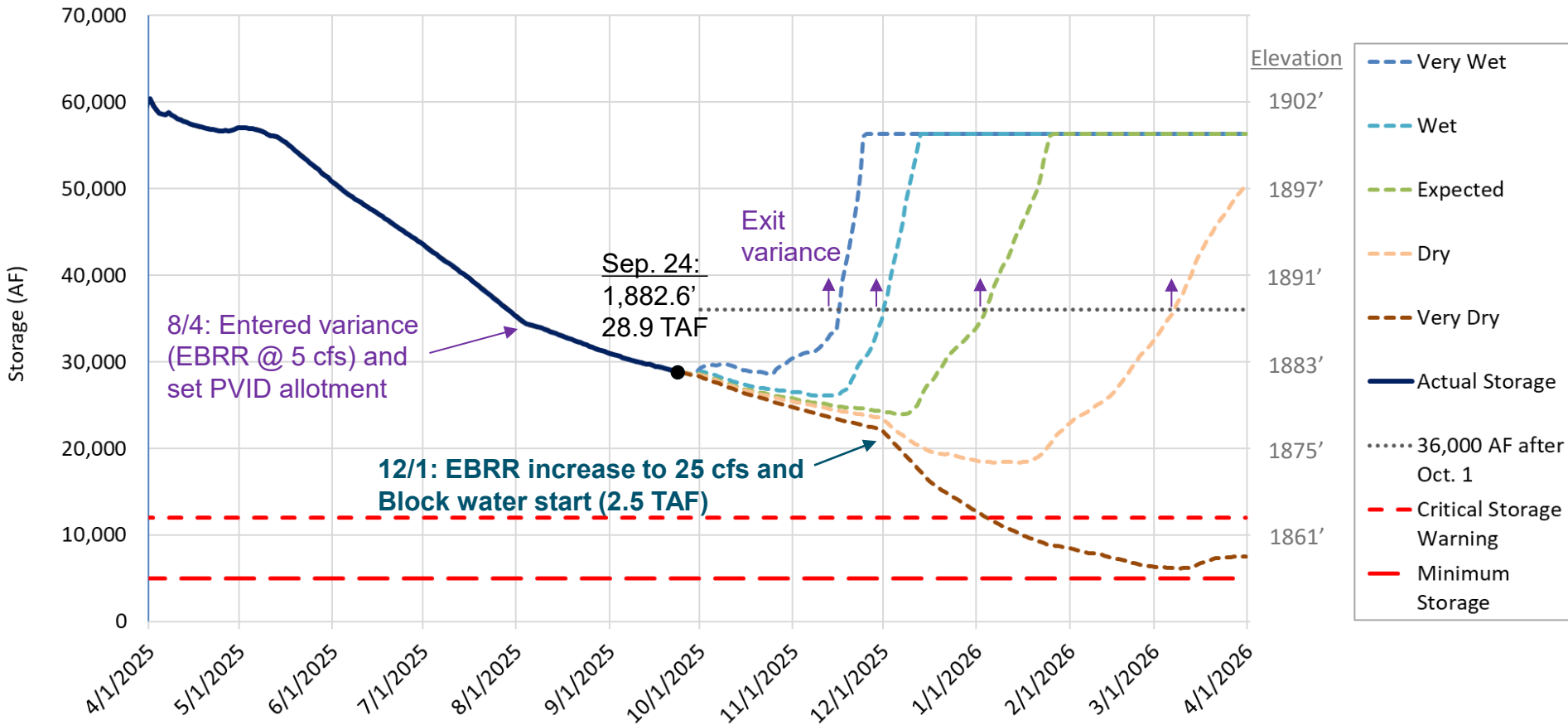
EBRR flow and Block water release scenarios



2025/26 Storage Forecast:

Oct. 1st EBRR increases to 25 cfs; Dec. 1st BW release

Lake Pillsbury Storage Forecast (EBRR @ 5 cfs for 8/4-9/30; 25 cfs after, PVID @ 25 cfs avg 8/4 to 10/15) - issued 9/24/2025



