



WY2025 Flow Strategy Recommendation

Trinity River Restoration Program Flow Work Group

Patrick Flynn – Coordinator

Trinity Management Council 9/18/2024

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How we got here:

Trinity Management Council Motion 6/6/2024

*Any recommendations or conditions for WY 2025 flows between 01 Oct and 15 April are to be submitted to the Flow Workgroup by **19 July** and any specific hydrographs are to be submitted to the Flow Workgroup by **9 August**.
Radley Ott and Keli McElroy concurred.*

- Trinity County presented a proposal that included recommendations
- State of CA presented the full winter flow proposal as was recommended for WY 2023

Trinity County's initial proposal: presented 19 July

- County presented draft initial proposal by the 19 July deadline as required by TMC
- Draft recommendations are based on fishable days lost – in contrast to WY2024 which was flow volume-based
- Flow WG met on July 22 to review and consider the recommendations
- Drafted set of questions for Trinity County to refine and clarify the recommendations

1. Losses of fishable days that meet or are less than those listed in the following table. The table is from the Winter Flow Report:

Trinity River Restoration Program: Winter Flow Project Report

Table 5-4. Average, minimum, and maximum impact to wade and boat fishing days gained or (lost) below Lewiston Dam for WY 2004-2019 from the Winter Flow Project compared to baseline conditions.

Month	Change in Days of Wade Fishing (<800 cfs)			Change in Days of Boat Fishing (200-1500 cfs)		
	Average	Min	Max	Average	Min	Max
October	0	0	0	0	0	0
November	0	0	0	0	0	0
December	0	0	0	0	0	0
January	-4	0	-13 (7)	-3 (2-3)	0	-8 (4)
February	-4	0	-15 (8)	-2 (2-3)	0	-8 (4)
March	-14	-3	-31 (15)	-8 (2-3)	0	-17 (9-10)
April	-24	-14	-30	-16	0	-30
May	+5	0	-2	+10	+30	0
June	+19	0	+9	+18	+30	0
July	+12	-29		+5	+11	0
August	0	0	0	0	0	0
September	0	0	0	0	0	0
Annual	-7	+13			+29	-7

2. The flow synchronization period (Dec.-Feb.) is supported, provided that only one flow synchronization event occurs.
3. Trinity County requests that receding limbs of any peak flows are minimized.
4. Trinity County requests the flows between October 1st and December 15th be above 300 cfs, up to 800 cfs to allow more water volume shift from the traditional spring event.

Final proposal:

presented 9 August

- Losses of a max of 10 boat fishing days during the flow synchronization period (Dec 15-Feb 14) as defined by the 2000 EIS. The County request effective and robust community outreach if a flow synchronization event occurs, providing the specific flows to the public with an much advanced notice as possible, minimum of 4 days.
- The flow synchronization period (Dec.-Feb.) is supported, provided that only one flow synchronization event occurs.
- Trinity County requests that receding limbs of any peak flows are minimized.
- Trinity County requests that effective and robust outreach is undertaken in the event that the month of March will see fishable days lost in excess of 10 days.

The County has reviewed a hydrograph and flow scheduler that meets these constraints, and can support the action in a motion at the Trinity Management Council if the action is implemented as proposed.



August 8th, 2024

Mr. Flynn,

In June 2024, the Trinity Management Council (TMC) approved the following motion:
Any recommendations or conditions for WY 2025 flows between 01 Oct and 15 April are to be submitted to the Flow Workgroup by 19 July and any specific hydrographs are to be submitted to the Flow Workgroup by 9 August. Radley Ott and Keli McElroy concurred.

Trinity County submitted draft recommendations and conditions for WY 2025 flows between 01 Oct and 15 April to the Flow Work Group on July 22. The Flow WG provided comments and additional information. As such the county submits the following revised proposal to meet the 9 August deadline established by the TMC:

Trinity County proposes the following for recommendations or conditions for WY 2025 flows between 01 Oct and 15 April. The county can support elevated flows during the period between 01 Oct and 15 April if the following conditions are met:

1. Losses of a max of 10 boat fishing days during the flow synchronization period (Dec 15-Feb 14) as defined by the 2000 EIS. The County request effective and robust community outreach if a flow synchronization event occurs, providing the specific flows to the public with as much advanced notice as possible, minimum of 4 days.
2. The flow synchronization period (Dec.-Feb.) is supported, provided that only one flow synchronization event occurs.
3. Trinity County requests that receding limbs of any peak flows are minimized.
4. Trinity County requests that effective and robust outreach is undertaken in the event that the month of March will see fishable days lost in excess of 10 days.

