

# Creel Survey

July 15, 2013

Contributed by Joe Hymer

## Salmon/Steelhead

**Cowlitz River** – 57 boat anglers with 17 steelhead kept. 53 bank anglers kept 5 adult and 3 mini jack spring Chinook and 5 steelhead plus released 2 mini jacks. All the fish were sampled between the hatcheries.

Last week Tacoma Power recovered 308 summer-run steelhead, 210 spring Chinook adults, 22 jacks, 484 mini-jacks, three sockeye and one chum salmon during five days of operations at the Cowlitz Salmon Hatchery separator.

During the past week Tacoma Power employees released 42 spring Chinook adults and seven jacks into Lake Scanewa above Cowlitz Falls Dam, 67 spring Chinook adults and nine jacks into the Cispus River above the mouth of Yellow Jacket Creek, and 535 spring Chinook mini-jacks into Riffe Lake at Mossyrock Park while the sockeye and chum salmon were released back into the lower Cowlitz River.

River flows at Mayfield Dam are approximately 3,490 cubic feet per second on Monday, July 15. Water visibility is 15 feet.

**Lewis River** – On the mainstem, 5 boat anglers kept 1 steelhead and released 1. On the North Fork, 4 boat anglers kept 3 steelhead.

**Drano Lake** – 4 boat anglers had no catch. Only a couple boats here early Sunday afternoon.

**Lower Columbia below Bonneville Dam** – Effort and steelhead catch are increasing though more wild than hatchery steelhead were found in the sample last week. Last week we sampled 2,575 salmonid anglers (including 402 boats) with 792 steelhead, 20 adult and 9 jack summer Chinook, and 20 sockeye. Only 321 (41%) of the steelhead were kept; 469 wild fish were found in the unexpanded sample. 5 (56%) of the jack Chinook were kept. Of the adult Chinook released, 15 (75%) were wild and 5 were hatchery origin. Five (25%) of the sockeye were kept.

216 boats and nearly 600 bank anglers were counted during last Saturday's (July 13) effort flight count. Over 500 of the bank anglers were found on the Washington side.

**Bonneville Pool** – A few boats at the mouth of the Washington tributaries but no catch was observed.

**The Dalles Pool** – Bank anglers are starting to catch some steelhead.

**Hatchery summer steelhead returns to lower Columbia traps are lower compared to the same time last year:**

<u>River</u>	<u>2012</u>	<u>2013</u>
<b>Cowlitz</b>	<b>2,733</b>	<b>1,172</b>
<b>Kalama</b>	<b>157</b>	<b>144</b>
<b>Lewis</b>	<b>1,423</b>	<b>512</b>
<b>Washougal</b>	<b>1,056</b>	<b>394</b>

## Sturgeon

**Lower Columbia below Bonneville Dam from the marker 82 deadline downstream** – Last week we sampled 12 sturgeon boat anglers (5 boats) with no legals released.

**The Dalles Pool** – Bank anglers are catching some legals. Slow for legal size fish for boat anglers.

## **Walleye and Bass**

**Lower Columbia below Bonneville Dam** – Boat anglers from Vancouver upstream are catching some walleye.

**The Dalles Pool** – Including fish released, boat anglers averaged a walleye and 3.6 bass per rod. Bank anglers are catching some bass.

## **Trout**

**Recent trout plants include:**

Council Lake – 2,955 nearly half-pound rainbows July 8.

## **Shad**

**Lower Columbia mainstem below Bonneville Dam** – Last week we sampled one lonely shad boat angler with 8 shad kept.

Monthly Sturgeon Harvest estimates:								Totals:	%	As of	Guidelines:
	Jan	Feb	Mar	Apr	May	Jun					
Bonneville <sup>1</sup>	102	233	---	---	---	682	1,017	92.5%	Jun. 22	1,100	
The Dalles	9	32	13	8	7		69	23.0%	Jun. 30	300	
John Day <sup>2</sup>	35	36	61	65	14	296	507	101.4%	Jun. 29	500	

<sup>1</sup> Bonneville Pool closed to retention effective June 22.