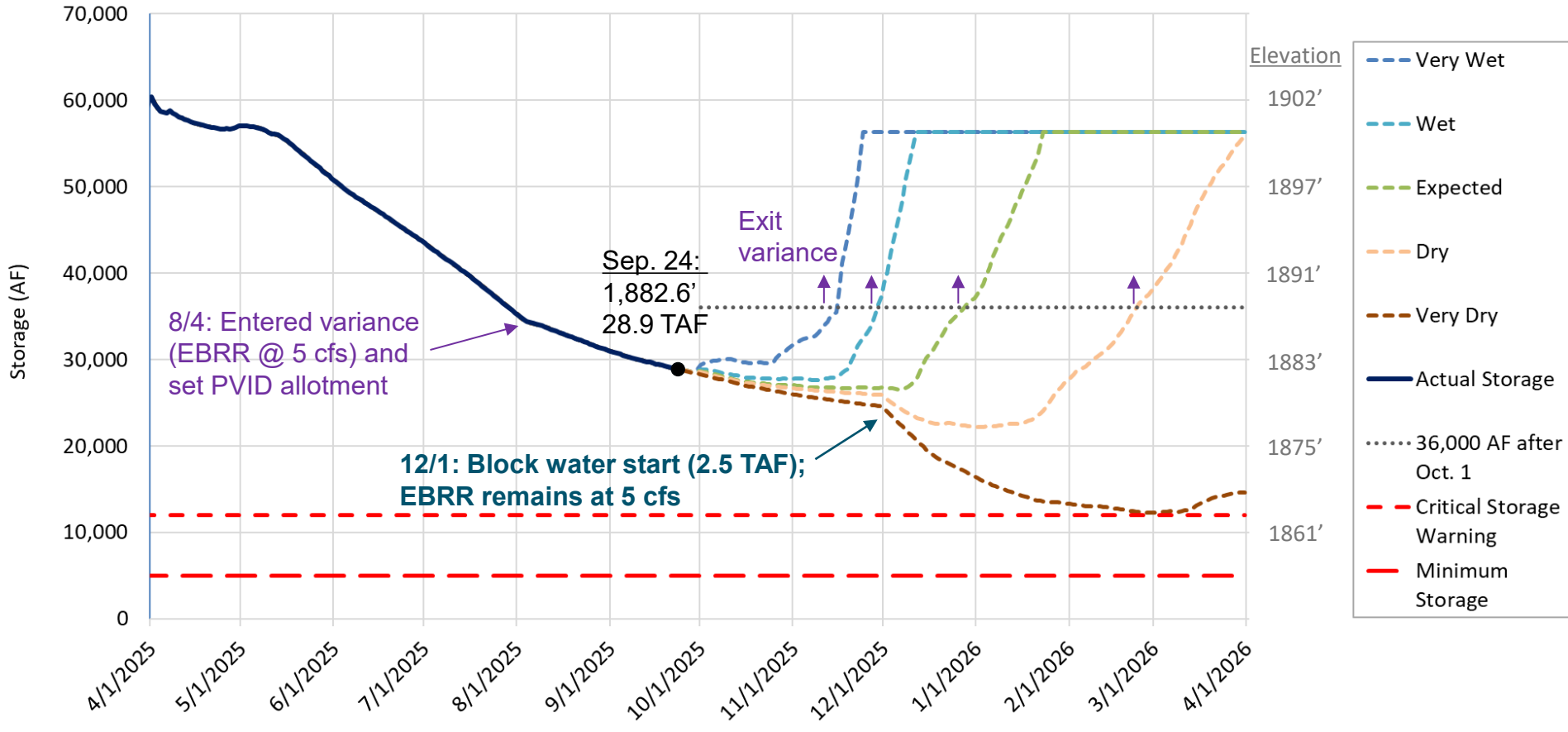
Assumptions: EBRR @ 5 cfs until Sept. 30th, then 25 cfs for remainder of variance; Block water release: 2.5 TAF starting Dec. 1st; Post-Oct. 1st, Variance ends >36 TAF



2025/26 Storage Forecast:

Oct. 1st EBRR remains at 5 cfs; Dec. 1st BW release

Lake Pillsbury Storage Forecast (EBRR @ 5 cfs for duration of variance, PVID @ 25 cfs avg 8/4 to 10/15) - issued 9/24/2025



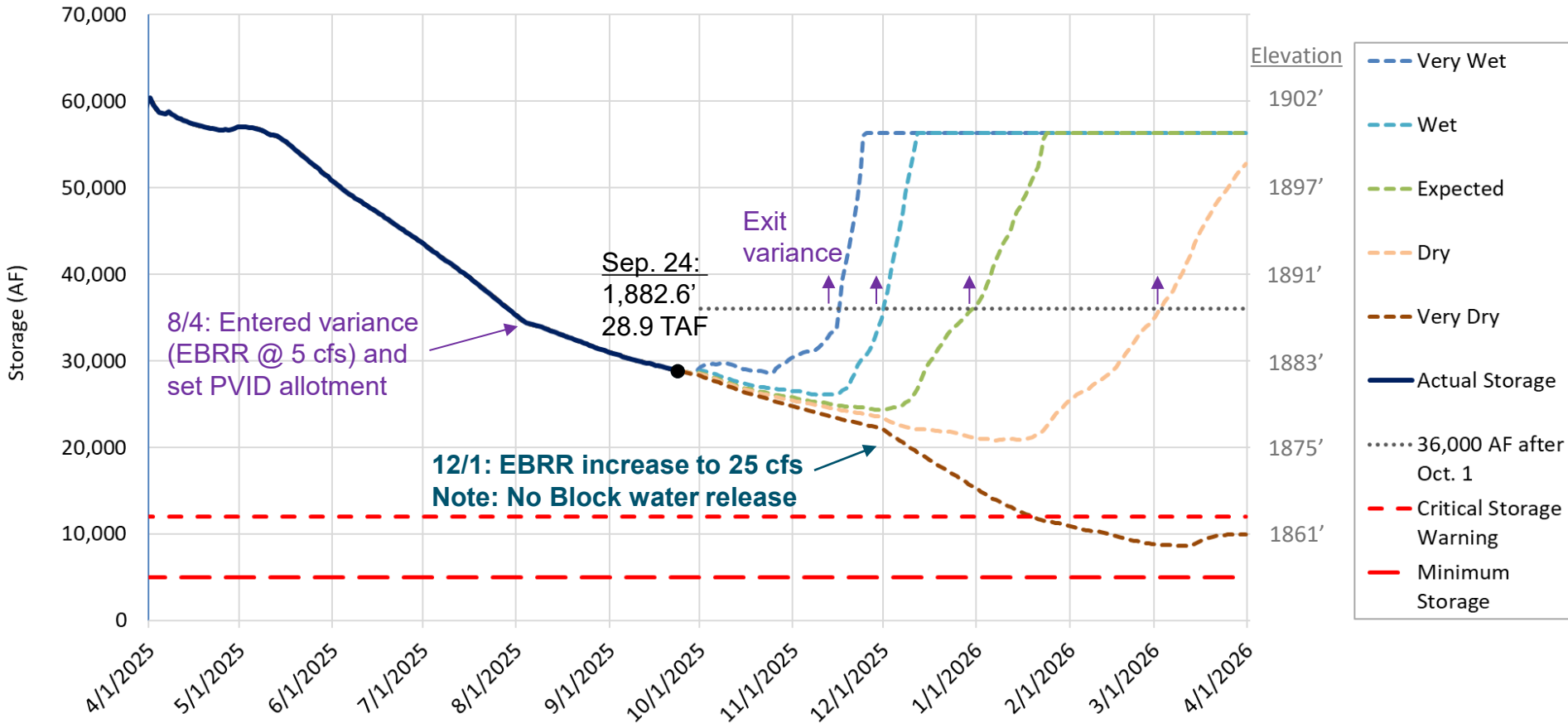
Assumptions: EBRR @ 5 cfs for remainder of variance; Block water release: 2.5 TAF starting Dec. 1st; Post-Oct. 1st, Variance ends >36 TAF



