

WILLAMETTE FALLS FISHWAY COUNTS

Month January Year 2013

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	32,700											0	6,571										
2	27,200	19.1	40	56.4	2.3							0	6,571							18	480		
3	24,400	18.2	40	55.9	2.4							0	6,571							14	494		
4	22,700	17.5	38	55.8	2.4							0	6,571							2	496		
5	21,400											0	6,571							3	499		
6	20,500											0	6,571							5	504		
7	20,000	16.7	40	55.2	2.8							0	6,571							13	517		
8	22,000	15.8	40	55.7	2.8							0	6,571							19	536		
9	26,400	16.3	40	56.6	3.0							0	6,571							38	574		
10	29,100	17.0	43	56.8	3.0							0	6,571							56	630		
11	30,300	17.6	42	56.8	3.0							0	6,571							35	665		
12	27,700											0	6,571							20	685		
13	24,900											0	6,571							7	692		
14	23,100	16.0	39	56.3	3.2							0	6,571							0	692		
15	21,300	15.8	38	55.7	3.2							0	6,571							3	695		
16	21,900	15.4	38	55.5	3.5							0	6,571							3	698		
17	19,400	15.3	38	55.2	3.8							0	6,571							2	700		
18	18,700											0	6,571							3	703		
19	19,100											0	6,571							8	711		
20	20,700											0	6,571							2	713		
21	21,000											0	6,571							2	715		
22	20,600	14.6	38	55.6	4.6							0	6,571							5	720		
23	20,000	14.6	38	55.4	4.7							0	6,571							0	720		
24	19,900											0	6,571							0	720		
25	20,900	14.4	39	55.5	4.8							0	6,571							0	720		
26	24,800											0	6,571							14	734		
27	31,100											1	6,572							14	748		
28	34,400	17.9	40	56.8	4.0							0	6,572							16	764		
29	37,100	18.7	40	56.8	2.5							0	6,572							25	789		
30	48,000	20.5	40	57.4	1.7							0	6,572							59	848		
31	47,200	22.0	42	57.6	1.5							0	6,572							44	892		

WILLAMETTE FALLS FISHWAY COUNTS

Month March Year 2013

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.		
							2								0		1,604				
1	19,500	14.6	45	55.2	2.6	0	2								9	9	39	1,643			
2	22,300					0	2								43	52	110	1,753			
3	20,900					0	2								32	84	120	1,873			
4	19,900	14.6	45	55.6	4.0	0	2								33	117	60	1,933			
5	18,400	15.0	46	55.4	4.5	1	3								8	125	40	1,973			
6	18,000	14.7	46	55.3	4.5	1	4								4	129	18	1,991			
7	20,500	13.9	44	55.4	4.3	1	5								8	137	3	1,994			
8	20,600	15.3	44	55.7	4.3	0	5								8	145	6	2,000			
9	18,800					0	5								15	160	7	2,007			
10	17,500					0	5								19	179	9	2,016			
11	16,300	14.2	47	55.0	3.8	0	5								37	216	57	2,073			
12	15,900	13.9	47	54.8	3.8	0	5								24	240	50	2,123			
13	15,500	13.6	48	54.7	4.5	1	6								14	254	44	2,167			
14	15,400	13.7	48	54.5	4.7	0	6								30	284	69	2,236			
15	15,300					1	7								52	336	192	2,428			
16	15,400					1	8								68	404	146	2,574			
17	15,300					1	9								63	467	236	2,810			
18	15,800	12.9	50	54.3	5.5	1	10								18	485	79	2,889			
19	15,000	13.0	50	54.3	5.5	3	13								23	508	50	2,939			
20	15,200	13.2	48	54.2	5.0	0	13								19	527	34	2,973			
21	23,200	15.2	48	55.7	3.6	1	14								25	552	81	3,054			
22	23,800	16.5	48	56.4	2.2	0	14								33	585	49	3,103			
23	21,100					0	14								38	623	42	3,145			
24	19,100					1	15								33	656	26	3,171			
25	17,700	15.0	46	55.3	2.8	1	16								53	709	6	3,177			
26	16,600	14.5	48	55.1	3.0	1	17								35	744	15	3,192			
27	15,700	14.1	48	54.9	4.3	1	18								39	783	19	3,211			
28	15,400					2	20								39	822	43	3,254			
29	15,100					2	22								58	880	114	3,368			
30	14,900					11	33								82	962	133	3,501			
31	14,700					14	47								58	1,020	111	3,612			

