

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 estimating the population size using what's known as 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 have entered and been processed at 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 of the closure.
7. Fin clip totals (AD and RM) at the weirs and hatchery are used to estimate the hatchery contributions to each run. Currently, 100% of the steelhead (AD clip) and coho (RM clip) are marked at the hatchery prior to release as juveniles. Chinook salmon (AD clip) are marked at a rate of approximately 25% prior to release.
8. Weir installation and removal dates are variable from year to year and are affected by river flow and funding levels.
9. Previous year totals are not always for the same time periods and should not be used for absolute comparisons, note installation date notes for each site.
10. Adult and grilse(jack) counts are based on provisional cut-off sizes. The actual composition of the run is determined post season.

Junction City weir

1. This weir is designed to capture and estimate the population of spring Chinook salmon and is typically operated from June or early July (depending on river flow) through September. The weir is "fished" Sunday evening through Friday afternoon. The weir is not fished on weekends and afternoons to allow fish passage.
2. Fall Chinook, steelhead, coho and brown trout are also captured at Junction City weir. We do not attempt to make population estimates for these species at Junction City weir.
3. Chinook salmon are tagged with a "spaghetti tag" which is pvc tubing placed behind the dorsal fin. Each tag has a number and is 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 short pieces of tubing inserted into the side of the fish and 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 adult fall-run steelhead and is typically operated from late August through November (flows permitting). The weir is "fished" Sunday evening through Friday afternoon. The weir is not fished on weekends and afternoons 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 this run of Chinook salmon above Willow Creek weir.
3. All fish deemed in good condition at Willow Creek weir are tagged with spaghetti tags inscribed with our address.

Trinity River Hatchery

1. Hatchery summaries are not always posted on a weekly basis due to the large amount of data collection and entry.
2. All hatchery totals are complete counts of what has been processed at the facility.
3. Hatchery totals do not include fish which are being held in on-site ponds for ripening and future spawning.
4. There is a break in spawning operations, usually in October, to facilitate separation of spring and fall-run Chinook salmon.
5. The hatchery serves as our main recovery point for fish tagged at the two weirs.

Willow Creek Weir trapping summary for the 2010 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	5	55	1	133	3	188	4	0	0	0	0	0	0	11	5	72	26	83	31
35	27-Aug -- 2-Sep	5	32	0	109	5	141	5	0	0	0	0	0	0	15	9	64	27	79	36
36	3-Sep -- 9-Sep	5	50	3	95	2	145	5	1	1	1	1	2	2	11	7	76	38	87	45
37	10-Sep -- 16-Sep	5	37	0	89	8	126	8	1	1	4	4	5	5	11	7	27	14	38	21
38	17-Sep -- 23-Sep	5	38	1	95	18	133	19	4	4	16	15	20	19	39	30	280	150	319	180
39	24-Sep -- 30-Sep	5	49	2	139	18	188	20	46	45	226	202	272	247	4	2	130	76	134	78
40	1-Oct -- 7-Oct	5	32	2	165	36	197	38	62	57	266	228	328	285	5	4	69	47	74	51
41	8-Oct -- 14-Oct	5	7	1	56	11	63	12	33	31	239	207	272	238	5	4	98	63	103	67
42	15-Oct -- 21-Oct	5	5	1	106	19	111	20	0	0	11	10	11	10	0	0	6	5	6	5
43	22-Oct -- 28-Oct	1	0	0	7	0	7	0	0	0	0	0	0	0	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
2010 Season Totals:		46	305	11	994	120	1,299	131	147	139	763	667	910	806	101	68	822	446	923	514

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.