2025/26 Storage Forecast:

Oct. 1st EBRR increases to 25 cfs; No BW release

Lake Pillsbury Storage Forecast (EBRR @ 5 cfs for 8/4-9/30; 25 cfs after, PVID @ 25 cfs avg 8/4 to 10/15) - issued 9/24/2025



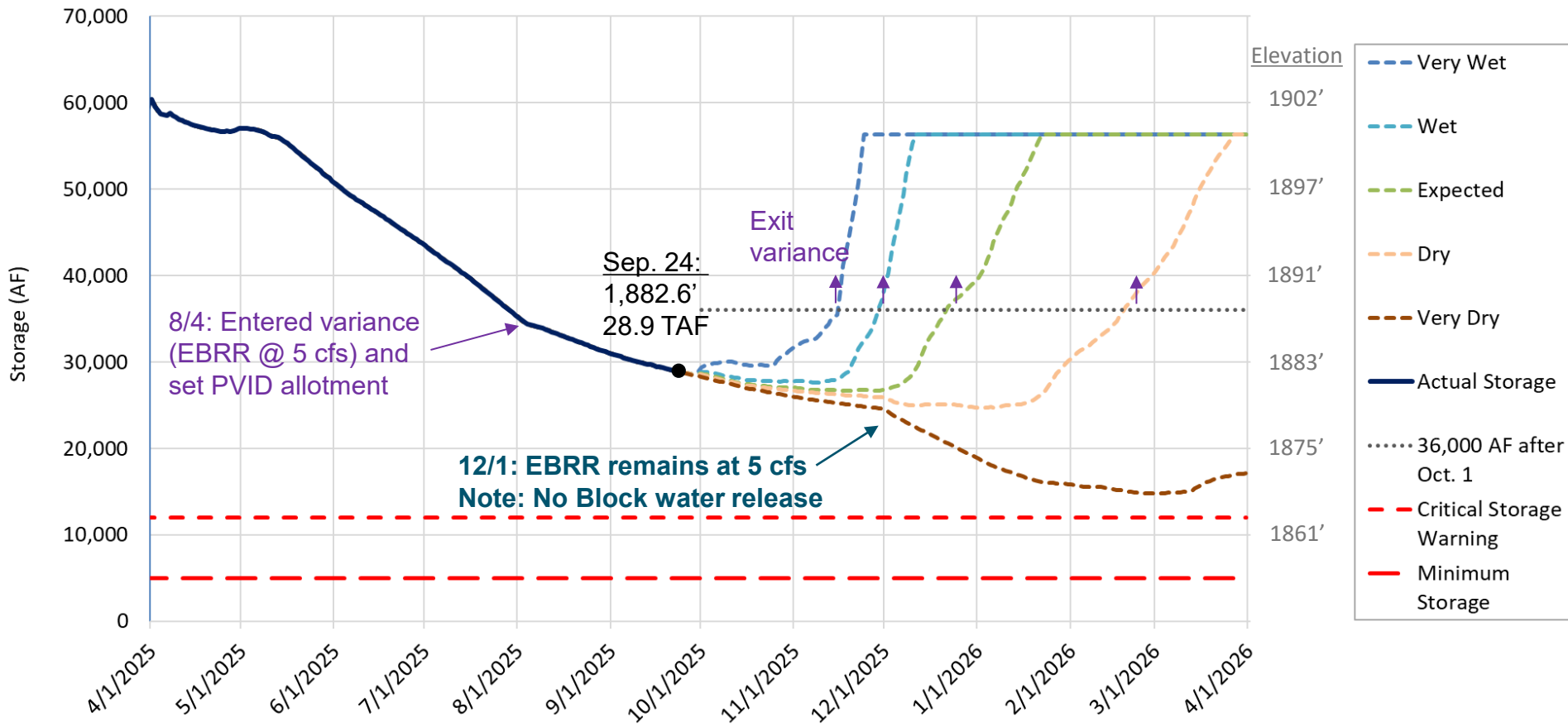
