

WILLAMETTE FALLS FISHWAY COUNTS

Month January Year 2012

Date	Hydrological Data					Fall Chinook						Coho				Steelhead				Other	
						Adult		Jack		Mini Jack		Adult		Jack		Summer		Winter		Daily	Cum.
	Daily	Cum.	Daily	Cum.	Daily	Cum.	Daily	Cum.	Daily	Cum.	Daily	Cum.	Daily	Cum.							
1	81,500																		613		
2	66,000																	1	614		
3	54,000	25.6	44	58.8	<1.0													8	622		
4	49,000	23.7	44	58.1	<1.0													24	646		
5	47,000	22.3	45	57.7	1.2													97	743		
6	46,500	21.6	45	57.6	1.3													72	815		
7	42,000																	65	880		
8	36,400																	66	946		
9	31,500	18.9	43	56.6	1.6													89	1,035		
10	28,000	17.3	43	56.7	1.6													64	1,099		
11	24,000	16.7	42	56.4	2.0													82	1,181		
12	22,000	16.0	41	56.0	2.0													35	1,216		
13	21,000	15.6	40	55.7	2.3													9	1,225		
14	19,000																	5	1,230		
15	18,000																	1	1,231		
16	18,000																	0	1,231		
17	18,000	14.5	39	55.1	2.5													2	1,233		
18	30,000	16.1	38	56.1	2.5													3	1,236		
19	77,000	23.0	38	58.9	<1.0													19	1,255		
20	142,000																	-2	1,253		
21	161,000																	6	1,259		
22	140,000																	5	1,264		
23	107,000	39.7	43	62.6	<1.0													4	1,268		
24	99,200																	8	1,276		
25	101,000	35.0	42	61.2	<1.0													-2	1,274		
26	110,000	34.8	42	61.5	<1.0													-1	1,273		
27	115,000	35.5	43	61.5	<1.0													-2	1,271		
28	112,000																	7	1,278		
29	104,000																	-1	1,277		
30	92,400	32.7	41	60.7	<1.0													1	1,278		
31	85,700	31.5	41	60.3	<1.0													7	1,285		
																		10	1,295		

WILLAMETTE FALLS FISHWAY COUNTS

Month March Year 2012

Date	Hydrological Data					Spring Chinook						Coho				Steelhead				Other	
						Adult		Jack		Mini Jack		Adult		Jack		Summer		Winter			
	Flow	Tailwtr.	Temp.	Hwtr.	Turbidity	Daily	Cum.	Daily	Cum.	Daily	Cum.	Daily	Cum.	Daily	Cum.	Daily	Cum.	Daily	Cum.		
							1								0			3,776			
1	34,000	17.9	39	56.8	2.1	0	1								6	6	8	3,784			
2	36,700	20.3	39	57.0	1.3	0	1								0	6	2	3,786			
3	33,200					0	1								5	11	6	3,792			
4	30,000					0	1								15	26	53	3,845			
5	29,000	18.6	43	56.5	1.2	0	1								24	50	65	3,910			
6	30,000	18.0	42	56.8	2.2	0	1								40	90	113	4,023			
7	30,600	18.6	42	56.8	2.3	1	2								14	104	56	4,079			
8	28,000	18.2	42	56.7	2.4	0	2								12	116	24	4,103			
9	25,000	17.2	42	56.4	2.6	0	2								14	130	22	4,125			
10	24,000					0	2								26	156	30	4,155			
11	24,400					0	2								41	197	31	4,186			
12	27,300	17.1	43	56.5	2.7	0	2								31	228	46	4,232			
13	35,500	18.7	43	56.8	2.3	0	2								14	242	43	4,275			
14	47,000	22.9	42	57.9	<1.0	0	2								3	245	12	4,287			
15	47,300	24.1	42	58.4	<1.0	0	2								6	251	23	4,310			
16	67,300	27.4	43	59.4	<1.0	0	2								3	254	2	4,312			
17	84,600					0	2								2	256	6	4,318			
18	83,500					0	2								7	263	19	4,337			
19	73,600	31.4	44	60.2	<1.0	0	2								3	266	14	4,351			
20	58,500	28.4	44	59.3	<1.0	0	2								4	270	15	4,366			
21	62,000	26.6	43	58.9	<1.0	0	2								2	272	14	4,380			
22	78,000	27.8	43	59.6	<1.0	0	2								0	272	5	4,385			
23	87,700					0	2								0	272	-1	4,384			
24	89,100					0	2								2	274	5	4,389			
25	78,300					0	2								18	292	64	4,453			
26	65,000	28.3	46	59.3	<1.0	0	2								30	322	180	4,633			
27	57,800	26.0	46	58.7	<1.0	0	2								41	363	141	4,774			
28	55,700					0	2								73	436	150	4,924			
29	56,200	24.4	47	58.3	1.6	0	2								64	500	119	5,043			
30	67,800	25.8	47	59.1	1.5	0	2								21	521	85	5,128			
31	97,600					0	2								13	534	1	5,129			

