

# Vaki Riverwatcher 2011-2012

(03/01/11-10/29/12)

		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	0	0	0	7	17	259	929	2191	516	49	138	15	4121	5837	2	0	50	88	86	101	750	1804					2881	3785
	S	0	0	0	9	8	324	51	1195	79	23	18	9	1716		0	0	20	83	23	28	224	526					904	
Ad-clip	N	8	0	0	5	21	97	276	529	172	60	13	0	1181	1733	1	2	118	154	9	17	155	386					842	1190
	S	0	0	0	3	4	127	117	244	24	28	5	0	552		0	0	45	128	1	1	61	112					348	
Ad-undet.	N	0	0	0	0	0	10	15	36	7	11	19	1	99	151	0	0	2	1	3	0	25	31					62	79
	S	1	0	0	0	0	19	4	26	-1	0	3	0	52		1	0	4	2	0	1	4	5					17	
<b>Total</b>	N	8	0	0	12	38	366	1220	2756	695	120	170	16	5401	7721	3	2	170	243	98	118	930	2221					3785	5054
	S	1	0	0	12	12	470	172	1465	102	51	26	9	2320		1	0	69	213	24	30	289	643					1269	
O.mykiss	N	28	230	45	13	21	4	19	27	1	4	11	4	407	1121	12	11	14	13	10	6	21	26					113	218
	S	38	527	40	36	12	7	13	24	3	0	7	7	714		8	17	16	7	18	4	14	21					105	
Ad-clip	N	82	129	93	63	66	64	77	95	11	15	43	14	752	1150	6	5	10	8	1	1	10	12					53	77
	S	7	239	16	14	2	3	3	27	9	8	57	13	398		5	1	4	1	1	0	4	8					24	
Ad-undet.	N	66	6	0	10	3	5	7	4	1	0	2	1	105	215	8	6	2	1	1	0	0	0					18	37
	S	75	7	3	3	1	0	0	0	1	1	17	2	110		5	12	0	0	1	0	1	0					19	
Unk. salmonid	N	0	0	0	0	0	0	3	6	0	2	1	1	13	19	3	0	1	1	2	0	5	1					13	17
	S	0	0	0	0	0	0	3	0	0	3	0	0	6		0	0	1	1	0	0	1	1					4	
S. pikeminnow	N	30	125	86	126	11	29	15	6	2	0	0	2	432	669	28	79	62	10	3	3	0	0					185	274
	S	4	73	81	60	11	7	0	1	0	0	0	0	237		6	31	41	2	6	2	1	0					89	
S. sucker	N	340	508	201	27	42	114	71	55	3	0	5	6	1372	2814	177	158	146	16	15	2	6	0					520	1314
	S	258	30	781	220	107	44	0	1	0	0	1	0	1442		185	496	97	6	9	1	0	0					794	
Hardhead	N	0	3	8	7	4	5	3	1	0	0	0	0	31	54	0	4	19	2	0	0	0	0					25	44
	S	1	1	7	10	4	0	0	0	0	0	0	0	23		0	3	15	0	1	0	0	0					19	
A. Shad	N	0	0	0	69	29	-2	0	0	0	0	0	0	96	104	0	0	6	27	2	0	0	0					35	36
	S	0	0	0	5	3	0	0	0	0	0	0	0	8		0	0	0	1	0	0	0	0					1	
O.gorbuscha	N	0	0	0	0	0	1	2	1	0	0	0	0	4	4	0	0	0	0	0	0	0	0					0	0
	S	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0					0	
Brown Trout	N	0	0	0	0	0	0	1	1	0	0	0	0	2	5	0	0	0	0	1	0	0	0					1	2
	S	0	0	0	0	0	0	1	2	0	0	0	0	3		0	0	0	0	0	0	0	1					1	
Striped bass	N	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0					0	0
	S	0	0	0	0	1	0	0	0	0	0	0	0	1		0	0	0	0	0	0	0	0					0	
O. nerka	N	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	2	0					2	2
	S	0	0	0	1	0	0	0	0	0	0	0	0	1		0	0	0	0	0	0	0	0					0	
Unident. (TL<35cm)	N	31	-345	-322	-159	-6	0	-4	-3	-7	-4	1	137	-681	-501	5	-67	-5	3	8	0	3	6					-47	123
	S	184	-15	-3	3	-6	-4	-1	1	-1	-1	23	0	180		119	49	-1	0	1	1	1	0					170	
Unident. (TL≥35cm)	N	-1	-2	0	0	0	1	1	2	-2	0	0	0	-1	0	0	0	0	0	0	0	2	0					2	2
	S	1	0	0	0	0	0	0	0	0	0	0	0	1		0	0	0	0	0	0	0	0					0	
Mean % Op.	N	98	100	100	87	100	100	100	100	100	100	100	100	99	99	100	100	100	100	100	100	100	100					100	100
	S	97	100	100	100	100	100	100	100	100	100	100	100	100		100	100	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
09/10/2012	0	0	0	0
09/17/2012	0	0	0	0
09/24/2012	8	3	4	1
10/01/2012	23	14	6	1
10/08/2012	61	17	32	2
10/15/2012	67	19	36	1
10/22/2012	88	11	58	0
10/29/2012	63	4	40	4
Totals	243	49	174	8

### Modified CJS Mark-Recapture (DPD to Mouth)

Survey Week	Marked Carcass Total	Marked Carcass Recoveries	Dead on Capture	Female Carcass Total	Unspawned Total
09/10/2012	0	0	0	0	0
09/17/2012	0	0	0	0	0
09/24/2012	0	0	0	0	0
10/01/2012	0	0	1	0	0
10/08/2012	4	0	1	0	0
10/15/2012	21	0	3	9	5
10/22/2012	54	5	14	10	0
10/29/2012	88	17	12	30	4
Totals	146	22	28	49	9