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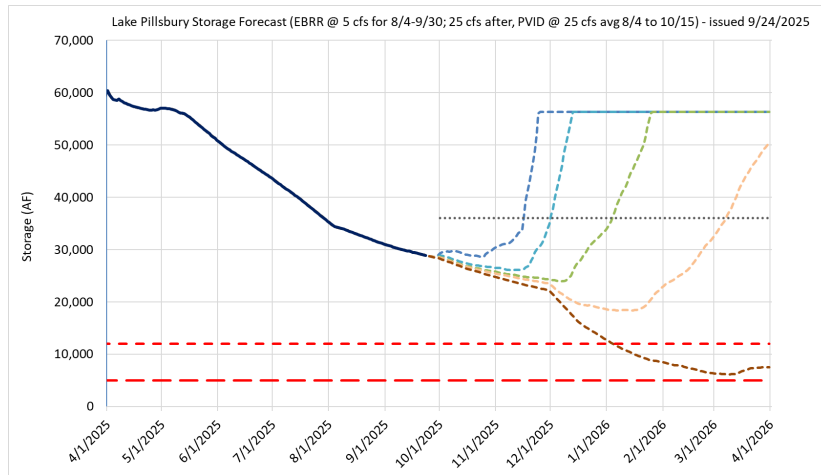
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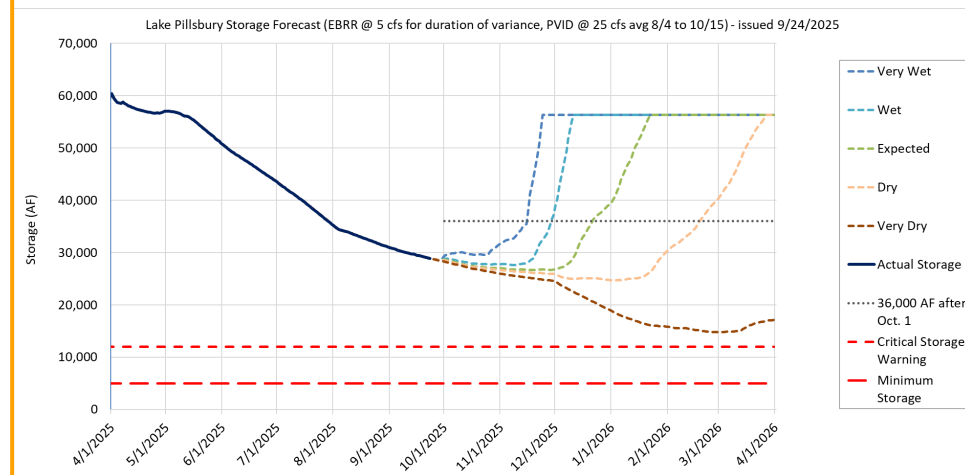
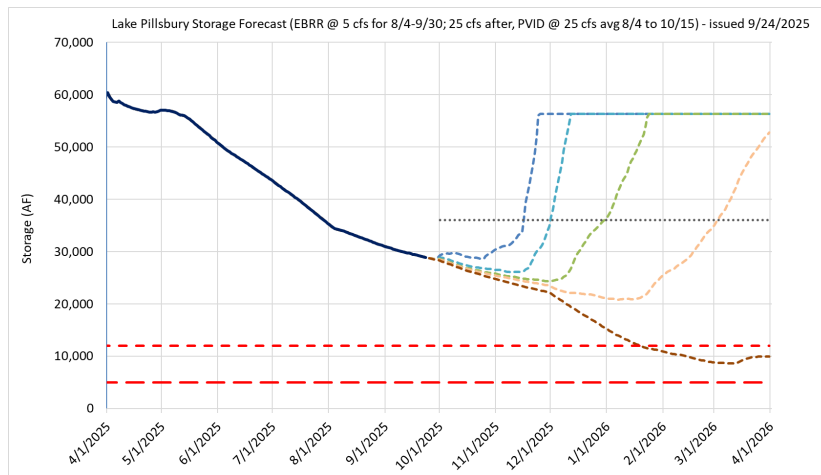
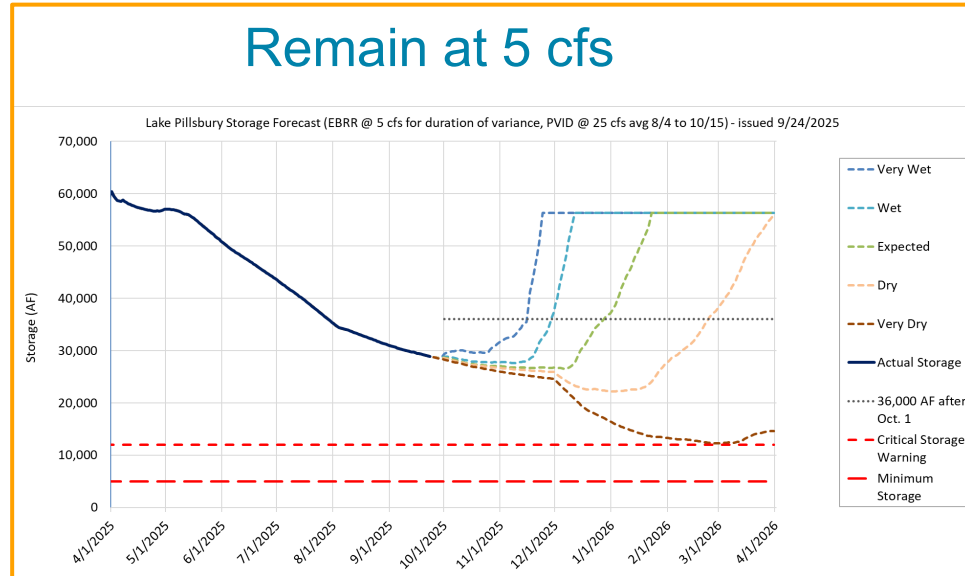
Scenario Comparison

EBBR after 9/30?