Junction City Weir trapping summary for the 2010 season. 1/

Julian week	Inclusive dates	Trap days	Chinook				Coho				Steelhead				Brown trout								
			Grilse 2/		Adults		Combined		Grilse 2/		Adults		1/2 lbers 2/		Adults		Combined		<42 cm	>41 cm	total		
			Total	Ads 3/	Total	Ads 3/	Total	Ads 3/	Total	RM's 3/	Total	RM's 3/	Total	Ads 3/	Total	Ads 3/	Total	Ads 3/					
24	11-Jun -- 17-Jun				0	0					0	0					0	0		0			
25	18-Jun -- 24-Jun				0	0					0	0					0	0		0			
26	25-Jun -- 1-Jul				0	0					0	0					0	0		0			
27	2-Jul -- 8-Jul				0	0					0	0					0	0		0			
28	9-Jul -- 15-Jul				0	0					0	0					0	0		0			
29	16-Jul -- 22-Jul				0	0					0	0					0	0		0			
30	23-Jul -- 29-Jul				0	0					0	0					0	0		0			
31	30-Jul -- 5-Aug	5	6	1	38	3	44	4	0	0	0	0	0	0	0	0	4	1	21	33	54		
32	6-Aug -- 12-Aug	5	3	0	34	4	37	4	0	0	0	0	0	0	0	2	1	2	1	12	37	49	
33	13-Aug -- 19-Aug	5	4	1	27	4	31	5	0	0	0	0	0	0	0	0	0	0	4	11	15		
34	20-Aug -- 26-Aug	5	3	0	12	0	15	0	0	0	0	0	0	0	0	1	0	1	0	2	3	5	
35	27-Aug -- 2-Sep	5	0	0	8	1	8	1	0	0	0	0	0	0	0	0	0	1	0	0	3	3	
36	3-Sep -- 9-Sep	4	1	0	8	2	9	2	0	0	0	0	0	0	0	0	0	0	1	0	1		
37	10-Sep -- 16-Sep	5	7	0	17	1	24	1	0	0	0	0	0	0	0	0	0	0	2	2	4		
38	17-Sep -- 23-Sep	5	9	0	11	0	20	0	0	0	0	0	0	0	1	0	4	2	5	2	3		
39	24-Sep -- 30-Sep	4	10	0	25	7	35	7	0	0	3	3	3	3	1	1	7	6	8	7	10		
2010 Season Totals:		43	43	2	180	22	223	24	0	0	3	3	3	3	4	2	17	9	21	11	47	97	144

Notes: **JC weir has been removed for the 2010 season**

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.