Cumulative Adult Spring Chinook Mark Rate: 70.2%

WILLAMETTE FALLS FISHWAY COUNTS

Month April Year 2013

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.		
							47								1,020		3,612				
1	14,700	13.8	56	54.3	5.3	42	89								72	1,092	186	3,798			
2	15,100	13.4	56	54.3	5.4	21	110								44	1,136	78	3,876			
3	16,200	13.4	58	54.3	6.0	76	186		0						72	1,208	75	3,951			
4	16,100	13.7	58	54.3	6.0	128	314	1	1						53	1,261	53	4,004			
5	16,900	13.2	56	54.3	5.5	83	397	0	1						64	1,325	69	4,073			
6	21,500					74	471	1	2						63	1,388	61	4,134			
7	27,300					20	491	0	2						72	1,460	57	4,191			
8	34,700	14.7	50	56.9	3.6	10	501	0	2						17	1,477	20	4,211			
9	34,900	14.2	50	56.9	3.5	1	502	0	2						25	1,502	25	4,236			
10	30,900	14.2	49	56.8	2.4	4	506	0	2						25	1,527	10	4,246			
11	28,500	13.7	49	56.7	2.9	4	510	0	2						62	1,589	26	4,272			
12	26,200	13.8	49	56.4	3.6	7	517	0	2						48	1,637	10	4,282			
13	22,300					4	521	0	2						34	1,671	8	4,290			
14	20,200					15	536	0	2						35	1,706	10	4,300			
15	19,400	13.3	50	55.4	5.5	15	551	0	2						31	1,737	8	4,308			
16	18,300	12.8	50	55.2	5.5	24	575	0	2						33	1,770	10	4,318			
17	17,900	12.5	50	54.5	5.8	48	623	3	5						87	1,857	14	4,332			
18	19,200	12.4	51	54.4	6.0	77	700	1	6						62	1,919	16	4,348			
19	18,600					102	802	0	6						32	1,951	4	4,352			
20	19,700					297	1,099	9	15						103	2,054	32	4,384			
21	21,800					338	1,437	16	31						92	2,146	17	4,401			
22	21,200	13.3	53	55.6	5.8	457	1,894	29	60						84	2,230	27	4,428			
23	19,900	13.2	54	55.4	6.0	223	2,117	4	64						74	2,304	15	4,443			
24	18,500	13.1	54	55.2	6.0	495	2,612	18	82						80	2,384	22	4,465			
25	16,900	13.2	55	54.9	6.2	991	3,603	37	119						118	2,502	29	4,494			
26	16,300	13.0	57	54.6	6.5	1,032	4,635	23	142						76	2,578	26	4,520			
27	16,100					628	5,263	23	165						76	2,654	11	4,531			
28	16,000					908	6,171	35	200						70	2,724	26	4,557			
29	15,800	12.8	59	54.3	7.0	1,034	7,205	49	249						93	2,817	25	4,582			
30	15,800	12.4	60	54.4	7.0	501	7,706	26	275	1	1				75	2,892	19	4,601			
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Cumulative Adult Spring Chinook Mark Rate: 77.7%