Increase to 25 cfs



Remain at 5 cfs



Y
Block Water?
N



Variance was approved Aug. 4th and was implemented that same day

Aug. 2025 - Storage and Flow (Preliminary Data)

Date	PVPH Precip (in)	Lake Pillsbury Storage (AF)	Change in Storage (AF)	Lake Pillsbury Inflow (cfs)	E2 Flow (cfs)	E11 Flow (cfs)	E16 Flow (cfs)	PVID Request (cfs)	PVID Irrig. Season Cumul. (AF)	PVID during Variance Cumul. (AF)	EBRR IFR (cfs)	Calpella Flow (cfs)
8/1/2025	0	35,145		-2	142	26	125	45	9,818		75	104
8/2/2025	0	34,860	-285	-2	142	27	121	45	9,908		75	103
8/3/2025	0	34,562	-298	-3	147	45	110	45	9,997		75	88
8/4/2025	0	34,351	-211	9	116	56	80	20	10,037		75 / 5	95
8/5/2025	0	34,281	-70	22	57	30	32	25	10,086	50	5	31
8/6/2025	0	34,183	-98	10	59	23	35	25	10,136	99	5	26
8/7/2025	0	34,100	-83	15	57	20	35	25	10,185	149	5	21
8/8/2025	0	34,017	-83	20	62	21	35	25	10,235	198	5	19
8/9/2025	0	33,891	-125	2	66	26	39	30	10,294	258	5	17
8/10/2025	0	33,781	-111	7	63	23	40	30	10,354	317	5	19
8/11/2025	0	33,662	-119	3	62	22	40	30	10,413	377	5	20
8/12/2025	0	33,503	-159	-16	65	23	40	30	10,473	436	5	22
8/13/2025	0	33,378	-125	2	64	25	40	30	10,532	496	5	21
8/14/2025	0	33,240	-138	-3	67	24	40	30	10,592	555	5	21
8/15/2025	0	33,102	-138	0	69	28	44	35	10,661	625	5	20
8/16/2025	0	32,964	-137	-1	69	25	45	35	10,731	694	5	19
8/17/2025	0	32,841	-124	6	68	25	45	35	10,800	764	5	18
8/18/2025	0	32,717	-123	6	68	26	45	35	10,870	833	5	20
8/19/2025	0	32,581	-137	-1	68	25	45	35	10,939	902	5	22
8/20/2025	0	32,458	-123	6	68	25	45	35	11,008	972	5	25
8/21/2025	0	32,322	-136	-1	68	25	45	35	11,078	1,041	5	22
8/22/2025	0	32,200	-122	6	68	25	45	35	11,147	1,111	5	21
8/23/2025	0	32,065	-135	-1	68	24	45	35	11,217	1,180	5	23
8/24/2025	0	31,930	-135	0	67	24	45	35	11,286	1,250	5	23
8/25/2025	0	31,782	-148	-7	68	24	45	35	11,356	1,319	5	18
8/26/2025	0	31,662	-120	3	64	29	37	25	11,405	1,369	5	20
8/27/2025	0	31,542	-120	0	60	26	34	25	11,455	1,418	5	19
8/28/2025	0	31,422	-120	-2	59	24	34	25	11,504	1,468	5	21
8/29/2025	0	31,302	-120	-1	59	24	34	25	11,554	1,517	5	20
8/30/2025	0	31,196	-106	5	59	24	34	25	11,603	1,567	5	19
8/31/2025	0	31,063	-132	-8	59	24	34	25	11,653	1,617	5	16

PVID's allotment is 3,570 AF for the remainder of the irrigation season. This corresponds to 25 cfs average for Aug. 5th to Oct. 15th.



Sep. 2025 - Storage and Flow (Preliminary Data)

Date	PVPH Precip (in)	Lake Pillsbury Storage (AF)	Change in Storage (AF)	Lake Pillsbury Inflow (cfs)	E2 Flow (cfs)	E11 Flow (cfs)	E16 Flow (cfs)	PVID Request (cfs)	PVID Irrig. Season Cumul. (AF)	PVID during Variance Cumul. (AF)	EBRR IFR (cfs)	Calpella Flow (cfs)
9/1/2025	0	30,958		5	59	24	34	25	11,703	1,666	5	19
9/2/2025	0	30,839	-118	-1	59	24	34	25	11,752	1,716	5	20
9/3/2025	0	30,734	-105	6	59	24	34	25	11,802	1,765	5	20
9/4/2025	0	30,617	-118	0	59	24	34	25	11,851	1,815	5	19
9/5/2025	0	30,499	-118	0	59	24	34	25	11,901	1,864	5	19
9/6/2025	0	30,382	-117	-3	56	23	35	25	11,951	1,914	5	19
9/7/2025	0	30,265	-117	0	59	24	35	25	12,000	1,964	5	20
9/8/2025	0.12	30,161	-104	6	59	24	0	25	12,050	2,013	5	21
9/9/2025	0.18	30,071	-91	13	59	25	36	25	12,099	2,063	5	22
9/10/2025	0	29,993	-77	21	60	27	36	25	12,149	2,112	5	20
9/11/2025	0	29,929	-64	28	60	26	35	25	12,199	2,162	5	23
9/12/2025	0	29,852	-77	20	59	26	35	25	12,248	2,212	5	23
9/13/2025	0	29,762	-90	13	58	23	35	25	12,298	2,261	5	21
9/14/2025	0	29,672	-90	12	58	23	35	25	12,347	2,311	5	23
9/15/2025	0	29,583	-89	13	58	22	35	25	12,397	2,360	5	23
9/16/2025	0	29,481	-102	7	58	23	35	25	12,446	2,410	5	24
9/17/2025	0	29,392	-89	13	58	23	35	25	12,496	2,460	5	21
9/18/2025	0	29,303	-89	12	57	23	35	25	12,546	2,509	5	19
9/19/2025	0.04	29,227	-76	19	58	23	35	25	12,595	2,559	5	21
9/20/2025	0.01	29,138	-89	11	56	25	31	20	12,635	2,598	5	23
9/21/2025	0	29,062	-76	16	54	24	30	20	12,675	2,638	5	24
9/22/2025	0	28,987	-76	14	52	25	26	15	12,704	2,668	5	21
9/23/2025	0	28,899	-88	6	50	24	25	15	12,734	2,698	5	17
9/24/2025	0	28,824	-75	12	50	24	25	15	12,764	2,727	5	18
9/25/2025	0	28,723	-100	1	51	24	25	15	12,794	2,757	5	19
9/26/2025	0	28,648	-75	15	53	31	21	10	12,813	2,777	5	19
9/27/2025	0	28,574	-75	6	44	27	20	10	12,833	2,797	5	18
9/28/2025	0	28,499	-75	5	42	22	20	10	12,853	2,817	5	19
9/29/2025	0.47	28,499	0	43	43	25	20	10	12,873	2,836	5	20
9/30/2025	0.46	28,500	1	44	43	27	20	10	12,893	2,856	5	20