Trinity River Hatchery trapping summary for the 2010-11 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	16	2	103	30	119	32	0	0	0	0	0	0	0	0	0	0
37	10-Sep -- 16-Sep	35	8	455	127	490	135	0	0	0	0	0	0	0	0	2	0
38	17-Sep -- 23-Sep	46	9	519	130	565	139	0	0	0	0	0	0	0	0	1	0
39	24-Sep -- 30-Sep	47	7	808	167	855	174	0	0	0	0	0	0	0	0	1	0
40	1-Oct -- 7-Oct	69	18	604	108	673	126	1	1	5	4	6	5	6	5	2	2
41	8-Oct -- 14-Oct	24	6	133	24	157	30	12	11	40	40	52	51	52	51	3	3
Spring Chinook subtotal:		237	50	2,622	586	2,859	636										
42	15-Oct -- 21-Oct	Chinook spawning break															
43	22-Oct -- 28-Oct	195	47	354	78	549	125	165	161	764	741	929	902	929	902	22	22
44	29-Oct -- 4-Nov	249	52	1,118	273	1,367	325	122	120	623	601	745	721	745	721	43	43
45	5-Nov -- 11-Nov	167	26	1,387	319	1,554	345	65	65	347	331	412	396	412	396	40	40
46	12-Nov -- 18-Nov	128	31	3,010	672	3,138	703	34	34	349	338	383	372	383	372	16	16
47	19-Nov -- 25-Nov	56	11	1,121	270	1,177	281	44	43	558	540	602	583	602	583	18	18
48	26-Nov -- 2-Dec	21	5	788	200	809	205	17	17	440	398	457	415	457	415	10	9
49	3-Dec -- 9-Dec	17	7	358	100	375	107	35	33	532	485	567	518	567	518	63	62
50	10-Dec -- 16-Dec	6	1	71	22	77	23	17	17	201	178	218	195	218	195	269	260
51	17-Dec -- 23-Dec	1	1	1	1	2	2	11	11	29	28	40	39	40	39	220	217
52	24-Dec -- 31-Dec	0	0	1	0	1	0	1	1	12	10	13	11	13	11	163	162
1	1-Jan -- 7-Jan	0	0	0	0	0	0	2	2	3	3	5	5	5	5	73	73
2	8-Jan -- 14-Jan	0	0	0	0	0	0	0	0	2	2	2	2	2	2	46	46
3	15-Jan -- 21-Jan	0	0	0	0	0	0	0	0	0	0	0	0	0	0	225	220
4	22-Jan -- 28-Jan	0	0	0	0	0	0	0	0	0	0	0	0	0	0	249	247
5	29-Jan -- 4-Feb	0	0	0	0	0	0	0	0	0	0	0	0	0	0	161	156
6	5-Feb -- 11-Feb	0	0	0	0	0	0	0	0	0	0	0	0	0	0	122	121
7	12-Feb -- 18-Feb	0	0	0	0	0	0	0	0	0	0	0	0	0	0	91	88
8	19-Feb -- 25-Feb	0	0	0	0	0	0	0	0	0	0	0	0	0	0	112	111
9	26-Feb -- 4-Mar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	35	34
10	5-Mar -- 11-Mar					0	0					0	0	0	0	50	49
11	12-Mar -- 18-Mar																
Fall Chinook subtotal:		840	181	8,209	1,935	9,049	2,116										
2010 Season Totals: 4/ 5/		1,077	231	10,831	2,521	11,908	2,752	526	516	3,905	3,699	4,431	4,215	4,431	4,215	2,037	1,999

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.

Cumulative weekly trapping totals for Willow Creek weir, 2004-2009.

Julian week	Inclusive dates	Trapping year																	
		2004			2005			2006			2007			2008			2009		
		Chinook	Coho	Steelhead	Chinook	Coho	Steelhead	Chinook	Coho	Steelhead	Chinook	Coho	Steelhead	Chinook	Coho	Steelhead	Chinook	Coho	Steelhead
34	20-Aug ---- 26-Aug				108	0	244	170	0	206	96	0	420	201	1	119			
35	27-Aug ---- 2-Sep				153	0	337	272	0	353	135	0	953	397	3	184	94	0	33
36	3-Sep ---- 9-Sep				316	2	481	452	4	518	261	0	1,220	687	3	225	264	0	68
37	10-Sep ---- 16-Sep	274	9	31	676	4	584	565	12	658	368	0	1,345	1,139	4	262	521	10	221
38	17-Sep ---- 23-Sep	686	36	132	1,054	36	834	677	44	771	547	0	1,438	1,387	17	307	830	35	535
39	24-Sep ---- 30-Sep	1,304	145	503	1,162	133	1,028	826	66	1,073	762	2	1,627	1,676	71	416	1,021	109	870
40	1-Oct ---- 7-Oct	1,642	472	962	1,254	245	1,406	973	115	1,950	835	26	2,781	1,792	188	710	1,046	118	893
41	8-Oct ---- 14-Oct	1,906	897	1,560	1,342	514	1,808	1,061	182	2,471	974	51	4,108	1,856	335	849	1,082	138	1,118
42	15-Oct ---- 21-Oct	2,060	948	1,826	1,383	554	1,989	1,111	220	3,271	1,021	84	4,742	1,967	401	884	1,109	154	1,373
43	22-Oct ---- 28-Oct	2,062	978	1,988	1,403	687	2,094	1,133	230	3,296	1,022	84	4,897	2,024	439	896	1,126	170	1,396
44	29-Oct ---- 4-Nov	2,079	989	2,006	1,426	772	2,219	1,173	235	3,455	1,031	88	5,018	2,122	447	901	1,144	178	1,405
45	5-Nov ---- 11-Nov	2,118	998	2,025				1,181	247	3,880	1,039	88	5,026	2,122	447	901	1,180	197	1,657
46	12-Nov ---- 18-Nov	2,139	1,010	2,034				1,181	249	3,884	1,056	97	5,189	2,128	447	906	1,191	201	1,670
47	19-Nov ---- 25-Nov	2,140	1,010	2,034										2,143	448	919	1,191	202	1,677

Season totals in bold

Cumulative weekly trapping totals for Junction City weir, 2004-2009.