Cumulative Adult Spring Chinook Mark Rate:

50.0%

WILLAMETTE FALLS FISHWAY COUNTS

Month April Year 2012

Date	Hydrological Data					Spring Chinook						Coho				Steelhead				Other		
						Adult		Jack		Mini Jack		Adult		Jack		Summer		Winter		Daily	Cum.	
	Daily	Cum.	Daily	Cum.	Daily	Cum.	Daily	Cum.	Daily	Cum.	Daily	Cum.	Daily	Cum.								
							2										534		5,129			
1	116,000					0	2										7	541	13	5,142		
2	121,000	37.3	48	61.9	<1.0	0	2										16	557	-3	5,139		
3	109,000	37.1	48	61.8	<1.0	0	2										12	569	24	5,163		
4	91,700	35.3	48	61.2	<1.0	0	2										26	595	39	5,202		
5	82,400	32.6	47	60.6	<1.0	0	2										21	616	19	5,221		
6	77,300					0	2										11	627	19	5,240		
7	66,200					0	2										22	649	44	5,284		
8	54,400					0	2										92	741	90	5,374		
9	44,100	23.7	49	57.9	2.0	2	4			0							303	1,044	198	5,572		
10	38,700	21.4	49	57.3	2.0	8	12	3	3								340	1,384	224	5,796		
11	34,400	20.1	50	56.8	2.6	20	32	1	4								181	1,565	150	5,946		
12	35,000	19.4	50	56.8	2.6	23	55	0	4								124	1,689	74	6,020		
13	36,000	19.4	50	56.8	2.8	18	73	0	4								131	1,820	52	6,072		
14	34,000					36	109	0	4								87	1,907	28	6,100		
15	31,000					34	143	0	4								86	1,993	48	6,148		
16	29,200	17.6	50	56.6	2.6	42	185	0	4								125	2,118	43	6,191		
17	34,200	17.6	50	56.7	2.6	51	236	0	4								108	2,226	51	6,242		
18	41,000	19.4	50	56.8	3.0	29	265	0	4								99	2,325	45	6,287		
19	43,800	20.5	49	57.0	3.0	9	274	0	4								46	2,371	27	6,314		
20	46,300	20.8	49	57.2	2.8	16	290	0	4								74	2,445	35	6,349		
21	50,000					7	297	0	4								63	2,508	28	6,377		
22	46,000					16	313	0	4								113	2,621	79	6,456		
23	43,000	21.0	53	57.2	2.7	34	347	1	5								164	2,785	69	6,525		
24	40,700	20.7	54	56.9	2.8	319	666	9	14								382	3,167	52	6,577		
25	41,400	20.3	54	56.8	3.2	603	1,269	15	29								223	3,390	78	6,655		
26	46,100	20.7	53	57.1	3.2	283	1,552	1	30								180	3,570	28	6,683		
27	50,000	21.8	52	57.5	3.3	165	1,717	2	32								157	3,727	28	6,711		
28	49,700					28	1,745	0	32								45	3,772	28	6,739		
29	42,600					50	1,795	0	32								78	3,850	17	6,756		
30	37,100	20.6	51	56.8	2.7	65	1,860	0	32								126	3,976	16	6,772		
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Cumulative Adult Spring Chinook Mark Rate:

74.2%

WILLAMETTE FALLS FISHWAY COUNTS

Month May Year 2012

Date	Hydrological Data					Spring Chinook						Coho				Steelhead				Other		
						Adult		Jack		Mini Jack		Adult		Jack		Summer		Winter				
	Flow	Tailwtr.	Temp.	Hwtr.	Turbidity	Daily	Cum.	Daily	Cum.	Daily	Cum.	Daily	Cum.	Daily	Cum.	Daily	Cum.	Daily	Cum.			
							1,860		32								3,976		6,772			
1	35,300	19.8	51	56.8	3.0	55	1,915	0	32								82	4,058	20	6,792		
2	40,600	19.9	52	56.9	3.8	86	2,001	1	33								109	4,167	13	6,805		
3	40,500	20.8	50	56.9	3.6	47	2,048	1	34								58	4,225	9	6,814		
4	43,900					27	2,075	0	34								70	4,295	14	6,828		
5	45,000					26	2,101	1	35								100	4,395	11	6,839		
6	43,100					32	2,133	0	35								91	4,486	24	6,863		
7	38,800					52	2,185	2	37								170	4,656	26	6,889		
8	35,500		52		3.6	282	2,467	8	45								205	4,861	26	6,915		
9	32,800	18.9	54	56.9	3.8	2,087	4,554	80	125	4	4						325	5,186	47	6,962		
10	29,200	17.8	55	56.7	4.5	1,676	6,230	23	148	0	4						264	5,450	35	6,997		
11	25,400	16.9	56	56.2	4.6	1,694	7,924	20	168	2	6						295	5,745	30	7,027		
12	23,200					1,184	9,108	53	221	1	7						204	5,949	27	7,054		
13	21,700					1,390	10,498	49	270	1	8						286	6,235	28	7,082		
14	21,200					1,435	11,933	57	327	5	13						456	6,691	58	7,140		
15	21,100	14.9	59	55.8	5.5	1,487	13,420	46	373	5	18						359	7,050	32	7,172		
16	21,200	15.0	60	55.4	5.6	1,460	14,880	41	414	8	26						508	7,558	30	7,202		
17	21,300	14.8	60	55.4	6.0	811	15,691	28	442	0	26						395	7,953	26	7,228		
18	20,900	14.7	60	55.4	6.1	678	16,369	29	471	5	31						295	8,248	34	7,262		
19	19,600					567	16,936	28	499	1	32						399	8,647	29	7,291		
20	17,500					258	17,194	14	513	1	33						261	8,908	21	7,312		
21	16,800	13.9	58	54.7	6.3	206	17,400	10	523	1	34						259	9,167	32	7,344		
22	17,100	13.9	58	54.7	6.0	235	17,635	11	534	2	36						240	9,407	32	7,376		
23	21,300	14.5	57	55.2	5.7	157	17,792	6	540	2	38						225	9,632	13	7,389		
24	21,700	15.4	57	55.5	5.7	96	17,888	3	543	0	38						199	9,831	7	7,396		
25	25,200					73	17,961	1	544	0	38						186	10,017	8	7,404		
26	27,800					78	18,039	7	551	0	38						294	10,311	16	7,420		
27	29,400					208	18,247	10	561	1	39						263	10,574	55	7,475		
28	27,800					283	18,530	17	578	2	41						292	10,866	52	7,527		
29	24,700	16.1	54	56.0	4.5	470	19,000	27	605	13	54						395	11,261	29	7,556		
30	21,700	15.3	55	55.6	4.5	830	19,830	45	650	6	60						519	11,780	37	7,593		
31	19,000					933	20,763	56	706	17	77						373	12,153	23	7,616		

