

Willow Creek Weir trapping summary for the 2009 season. 1/

Julian week	Inclusive dates	Trap days	Chinook						Coho						Steelhead					
			Grilse 2/		Adults		Combined		Grilse 2/		Adults		Combined		1/2 lbers 2/		Adults		Combined	
			Total	Ads 3/	Total	Ads 3/	Total	Ads 3/	Total	RMs 3/	Total	RMs 3/	Total	RMs 3/	Total	Ads 3/	Total	Ads 3/	Total	Ads 3/
34	20-Aug -- 26-Aug				0	0						0	0					0	0	
35	27-Aug -- 2-Sep				0	0						0	0					0	0	
36	3-Sep -- 9-Sep				0	0						0	0					0	0	
37	10-Sep -- 16-Sep				0	0						0	0					0	0	
38	17-Sep -- 23-Sep				0	0						0	0					0	0	
39	24-Sep -- 30-Sep				0	0						0	0					0	0	
40	1-Oct -- 7-Oct				0	0						0	0					0	0	
41	8-Oct -- 14-Oct				0	0						0	0					0	0	
42	15-Oct -- 21-Oct				0	0						0	0					0	0	
43	22-Oct -- 28-Oct				0	0						0	0					0	0	
44	29-Oct -- 4-Nov				0	0						0	0					0	0	
45	5-Nov -- 11-Nov				0	0						0	0					0	0	
46	12-Nov -- 18-Nov				0	0						0	0					0	0	
47	19-Nov -- 25-Nov				0	0						0	0					0	0	
2009 Season Totals:		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

2008 season comparables: 4/

Notes:

1/ Summary based on real time unedited data. Not to be used for analysis.

2/ Provisionally, Chinook and coho grilse are < 56 cm, FL. Steelhead <42 cm, FL are considered half-pounders.

3/ Ads denote adipose fin-clipped fish; RMs denote right maxillary clipped fish. Both clip counts are a subset of the total shown.

4/ Trapping at Willow Creek Weir began 8/21 in 2007 and 8/20 in 2008.

Junction City Weir trapping summary for the 2009 season. 1/

Julian week	Inclusive dates	Trap days	Chinook						Coho						Steelhead						Brown trout			
			Grilse 2/		Adults		Combined		Grilse 2/		Adults		Combined		1/2 lbers 2/		Adults		Combined		<42 cm	>41 cm	total	
			Total	Ads 3/	Total	Ads 3/	Total	Ads 3/	Total	RMs 3/	Total	RMs 3/	Total	RMs 3/	Total	Ads 3/	Total	Ads 3/	Total	Ads 3/				
24	11-Jun -- 17-Jun	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
25	18-Jun -- 24-Jun	5	0	0	10	3	10	3	0	0	0	0	0	0	0	0	3	3	3	3	2	25	27	
26	25-Jun -- 1-Jul	5	1	0	44	8	45	8	0	0	0	0	0	0	0	9	2	9	2	0	45	45		
27	2-Jul -- 8-Jul	5	0	0	40	4	40	4	0	0	0	0	0	0	0	14	4	14	4	4	26	30		
28	9-Jul -- 15-Jul	4	0	0	46	7	46	7	0	0	0	0	0	0	0	1	0	1	0	3	8	11		
29	16-Jul -- 22-Jul	4	0	0	33	4	33	4	0	0	0	0	0	0	0	2	2	2	2	3	16	19		
30	23-Jul -- 29-Jul	4	0	0	3	1	3	1	0	0	0	0	0	0	0	4	1	4	1	4	11	15		
31	30-Jul -- 5-Aug	5	0	0	1	1	1	1	0	0	0	0	0	0	0	2	2	2	2	1	5	6		
32	6-Aug -- 12-Aug	4	0	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1		
33	13-Aug -- 19-Aug	4	2	0	22	1	24	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
34	20-Aug -- 26-Aug						0	0					0	0					0	0			0	
35	27-Aug -- 2-Sep						0	0					0	0					0	0			0	
36	3-Sep -- 9-Sep						0	0					0	0					0	0			0	
37	10-Sep -- 16-Sep						0	0					0	0					0	0			0	
38	17-Sep -- 23-Sep						0	0					0	0					0	0			0	
39	24-Sep -- 30-Sep						0	0					0	0					0	0			0	
2009 Season Totals:		41	3	0	201	29	204	29	0	0	0	0	0	0	0	0	0	35	14	35	14	17	138	155
2008 season comparables: 4/		22	21	1	123	16	144	17	0	0	0	0	0	0	0	0	0	28	19	28	19	8	68	76

Notes:

1/ Summary based on real time unedited data. Not to be used for analysis.