<sup>2</sup> John Day Pool closed to retention effective June 29.

Harvest estimates are calculated monthly. All in-season estimates are preliminary.

Current month sampled sturgeon kept:									
	Jan	Feb	Mar	Apr	May	Jun			
Bonneville	28	64	---	---	---	187	279	14-Jul	
The Dalles	2	5	6	1	1	2	17	14-Jul	
John Day	6	13	22	12	1	41	95	14-Jul	

Samplers generally observe from 10% - 25% of total harvest.

### WDFW Mid-Columbia River mainstem sport sampling summary <sup>1</sup>

July 8 - 14, 2013

The following table is a summary of numbers of fish observed by samplers.

Samplers generally observe from 10% - 25% of total harvest.

Sturgeon																
Reservoir	Bank Anglers	Subs	Leg Rel	Leg Kept	Over-size	2013 Cum Leg Kept	Boats	Boat Anglers	Subs	Leg Rel	Leg Kept	Over-size	2013 Cum Leg Kept	Combined Leg Kept		
Bonneville Pool						24							255	279		
The Dalles Pool	26	20		1		4	5	11	56			2	14	18		
John Day Pool						4							91	95		
Total	26	20		1		32	5	11	56			2	360	392		
Salmonids																
Reservoir	Bank Anglers	Wild Kept	Wild Rel	Hat Kept	Hat Rel	2013 Cum Leg Kept	Boats	Boat Anglers	Wild Kept	Wild Rel	Hat Kept	Hat Rel	2013 Cum Leg Kept	Combined Leg Kept	Jacks Kept Week	Jacks Kept Cum
Bonneville Pool									7				1	1		
Chinook													1	1		
Coho																
Sockeye																
Steelhead																
The Dalles Pool	23		1			62	1	2					17	79		10
Chinook						58							15	73		10
Coho						1								1		
Sockeye																
Steelhead			1			3							2	5		
John Day Pool						13							12	25		4
Chinook						11							6	17		4
Coho						1								1		
Sockeye																
Steelhead						1							6	7		
Walleye																
Reservoir	Bank Anglers	Rel	Leg Kept			2013 Cum Leg Kept	Boats	Boat Anglers	Rel	Leg Kept			2013 Cum Leg Kept			
Bonneville Pool													5	5		
The Dalles Pool						12	8	13	6	6			201	213		
John Day Pool						4							314	318		
Bass																
Reservoir	Bank Anglers	Rel	Leg Kept			2013 Cum Leg Kept	Boats	Boat Anglers	Rel	Leg Kept			2013 Cum Leg Kept			
Bonneville Pool													2	2		
The Dalles Pool	1	3				25	5	14	42	9			134	159		
John Day Pool						82							188	270		

<sup>1</sup> Quantities include both Washington and Oregon samples.

		Sturgeon	Salmonids	Walleye	Bass
Bonneville	Effort (as a % of 6-week average)	none	none	none	none
	Catch Per Unit Effort	none	none	none	none
	Harvest Per Unit Effort	none	none	none	none
The Dalles	Effort (as a % of 6-week average)	176%	167%	181%	474%
	Catch Per Unit Effort	2.14	0.04	0.92	3.60
	Harvest Per Unit Effort	0.03	none	0.46	0.60
John Day	Effort (as a % of 6-week average)	none	none	none	none
	Catch Per Unit Effort	none	none	none	none
	Harvest Per Unit Effort	none	none	none	none