The County has reviewed a hydrograph and flow scheduler that meets these constraints, and can support the action in a motion at the Trinity Management Council if the action is implemented as proposed.

Digitally signed by Trent Tuthill
Date: 2024.09.05 08:06:05
+07'00'
Trent Tuthill
County Administrative Officer
Trinity County

Flow WG consensus

- Flow WG met on 9 August and 19 August to review and consider the revised recommendations
- Reached consensus on moving forward with flow recommendation that accommodated Trinity County's requests

The full implementation of the Winter Flow Variability project is possible while still accommodating Trinity County's requests.



Trinity River Restoration Program (TRRP)

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TECHNICAL MEMORANDUM

TO: ERIC PETERSON, SCIENCE COORDINATOR, IDT CO-COORDINATOR
TY WALLIN, IDT CO-COORDINATOR

FROM: PATRICK FLYNN, FLOW WORKGROUP COORDINATOR

CC: MIKE DIXON, EXECUTIVE DIRECTOR
JAMES LEE, IMPLEMENTATION BRANCH CHIEF, ACTING EXECUTIVE DIRECTOR

SUBJECT: RECOMMENDATION FROM FLOW WORKGROUP TO IDT ON WATER YEAR 2025 FLOW RELEASE SCHEDULES

DATE: SEPTEMBER 10, 2024

ATTACHMENT: TRINITY COUNTY FLOW WINTER FLOW PROPOSAL WY2025 (SIGNED FLOW PROPOSAL COUNTY INFO - AUG 8 2024.PDF)

The Trinity Management Council (TMC) met on June 5-6, 2024. On June 6, the following motion was approved by TMC entities:

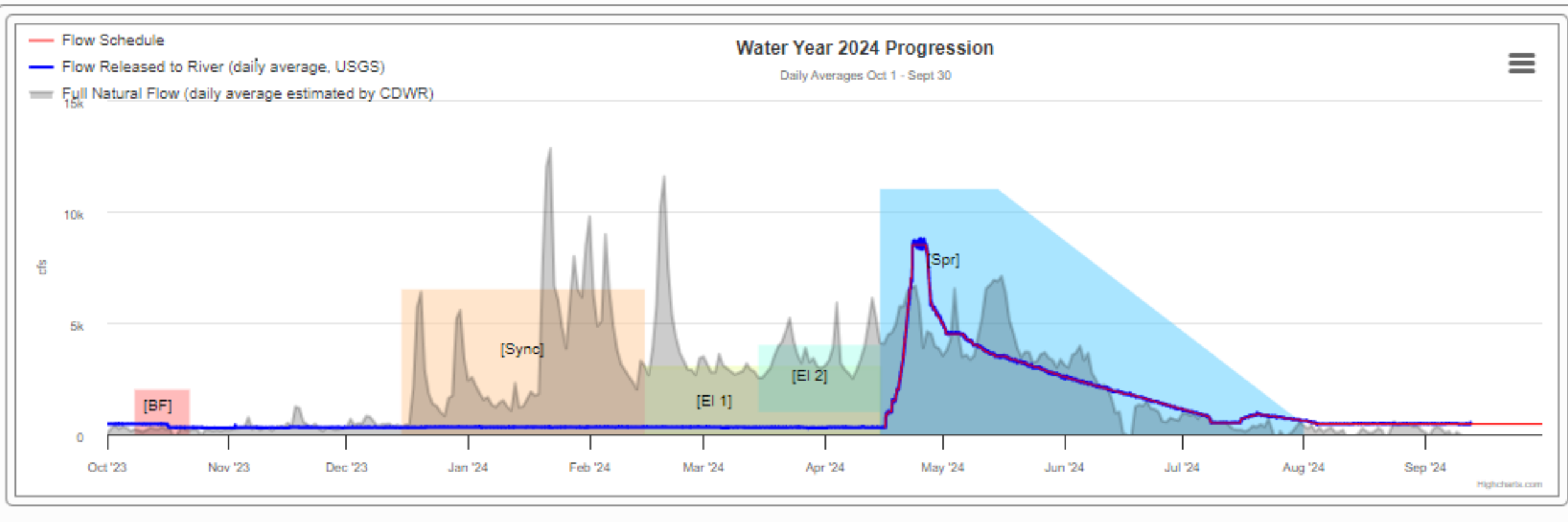
Any recommendations or conditions for WY [water year] 2025 flows between 01 Oct and 15 April are to be submitted to the Flow Workgroup by 19 July and any specific hydrographs are to be submitted to the Flow Workgroup by 9 August. Radley Ott and Keli McElroy concurred.