Cumulative Adult Spring Chinook Mark Rate: 76.6%

WILLAMETTE FALLS FISHWAY COUNTS

Month June Year 2012

Date	Hydrological Data					Spring Chinook						Coho				Steelhead				Other		
						Adult		Jack		Mini Jack		Adult		Jack		Summer		Winter		Daily	Cum.	
	Daily	Cum.	Daily	Cum.	Daily	Cum.	Daily	Cum.	Daily	Cum.	Daily	Cum.	Daily	Cum.								
							20,763		706		77						12,153					
1	17,100	13.7	58	55.1	6.0	608	21,371	43	749	6	83						398	12,551				
2	16,300					433	21,804	24	773	6	89						377	12,928				
3	16,700					463	22,267	15	788	11	100						331	13,259				
4	16,100	13.3	63	54.5	6.7	416	22,683	14	802	6	106						262	13,521				
5	17,300	13.4	62	54.6	6.0	324	23,007	9	811	8	114						283	13,804				
6	28,300	15.9	58	54.9	5.0	290	23,297	11	822	2	116						291	14,095				
7	32,500	17.5	57	55.8	5.0	167	23,464	8	830	2	118						349	14,444				
8	31,300	17.8	57	55.8	4.1	103	23,567	6	836	1	119						271	14,715				
9	30,100					106	23,673	3	839	0	119						306	15,021				
10	32,000					115	23,788	3	842	3	122						463	15,484				
11	31,400	18.1	54	55.9	4.4	102	23,890	2	844	1	123						391	15,875				
12	26,700	17.4	55	55.6	4.3	227	24,117	12	856	2	125						474	16,349				
13	23,800	15.8	58	55.8	5.0	341	24,458	9	865	5	130						424	16,773				
14	21,500	15.2	58	55.5	5.1	439	24,897	18	883	9	139						377	17,150				
15	19,700	14.7	59	55.3	6.3	384	25,281	15	898	12	151						391	17,541				
16	18,300					744	26,025	19	917	8	159						440	17,981				
17	18,600					823	26,848	24	941	22	181						390	18,371				
18	17,800	14.8	64	54.6	6.2	1,089	27,937	18	959	19	200						389	18,760				
19	16,300	13.7	64	54.6	6.2	856	28,793	33	992	25	225						372	19,132				
20	15,700	13.7	63	54.6	6.3	554	29,347	16	1,008	29	254						370	19,502				
21	15,300	13.6	63	54.6	6.4	440	29,787	12	1,020	6	260						324	19,826				
22	14,000	13.2	64	54.6	6.5	390	30,177	7	1,027	14	274						265	20,091				
23	14,100					385	30,562	12	1,039	13	287						204	20,295				
24	15,600					306	30,868	20	1,059	7	294						270	20,565				
25	16,200	13.7	63	54.6	6.6	328	31,196	9	1,068	25	319						275	20,840				
26	16,000	14.2	63	54.6	6.6	319	31,515	11	1,079	54	373						261	21,101				
27	15,800	14.2	62	54.6	7.0	280	31,795	6	1,085	55	428						255	21,356				
28	15,200	14.7	62	54.6	7.0	224	32,019	1	1,086	54	482						258	21,614				
29	14,200	14.0	62	54.6	7.0	148	32,167	6	1,092	74	556						220	21,834				
30	13,600					279	32,446	7	1,099	66	622						185	22,019				
31																						

Cumulative Adult Spring Chinook Mark Rate: 77.7%

WILLAMETTE FALLS FISHWAY COUNTS

Month July Year 2012

Date	Hydrological Data					Spring Chinook						Coho				Steelhead				Other	
						Adult		Jack		Mini Jack		Adult		Jack		Summer		Winter			
	Flow	Tailwtr.	Temp.	Hwtr.	Turbidity	Daily	Cum.	Daily	Cum.	Daily	Cum.	Daily	Cum.	Daily	Cum.	Daily	Cum.	Daily	Cum.		
							32,446		1,099		622						22,019				
1	13,300					261	32,707	16	1,115	73	695						170	22,189			
2	13,100					283	32,990	14	1,129	100	795						199	22,388			
3	12,700	13.3	62	54.3	6.6	252	33,242	15	1,144	95	890						136	22,524			
4	12,500					250	33,492	10	1,154	118	1,008						113	22,637			
5	12,400	12.3	64	54.2	7.2	204	33,696	12	1,166	102	1,110						103	22,740			
6	12,000	12.4	66	53.7	7.3	240	33,936	6	1,172	116	1,226						134	22,874			
7	11,800					311	34,247	11	1,183	154	1,380						186	23,060			
8	11,400					288	34,535	14	1,197	123	1,503						140	23,200			
9	11,000	12.4	70	52.8	6.0	182	34,717	8	1,205	137	1,640						73	23,273			
10	10,500	12.2	72	52.8	6.8	42	34,759	4	1,209	46	1,686						16	23,289			
11	10,400	12.0	72	52.8	7.8	72	34,831	3	1,212	73	1,759						34	23,323			
12	10,300	11.9	74	52.7	7.8	15	34,846	0	1,212	15	1,774						14	23,337			
13	10,000	12.0	74	52.7	7.8	52	34,898	3	1,215	117	1,891						66	23,403			
14	9,700					25	34,923	3	1,218	53	1,944						11	23,414			
15	9,500					6	34,929	0	1,218	22	1,966						7	23,421			
16	9,500	11.9	73	52.7	6.6	4	34,933	1	1,219	44	2,010						6	23,427			
17	9,400	12.1	73	52.7	6.8	2	34,935	1	1,220	8	2,018						6	23,433			
18	9,240	11.5	73	52.8	6.8	8	34,943	1	1,221	36	2,054						11	23,444			
19	9,240	11.9	73	52.7	7.2	7	34,950	1	1,222	70	2,124						26	23,470			
20	9,200	11.4	73	52.9	7.2	13	34,963	2	1,224	39	2,163						22	23,492			
21	9,000					19	34,982	2	1,226	46	2,209						36	23,528			
22	8,900					44	35,026	7	1,233	77	2,286						36	23,564			
23	8,950	12.4	70	52.8	7.2	75	35,101	6	1,239	75	2,361						35	23,599			
24	8,800	12.4	70	52.8	7.2	100	35,201	10	1,249	90	2,451						64	23,663			
25	8,700	12.2	70	52.8	7.3	159	35,360	13	1,262	154	2,605						100	23,763			
26	8,500	8.5	70	55.3	6.8	172	35,532	18	1,280	146	2,751						101	23,864			
27	8,400	11.5	70	56.1	6.8	45	35,577	5	1,285	116	2,867						32	23,896			
28	8,350					28	35,605	3	1,288	86	2,953						30	23,926			
29	8,350					46	35,651	5	1,293	73	3,026						50	23,976			
30	8,350					28	35,679	3	1,296	97	3,123						21	23,997			
31	8,300	9.0	72	55.6	7.2	38	35,717	3	1,299	46	3,169						16	24,013			