WILLAMETTE FALLS FISHWAY COUNTS

Month May Year 2013

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.			
							7,706		275		1						2,892		4,601			
1	15,400	12.0	59	54.3	6.9	324	8,030	12	287	0	1						54	2,946	5	4,606		
2	14,500	11.9	58	54.3	6.9	311	8,341	16	303	0	1						61	3,007	6	4,612		
3	15,600	11.9	58	54.3	6.8	451	8,792	14	317	0	1						64	3,071	9	4,621		
4	15,700					385	9,177	15	332	0	1						57	3,128	7	4,628		
5	15,500					791	9,968	25	357	4	5						82	3,210	14	4,642		
6	15,700	12.1	60	54.4	6.6	885	10,853	37	394	3	8						98	3,308	12	4,654		
7	16,000	12.0	62	54.4	6.8	701	11,554	26	420	3	11						95	3,403	21	4,675		
8	16,000	11.7	63	54.5	7.2	601	12,155	30	450	1	12						92	3,495	11	4,686		
9	15,500	11.5	63	54.4	7.3	508	12,663	21	471	0	12						66	3,561	17	4,703		
10	15,200	11.4	63	54.3	7.5	397	13,060	23	494	3	15						90	3,651	9	4,712		
11	14,900					587	13,647	24	518	4	19						57	3,708	11	4,723		
12	14,700					513	14,160	24	542	0	19						68	3,776	6	4,729		
13	15,000	11.3	64	54.3	7.3	354	14,514	17	559	1	20						86	3,862	16	4,745		
14	15,000	10.9	64	54.4	7.0	342	14,856	29	588	5	25						126	3,988	18	4,763		
15	14,400	10.9	64	54.3	7.0	269	15,125	20	608	4	29						125	4,113	18	4,781		
16	14,000	10.8	62	54.2	7.5	206	15,331	13	621	2	31						105	4,218	11	4,792		
17	13,800	10.6	62	54.2	7.5	141	15,472	5	626	0	31						81	4,299	11	4,803		
18	14,400					62	15,534	1	627	0	31						83	4,382	11	4,814		
19	14,400					65	15,599	5	632	0	31						69	4,451	5	4,819		
20	14,500	9.9	59	54.4	6.7	55	15,654	5	637	0	31						72	4,523	5	4,824		
21	14,500	10.2	59	54.3	6.8	105	15,759	9	646	1	32						99	4,622	7	4,831		
22	14,400	12.5	59	54.4	6.0	81	15,840	5	651	2	34						113	4,735	9	4,840		
23	15,500	12.3	58	54.5	5.8	44	15,884	1	652	0	34						112	4,847	14	4,854		
24	16,800					27	15,911	1	653	1	35						136	4,983	14	4,868		
25	17,300					68	15,979	14	667	0	35						199	5,182	5	4,873		
26	15,900					284	16,263	30	697	3	38						198	5,380	11	4,884		
27	15,600					449	16,712	38	735	6	44						133	5,513	10	4,894		
28	17,900	11.7	58	55.2	4.8	443	17,155	28	763	6	50						196	5,709	22	4,916		
29	20,700	11.9	58	55.7	3.8	244	17,399	26	789	0	50						144	5,853	8	4,924		
30	21,700	15.1	58	55.9	4.0	273	17,672	25	814	0	50						279	6,132	15	4,939		
31	23,500	14.7	58	56.1	4.4	155	17,827	13	827	1	51						267	6,399	5	4,944		

