

WILLAMETTE FALLS FISHWAY COUNTS

Month January Year 2004

Date	Hydrological Data				Spring Chinook									Coho				Steelhead				
					Adult			Cum.	Jack			Cum.	Mini Jack		Daily	Cum.	Adult		Jack		Winter	
	Daily	Clipped	Unclip	Total	Daily	Unclip	Daily		Cum.	Daily	Cum.		Daily	Cum.			Daily	Cum.	Total	Clipped	Unclip	
	Flow	HW	Temp	Vis	Total	Clipped	Unclip	Total	Clipped	Unclip	Daily	Cum.	Daily	Cum.	Daily	Cum.	Daily	Cum.	Total	Clipped	Unclip	Cum.
1	54,200	50.3	41	1.3															2	0	2	873
2	54,000	50.5	41	1.4															9	0	9	882
3	57,300																		3	0	3	885
4	53,000	58.0	40	1.4															6	0	6	891
5	46,000																		2	0	2	893
6	39,000																		1	0	1	894
7	36,400	55.9	38																1	0	1	895
8	43,800																		18	0	18	913
9	55,300	56.4	39																27	0	27	940
10	59,700																		105	0	105	1,045
11	60,400																		111	0	111	1,156
12	56,300	54.0	42	1.8															55	0	55	1,211
13	51,400	53.4	42	1.8															89	0	89	1,300
14	46,000																		102	0	102	1,402
15	49,000	53.3	44	2.4															92	1	91	1,494
16	49,800	53.5	44	2.4															160	1	159	1,654
17	50,000	53.6	45	2.5															102	0	102	1,756
18	43,800																		81	0	81	1,837
19	43,000																		110	0	110	1,947
20	42,800	53.2	45	3.0															123	4	119	2,070
21	42,700	57.9	45	3.0															75	2	73	2,145
22	40,700	57.8	44	3.2															42	2	40	2,187
23	40,000	57.5	43	3.0															51	3	48	2,238
24	45,300																		84	1	83	2,322
25	64,100																		24	0	24	2,346
26	62,400	57.7	44	2.0															39	0	39	2,385
27	57,300	56.7	44	1.7															26	0	26	2,411
28	56,800	56.4	44	1.5															123	5	118	2,534
29	65,000																		69	0	69	2,603
30	85,300	56.7	46	<1.0															16	0	16	2,619
31	85,200																		13	0	13	2,632

WILLAMETTE FALLS FISHWAY COUNTS

Month February Year 2004

Date	Hydrological Data				Spring Chinook									Coho				Steelhead			
					Adult			Cum.	Jack			Mini Jack		Adult		Jack		Winter			Cum.
	Daily		Total	Daily		Total	Daily		Cum.	Daily	Cum.	Daily	Cum.	Total	Daily						
	Flow	HW		Temp	Vis										Clipped	Unclip	Clipped	Unclip	Clipped	Unclip	
1	83,200																17	-	-	2,632	
2	78,700	53.1	44	<1.0													21	-	-	2,670	
3	72,300	52.5	44	<1.0													28	1	27	2,698	
4	65,000	59.4	44	<1.0													56	4	52	2,754	
5	57,500																116	6	110	2,870	
6	50,300	56.9	45	1.8													104	4	100	2,974	
7	47,500																145	3	142	3,119	
8	46,100																110	4	106	3,229	
9	41,500	56.9	45	2.0													119	4	115	3,348	
10	36,200																99	7	92	3,447	
11	28,800	56.9	44	2.5													86	5	81	3,533	
12	26,800																68	8	60	3,601	
13	22,200	56.9		2.6													47	2	45	3,648	
14	20,500																56	5	51	3,704	
15	18,700																51	2	49	3,755	
16	19,300																112	9	103	3,867	
17	26,000	55.6	45	1.3													215	13	202	4,082	
18	41,300	56.6	45	1.3													121	6	115	4,203	
19	47,000	57.0	42	1.0													89	5	84	4,292	
20	44,100	56.6	46	1.2													90	8	82	4,382	
21	35,300																172	22	150	4,554	
22	30,600																191	29	162	4,745	
23	27,000	55.1	45	1.8													105	8	97	4,850	
24	23,900	54.8	46	2.8													151	16	135	5,001	
25	24,000	56.6	47	2.0													106	12	94	5,107	
26	24,500	56.7	47	2.5													50	2	48	5,157	
27	23,900	56.8	46	2.3													42	2	40	5,199	
28	26,200																70	6	64	5,269	
29	26,600																93	7	86	5,362	