Julian week	Inclusive dates	Trapping year																	
		2004			2005 1/			2006			2007			2008			2009		
		Chinook	Brown T.	Steelhead	Chinook	Brown T.	Steelhead	Chinook	Brown T.	Steelhead	Chinook	Brown T.	Steelhead	Chinook	Brown T.	Steelhead	Chinook	Brown T.	Steelhead
24	11-Jun ---- 17-Jun																		
25	18-Jun ---- 24-Jun										15	60	23				10	28	3
26	25-Jun ---- 1-Jul										114	114	59				55	73	12
27	2-Jul ---- 8-Jul										381	192	113				95	103	26
28	9-Jul ---- 15-Jul										436	286	152				141	114	27
29	16-Jul ---- 22-Jul	151	40	11	11	14	2				461	302	165	26	10	5	174	133	29
30	23-Jul ---- 29-Jul	235	136	31	24	70	17	67	86	76	785	324	203	32	15	9	177	148	33
31	30-Jul ---- 5-Aug	258	167	35	57	167	29	75	116	83	839	331	219	103	37	17	178	154	35
32	6-Aug ---- 12-Aug	411	199	41	82	207	29	206	153	87	854	333	224	123	63	25	180	155	35
33	13-Aug ---- 19-Aug	465	212	47	88	215	30	296	167	93	897	335	234	144	76	28	203	155	35
34	20-Aug ---- 26-Aug	-----	-----	-----	153	222	38	326	170	94	911	335	239	153	88	30	206	155	35
35	27-Aug ---- 2-Sep	-----	-----	-----	159	224	46	341	171	97	915	335	252	156	92	32	208	157	38
36	3-Sep ---- 9-Sep	-----	-----	-----	185	224	52	352	177	99	923	336	259	165	95	35	225	158	40
37	10-Sep ---- 16-Sep	517	215	58	204	225	55	362	177	101	928	337	265	179	96	37	236	162	45
38	17-Sep ---- 23-Sep	588	223	78	310	226	63	382	179	121	939	337	274	201	99	41	246	165	48
39	24-Sep ---- 30-Sep	711	229	96	372	239	92	401	184	174	958	338	283	206	101	41	268	168	56
40	1-Oct ---- 7-Oct	897	254	176	448	255	179												

Season totals in bold

Cumulative weekly trapping totals for Trinity River Hatchery, 2004-2009.