Cumulative Adult Spring Chinook Mark Rate: 77.9%

WILLAMETTE FALLS FISHWAY COUNTS

Month June Year 2013

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.								
							17,827		827		51						6,399					
1	20,600					184	18,011	23	850	8	59						306	6,705				
2	17,200					245	18,256	28	878	0	59						239	6,944				
3	15,400	14.0	60	55.0	5.2	308	18,564	27	905	12	71						239	7,183				
4	14,200	13.4	60	54.6	6.0	345	18,909	25	930	8	79						179	7,362				
5	13,200	12.9	62	54.4	6.6	466	19,375	30	960	5	84						281	7,643				
6	12,500	12.5	64	54.2	6.4	539	19,914	42	1,002	25	109						284	7,927				
7	11,900					514	20,428	39	1,041	25	134						253	8,180				
8	11,400					451	20,879	35	1,076	27	161						193	8,373				
9	11,100					414	21,293	22	1,098	28	189						202	8,575				
10	10,800	11.5	69	53.9	6.3	330	21,623	17	1,115	37	226						177	8,752				
11	10,400	11.1	69	53.8	6.4	325	21,948	19	1,134	58	284						158	8,910				
12	10,500	10.8	68	53.8	6.4	211	22,159	17	1,151	80	364						141	9,051				
13	11,200					226	22,385	16	1,167	75	439						120	9,171				
14	11,400	10.3	65	53.9	6.3	270	22,655	23	1,190	74	513						159	9,330				
15	11,400					269	22,924	22	1,212	96	609						165	9,495				
16	11,100					252	23,176	18	1,230	137	746						184	9,679				
17	10,500	10.2	63	53.7	5.8	324	23,500	32	1,262	145	891						194	9,873				
18	10,000	10.2	64	53.6	5.8	391	23,891	18	1,280	129	1,020						194	10,067				
19	10,000	10.2	66	53.6	6.5	270	24,161	10	1,290	150	1,170						194	10,261				
20	10,400	10.0	66	53.7	6.5	285	24,446	11	1,301	255	1,425						184	10,445				
21	10,500	9.8	68	53.8	6.2	230	24,676	12	1,313	224	1,649						162	10,607				
22	10,300					168	24,844	11	1,324	171	1,820						132	10,739				
23	10,100					189	25,033	18	1,342	244	2,064						168	10,907				
24	10,200	10.0	65	53.7	6.4	151	25,184	7	1,349	217	2,281						121	11,028				
25	10,400	9.9	65	53.8	6.4	120	25,304	3	1,352	124	2,405						142	11,170				
26	10,800	9.6	67	53.9	6.5	150	25,454	4	1,356	160	2,565						140	11,310				
27	11,500	9.4	68	54.0	6.6	119	25,573	9	1,365	182	2,747						118	11,428				
28	11,000	9.2	68	54.0	6.3	108	25,681	6	1,371	207	2,954						118	11,546				
29	10,200					108	25,789	7	1,378	273	3,227						143	11,689				
30	9,860					119	25,908	16	1,394	319	3,546						122	11,811				
31																						

Cumulative Adult Spring Chinook Mark Rate: 76.4%

WILLAMETTE FALLS FISHWAY COUNTS

Month July Year 2013

Date	Hydrological Data					Spring Chinook						Coho				Steelhead				Daily		Cum.	
						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.				
							25,908		1,394		3,546						11,811						
1	9,560	9.4	70	53.8	7.0	138	26,046	14	1,408	264	3,810						88	11,899					
2	9,200	9.3	73	53.8	7.0	164	26,210	3	1,411	291	4,101						46	11,945					
3	8,850	9.3	75	53.7	7.1	146	26,356	12	1,423	284	4,385						28	11,973					
4	8,500					50	26,406	5	1,428	271	4,656						22	11,995					
5	8,500	9.2	77	53.6	6.6	31	26,437	10	1,438	141	4,797						15	12,010					
6	8,300					32	26,469	5	1,443	148	4,945						13	12,023					
7	8,300	9.1	75	53.1	6.8	24	26,493	1	1,444	102	5,047						9	12,032					
8	8,200					28	26,521	2	1,446	106	5,153						20	12,052					
9	8,100	8.7	76	52.7	6.8	17	26,538	3	1,449	164	5,317						19	12,071					
10	8,000	8.6	75	52.7	6.5	23	26,561	0	1,449	132	5,449						1	12,072					
11	8,000	8.5	74	52.8	6.5	44	26,605	8	1,457	257	5,706						22	12,094					
12	7,760					60	26,665	6	1,463	223	5,929						29	12,123					
13	7,700					63	26,728	5	1,468	110	6,039						21	12,144					
14	7,600					123	26,851	13	1,481	143	6,182						22	12,166					
15	7,600	6.5	74	56.0	5.4	61	26,912	11	1,492	154	6,336						32	12,198					
16	7,500	6.5	74	56.1	5.4	84	26,996	7	1,499	239	6,575						47	12,245					
17	7,400	6.1	73	56.1	5.6	70	27,066	7	1,506	202	6,777						68	12,313					
18	7,300	7.6	73	56.1	6.0	58	27,124	39	1,545	212	6,989						57	12,370					
19	7,300	7.8	73	56.1	6.8	83	27,207	11	1,556	237	7,226						44	12,414					
20	7,300					66	27,273	11	1,567	244	7,470						39	12,453					
21	7,400					30	27,303	9	1,576	267	7,737						58	12,511					
22	7,500					40	27,343	4	1,580	258	7,995						36	12,547					
23	7,400	7.9	73	56.1	6.8	41	27,384	15	1,595	264	8,259						32	12,579					
24	7,300	7.8	75	56.1	6.8	28	27,412	7	1,602	270	8,529						31	12,610					
25	7,300	7.9	75	56.2	6.5	33	27,445	4	1,606	240	8,769						12	12,622					
26	7,200	7.7	76	56.1	6.6	26	27,471	1	1,607	207	8,976						7	12,629					
27	7,200					16	27,487	0	1,607	167	9,143						12	12,641					
28	7,200	7.5	78	56.1	6.6	24	27,511	4	1,611	118	9,261						9	12,650					
29	7,300	7.6	78	56.1	6.8	21	27,532	1	1,612	88	9,349						5	12,655					
30	7,300					12	27,544	0	1,612	59	9,408						1	12,656					
31	7,600					3	27,547	0	1,612	74	9,482						5	12,661					