As a result, the Flow Work Group (FWG) met on July 22, August 9, and August 19, 2024 to discuss recommendations for flow releases from Lewiston Dam for water year 2025. Trinity County submitted a proposal for flows between 01 Oct and 15 April by the 19 July deadline that consisted of the following constraints:

A draft communication and outreach plan is being drafted by Program staff in collaboration with the County

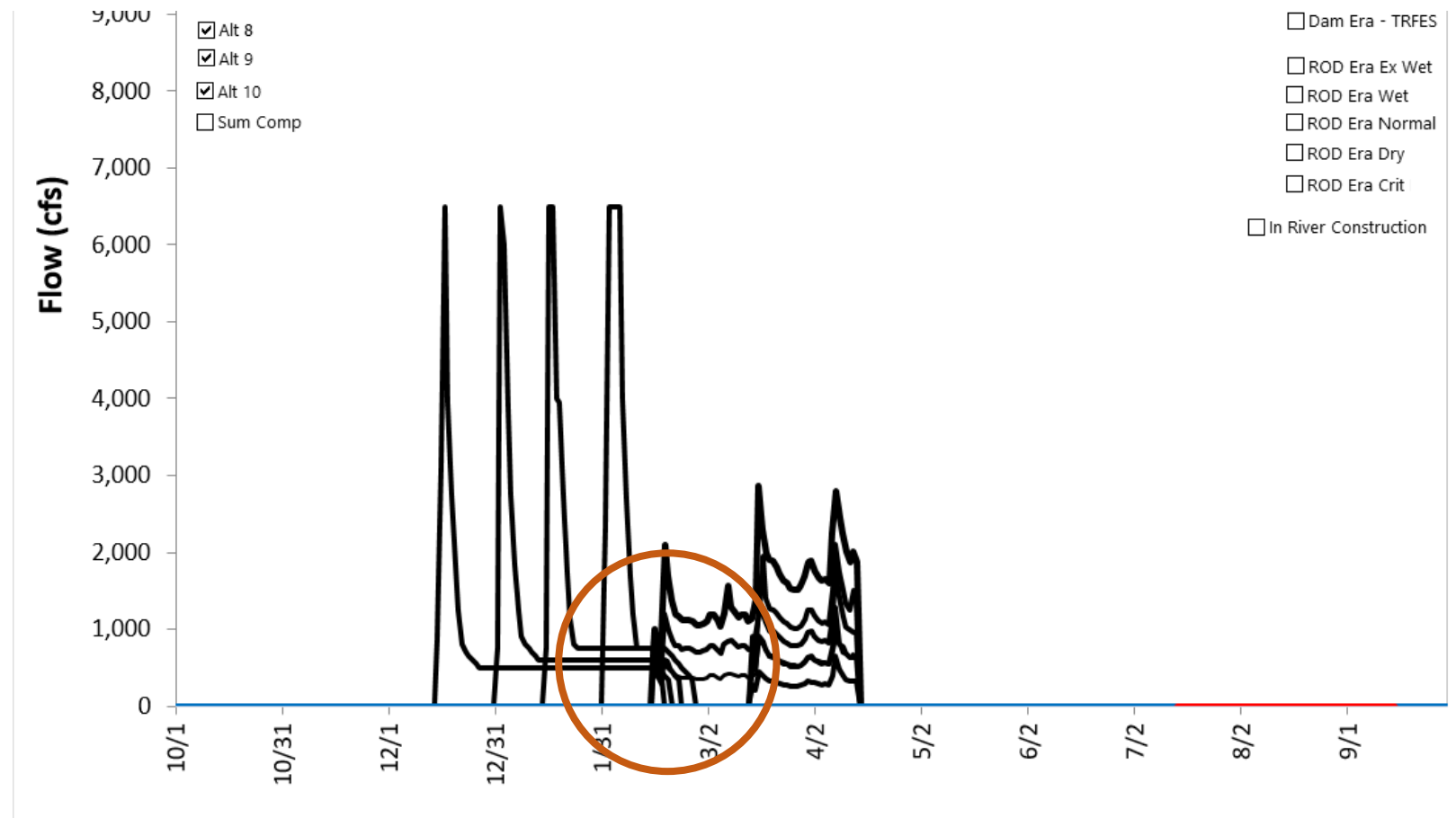
- Includes a social media campaign, public meetings in Lewiston and Junction City, and a Board of Supervisors presentation