Cumulative Adult Spring Chinook Mark Rate: 76.8%

WILLAMETTE FALLS FISHWAY COUNTS

Month August

Year 2012

Date	Hydrological Data					Spr./Fall Chinook						Coho				Steelhead				Other	
						Adult		Jack		Mini Jack		Adult		Jack		Summer		Winter			
	Flow	Tailwtr.	Temp.	Hwtr.	Turbidity	Daily	Cum.	Daily	Cum.	Daily	Cum.	Daily	Cum.	Daily	Cum.	Daily	Cum.	Daily	Cum.		
							35,717		1,299		3,169		0		0		24,013				
1	8,100	8.3	72	56.0	7.2	14	35,731	0	1,299	34	3,203					17	24,030				
2	8,100	8.8	73	56.0	7.2	33	35,764	2	1,301	87	3,290					22	24,052				
3	8,100	9.5	73	56.0	7.2	29	35,793	2	1,303	90	3,380					20	24,072				
4	8,400					12	35,805	4	1,307	37	3,417					7	24,079				
5	8,350					11	35,816	0	1,307	67	3,484					10	24,089				
6	8,350	9.5	73	56.2	6.8	6	35,822	1	1,308	38	3,522					15	24,104				
7	8,200	9.3	74	56.2	6.8	6	35,828	0	1,308	55	3,577					10	24,114				
8	8,100	9.5	74	56.1	6.6	2	35,830	1	1,309	43	3,620					3	24,117				
9	8,130	9.3	75	56.1	6.8	7	35,837	2	1,311	36	3,656					4	24,121				
10	8,000	7.9	75	56.2	6.8	10	35,847	1	1,312	30	3,686		0		0	3	24,124				
11	8,100					15	35,862	0	1,312	39	3,725	1	1	2	2	3	24,127				
12	7,950					13	35,875	1	1,313	48	3,773	2	3	2	4	7	24,134				
13	8,000	9.3	73	56.1	7.0	12	35,887	0	1,313	40	3,813	2	5	5	9	9	24,143				
14	8,000	8.1	73	56.1	7.0	2	35,889	1	1,314	27	3,840	1	6	1	10	6	24,149				
15	7,900	9.2	73	56.1	6.3	10	35,899	0	1,314	37	3,877	2	8	4	14	3	24,152				
16	7,800	8.0	75	56.1	6.3	2	2	1	1	22	3,899	1	9	5	19	7	24,159				
17	7,700					3	5	2	3	9	3,908	1	10	0	19	0	24,159				
18	7,700					2	7	0	3	9	3,917	0	10	3	22	1	24,160				
19	8,000					6	13	1	4	6	3,923	0	10	0	22	0	24,160				
20	8,300					4	17	0	4	14	3,937	0	10	0	22	1	24,161				
21	8,300	9.0	75	56.1	7.8	4	21	2	6	4	3,941	0	10	5	27	0	24,161				
22	8,300	8.8	75	56.1	7.8	11	32	1	7	7	3,948	1	11	6	33	3	24,164				
23	8,300	8.2	73	56.0	8.0	6	38	0	7	13	3,961	2	13	12	45	2	24,166				
24	8,300	8.9	73	56.0	8.0	13	51	5	12	16	3,977	2	15	13	58	7	24,173				
25	8,200					19	70	0	12	17	3,994	2	17	4	62	8	24,181				
26	8,200					17	87	5	17	29	4,023	2	19	5	67	14	24,195				
*27	8,200	8.2	70	56.0	7.3	1	88	4	21	4	4,027	0	19	1	68	3	24,198				
*28	8,200					-	88	-	21	-	4,027	-	19	-	68	-	24,198				
*29	8,200					-	88	-	21	-	4,027	-	19	-	68	-	24,198				
*30	8,200					-	88	-	21	-	4,027	-	19	-	68	-	24,198				
*31	8,200					22	110	8	29	10	4,037	1	20	3	71	22	24,220				