Cumulative Adult Spring Chinook Mark Rate: 75.0%

WILLAMETTE FALLS FISHWAY COUNTS

Month August Year 2013

Date	Hydrological Data					Spr./Fall Chinook						Coho				Steelhead				Daily		Cum.	
						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.				
							27,547		1,612		9,482						12,661						
1	7,600					7	27,554	2	1,614	142	9,624						3	12,664					
2	7,700					5	27,559	0	1,614	189	9,813						15	12,679					
3	7,800					12	27,571	0	1,614	136	9,949						9	12,688					
4	7,900					19	27,590	7	1,621	186	10,135						27	12,715					
5	7,800					39	27,629	1	1,622	317	10,452						27	12,742					
6	7,700	7.5	71	56.0	7.3	31	27,660	9	1,631	488	10,940						47	12,789					
7	7,600	7.6	72	56.0	7.3	42	27,702	1	1,632	490	11,430						36	12,825					
8	7,550	7.5	73	56.0	7.3	35	27,737	3	1,635	371	11,801						19	12,844					
9	7,600	7.6	73	56.1	7.5	43	27,780	3	1,638	302	12,103						17	12,861					
10	7,700					35	27,815	4	1,642	185	12,288						5	12,866					
11	7,800					19	27,834	11	1,653	122	12,410						4	12,870					
12	7,800	7.8	74	56.1	8.0	12	27,846	3	1,656	14	12,424	1	1	0	0		6	12,876					
13	7,800	9.6	74	54.5	8.0	10	27,856	2	1,658	65	12,489	1	2	5	5		20	12,896					
14	7,800	10.7	73	52.7	8.0	15	27,871	2	1,660	124	12,613	2	4	9	14		16	12,912					
15	7,760	7.3	73	54.4	8.0	26	27,897	4	1,664	135	12,748	4	8	14	28		5	12,917					
16	7,800	7.4	72	55.6	8.0	30	30	5	5	173	12,921	0	8	0	28		7	12,924					
17	7,800					17	47	5	10	68	12,989	0	8	0	28		9	12,933					
18	7,760					22	69	16	26	79	13,068	0	8	0	28		10	12,943					
19	7,800	7.8	72	56.1	8.2	15	84	16	42	81	13,149	0	8	0	28		13	12,956					
20	7,700	8.0	72	56.0	8.2	24	108	7	49	114	13,263	5	13	0	28		5	12,961					
21	7,600	7.6	72	55.8	8.2	9	117	4	53	79	13,342	20	33	5	33		8	12,969					
22	7,600	7.8	73	56.1	8.3	3	120	2	55	81	13,423	22	55	6	39		10	12,979					
23	7,600					17	137	2	57	32	13,455	8	63	2	41		8	12,987					
24	7,700					22	159	1	58	25	13,480	13	76	7	48		6	12,993					
25	7,900					18	177	9	67	29	13,509	14	90	3	51		13	13,006					
26	8,200	9.5	72	56.1	7.8	23	200	2	69	27	13,536	4	94	20	71		14	13,020					
27	8,300	7.8	72	56.0	7.9	39	239	8	77	27	13,563	4	98	0	71		20	13,040					
28	8,600	7.9	70	56.0	8.5	32	271	5	82	35	13,598	5	103	6	77		18	13,058					
29	8,600	10.2	70	54.4	8.5	32	303	12	94	21	13,619	11	114	10	87		9	13,067					
30	8,600	11.5	69	52.6	8.4	35	338	18	112	53	13,672	30	144	8	95		8	13,075					
31	8,500					38	376	11	123	49	13,721	41	185	11	106		5	13,080					