Brief Review of the Winter Flow Action

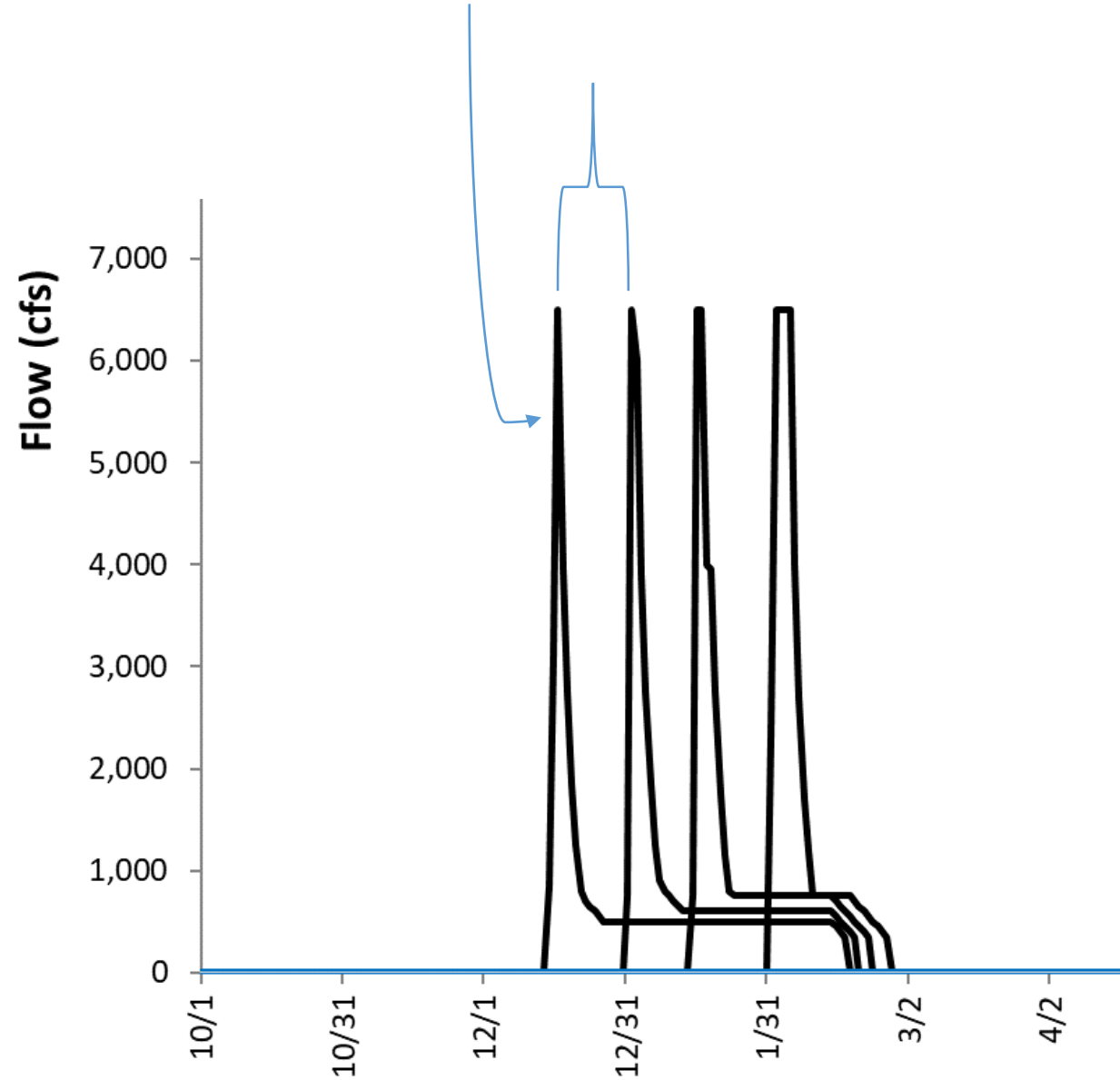


Alternative Synchronization Peaks

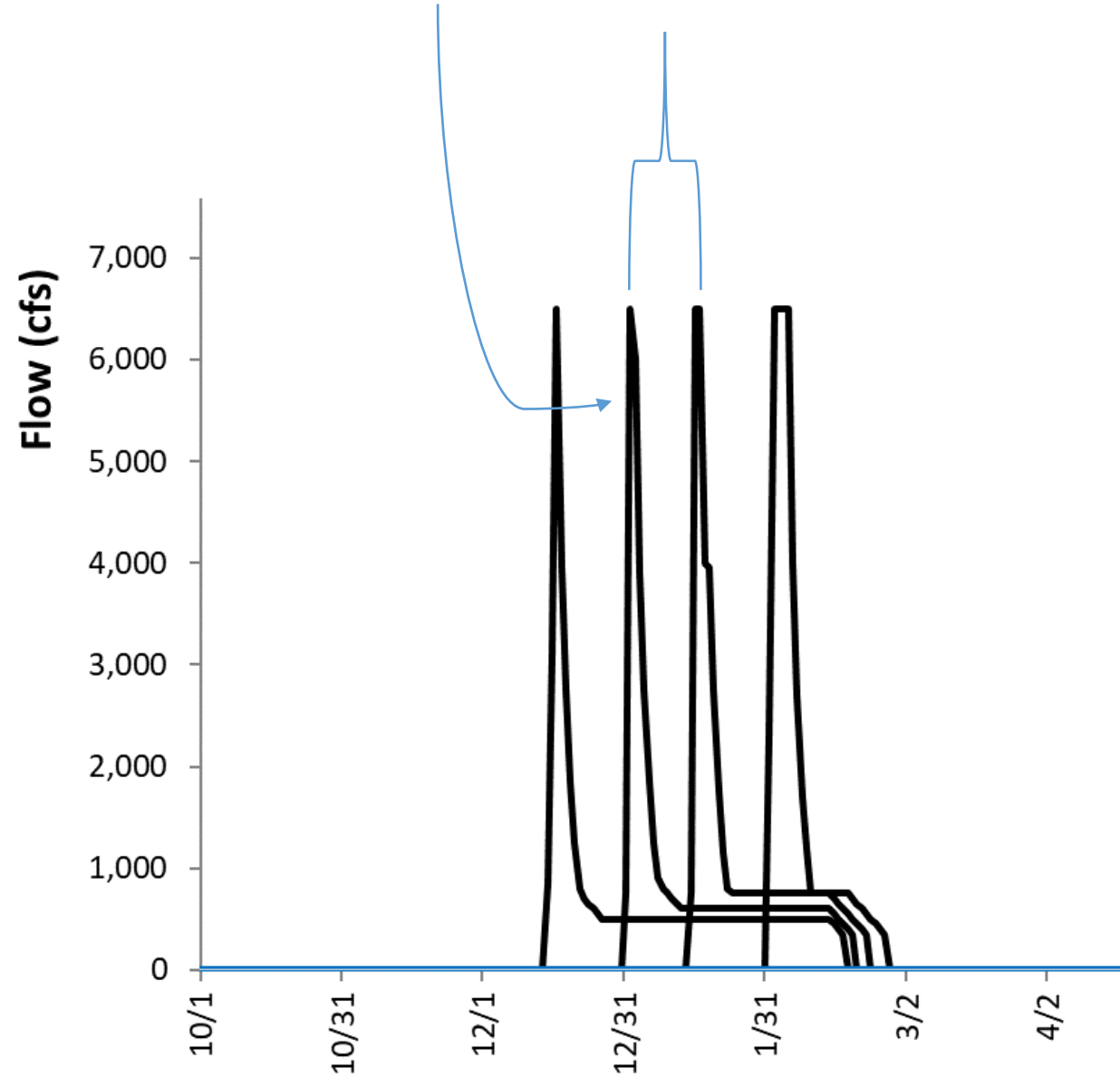
- Tailored to 2-week periods based on timing of synchronization event
- Elevated baseflow components were tailored to move peaks away from weekends
- Chance of overlap between flow sync period and elevated baseflow period (not exclusive to the alternative peaks approach)