As of Sept. 30th, PVID has used approximately 2,856 AF of the 3,570 AF allotment, leaving approximately 714 AF for the remainder of the irrigation season. This corresponds to 24 cfs average for Oct. 1st to Oct. 15th.



Water Temperature Data

Lake Pillsbury Water Temperature Profile - 2025

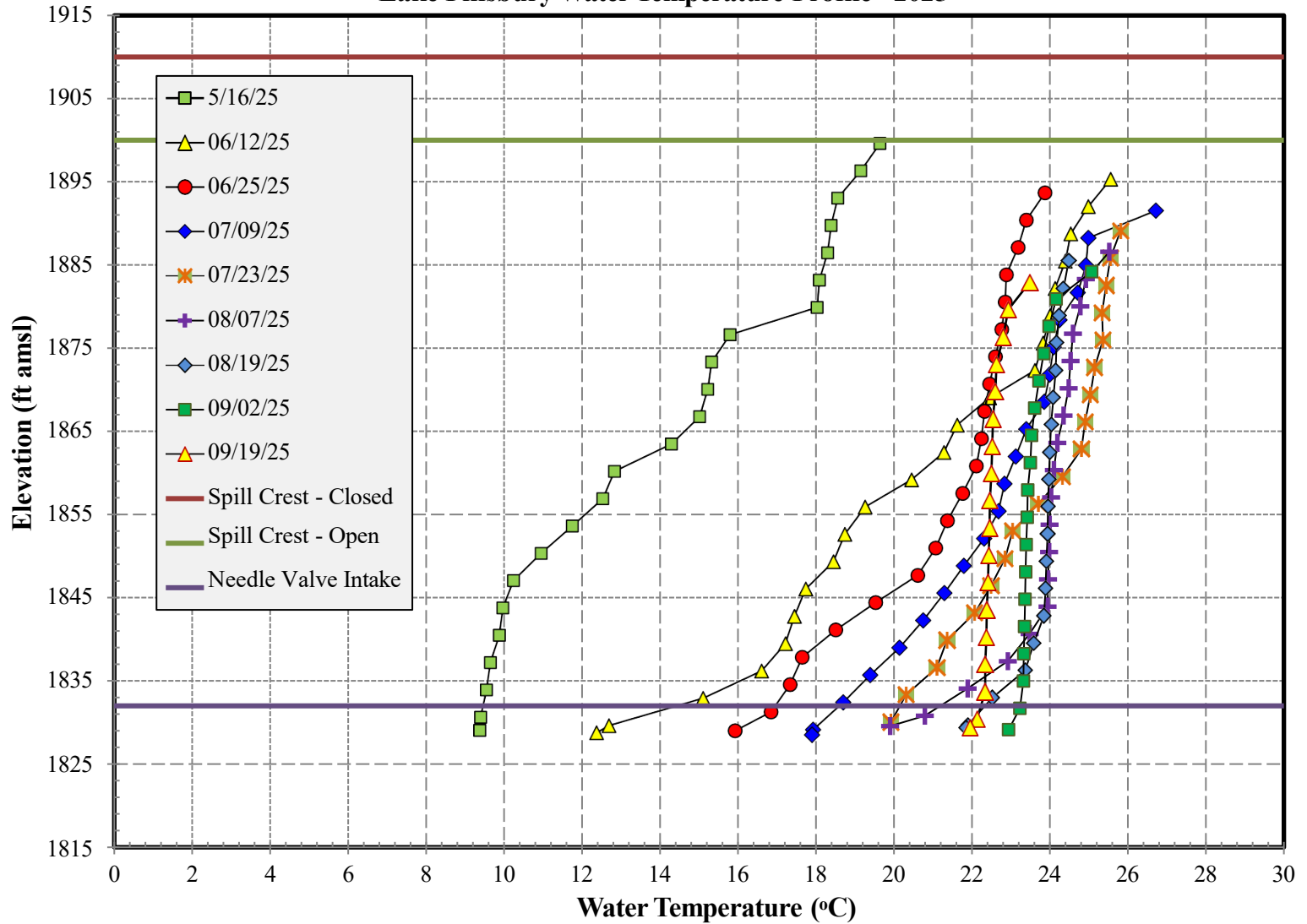


Figure 1. Mainstem Eel River water temperatures, 2025, Eel River above Benmore Creek