WILLAMETTE FALLS FISHWAY COUNTS

Month March Year 2004

Date	Hydrological Data				Spring Chinook								Steelhead									
					Adult				Jack			Mini Jack	Winter				Summer					
	Flow	HW	Temp	Vis	Daily			Cum.	Daily			Cum.	Daily	Cum.	Daily			Cum.				
					Total	Clipped	Unclip		Total	Clipped	Unclip				Total	Clipped	Unclip					
1	25,600	56.9	46	2.0	0	0	0	0							152	54	98	5,514	3	3	0	3
2	25,600	56.9	47	2.0	0	0	0	0							91	0	91	5,605	6	6	0	9
3	23,300	56.8	47	2.3	0	0	0	0							40	0	40	5,645	3	3	0	12
4	21,500	56.6	47	2.3	0	0	0	0							50	9	41	5,695	7	7	0	19
5	24,800	56.6	47	2.5	0	0	0	0							21	1	20	5,716	3	3	0	22
6	25,800				0	0	0	0							38	0	38	5,754	4	4	0	26
7	26,900				1	1	0	1							47	1	46	5,801	8	8	0	34
8	25,100	56.7	47	3.6	0	0	0	1							114	-	-	5,915	18	-	-	52
9	23,100	56.4	49	3.8	1	1	0	2							196	-	-	6,111	24	24	0	76
10	21,600	56.2	49	4.3	0	0	0	2							74	0	74	6,185	10	10	0	86
11	22,300	56.1	50	4.3	0	0	0	2							79	2	77	6,264	14	14	0	100
12	20,300	56.0	50	4.5	3	1	2	5							100	0	100	6,364	20	20	0	120
13	19,300				1	0	1	6							75	0	75	6,439	21	21	0	141
14	18,400				1	1	0	7							92	0	92	6,531	20	20	0	161
15	17,800	55.5	50	5.2	1	1	0	8							92	2	90	6,623	18	17	1	179
16	17,200	55.5	50	5.2	6	4	2	14							187	2	185	6,810	84	83	1	263
17	16,200	55.4	51	5.5	8	4	4	22							235	0	235	7,045	69	69	0	332
18	15,100	55.2	51	5.6	10	10	0	32							167	0	167	7,212	84	84	0	416
19	14,300	55.0	51	5.5	4	2	2	36							105	0	105	7,317	57	57	0	473
20	14,800				3	2	1	39							80	0	80	7,397	39	39	0	512
21	13,600				3	1	2	42							61	0	61	7,458	25	25	0	537
22	13,100	54.8	51	5.4	27	18	9	69							154	0	154	7,612	92	92	0	629
23	12,800	54.7	51	5.4	20	12	8	89							201	0	201	7,813	73	72	1	702
24	12,700	54.7	52	5.3	37	22	15	126							172	1	171	7,985	59	59	0	761
25	13,100	54.7	53	5.0	27	15	12	153							200	0	200	8,185	98	98	0	859
26	13,000	54.8	53	5.0	6	1	5	159							77	0	77	8,262	24	24	0	883
27	14,200				17	4	13	176							62	0	62	8,324	32	32	0	915
28	16,000				15	-	-	191							46	-	-	8,370	28	-	-	943
29	15,900	55.5	50	3.8	21	10	11	212							59	0	59	8,429	42	40	2	985
30	15,300	55.3	51	3.6	23	14	9	235							93	0	93	8,522	54	54	0	1,039
31	16,300				78	51	27	313							124	0	124	8,646	91	91	0	1,130

WILLAMETTE FALLS FISHWAY COUNTS

Month April Year 2004

Date	Hydrological Data				Spring Chinook									Steelhead								
					Adult				Jack			Mini Jack		Winter				Summer				
	Flow	HW	Temp	Vis	Daily			Cum.	Daily			Cum.	Daily	Cum.	Daily			Cum.				
	Total	Clipped	Unclip	313	Total	Clipped	Unclip	0	Daily	Cum.	0	Total	Clipped	Unclip	8,646	Total	Clipped	Unclip	1,130			
1	17,700	55.5	52	5.2	104	62	42	417	0	0	0	0	0	0	132	2	130	8,778	113	113	0	1,243
2	18,200	55.7	51	5.2	142	79	63	559	0	0	0	0	0	0	115	0	115	8,893	66	66	0	1,309
3	17,900				117	79	38	676	0	0	0	0	0	0	66	0	66	8,959	46	46	0	1,355
4	17,200				433	225	208	1,109	0	0	0	0	0	0	131	0	131	9,090	78	78	0	1,433
5	17,000	55.3	53	5.5	767	460	307	1,876	0	0	0	0	0	0	190	0	190	9,280	181	181	0	1,614
6	17,100	55.3	53	5.5	587	333	254	2,463	0	0	0	0	0	0	131	0	131	9,411	170	167	3	1,784
7	17,900				583	454	129	3,046	0	0	0	0	0	0	160	0	160	9,571	250	250	0	2,034
8	16,600	55.4	53	5.8	462	375	87	3,508	1	1	0	1	0	0	58	0	58	9,629	197	197	0	2,231
9	15,800	55.2	52	5.6	339	273	66	3,847	0	0	0	1	0	0	56	0	56	9,685	170	170	0	2,401
10	15,600				697	518	179	4,544	1	1	0	2	0	0	145	0	145	9,830	253	253	0	2,654
11	15,100				1446	939	507	5,990	1	1	0	3	0	0	196	0	196	10,026	221	220	1	2,875
12	14,800	54.9	56	5.6	1923	1,353	570	7,913	0	0	0	3	0	0	156	0	156	10,182	189	186	3	3,064
13	15,000				1090	853	237	9,003	1	1	0	4	0	0	92	0	92	10,274	163	163	0	3,227
14	14,900	54.8	56	5.8	1244	933	311	10,247	2	2	0	6	0	0	104	0	104	10,378	175	172	3	3,402
15	16,000	55.0	55	5.6	663	464	199	10,910	2	2	0	8	0	0	73	0	73	10,451	137	135	2	3,539
16	17,400	55.5	53	5.8	801	566	235	11,711	1	1	0	9	0	0	70	0	70	10,521	128	127	1	3,667
17	16,800				731	495	236	12,442	2	2	0	11	0	0	56	0	56	10,577	148	144	4	3,815
18	15,400				658	445	213	13,100	2	2	0	13	0	0	76	0	76	10,653	115	114	1	3,930
19	14,800	55.0	53	5.8	683	468	215	13,783	1	1	0	14	0	0	77	0	77	10,730	116	116	0	4,046
20	15,900	55.1	53	5.6	895	749	146	14,678	1	0	1	15	0	0	45	0	45	10,775	181	181	0	4,227
21	18,000	55.5	52	5.6	884	710	174	15,562	1	1	0	16	0	0	46	0	46	10,821	172	172	0	4,399
22	25,200	56.6	51	5.8	527	379	148	16,089	2	2	0	18	0	0	58	0	58	10,879	111	111	0	4,510
23	26,100	56.7	51	5.8	404	-	-	16,493	1	1	0	19	0	0	23	0	23	10,902	144	-	-	4,654
24	20,600				642	554	88	17,135	1	1	0	20	0	0	12	0	12	10,914	176	176	0	4,830
25	18,000				1232	798	434	18,367	1	1	0	21	0	0	57	0	57	10,971	227	226	1	5,057
26	16,000	55.4	54	3.7	2341	1,740	601	20,708	6	6	0	27	2	2	136	0	136	11,107	380	375	5	5,437
27	15,100	55.1	55	3.8	3883	3,269	614	24,591	6	6	0	33	6	8	54	0	54	11,161	402	402	0	5,839
28	15,500	55.0	57	4.7	3677	2,852	825	28,268	9	7	2	42	0	8	114	0	114	11,275	334	330	4	6,173
29	15,000	55.0	58	4.7	3304	2,501	803	31,572	16	14	2	58	0	8	67	0	67	11,342	328	328	0	6,501
30	15,100	54.9	59	5.3	3002	2,559	443	34,574	32	30	2	90	0	8	53	0	53	11,395	418	417	1	6,919