15-31 December

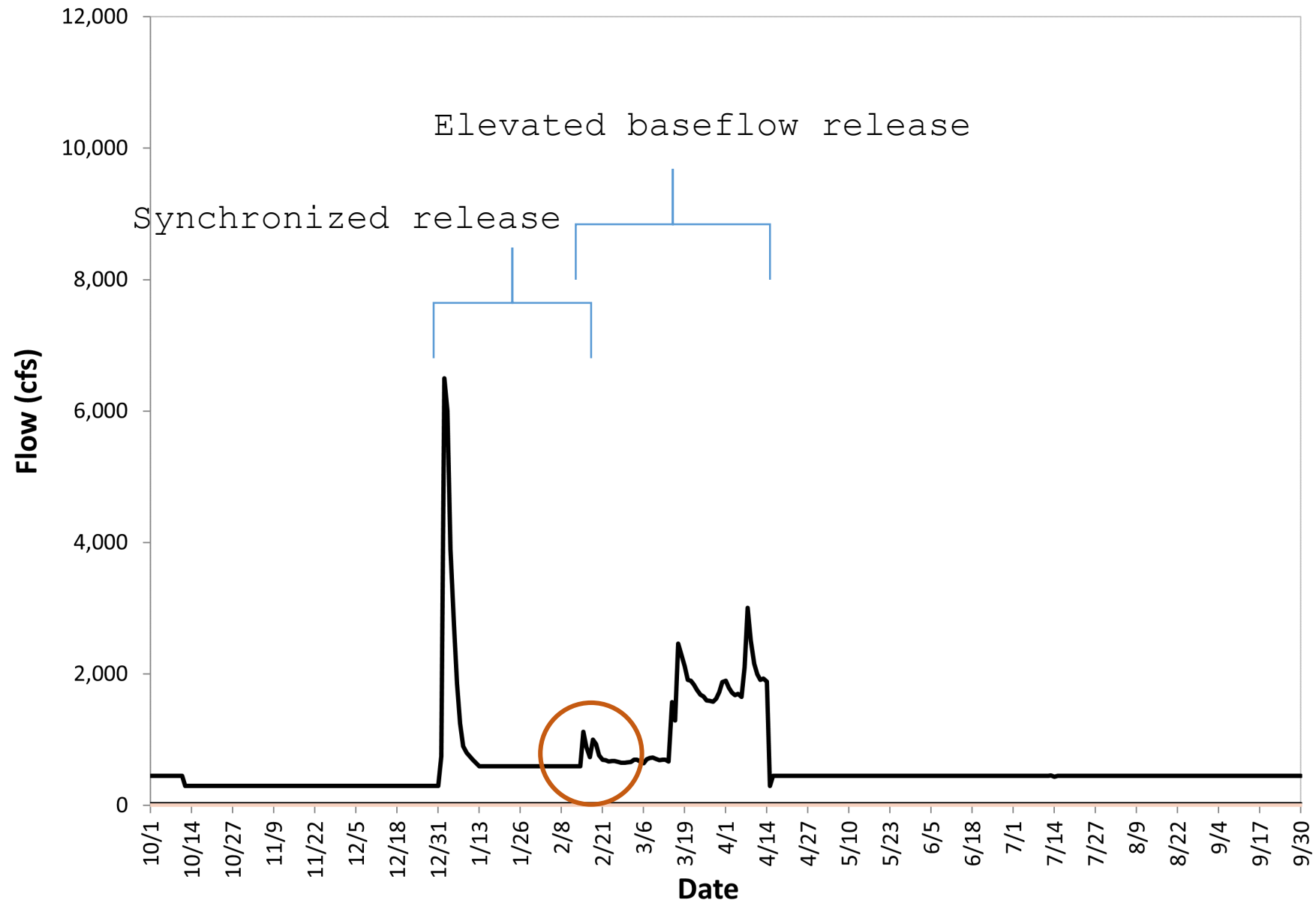


1-15 January

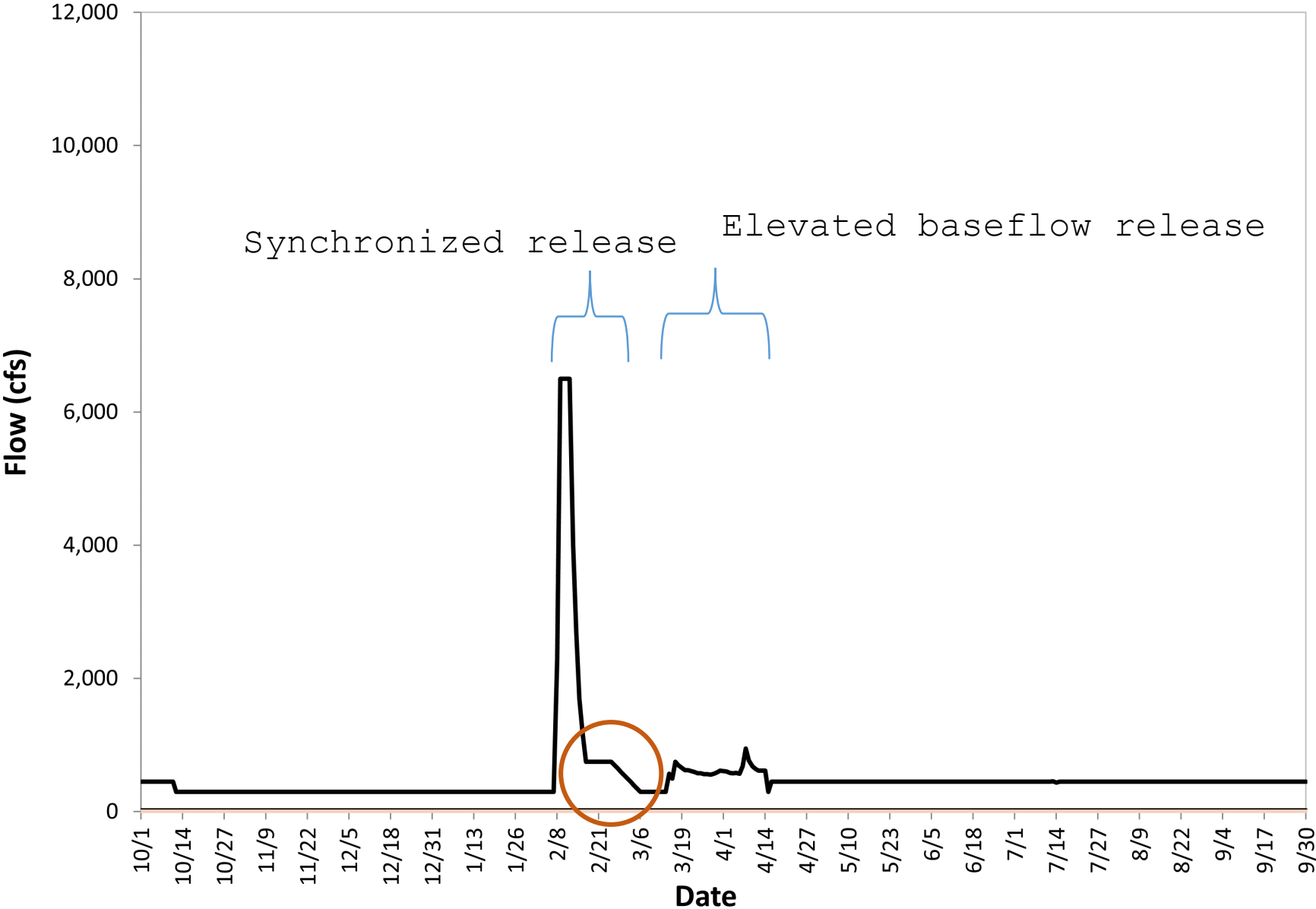


2006

Trinity River Restoration Program - WY2022 Flow Scheduler