WILLAMETTE FALLS FISHWAY COUNTS

Month October Year 2013

Date	Hydrological Data					Fall Chinook						Coho				Steelhead				Daily		Cum.	
						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.				
							1,503		400		13,872		13,027		3,016		13,415						
1	40,800	20.9	58	57.8	<1.0	2	1,505	0	400	0	13,872	49	13,076	2	3,018	2	13,417						
2	34,200	20.8	55	57.5	<1.0	7	1,512	0	400	0	13,872	291	13,367	44	3,062	11	13,428						
3	29,000	19.2	54	56.9	1.3	8	1,520	2	402	0	13,872	677	14,044	95	3,157	13	13,441						
4	25,300	17.3	53	56.8	2.3	12	1,532	3	405	0	13,872	455	14,499	67	3,224	4	13,445						
5	23,700					21	1,553	0	405	0	13,872	349	14,848	49	3,273	2	13,447						
6	22,000					10	1,563	2	407	0	13,872	643	15,491	98	3,371	13	13,460						
7	20,800	14.9	53	55.8	3.4	5	1,568	0	407	0	13,872	408	15,899	97	3,468	5	13,465						
8	19,400	14.7	53	55.6	3.5	4	1,572	0	407	0	13,872	414	16,313	119	3,587	13	13,478						
9	18,400	14.2	55	55.4	4.4	5	1,577	0	407	0	13,872	258	16,571	73	3,660	4	13,482						
10	18,400	14.2	55	55.3	4.6	2	1,579	0	407	0	13,872	249	16,820	61	3,721	9	13,491						
11	17,500	13.8	55	55.1	4.8	2	1,581	0	407	0	13,872	192	17,012	41	3,762	4	13,495						
12	16,700					0	1,581	0	407	0	13,872	116	17,128	44	3,806	3	13,498						
13	16,100					1	1,582	0	407	0	13,872	93	17,221	39	3,845	3	13,501						
14	16,100	13.0	54	54.6	5.2	0	1,582	0	407	0	13,872	125	17,346	26	3,871	3	13,504						
15	16,000	13.0	54	54.6	5.4	0	1,582	0	407	0	13,872	69	17,415	16	3,887	1	13,505						
16	16,000	13.0	53	54.6	5.3	1	1,583	0	407	0	13,872	88	17,503	20	3,907	2	13,507						
17	15,500	12.9	53	54.5	5.3	0	1,583	0	407	0	13,872	102	17,605	15	3,922	6	13,513						
18	15,200	12.7	52	54.4	5.5	0	1,583	0	407	0	13,872	52	17,657	17	3,939	1	13,514						
19	15,000					1	1,584	0	407	0	13,872	54	17,711	14	3,953	2	13,516						
20	15,100					0	1,584	0	407	0	13,872	52	17,763	8	3,961	0	13,516						
21	15,100	12.6	53	54.4	5.3	4	1,588	2	409	0	13,872	58	17,821	10	3,971	4	13,520						
22	15,000	12.6	53	54.4	5.4	1	1,589	0	409	0	13,872	47	17,868	11	3,982	3	13,523						
23	15,000	12.7	53	54.4	5.5	0	1,589	0	409	0	13,872	34	17,902	5	3,987	2	13,525						
24	14,700	12.6	53	54.4	5.3	0	1,589	0	409	0	13,872	56	17,958	14	4,001	6	13,531						
25	14,700					1	1,590	0	409	0	13,872	45	18,003	14	4,015	3	13,534						
26	14,700					0	1,590	0	409	0	13,872	47	18,050	8	4,023	2	13,536						
27	15,500					0	1,590	0	409	0	13,872	23	18,073	6	4,029	6	13,542						
28	14,700	12.4	52	54.2	5.3	0	1,590	0	409	0	13,872	30	18,103	5	4,034	1	13,543						
29	15,500	12.4	52	54.3	5.3	0	1,590	0	409	0	13,872	34	18,137	4	4,038	3	13,546						
30	16,300	12.6	51	54.4	5.4	0	1,590	0	409	0	13,872	11	18,148	2	4,040	1	13,547						
31	14,800	14.0	51	53.7	5.4	0	1,590	0	409	0	13,872	19	18,167	2	4,042	2	13,549						