WILLAMETTE FALLS FISHWAY COUNTS

Month May Year 2004

Date	Hydrological Data				Spring Chinook									Steelhead								
					Adult			Jack			Mini Jack			Winter				Summer				
	Flow	HW	Temp	Vis	Daily			Cum.	Daily			Cum.	Daily	Cum.	Daily			Cum.				
					Total	Clipped	Unclip	34,574	Total	Clipped	Unclip	90	Daily	Cum.	8	Total	Clipped	Unclip	11,395	Total	Clipped	Unclip
1	14,600				3362	2,834	528	37,936	19	16	3	109	0	8	57	0	57	11,452	398	398	0	7,317
2	15,000				2503	1,886	617	40,439	11	9	2	120	0	8	59	0	59	11,511	277	271	6	7,594
3	15,200	54.9	61	4.8	1832	1,361	471	42,271	17	12	5	137	0	8	25	0	25	11,536	193	190	3	7,787
4	15,300	54.8	61	5.4	1980	1,592	388	44,251	10	10	0	147	0	8	18	0	18	11,554	255	255	0	8,042
5	15,300	54.9	61	5.9	1827	-	-	46,078	19	15	4	166	0	8	40	0	40	11,594	196	195	1	8,238
6	16,000	54.9	60	6.0	1560	1,238	322	47,638	19	15	4	185	0	8	19	0	19	11,613	157	155	2	8,395
7	16,000	54.9	60	6.0	2823	2,494	329	50,461	25	19	6	210	0	8	59	0	59	11,672	545	539	6	8,940
8	15,500				2062	1,666	396	52,523	19	17	2	229	0	8	19	0	19	11,691	332	330	2	9,272
9	15,200				2015	1,579	436	54,538	26	20	6	255	0	8	40	0	40	11,731	253	248	5	9,525
10	14,800	54.9	59	5.6	2104	1,764	340	56,642	16	14	2	271	0	8	28	0	28	11,759	389	389	0	9,914
11	15,000	54.9	58	5.6	2148	1,767	381	58,790	18	16	2	289	0	8	31	0	31	11,790	324	323	1	10,238
12	15,400	55.1	57	5.8	1703	1,538	165	60,493	12	12	0	301	0	8	11	0	11	11,801	432	432	0	10,670
13	15,900	55.1	57	5.8	1482	1,270	212	61,975	9	8	1	310	0	8	9	0	9	11,810	428	428	0	11,098
14	15,600	55.1	57	5.8	2079	1,813	266	64,054	9	8	1	319	3	11	18	0	18	11,828	691	691	0	11,789
15	14,800				1710	1,437	273	65,764	16	16	0	335	9	20	14	0	14	11,842	455	455	0	12,244
16	14,150				1469	1,150	319	67,233	13	10	3	348	0	20					403	-	-	12,647
17	14,000	54.4	58	6.0	1292	1,088	204	68,525	14	14	0	362	0	20					417	-	-	13,064
18	13,800	54.3	59	6.0	1504	1,249	255	70,029	19	19	0	381	2	22					483	-	-	13,547
19	13,900	54.3	59	5.8	1522	1,255	267	71,551	16	14	2	397	0	22					388	388	0	13,935
20	15,000	54.1	60	5.8	1567	1,205	362	73,118	8	8	0	405	18	40					486	-	-	14,421
21	15,100	54.0	60	6.0	1291	1,137	154	74,409	2	2	0	407	7	47					578	-	-	14,999
22	14,500				923	779	144	75,332	14	13	1	421	12	59					418	407	11	15,417
23	14,400				1150	982	168	76,482	17	14	3	438	0	59					416	392	24	15,833
24	15,000	53.3	59	5.8	711	569	142	77,193	16	15	1	454	0	59					238	223	15	16,071
25	14,600	53.0	59	5.8	776	624	152	77,969	21	21	0	475	1	60					346	320	26	16,417
26	13,900	54.4	60	5.4	873	-	-	78,842	18	15	3	493	3	63					475	-	-	16,892
27	14,000	53.9	60	6.0	942	-	-	79,784	14	14	0	507	24	87					536	-	-	17,428
28	14,200				726	-	-	80,510	6	6	0	513	2	89					438	-	-	17,866
29	26,100				583	-	-	81,093	8	-	-	521	2	91					472	-	-	18,338
30	29,700				503	-	-	81,596	11	11	0	532	14	105					499	-	-	18,837
31	25,600	51.8	55	4.5	197	179	18	81,793	0	0	0	532	0	105					474	462	12	19,311