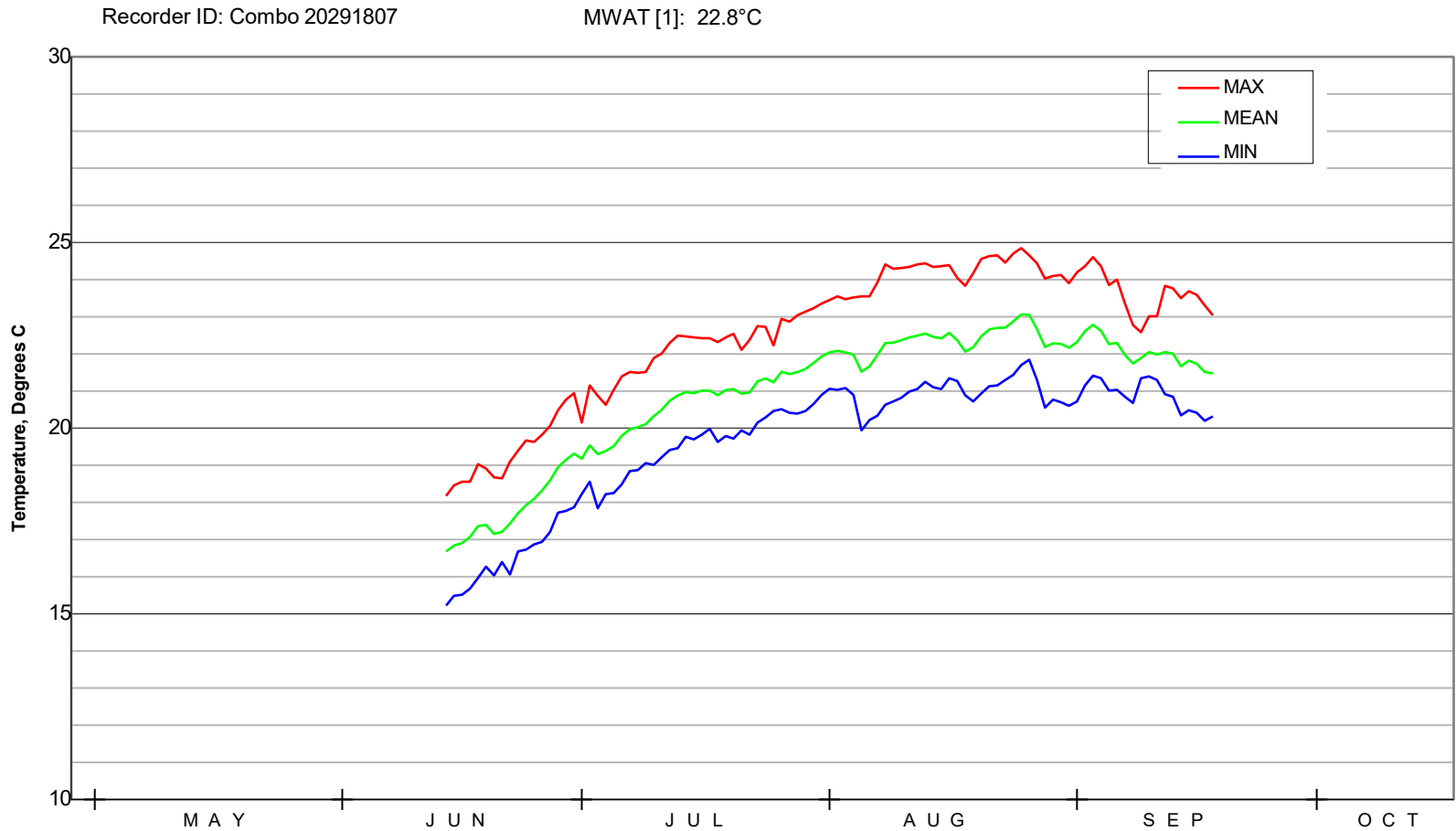


Figure 2. Mainstem Eel River water temperatures, 2025, Eel River above Trout Creek