2/ Provisionally, Chinook and coho grilse are < 56 cm, FL. Steelhead <42 cm, FL are considered half-pounders.

3/ Ads denote adipose fin-clipped fish; RMs denote right maxillary clipped fish. Both clip counts are a subset of the total shown.

4/ Trapping at Junction City Weir commenced 6/17 in 2009 and 7/16 in 2008.

Trinity River Hatchery trapping summary for the 2009-10 season. 1/

Julian week	Inclusive dates	Chinook						Coho						Steelhead		
		Grilse 2/		Adults		Combined		Grilse 2/		Adults		Combined		Adults		
		Total	Ads 3/	Total	Ads 3/	Total	Ads 3/	Total	RMs 3/	Total	RMs 3/	Total	RMs 3/	Total	Ads 3/	
36	3-Sep -- 9-Sep	18	2	88	24	106	26	0	0	0	0	0	0	0	2	2
37	10-Sep -- 16-Sep	12	3	117	30	129	33	0	0	0	0	0	0	0	1	1
38	17-Sep -- 23-Sep	25	8	693	183	718	191	0	0	0	0	0	0	0	2	2
39	24-Sep -- 30-Sep	30	6	980	205	1,010	211	0	0	0	0	0	0	0	1	1
40	1-Oct -- 7-Oct	20	4	853	189	873	193	0	0	1	1	1	1	0	1	1
41	8-Oct -- 14-Oct	9	0	224	40	233	40	0	0	0	0	0	0	0	0	0
Spring Chinook subtotal:		114	23	2,955	671	3,069	694									
Chinook spawning break																
42	15-Oct -- 21-Oct															
43	22-Oct -- 28-Oct	16	2	313	81	329	83	225	225	309	301	534	526		40	40
44	29-Oct -- 4-Nov	60	19	647	178	707	197	187	185	421	410	608	595		29	28
45	5-Nov -- 11-Nov	45	14	2,108	471	2,153	485	224	223	219	202	443	425		38	38
46	12-Nov -- 18-Nov	16	3	2,436	540	2,452	543	123	123	223	217	346	340		51	51
47	19-Nov -- 25-Nov	9	4	1,512	344	1,521	348	78	78	1,040	1,004	1,118	1,082		44	44
48	26-Nov -- 2-Dec	4	2	217	51	221	53	17	17	95	92	112	109		12	12
49	3-Dec -- 9-Dec	1	1	81	20	82	21	23	23	68	64	91	87		46	46
50	10-Dec -- 16-Dec	0	0	14	6	14	6	9	9	28	24	37	33		7	7
51	17-Dec -- 23-Dec	0	0	8	1	8	1	11	11	42	40	53	51		261	260
52	24-Dec -- 31-Dec	0	0	5	2	5	2	2	2	1	1	3	3		298	297
1	1-Jan -- 7-Jan	0	0	2	0	2	0	3	3	2	2	5	5		374	373
2	8-Jan -- 14-Jan	0	0	0	0	0	0	0	0	0	0	0	0		795	794
3	15-Jan -- 21-Jan	0	0	0	0	0	0	1	1	0	0	1	1		738	736
4	22-Jan -- 28-Jan	0	0	0	0	0	0	0	0	0	0	0	0		456	454
5	29-Jan -- 4-Feb	0	0	0	0	0	0	0	0	0	0	0	0		263	260
6	5-Feb -- 11-Feb	0	0	0	0	0	0	0	0	0	0	0	0		286	286
7	12-Feb -- 18-Feb	0	0	0	0	0	0	0	0	0	0	0	0		218	216
8	19-Feb -- 25-Feb	0	0	0	0	0	0	0	0	0	0	0	0		132	128
9	26-Feb -- 4-Mar	0	0	0	0	0	0	0	0	0	0	0	0		103	103
10	5-Mar -- 11-Mar	0	0	0	0	0	0	0	0	0	0	0	0		53	52
11	12-Mar -- 18-Mar															
Fall Chinook subtotal:		151	45	7,343	1,694	7,494	1,739									
2009 Season Totals: 4/ 5/		265	68	10,298	2,365	10,563	2,433	903	900	2,449	2,358	3,352	3,258		4,251	4,232
2008 season comparables: 6/																
Spring Chinook:		345	59	3,421	730	3,766	789									
Fall Chinook:		750	155	4,498	1,001	5,248	1,156									
Total:		1,095	214	7,919	1,731	9,014	1,945	687	671	4,501	4,139	5,188	4,810		2,495	2,471