WILLAMETTE FALLS FISHWAY COUNTS

Month June Year 2004

Date	Hydrological Data				Spring Chinook										Steelhead							
					Adult				Jack				Mini Jack		Winter				Summer			
	Flow	HW	Temp	Vis	Daily		Cum.	Daily		Cum.	Daily	Cum.	Daily		Cum.	Daily		Cum.				
	Total	Clipped	Unclip	81,793	Total	Clipped	Unclip	532	Daily	105	Total	Clipped	Unclip		Total	Clipped	Unclip	19,311				
1	21,000	51.2	55	3.6	236	209	27	82,029	4	4	0	536	0	105				699	681	18	20,010	
2	17,000				370	-	-	82,399	2	2	0	538	0	105				662	-	-	20,672	
3	15,200	50.8	59	5.2	580	420	160	82,979	5	5	0	543	3	108				489	437	52	21,161	
4	12,700				315	226	89	83,294	6	6	0	549	0	108				169	148	21	21,330	
5	12,500				269	196	73	83,563	5	5	0	554	1	109				225	196	29	21,555	
6	12,000				330	263	67	83,893	5	5	0	559	1	110				130	113	17	21,685	
7	12,500	50.0	63	5.8	467	346	121	84,360	4	4	0	563	4	114				173	151	22	21,858	
8	14,300	54.3	63	5.6	957	728	229	85,317	14	14	0	577	4	118				331	301	30	22,189	
9	16,200	54.1	61	5.3	720	504	216	86,037	11	9	2	588	6	124				328	310	18	22,517	
10	19,200	53.9	59	5.0	380	323	57	86,417	3	3	0	591	2	126				339	326	13	22,856	
11	22,100	53.7	58	5.3	276	195	81	86,693	8	8	0	599	0	126				237	209	28	23,093	
12	20,900				189	151	38	86,882	3	3	0	602	0	126				161	133	28	23,254	
13	19,300				225	188	37	87,107	3	3	0	605	1	127				108	94	14	23,362	
14	17,200	52.9	57	5.2	281	226	55	87,388	16	13	3	621	5	132				374	345	29	23,736	
15	15,100	53.6	58	5.3	360	317	43	87,748	8	7	1	629	7	139				326	305	21	24,062	
16	13,500	53.3	58	5.7	520	424	96	88,268	15	14	1	644	22	161				449	392	57	24,511	
17	12,400	53.4	60	6.0	566	-	-	88,834	7	-	-	651	25	186				374	-	-	24,885	
18	11,400	56.9	62	6.1	504	-	-	89,338	7	-	-	658	19	205				281	-	-	25,166	
19	10,900				391	-	-	89,729	6	5	1	664	23	228				242	-	-	25,408	
20	10,550				426	380	46	90,155	1	1	0	665	23	251				253	235	18	25,661	
21	10,100	54.8	68	6.2	470	415	55	90,625	8	7	1	673	22	273				308	282	26	25,969	
22	9,700	54.6	69	6.5	317	-	-	90,942	8	-	-	681	22	295				291	-	-	26,260	
23	9,300	54.6	69	5.8	291	-	-	91,233	5	-	-	686	39	334				241	-	-	26,501	
24	9,300	54.5	69	5.8	157	132	25	91,390	0	0	0	686	18	352				117	90	27	26,618	
25	9,500	54.6	68	5.8	158	133	25	91,548	1	1	0	687	16	368				146	120	26	26,764	
26	9,300				283	227	56	91,831	2	2	0	689	28	396				230	-	-	26,994	
27	9,100				404	335	69	92,235	8	7	1	697	39	435				450	429	21	27,444	
28	9,000	54.6	66	5.5	498	422	76	92,733	7	7	0	704	66	501				580	569	11	28,024	
29	8,800	54.6	67	5.6	520	440	80	93,253	7	6	1	711	85	586				631	616	15	28,655	
30	8,500	54.5	69	5.8	408	342	66	93,661	3	2	1	714	92	678				561	545	16	29,216	