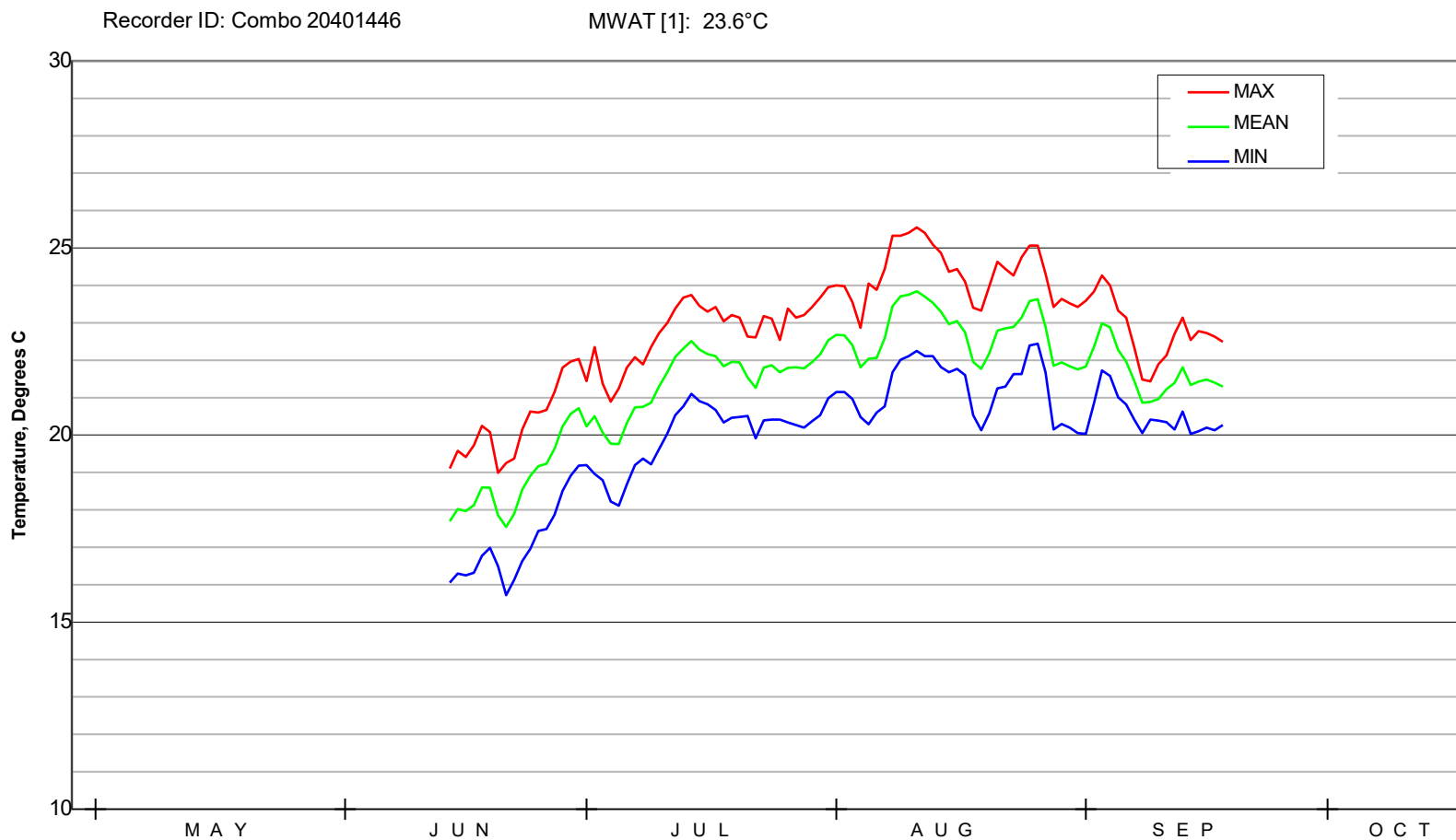
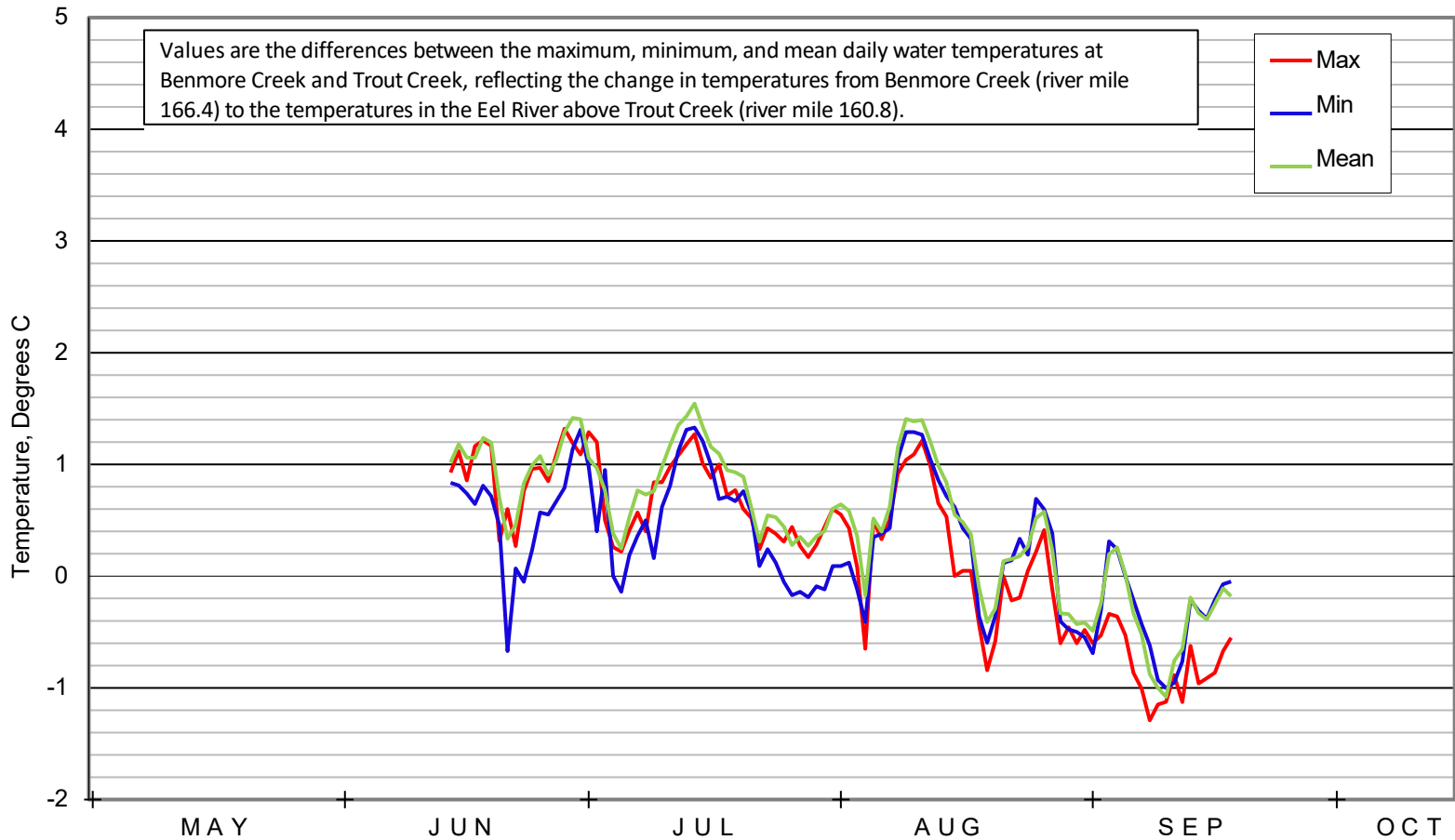


Figure 3. Difference between Mainstem Eel River daily maximum, mean and minimum water temperatures at Benmore Creek (river mile 166.4) and Trout Creek (river mile 160.8), 2025 WY.





Round Table