

Vaki Riverwatcher 2010-2011
(03/01/10-09/26/11)

		M	A	M	J	J	A	S	O	N	D	J	F	subtotal	total YTD	M	A	M	J	J	A	S	O	N	D	J	F	subtotal	total YTD	
O.tshawytscha	N	6	8	53	856	77	93	208	951	143	97	18	16	2526	3590	0	0	0	7	17	259	673						956	1559	
	S	2	0	0	34	117	8	143	725	29	3	2	1	1064		0	0	0	9	8	311	275						603		
Ad-clip	N	7	1	150	1383	58	49	180	142	43	43	5	4	2065	2496	4	0	0	5	20	97	203							329	550
	S	0	0	0	86	109	0	99	132	3	2	0	0	431		0	0	0	2	3	121	95						221		
Ad-undet.	N	0	0	3	53	11	4	13	29	0	-11	5	1	108	155	0	0	0	0	0	10	11							21	44
	S	0	0	0	8	6	0	12	19	0	2	0	0	47		0	0	0	0	0	19	4						23		
Total	N	13	9	206	2292	146	146	401	1122	186	129	28	21	4699	6241	4	0	0	12	37	366	887							1306	2153
	S	2	0	0	128	232	8	254	876	32	7	2	1	1542		0	0	0	11	11	451	374						847		
O.mykiss	N	22	15	7	7	15	6	10	26	2	10	70	54	244	315	28	230	45	13	21	4	13							354	1023
	S	0	0	0	0	0	0	3	13	4	24	18	9	71		38	527	40	36	12	7	9						669		
Ad-clip	N	4	40	4	2	2	2	10	17	17	36	31	81	246	383	82	129	93	63	66	64	63							560	843
	S	0	0	0	0	0	0	1	12	0	22	36	66	137		7	239	16	14	2	3	2						283		
Ad-undet.	N	1	1	1	3	2	0	3	6	3	135	80	44	279	390	66	6	0	10	3	5	6							96	185
	S	4	0	0	1	0	0	0	3	3	102	-24	22	111		75	7	3	3	1	0	0						89		
Unk. salmonid	N	0	0	0	0	0	-1	0	2	29	2	0	0	32	40	0	0	0	0	0	0	3						3	3	
	S	1	0	1	0	2	0	0	1	0	0	0	3	8		0	0	0	0	0	0	0						0		
S. pikeminnow	N	26	116	85	43	10	15	11	1	0	0	2	6	315	348	30	125	86	126	11	29	15						422	658	
	S	0	6	4	16	4	0	0	1	1	0	0	1	33		4	73	81	60	11	7	0						236		
S. sucker	N	187	212	48	45	43	16	29	14	1	0	8	83	686	1092	340	508	201	27	42	114	68						1300	2740	
	S	131	202	15	16	6	0	9	9	0	3	4	11	406		258	30	781	220	107	44	0						1440		
Hardhead	N	0	7	18	10	2	3	0	1	0	0	1	1	43	43	0	3	8	7	4	5	3						30	53	
	S	0	0	0	0	0	0	0	0	0	0	0	0	0		1	1	7	10	4	0	0					23			
A. Shad	N	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	69	29	-2	0						96	104	
	S	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	5	3	0	0					8			
O.gorbuscha	N	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2						3	3	
	S	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0					0			
L. mouth bass	N	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9	0	0						9	9	
	S	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0					0			
Striped bass	N	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0						0	1	
	S	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	1	0	0					1			
Lamprey	N	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0						0	1	
	S	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	1	0	0	0					1			
Unident. (TL<35cm)	N	-20	-14	-3	-7	3	-2	5	-3	8	-67	72	-2	-30	459	31	-345	-322	-159	-6	0	-3						-804	-645	
	S	55	57	0	6	0	0	21	14	9	17	65	245	489		184	-15	-3	3	-6	-4	0					159			
Unident. (TL≥35cm)	N	0	0	0	4	0	0	-1	1	0	0	0	0	4	6	-1	-2	0	0	0	1	1					-1	0		
	S	0	0	0	0	0	0	2	0	0	0	0	0	2		1	0	0	0	0	0	0					1			
Mean % Op.	N	100	99	100	100	100	100	100	100	100	100	100	100	100	95	98	100	100	87	100	100	100						98	99	
	S	100	83	100	100	100	13	99	100	100	91	91	99	90		97	100	100	100	100	100	100						100		

Biological Sampling (Narrows Pool to DPD)

Survey Week	Fresh Carcasses Observed	Ad-clips Observed	Female Carcasses Observed	Unspawned Females Observed
9/19/2011	0	0	0	0
9/26/2011	4	2	4	3
10/3/2011				
10/10/2011				
10/17/2011				
Totals:	4	2	4	3

Modified CJS Mark-Recapture (DPD to Simpson Lane Bridge)

Survey Week	Marked Carcass Total	Marked Carcass Recoveries	Dead on Capture (decomposed)	Female Carcass Total	Unspawned Total
9/19/2011	1	0	0	1	0
9/26/2011	3	0	1	0	0
10/3/2011					
10/10/2011					
10/17/2011					
Totals:	4	0	1	1	0

Redd Survey

Survey Week	Englebright Reach*	Timbuctoo Reach	Parks Bar Reach	Dry Creek Reach	DPD Reach	Hallwood Reach	Marysville Reach
9/12/2011	0						
9/19/2011	0	7	1	0	2	0	0
9/26/2011	8						
10/3/2011							
10/10/2011							
10/17/2011							

*USACE EDR redd survey methods specify a weekly sampling frequency. All other reaches surveyed every third week of Sep, Oct, Nov and Dec.