WILLAMETTE FALLS FISHWAY COUNTS

Month July Year 2004

Date	Hydrological Data				Spring Chinook								Steelhead								
					Adult				Jack				Mini Jack		Winter				Summer		
	Flow	HW	Temp	Vis	Daily			Cum.	Daily			Cum.	Daily	Cum.	Daily			Cum.			
					Total	Clipped	Unclip	93,661	Total	Clipped	Unclip	714	Daily	Cum.	Total	Clipped	Unclip	29,216			
1	7,700				360	317	43	94,021	1	1	0	715	84	762				337	326	11	29,553
2	7,400	54.4	71		187	154	33	94,208	2	2	0	717	52	814				268	246	22	29,821
3	7,500				122	87	35	94,330	1	1	0	718	13	827				128	91	37	29,949
4	7,400				88	66	22	94,418	0	0	0	718	27	854				115	84	31	30,064
5	7,600				133	106	27	94,551	4	4	0	722	35	889				112	82	30	30,176
6	7,400	54.4	72		99	79	20	94,650	2	2	0	724	32	921				111	86	25	30,287
7	7,300	54.5	71	5.4	106	76	30	94,756	1	1	0	725	19	940				124	85	39	30,411
8	7,300	54.5	70	5.4	114	83	31	94,870	1	1	0	726	33	973				181	136	45	30,592
9	7,300	54.4	71	5.6	83	60	23	94,953	4	2	2	730	26	999				152	105	47	30,744
10	7,200				70	55	15	95,023	3	2	1	733	28	1,027				219	157	62	30,963
11	7,300				90	67	23	95,113	1	1	0	734	17	1,044				166	117	49	31,129
12	7,400	54.4	70	5.4	85	58	27	95,198	0	0	0	734	19	1,063				128	90	38	31,257
13	7,400	54.5	70	5.5	125	70	55	95,323	2	2	0	736	31	1,094				189	133	56	31,446
14	7,200	54.5	71	5.6	84	45	39	95,407	1	1	0	737	17	1,111				225	171	54	31,671
15	7,100	54.5	71	5.6	66	43	23	95,473	1	1	0	738	15	1,126				140	95	45	31,811
16	7,100	54.4	72	5.8	101	59	42	95,574	4	3	1	742	40	1,166				176	114	62	31,987
17	6,800				72	45	27	95,646	0	0	0	742	9	1,175				127	83	44	32,114
18	7,000				51	30	21	95,697	2	2	0	744	8	1,183				86	55	31	32,200
19	7,100	54.4	74	5.7	16	10	6	95,713	1	1	0	745	1	1,184				54	35	19	32,254
20	7,100	54.5	74	5.7	16	8	8	95,729	1	0	1	746	1	1,185				21	14	7	32,275
21	7,100	54.5	74	5.8	11	5	6	95,740	0	0	0	746	3	1,188				23	16	7	32,298
22	6,900	54.4	74	6.0	20	11	9	95,760	0	0	0	746	8	1,196				21	14	7	32,319
23	6,800	54.3	74	6.0	8	4	4	95,768	0	0	0	746	3	1,199				16	11	5	32,335
24	6,600				11	4	7	95,779	0	0	0	746	6	1,205				20	10	10	32,355
25	6,900				6	1	5	95,785	0	0	0	746	2	1,207				16	9	7	32,371
26	7,000				5	2	3	95,790	0	0	0	746	0	1,207				7	6	1	32,378
27	7,000	54.3	75	6.5	3	3	0	95,793	0	0	0	746	1	1,208				9	6	3	32,387
28	6,900	54.3	76	6.5	2	1	1	95,795	0	0	0	746	0	1,208				6	4	2	32,393
29	7,000	54.3	77	6.6	0	0	0	95,795	0	0	0	746	0	1,208				1	1	0	32,394
30	7,000	54.4	76	6.6	0	0	0	95,795	0	0	0	746	1	1,209				3	3	0	32,397
31	6,900				0	0	0	95,795	0	0	0	746	0	1,209				3	2	1	32,400

WILLAMETTE FALLS FISHWAY COUNTS

Month August Year 2004

Date	Hydrological Data				Spring/Fall Chinook							Steelhead									
					Adult				Jack			Mini Jack		Winter			Summer				
	Flow	HW	Temp	Vis	Daily			Cum.	Daily			Cum.	Daily	Cum.	Daily			Cum.			
					Total	Clipped	Unclip		Total	Clipped	Unclip				Total	Clipped	Unclip		Total	Clipped	Unclip
1	7,100				1	1	0	95,795	1	-	-	746	0	1,209				0	0	0	32,400
2	7,300	54.5	75	5.8	2	1	1	95,798	0	0	0	747	1	1,210				0	0	0	32,400
3	7,000				0	0	0	95,798	0	0	0	747	0	1,210				1	1	0	32,401
4	7,100	54.5	75	5.9	1	0	1	95,799	1	-	-	748	0	1,210				0	0	0	32,401
5	7,100				1	0	1	95,800	0	0	0	748	2	1,212				1	1	0	32,402
6	7,100	54.5	73	5.6	3	1	2	95,803	1	-	-	749	7	1,219				3	1	2	32,405
7	7,200				27	9	18	95,830	0	0	0	749	3	1,222				4	4	0	32,409
8	7,300				17	-	-	95,847	0	0	0	749	11	1,233				20	14	6	32,429
9	7,300	54.5	71	6.0	20	10	10	95,867	0	0	0	749	6	1,239				20	12	8	32,449
10	7,200	54.7	71	6.1	26	-	-	95,893	4	-	-	753	5	1,244				18	13	5	32,467
11	6,900				20	15	5	95,913	1	-	-	754	1	1,245				31	24	7	32,498
12	7,000	54.3	72	6.2	22	8	14	95,935	2	-	-	756	12	1,257				23	17	6	32,521
13	7,000				21	9	12	95,956	0	0	0	756	6	1,263				11	9	2	32,532
14	7,000				12	5	7	95,968	1	-	-	757	2	1,265				2	1	1	32,534
15	7,000				0	0	0	95,968	0	0	0	757	3	1,268				1	0	1	32,535
16	7,000	54.3	75	6.3	1	-	-	1	0	0	0	0	1	1,269				1	1	0	32,536
17	7,100				3	-	-	4	0	0	0	0	1	1,270				1	1	0	32,537
18	7,200	54.4	75	6.6	0	-	-	4	0	0	0	0	0	1,270				2	2	0	32,539
19	7,100	54.4	74	6.4	1	-	-	5	0	0	0	0	0	1,270				0	0	0	32,539
20	7,000	54.4	74	6.2	0	-	-	5	0	0	0	0	0	1,270				0	0	0	32,539
21	7,000				1	-	-	6	0	0	0	0	0	1,270				0	0	0	32,539
22	7,100				1	-	-	7	0	0	0	0	1	1,271				0	0	0	32,539
23	7,600	54.5	73	6.3	0	-	-	7	0	0	0	0	0	1,271				4	2	2	32,543
24	8,300	54.7	72	6.1	7	-	-	14	2	-	-	2	0	1,271				12	10	2	32,555
25	7,200	54.7	71	5.8	11	-	-	25	1	-	-	3	2	1,273				20	14	6	32,575
26	9,000	55.2	69	5.6	22	-	-	47	1	-	-	4	3	1,276				38	30	8	32,613
27	10,100	55.7	67	5.7	9	-	-	56	0	0	0	4	1	1,277				50	29	21	32,663
28	9,500				40	-	-	96	0	0	0	4	4	1,281				106	69	37	32,769
29	8,500				24	-	-	120	0	0	0	4	0	1,281				83	52	31	32,852
30	8,200	54.9	66	4.7	22	-	-	142	4	-	-	8	0	1,281				32	21	11	32,884
31	8,100	54.7	67	4.8	29	-	-	171	1	-	-	9	0	1,281				44	29	15	32,928