Julian week	Inclusive dates	Recovery year																	
		2004			2005			2006			2007			2008			2009		
		Chinook	Coho	Steelhead	Chinook	Coho	Steelhead	Chinook	Coho	Steelhead	Chinook	Coho	Steelhead	Chinook	Coho	Steelhead	Chinook	Coho	Steelhead
34	20-Aug ---- 26-Aug																		
35	27-Aug ---- 2-Sep	Spring-run			Spring-run			Spring-run			Spring-run			Spring-run					
36	3-Sep ---- 9-Sep	212	0	14	109	0	0	6	0	1				66	0	0	106	0	2
37	10-Sep ---- 16-Sep	870	0	19	572	0	2	193	0	2	132	0	5	338	0	0	235	0	3
38	17-Sep ---- 23-Sep	2,888	0	20	1,798	0	5	591	0	4	748	0	5	1,006	0	1	953	0	5
39	24-Sep ---- 30-Sep	4,535	0	20	5,334	0	7	1,452	2	4	2,635	0	9	2,495	0	4	1,963	0	6
40	1-Oct ---- 7-Oct	6,017	11	27	6,584	8	13	2,661	8	8	5,499	0	16	3,659	5	12	2,836	1	7
41	8-Oct ---- 14-Oct	6,550	51	29	6,990	22	14	3,818	100	33	6,034	2	71	3,766	10	21	3,069	1	7
42	15-Oct ---- 21-Oct	Fall-run	---	---	Fall-run	---	---	Fall-run	---	---	Fall-run	---	---	Fall-run	---	---	Fall-run	---	---
43	22-Oct ---- 28-Oct	1,807	998	145	1,060	967	31	392	423	45	120	34	111	334	404	21	329	535	40
44	29-Oct ---- 4-Nov	4,355	2,225	186	4,449	1,666	53	1,887	1,139	63	605	252	254	1,045	611	21	1,036	1,143	69
45	5-Nov ---- 11-Nov	9,033	4,245	261	9,142	4,959	200	4,987	2,437	172	1,922	397	304	2,789	959	21	3,189	1,586	107
46	12-Nov ---- 18-Nov	11,625	7,877	458	12,084	7,993	354	7,513	4,947	391	5,422	874	379	4,169	3,334	26	5,641	1,932	158
47	19-Nov ---- 25-Nov	12,528	9,065	589	12,981	10,238	434	10,141	6,478	878	10,263	1,481	627	5,005	4,040	40	7,162	3,050	202
48	26-Nov ---- 2-Dec	12,962	10,138	708	13,517	12,860	515	11,084	7,884	1,075	13,490	2,184	685	5,207	4,644	110	7,383	3,162	214
49	3-Dec ---- 9-Dec	13,054	10,416	748	13,749	15,531	908	11,451	8,839	1,153	16,050	2,602	854	5,241	4,942	218	7,465	3,253	260
50	10-Dec ---- 16-Dec	13,107	10,850	1,313	13,798	17,018	1,468	11,550	10,068	1,978	17,328	2,802	1,847	5,248	5,081	332	7,479	3,290	267
51	17-Dec ---- 23-Dec	13,127	10,900	1,575	13,802	18,146	2,298	11,560	10,292	3,221	17,859	2,884	2,496	5,248	5,142	470	7,487	3,343	528
52	24-Dec ---- 31-Dec	13,129	10,977	1,979	13,802	18,302	3,392	10,364	3,980	18,057	2,905	2,910	5,248	5,175	557	7,492	3,346	826	
1	1-Jan ---- 7-Jan		10,982	2,532	13,802	18,349	5,083	10,387	4,838	18,102	2,917	3,374	5,248	5,178	607	7,494	3,351	1,200	
2	8-Jan ---- 14-Jan		10,982	2,991	13,803	18,356	6,335	10,391	5,823	18,110	2,919	4,477	5,249		665		3,351	1,995	
3	15-Jan ---- 21-Jan		10,982	3,468		18,357	7,074	10,399	6,304	18,112	2,919	5,711			787		3,352	2,733	
4	22-Jan ---- 28-Jan		10,983	4,010			7,501	10,400	6,702		2,923	7,211			901			3,189	
5	29-Jan ---- 4-Feb			4,561			7,753		7,582		2,927	8,116			1,170			3,452	
6	5-Feb ---- 11-Feb			4,937			7,960		8,875			8,683			1,440			3,738	
7	12-Feb ---- 18-Feb			5,211			8,037		9,879			9,530			1,671			3,956	
8	19-Feb ---- 25-Feb			5,468			8,066		10,633			10,370			1,918			4,088	
9	26-Feb ---- 4-Mar			5,649			8,100		11,003			11,168			2,083			4,191	
10	5-Mar ---- 11-Mar			5,712			8,129		11,310			11,342			2,184			4,244	
11	12-Mar ---- 18-Mar			5,731			8,143		11,547			11,399			2,327				
12	19-Mar ---- 25-Mar														2,459				
															2,495				

Season totals in bold