Cumulative Adult Spring Chinook Mark Rate:

76.6%

* Annual maintenance shutdown

WILLAMETTE FALLS FISHWAY COUNTS

Month October

Year 2012

Date	Hydrological Data					Fall Chinook						Coho				Steelhead				Other	
						Adult		Jack		Mini Jack		Adult		Jack		Summer		Winter			
	Flow	Tailwtr.	Temp.	Hwtr.	Turbidity	Daily	Cum.	Daily	Cum.	Daily	Cum.	Daily	Cum.	Daily	Cum.	Daily	Cum.	Daily	Cum.		
							1,610		415		4,126		3,906		4,476		24,499				
1	10,900	11.4	61	55.9	8.2	18	1,628	1	416	0	4,126	273	4,179	310	4,786	10	24,509				
2	10,800	12.7	61	54.8	8.2	28	1,656	0	416	0	4,126	250	4,429	255	5,041	7	24,516				
3	11,000	12.7	62	54.0	8.3	13	1,669	0	416	0	4,126	211	4,640	130	5,171	22	24,538				
4	11,100	11.6	62	56.0	8.3	24	1,693	6	422	0	4,126	133	4,773	151	5,322	8	24,546				
5	11,500	12.4	60	55.9	7.3	7	1,700	0	422	0	4,126	112	4,885	76	5,398	4	24,550				
6	11,800					14	1,714	2	424	0	4,126	59	4,944	72	5,470	3	24,553				
7	12,000					21	1,735	1	425	0	4,126	84	5,028	73	5,543	9	24,562				
8	12,000	13.0	58	55.9	7.2	5	1,740	1	426	0	4,126	92	5,120	70	5,613	6	24,568				
9	12,000	12.7	58	55.9	7.2	13	1,753	0	426	0	4,126	147	5,267	96	5,709	8	24,576				
10	12,100	12.8	58	55.8	6.8	8	1,761	1	427	0	4,126	116	5,383	71	5,780	9	24,585				
11	12,200	13.0	58	55.9	6.8	12	1,773	0	427	0	4,126	72	5,455	55	5,835	6	24,591				
12	12,200	13.0	57	55.9	5.8	0	1,773	0	427	0	4,126	61	5,516	29	5,864	6	24,597				
13	12,800					1	1,774	2	429	0	4,126	124	5,640	55	5,919	9	24,606				
14	12,700					1	1,775	0	429	0	4,126	97	5,737	48	5,967	14	24,620				
15	12,900	13.5	57	55.9	5.7	4	1,779	0	429	0	4,126	106	5,843	57	6,024	7	24,627				
16	13,800	13.8	57	55.9	5.6	0	1,779	0	429	0	4,126	128	5,971	66	6,090	7	24,634				
17	17,500	15.2	58	56.1	5.5	6	1,785	0	429	0	4,126	81	6,052	52	6,142	3	24,637				
18	14,900	15.4	58	56.1	5.5	4	1,789	0	429	0	4,126	66	6,118	25	6,167	4	24,641				
19	13,300					0	1,789	0	429	0	4,126	53	6,171	16	6,183	6	24,647				
20	13,100					1	1,790	0	429	0	4,126	94	6,265	31	6,214	5	24,652				
21	14,800					0	1,790	0	429	0	4,126	39	6,304	10	6,224	6	24,658				
22	15,200	14.6	53	55.9		0	1,790	0	429	0	4,126	21	6,325	21	6,245	7	24,665				
23	14,900	14.4	53	55.8	5.4	1	1,791	0	429	0	4,126	29	6,354	8	6,253	0	24,665				
24	15,000	14.4	53	56.0	5.4	0	1,791	0	429	0	4,126	24	6,378	5	6,258	2	24,667				
25	15,400	14.4	52	55.9	5.3	0	1,791	0	429	0	4,126	10	6,388	7	6,265	4	24,671				
26	16,200	14.4	51	55.9	5.2	0	1,791	0	429	0	4,126	3	6,391	9	6,274	13	24,684				
27	16,600					0	1,791	0	429	0	4,126	4	6,395	7	6,281	6	24,690				
28	18,900					0	1,791	0	429	0	4,126	10	6,405	-4	6,277	6	24,696				
29	29,500	14.9	52		3.5	0	1,791	0	429	0	4,126	21	6,426	32	6,309	7	24,703				
30	34,200	14.9	52		3.3	0	1,791	0	429	0	4,126	22	6,448	9	6,318	6	24,709				
31	32,000	14.9	54	57.6	1.8	0	1,791	0	429	0	4,126	22	6,470	4	6,322	19	24,728				