* Spring chinook are considered complete as of august 15.

WILLAMETTE FALLS FISHWAY COUNTS

Month September Year 2004

Date	Hydrological Data				Fall Chinook									Coho				Steelhead				
					Adult			Jack			Mini Jack			Adult		Jack		Summer				
	Flow	HW	Temp	Vis	Daily			Cum.	Daily			Cum.	Daily	Cum.	Daily	Cum.	Total	Clipped	Unclip	Cum.		
					Total	Clipped	Unclip		Total	Clipped	Unclip										Total	Daily
1	7,700	54.6	68	5.6	27	-	-	198	6	-	-	15	0	1,281	1	13	2	6	39	30	9	32,967
2	7,700				8	-	-	206	0	0	0	15	0	1,281	1	14	2	8	14	10	4	32,981
3	8,100	54.5	69	6.2	9	-	-	215	1	-	-	16	0	1,281	2	16	4	12	12	8	4	32,993
4	7,900				11	-	-	226	0	0	0	16	0	1,281	2	18	5	17	9	3	6	33,002
5	8,000				8	-	-	234	0	0	0	16	0	1,281	3	21	1	18	4	1	3	33,006
6	8,000				10	-	-	244	1	-	-	17	0	1,281	4	25	2	20	17	10	7	33,023
7	8,100	54.6	67	6.0	17	-	-	261	2	-	-	19	0	1,281	8	33	2	22	17	10	7	33,040
8	8,100	54.5	67	6.0	7	-	-	268	2	-	-	21	0	1,281	4	37	8	30	23	13	10	33,063
9	7,900	54.4	67	6.1	8	-	-	276	6	-	-	27	0	1,281	4	41	6	36	12	8	4	33,075
10	8,000	54.4	67	6.2	14	-	-	290	6	-	-	33	0	1,281	7	48	8	44	6	6	0	33,081
11	8,200				23	-	-	313	9	-	-	42	1	1,282	6	54	8	52	14	8	6	33,095
12	8,300				11	-	-	324	2	-	-	44	0	1,282	2	56	6	58	3	2	1	33,098
13	8,600	54.5	66	5.8	24	-	-	348	12	-	-	56	2	1,284	15	71	12	70	16	7	9	33,114
14	8,800	54.7	66	5.6	66	-	-	414	29	-	-	85	1	1,285	22	93	13	83	18	11	7	33,132
15	9,600	54.7	65	5.4	120	-	-	534	21	-	-	106	3	1,288	41	134	27	110	31	19	12	33,163
16	9,500				51	-	-	585	7	-	-	113	1	1,289	113	247	32	142	28	19	9	33,191
17	9,900	54.8	64	5.3	32	-	-	617	0	0	0	113	0	1,289	144	391	25	167	20	12	8	33,211
18	10,300				35	-	-	652	1	-	-	114	0	1,289	108	499	24	191	32	25	7	33,243
19	12,300				10	-	-	662	1	-	-	115	0	1,289	179	678	43	234	28	14	14	33,271
20	12,800	55.8	60	5.3	2	-	-	664	0	0	0	115	0	1,289	186	864	23	257	25	14	11	33,296
21	11,900				2	-	-	666	0	0	0	115	0	1,289	196	1,060	38	295	9	4	5	33,305
22	11,400	55.5	58	6.2	2	-	-	668	0	0	0	115	0	1,289	147	1,207	25	320	17	7	10	33,322
23	10,900	55.2	58	6.2	0	0	0	668	0	0	0	115	0	1,289	97	1,304	16	336	12	9	3	33,334
24	10,500	55.2	59	6.3	0	0	0	668	1	-	-	116	0	1,289	247	1,551	44	380	16	7	9	33,350
25	10,000				2	-	-	670	0	0	0	116	0	1,289	256	1,807	56	436	5	2	3	33,355
26	9,700				0	0	0	670	0	0	0	116	0	1,289	140	1,947	27	463	4	3	1	33,359
27	9,600	54.8	61	6.5	0	0	0	670	0	0	0	116	0	1,289	102	2,049	15	478	0	0	0	33,359
28	9,500				0	0	0	670	0	0	0	116	0	1,289	120	2,169	13	491	4	3	1	33,363
29	9,500	54.7	63	6.7	0	0	0	670	0	0	0	116	0	1,289	67	2,236	6	497	6	4	2	33,369
30	9,600	54.7	62	6.7	0	0	0	670	0	0	0	116	0	1,289	35	2,271	2	499	3	0	3	33,372