Notes:

- 1/ Summary based on real time unedited data. Not to be used for analysis.
- 2/ Provisionally, Chinook and coho grilse are < 56 cm, FL. Steelhead <42 cm, FL are considered half-pounders.
- 3/ Ads denote adipose fin-clipped fish; RMs denote right maxillary clipped fish. Both clip counts are a subset of the total shown.
- 4/ Totals reflect only the numbers of fish which have been processed; fish held for ripening are not included in totals shown.
- 5/ Preliminarily, Chinook processed prior to Julian week 42 are considered spring Chinook, those after Julian week 42 are considered fall Chinook.
- 6/ Comparison of recoveries for the same time periods.

Information page for enclosed trapping summaries

General Information

1. All data are preliminary, are subject to revision, and should be cited as such.
2. Trapping numbers and totals at Junction City and Willow Creek weirs are **not** total population estimates.
3. Fish trapped at the weirs are a sub-sample of the population. These fish are tagged for the purpose of a "mark and recapture" estimator. Population estimates are formulated at the end of each run year.
4. Trinity River Hatchery totals are actual counts reflective of all fish which enter the facility.
5. Tags placed on fish trapped at the weirs are used for population estimates and angler harvest estimates.
6. Fishing is not allowed within 750 feet of the weirs which are marked with signs at the upstream and downstream ends.
7. Fin clip totals (Ad and RM) at the weirs and hatchery are used to estimate the hatchery contributions of fall chinook (Ad clip) and coho (RM clip) are marked at the hatchery prior to release as juveniles. Chinook salmon (AD clip) and coho (RM clip) are marked at the hatchery prior to release as juveniles.
8. Weir installation and removal dates are variable from year to year and are affected by river flow and weather.
9. Previous year totals are not always for the same time periods and should not be used for absolute comparisons.
10. Adult and grilse(jacks) counts are based on provisional cut-off sizes. The actual composition of the population is variable.

Junction City weir

1. This weir is designed to capture and estimate the population of spring Chinook salmon and is typical through September. The weir is "fished" Sunday evening through Friday afternoon. The weir is not used during the winter months.
2. Fall Chinook, steelhead, coho and brown trout are also captured at Junction City weir. We do not attempt to estimate the population of these species at Junction City weir.
3. Chinook salmon are tagged with a "spaghetti tag" which is pvc tubing placed behind the dorsal fin. Fall chinook are tagged with a "floy" tag which is inserted below the dorsal fin. Floy tags are also inscribed with our address.
4. Brown trout and steelhead are tagged with a "floy" tag which is inserted below the dorsal fin. Floy tags are also inscribed with our address.

Willow Creek weir

1. This weir is designed to capture and estimate the population of fall Chinook salmon, coho salmon and steelhead from late August through November (flows permitting). The weir is "fished" Sunday evening through Friday afternoon to allow for fish passage.
2. The tail end of the spring chinook run is captured at Willow Creek, however we do not attempt to estimate the population of these species at Willow Creek weir.
3. All fish deemed in good condition are tagged with spaghetti tags inscribed with our address at Willow Creek weir.

Trinity River Hatchery

1. Hatchery summaries are not always posted on a weekly basis due to the large amount of data collected.
2. All hatchery totals are complete counts of what has entered the facility.
3. Entry dates of fish into the hatchery may differ than recovery dates (spawn processing date and the date of release).
4. There is a break in spawning operations, usually in October, to facilitate separation of spring and fall runs.
5. The hatchery serves as our main recovery point for fish tagged at the two weirs.

ates.

of estimating the population size using what's known as

ates.

downstream ends of the closure.

to each run. Currently, 100% of the steelhead (AD clip)
ip) are marked at a rate of approximately 25% prior to release.
funding levels.

omparisons, note installation date notes for each site.

run is determined post season.

lly operated from June or early July (depending on river flow)
fished on weekends and afternoons to allow fish passage.
tempt make population estimates for these species at

Each tag has a number and is inscribed with our address.
ags are short pieces of tubing inserted into the side of the

rd adult fall-run steelhead and is typically operated from
ay afternoon. The weir is not fished on weekends and

mate this run of Chinook salmon above Willow Creek weir.
/ Creek weir.

ction and entry.

weekly totals we report) since some fish are held for ripening.
l-run Chinook salmon.