WILLAMETTE FALLS FISHWAY COUNTS

Month December

Year 2012

Date	Hydrological Data					Fall Chinook						Coho				Steelhead				Other	
						Adult		Jack		Mini Jack		Adult		Jack		Summer		Winter			
	Flow	Tailwtr.	Temp.	Hwtr.	Turbidity	Daily	Cum.	Daily	Cum.	Daily	Cum.	Daily	Cum.	Daily	Cum.	Daily	Cum.	Daily	Cum.		
												6,569	6,370				140				
1	60,700											0	6,569	0	6,370			5	145		
2	71,100											0	6,569	0	6,370			1	146		
3	85,200	28.4	48	60.0	<1.0							0	6,569	0	6,370			2	148		
4	91,000	30.3	48	60.4	<1.0							0	6,569	0	6,370			1	149		
5	98,200	32.7	48	61.1	<1.0							0	6,569	0	6,370			0	149		
6	96,000	33.6	48	61.0	<1.0							0	6,569	0	6,370			0	149		
7	91,400	33.5	48	60.8	<1.0							0	6,569	0	6,370			1	150		
8	86,000											0	6,569	0	6,370			0	150		
9	78,300											0	6,569	0	6,370			2	152		
10	70,600		46	60.0	<1.0							0	6,569	0	6,370			7	159		
11	65,200		46	59.8	<1.0							0	6,569	0	6,370			17	176		
12	60,300		48	59.0	<1.0							0	6,569	0	6,370			37	213		
13	55,600		48	59.0	<1.0							0	6,569	0	6,370			24	237		
14	52,000		46	58.6	<1.0							0	6,569	0	6,370			20	257		
15	47,000											0	6,569	0	6,370			6	263		
16	44,000											0	6,569	0	6,370			8	271		
17	46,500	21.4	44	57.7	1.3							0	6,569	0	6,370			5	276		
18	60,500	24.7	44	58.6	1.3							2	6,571	0	6,370			1	277		
19	65,600	27.1	42	59.2	<1.0							0	6,571	0	6,370			1	278		
20	63,000	27.4	42	59.2	<1.0							0	6,571	0	6,370			3	281		
21	65,700	28.1	41	59.5	<1.0							0	6,571	0	6,370			2	283		
22	67,200											0	6,571	0	6,370			3	286		
23	60,600											0	6,571	0	6,370			4	290		
24	60,000	27.0	41	59.2	<1.0							0	6,571	0	6,370			11	301		
25	57,000											0	6,571	0	6,370			3	304		
26	57,000	26.7	41	58.9	<1.0							0	6,571	0	6,370			8	312		
27	55,600											0	6,571	0	6,370			23	335		
28	52,400											0	6,571	0	6,370			37	372		
29	47,300											0	6,571	0	6,370			40	412		
30	41,500											0	6,571	0	6,370			26	438		
31	36,000	21.0	42	57.2	1.0							0	6,571	0	6,370			24	462		