WILLAMETTE FALLS FISHWAY COUNTS

Month October

Year 2004

Date	Hydrological Data				Fall Chinook									Coho				Steelhead				
					Adult			Jack			Mini Jack			Adult		Jack		Summer				
	Flow	HW	Temp	Vis	Daily			Cum.	Daily			Cum.	Daily	Cum.	Daily	Cum.	Daily			Cum.		
					Total	Clipped	Unclip	670	Total	Clipped	Unclip	116	Daily	Cum.	Daily	Cum.	Total	Clipped	Unclip	33,372		
1	9,700	54.7	62	6.7	1	-	-	671	0	0	0	116	0	1,289	44	2,315	2	501	7	4	3	33,379
2	9,800				0	0	0	671	0	0	0	116	0	1,289	30	2,345	0	501	9	5	4	33,388
3	10,000				0	0	0	671	0	0	0	116	0	1,289	56	2,401	7	508	3	2	1	33,391
4	10,000	54.9	61	6.4	0	0	0	671	0	0	0	116	0	1,289	33	2,434	1	509	1	0	1	33,392
5	9,900				0	0	0	671	0	0	0	116	0	1,289	20	2,454	1	510	2	1	1	33,394
6	10,000	54.7	61	6.2	0	0	0	671	0	0	0	116	0	1,289	37	2,491	0	510	4	3	1	33,398
7	10,600	54.7	61	6.6	0	0	0	671	0	0	0	116	0	1,289	31	2,522	0	510	3	2	1	33,401
8	11,300	54.8	62	6.5	1	-	-	672	0	0	0	116	0	1,289	19	2,541	0	510	1	0	1	33,402
9	11,900				0	0	0	672	0	0	0	116	0	1,289	20	2,561	3	513	1	0	1	33,403
10	13,800				0	0	0	672	0	0	0	116	0	1,289	24	2,585	2	515	1	1	0	33,404
11	13,500	55.1	63	6.3	0	0	0	672	0	0	0	116	0	1,289	36	2,621	2	517	4	2	2	33,408
12	13,500	55.1	59	6.3	0	0	0	672	0	0	0	116	0	1,289	16	2,637	0	517	1	0	1	33,409
13	13,100	55.1	58	6.2	0	0	0	672	0	0	0	116	0	1,289	15	2,652	0	517	1	0	1	33,410
14	11,700				0	0	0	672	0	0	0	116	0	1,289	18	2,670	4	521	3	1	2	33,413
15	11,700	55.1	59	6.2	0	0	0	672	0	0	0	116	0	1,289	15	2,685	0	521	6	4	2	33,419
16	11,700				0	0	0	672	0	0	0	116	0	1,289	15	2,700	0	521	13	2	11	33,432
17	11,400				0	0	0	672	0	0	0	116	0	1,289	18	2,718	0	521	11	3	8	33,443
18	11,800	55.0	59	5.1	0	0	0	672	0	0	0	116	0	1,289	15	2,733	0	521	9	1	8	33,452
19	13,400	55.1	58	5.1	1	-	-	673	0	0	0	116	0	1,289	3	2,736	0	521	5	-	-	33,457
20	15,300	55.9	57	4.9	0	0	0	673	0	0	0	116	0	1,289	4	2,740	0	521	10	-	-	33,467
21	14,800	56.0	56	4.8	0	0	0	673	0	0	0	116	0	1,289	2	2,742	0	521	5	-	-	33,472
22	14,900				0	0	0	673	0	0	0	116	0	1,289	14	2,756	0	521	6	-	-	33,478
23	15,900				0	0	0	673	0	0	0	116	0	1,289	7	2,763	0	521	4	-	-	33,482
24	17,300				0	0	0	673	0	0	0	116	0	1,289	2	2,765	0	521	5	-	-	33,487
25	17,500	55.6	52	5.8	0	0	0	673	0	0	0	116	0	1,289	5	2,770	0	521	6	-	-	33,493
26	17,000	55.4	52	5.8	0	0	0	673	0	0	0	116	0	1,289	2	2,772	0	521	5	-	-	33,498
27	17,500	55.7	51	5.6	0	0	0	673	0	0	0	116	0	1,289	6	2,778	0	521	7	-	-	33,505
28	17,200	55.7	49	5.2	0	0	0	673	0	0	0	116	0	1,289	2	2,780	0	521	5	-	-	33,510
29	17,400	55.9	49	5.2	0	0	0	673	0	0	0	116	0	1,289	0	2,780	0	521	2	-	-	33,512
30	17,600				0	0	0	673	0	0	0	116	0	1,289	6	2,786	0	521	4	-	-	33,516
31	18,700				0	0	0	673	0	0	0	116	0	1,289	5	2,791	0	521	9	-	-	33,525