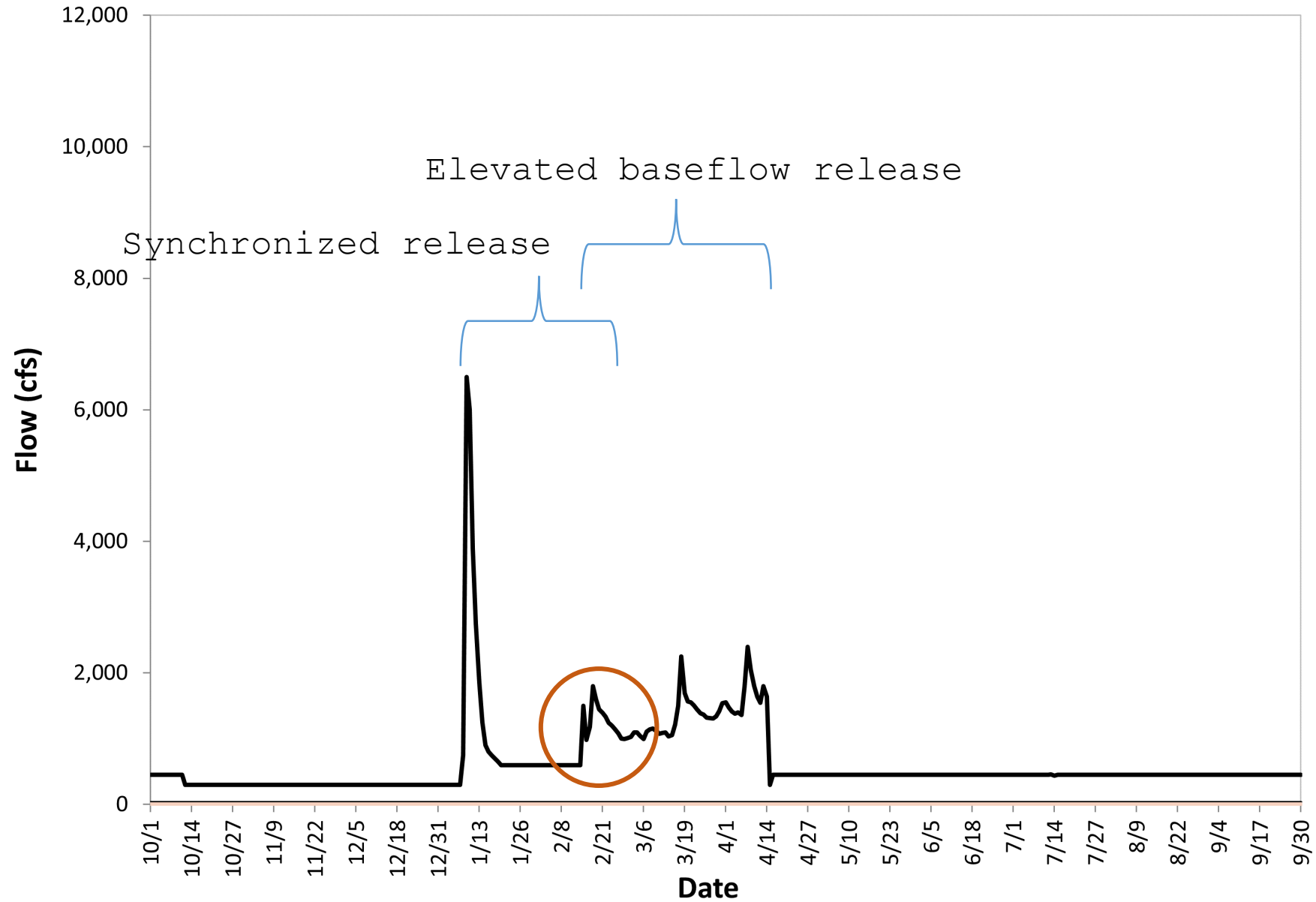
Trinity River Restoration Program - WY2022 Flow Scheduler



2015



Trinity River Restoration Program - WY2022 Flow Scheduler



2017



Flow Work Group WY2025 recommendation

1. Implement Winter Flow Variability with accommodations made to meet Trinity County's requests as presented
2. Implementation of typical spring snowmelt hydrograph, TBD come March

Questions?

