

Northern Wasco County PUD

Fish Condition Weekly Report #23-14

0800 Wednesday, July 5, 2023 - 0800 Thursday, July 6, 2023.

Project Biologist: Rick Martinson

Section 1. Comments

The sample period was moved for the holiday.

A complete 24 hour sample was collected this week resulting in a single subyearling Chinook mortality found on the concrete outside the tank.

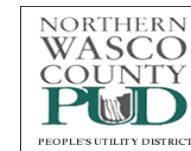
The net barriers were up so I'm not sure how it escaped.

Debris was moderate, river flow about the same but water temperature shot up to 69.1⁰F, up from 65⁰F last week.

The transparent shad larvae arrived this week, numbering in the hundreds. Tiny small mouth bass were also present.

Section 2. River Conditions (for the 24 hour sample period)

	River Flow	Powerhouse	Spill		Forebay	River Temp (°F)
			Kcfs	% of River		
This Week	140.4	78.7	56.0	39.9	158.8	69.1
Last Week	144.9	81.8	57.3	39.6	158.7	65.0



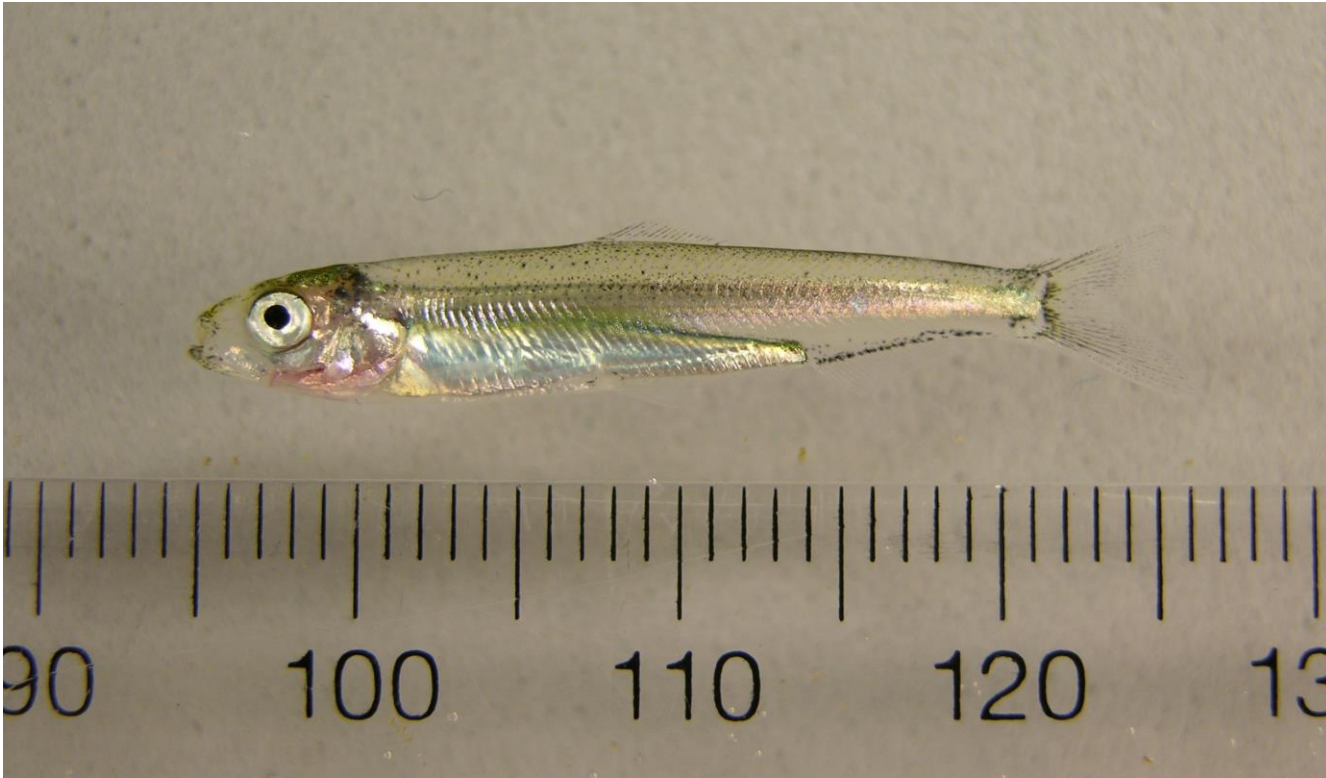
Section 3. Sample Numbers

Date	Yearling Chinook				Subyearling Chinook						Steelhead										Coho				Sockeye				Total- All Species
	Good	Desc	Mort	Total	Non Fry			Chinook Fry		Total Chin 0	Unclipped			Clipped			Total Sthd								Total				
					Good	Desc	Mort	Good	Mort		Good	Desc	Mort	Good	Desc	Mort		Good	Desc	Mort	Good	Desc	Mort	Good		Desc	Mort		
4/5/23	1			1				1,988	22	2,010						0				0				0	2,011				
4/12/23	20			20				2,931	33	2,964						0	1			1				0	2,985				
4/19/23	13		1	14				1,390	7	1,397				2		2	1			1				0	1,414				
4/26/23	8			8				1,011	1	1,012						0			1	1				0	1,021				
5/3/23	4	1		5				252	1	253	1		1	1		3	11			11				0	272				
5/10/23	18		1	19	2			146		148	1				1	2	8		1	9				0	178				
5/17/23	18	1		19	4			79		83						0	2			2	1			1	105				
5/24/23	3			3	11			147		158						0	1			1				0	162				
5/31/23	2			2	2			38	4	44						0				0				0	46				
6/7/23	2			2	5			50	4	59						0				0				0	61				
6/13/23				0	8		3			11						0			1	1				0	12				
6/21/23				0	2					2						0				0				0	2				
6/28/23				0	1					1						0				0				0	1				
7/6/23				0			1			1						0				0				0	1				
7/13/23				0						0						0				0				0	0				
7/20/23				0						0						0				0				0	0				
7/27/23				0						0						0				0				0	0				
Season Total	89	2	2	93	35	0	4	8,032	72	8,143	2	0	1	3	0	7	24	0	3	27	1	0	0	1	8,271				

[illegible]

No injuries to report.

Section 6. Pictures



American shad (*Alosa sapidissima*) larvae/juvenile age, similar to the one pictured above, showed up in large quantities this week.
Photo courtesy of Greg Kovalchuck, Biologist, PSMFC