WILLAMETTE FALLS FISHWAY COUNTS

Month November Year 2004

Date	Hydrological Data				Fall Chinook									Coho				Steelhead				
					Adult				Jack			Mini Jack		Adult		Jack		Winter			Cum.	
	Flow	HW	Temp	Vis	Daily		Cum.	Daily			Cum.	Daily	Cum.	Daily	Cum.	Daily						
					Total	Clipped		Unclip	673	Total						Clipped	Unclip	116	Total	Clipped	Unclip	0
1	19,500	54.9	49	5.5											3	2,794	1	522	6	0	6	6
2	19,300	54.4	50	5.5											5	2,799	0	522	8	0	8	14
3	20,300	55.8	49	5.6											3	2,802	0	522	7	0	7	21
4	23,700	56.3	47	5.5											5	2,807	0	522	8	0	8	29
5	21,300	55.8	47	4.0											9	2,816	0	522	10	0	10	39
6	19,600														11	2,827	0	522	4	0	4	43
7	19,100														3	2,830	0	522	1	0	1	44
8	19,000	55.2	45	4.4											3	2,833	0	522	3	0	3	47
9	18,300	55.1	45	4.4											2	2,835	0	522	3	0	3	50
10	17,300	54.9	45	4.6											2	2,837	0	522	7	0	7	57
11	16,800														2	2,839	0	522	11	0	11	68
12	16,200	54.7	45	5.5											1	2,840	0	522	6	0	6	74
13	15,700														0	2,840	1	523	4	0	4	78
14	14,500														0	2,840	0	523	10	0	10	88
15	13,800	54.4	46	5.6											1	2,841	0	523	5	0	5	93
16	13,900	54.2	47	5.6											0	2,841	0	523	6	0	6	99
17	13,000	54.3	47	5.6											3	2,844	0	523	2	0	2	101
18	13,600	54.2	47	5.8											0	2,844	0	523	5	0	5	106
19	12,500	54.2	47	5.8											0	2,844	0	523	10	0	10	116
20	12,000														1	2,845	0	523	2	0	2	118
21	11,500														1	2,846	0	523	5	0	5	123
22	11,200	53.9	47	5.4											0	2,846	0	523	1	0	1	124
23	11,200	53.8	41	5.5											0	2,846	1	524	3	0	3	127
24	11,000	53.8	41	5.5											0	2,846	0	524	3	0	3	130
25	12,000														0	2,846	0	524	4	0	4	134
26	16,200	54.1	43	5.6											0	2,846	0	524	3	0	3	137
27	16,200														0	2,846	0	524	6	0	6	143
28	15,100														0	2,846	0	524	4	0	4	147
29	14,300	54.1	41	4.6											0	2,846	0	524	10	0	10	157
30	13,400	54.2	40	4.6											0	2,846	0	524	0	0	0	157

WILLAMETTE FALLS FISHWAY COUNTS

Month December Year 2004

Date	Hydrological Data				Fall Chinook							Coho				Steelhead			
					Adult			Cum.	Jack			Cum.	Adult		Jack		Winter		
	Daily		Unclip	Daily		Unclip	Daily		Cum.	Daily	Cum.		Total	Daily					
	Flow	HW		Temp	Vis		Total	Clipped	Unclip	Total	Clipped	Unclip	Daily	Cum.	Daily	Cum.	Total	Clipped	Unclip
1	12,600	54.0	39	5.3								0	2,845	0	524	6	0	6	163
2	12,600	54.0	40	5.4								1	2,846	0	524	2	0	2	165
3	12,100	54.0	39	5.4								0	2,846	0	524	1	0	1	166
4	10,800											0	2,846	0	524	3	0	3	169
5	10,600											0	2,846	0	524	6	0	6	175
6	10,600	54.2	38	5.4								0	2,846	0	524	6	0	6	181
7	11,500	54.3	38	5.3								0	2,846	0	524	7	0	7	188
8	16,900	54.8	39	5.2								0	2,846	0	524	4	0	4	192
9	33,300	57.1	39	2.2								0	2,846	0	524	8	0	8	200
10	58,300	54.5	42	<1.0								0	2,846	0	524	6	0	6	206
11	62,100											0	2,846	0	524	5	0	5	211
12	64,700											0	2,846	0	524	11	0	11	222
13	58,300	54.5	42	<1.0								1	2,847	0	524	13	-	-	235
14	51,200	52.5	42	<1.0								1	2,848	0	524	20	-	-	255
15	48,300	57.6	42	<1.0								0	2,848	0	524	15	-	-	270
16	45,900	57.1	42	<1.0								0	2,848	0	524	4	0	4	274
17	39,600	56.5	40	<1.0								0	2,848	0	524	18	0	18	292
18	33,300											0	2,848	0	524	20	0	20	312
19	28,200											0	2,848	0	524	9	1	8	321
20	25,500	56.0	39	1.0								0	2,848	0	524	31	1	30	352
21	23,500	55.7	38	1.0								0	2,848	0	524	10	0	10	362
22	22,600	55.5	38	2.0								0	2,848	0	524	9	0	9	371
23	21,900	55.4	37	2.5								0	2,848	0	524	10	0	10	381
24	21,000											0	2,848	0	524	21	0	21	402
25	19,400											0	2,848	0	524	23	0	23	425
26	18,600											0	2,848	0	524	21	0	21	446
27	18,800	55.0	37	4.3								0	2,848	0	524	11	0	11	457
28	18,200	55.0	37	4.3								0	2,848	0	524	20	0	20	477
29	17,000	54.8	37	4.0								0	2,848	0	524	26	-	-	503
30	16,900	54.7	37	4.0								0	2,848	0	524	18	0	18	521
31	16,700											0	2,848	0	524	18	0	18	539