WILLAMETTE FALLS FISHWAY COUNTS

Month December

2013

Date	Hydrological Data					Fall Chinook						Coho				Steelhead				Daily		Cum.	
						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.				
												18,592	4,109				88						
1	13,700											6	18,598	0	4,109			6	94				
2	15,900	12.8	43	54.6	4.5							8	18,606	3	4,112			4	98				
3	32,300	16.9	43	56.9	4.3							8	18,614	-1	4,111			19	117				
4	31,400	19.5	42	56.8	3.8							6	18,620	0	4,111			12	129				
5	27,700	18.3	41	56.7	1.7							6	18,626	0	4,111			4	133				
6	25,700	16.6	41	56.6	2.0							1	18,627	0	4,111			3	136				
7	23,800											0	18,627	0	4,111			0	136				
8	22,800											0	18,627	0	4,111			0	136				
9	21,000	15.1	35	55.7	3.7							0	18,627	0	4,111			1	137				
10	20,000	14.7	35	55.4	3.8							0	18,627	0	4,111			0	137				
11	18,500											0	18,627	0	4,111			0	137				
12	16,500	13.8	33	54.8	5.0							0	18,627	0	4,111			1	138				
13	15,900	13.3	33	54.6	5.2							0	18,627	0	4,111			5	143				
14	16,100											0	18,627	0	4,111			0	143				
15	15,900											0	18,627	0	4,111			4	147				
16	15,400	13.2	39	54.5	4.6							0	18,627	0	4,111			9	156				
17	15,200	13.0	40	54.4	4.6							0	18,627	0	4,111			3	159				
18	14,700	12.9	40	54.4	4.8							0	18,627	0	4,111			4	163				
19	14,500	12.7	40	54.3	4.8							0	18,627	0	4,111			4	167				
20	14,000	12.7	40	54.3	5.3							0	18,627	0	4,111			4	171				
21	13,800											0	18,627	0	4,111			1	172				
22	15,200											0	18,627	0	4,111			2	174				
23	16,300	13.2	40	54.6	5.0							0	18,627	0	4,111			1	175				
24	16,600	13.4	40	54.8	5.1							0	18,627	0	4,111			9	184				
25	16,800											0	18,627	0	4,111			14	198				
26	15,800											0	18,627	0	4,111			2	200				
27	15,000	13.2	41	54.6	5.0							0	18,627	0	4,111			3	203				
28	14,100											0	18,627	0	4,111			0	203				
29	13,600											0	18,627	0	4,111			0	203				
30	12,900	12.5	40	54.1	5.5							0	18,627	0	4,111			2	205				
31	12,500	12.2	40	54.0	5.5							0	18,627	0	4,111			1	206				