10:00 AM

Month/Week	Salmonid											#	Boat	Kept	Chinook					Steelhead	Other	
	Bank	Kept		Released			Sockeye		Steelhead		Jacks				Released		Sockeye					
July 8-14	Sec.	Anglers	Adults	Jacks	Adults	Jacks	Kept	Rel.	Kept	Rel.	Other	Boats	Anglers	Adults	Jacks	Adults	Jacks	Kept	Rel.	Kept	Rel.	Other
Bonneville	1	112	CLOSED	1	2	1	0	1	4	18	0	3	6	CLOSED	0	3	0	0	0	0	2	0
Camas/Washougal	2	53	CLOSED	0	0	0	1	0	1	5	0	20	34	CLOSED	0	0	0	0	0	0	0	0
	3	38	CLOSED	1	0	0	0	0	3	3	0	11	22	CLOSED	0	2	0	0	0	0	2	0
Vancouver	4	260	CLOSED	2	2	0	1	1	24	28	0	51	107	CLOSED	0	1	1	1	0	4	22	0
Woodland	5	228	CLOSED	0	0	0	0	1	12	24	0	51	141	CLOSED	0	2	1	0	0	10	22	0
Kalama	6	298	CLOSED	0	1	0	0	1	23	39	0	50	106	CLOSED	0	0	0	0	0	4	13	0
Cowlitz	7		CLOSED				0					2	6	CLOSED	0	0	0	0	0	3	5	0
Longview	8	404	CLOSED	0	0	0	0	1	30	41	0	128	293	CLOSED	0	3	0	0	7	56	77	0
Cathlamet	9	151	CLOSED	0	2	1	0	0	18	20	0	52	137	CLOSED	1	0	0	1	0	61	52	0
Washington	10	81	CLOSED	0	0	0	1	0	17	9	0	34	82	CLOSED	0	2	0	0	3	43	86	0
Oregon bank	10	16	CLOSED	0	0	0	0	0	8	3	0			CLOSED				0				
<b>Total</b>		1641	CLOSED	4	7	2	3	5	140	190	0	402	934	CLOSED	1	13	2	2	10	181	281	

	Sturgeon											#	Boat	Sublegals	Legals	Oversize	Legals
	Bank	Sublegals	Legals	Oversize	Legals	Kept	Boats	Anglers	Sublegals	Legals	Oversize						
	Sec.	Anglers	Rel.	Rel.	Rel.	Kept	Boats	Anglers	Sublegals	Rel.	Rel.	Rel.	Kept				
Bonneville	1					CLOSED							CLOSED				
Camas/Washougal	2					CLOSED							CLOSED				
	3					CLOSED	2	6	3	0	0		CLOSED				
Vancouver	4					CLOSED							CLOSED				
Woodland	5					CLOSED							CLOSED				
Kalama	6					CLOSED	1	2	0	0	0		CLOSED				
Cowlitz	7					CLOSED							CLOSED				
Longview	8					CLOSED	2	4	5	0	0		CLOSED				
Cathlamet	9					CLOSED							CLOSED				
Cathlamet	10					CLOSED							CLOSED				
Deep River + Knappton boats	10					CLOSED							CLOSED				
Knappton-Chinook bank	10					CLOSED							CLOSED				
<b>Total</b>		0	0	0	0	CLOSED	5	12	8	0	0		CLOSED				

	Shad				#	Boat	Kept	Rel.
	Bank	Kept	Rel.	Rel.				
	Sec.	Anglers	Kept	Rel.	Boats	Anglers	Kept	Rel.
Bonneville	1							
Camas/Washougal	2							
	3							
Vancouver	4							
Woodland	5							
Kalama	6				1	1	8	0
Cowlitz	7							
Longview	8							
Cathlamet	9							
Chinook/Elochoman	10							
<b>Total</b>		0	0	0	1	1	8	0

	Walleye				#	Boat	Kept	Rel.
	Bank	Kept	Rel.	Rel.				
	Sec.	Anglers	Kept	Rel.	Boats	Anglers	Kept	Rel.
Bonneville	1							
Camas/Washougal	2				8	11	3	2
	3				1	1	0	0
Vancouver	4				1	2	10	1
Woodland	5							
Kalama	6				1	3	0	0
Cowlitz	7							
Longview	8							
Cathlamet	9							
Chinook/Elochoman	10							
<b>Total</b>		0	0	0	11	17	13	3