

WILLAMETTE FALLS FISHWAY COUNTS

Month January Year 2015

Date	Hydrological Data					Spring Chinook									Coho				Steelhead			
						Adult			Jack			Mini Jack			Adult		Jack		Winter			Cum.
	Flow	HW	TW	Temp	Vis	Total	Daily	Unclip	Cum.	Total	Daily	Unclip	Cum.	Daily	Cum.	Daily	Cum.	Total	Clipped	Unclip	Cum.	
1	31,800														0	18,061	0	3,379	0	0	0	256
2	26,600	58.7	24.8	39	1.2									0	18,061	0	3,379	2	0	2	258	
3	23,600													0	18,061	0	3,379	5	0	5	263	
4	22,800													0	18,061	0	3,379	10	1	9	273	
5	21,200	57.2	20.1	43	1.5									0	18,061	0	3,379	24	0	24	297	
6	21,600	57.0	19.3	43	1.6									1	18,062	0	3,379	36	0	36	333	
7	20,900													0	18,062	0	3,379	40	0	40	373	
8	19,600	56.8	17.2	45	2.2									0	18,062	0	3,379	29	0	29	402	
9	19,300	56.4	16.4	45	2.5									0	18,062	0	3,379	35	0	35	437	
10	23,400													0	18,062	0	3,379	12	0	12	449	
11	24,000													0	18,062	0	3,379	30	0	30	479	
12	36,800	55.8	15.3	43	3.5									0	18,062	0	3,379	16	0	16	495	
13	44,200	55.8	15.3	43	3.5									0	18,062	0	3,379	24	0	24	519	
14	39,700	55.8	15.3	43	3.5									0	18,062	0	3,379	18	0	18	537	
15	34,900	55.6	14.9	42	3.6									0	18,062	0	3,379	33	0	33	570	
16	31,700	55.6	14.9	43	3.8									0	18,062	0	3,379	14	0	14	584	
17	29,700													0	18,062	0	3,379	18	0	18	602	
18	29,700													0	18,062	0	3,379	29	0	29	631	
19	40,900													0	18,062	0	3,379	6	0	6	637	
20	42,900	59.3	26.6	48	<1.0									0	18,062	0	3,379	9	0	9	646	
21	40,100	58.7	24.6	48	<1.0									0	18,062	0	3,379	18	0	18	664	
22	38,700	57.9	22.3	46	1.0									0	18,062	0	3,379	29	0	29	693	
23	39,000	57.5	20.6	45	1.0									0	18,062	0	3,379	50	0	50	743	
24	45,800													0	18,062	0	3,379	96	0	96	839	
25														0	18,062	0	3,379	106	1	105	945	
26		56.9	18.7	47	2.2									0	18,062	0	3,379	29	0	29	974	
27		57.0	17.8	47	2.2									0	18,062	0	3,379	27	0	27	1,001	
28		56.8	17.3	48	2.6									0	18,062	0	3,379	11	0	11	1,012	
29														0	18,062	0	3,379	12	0	12	1,024	
30		56.1	15.6	48	2.8									0	18,062	0	3,379	5	0	5	1,029	
31														0	18,062	0	3,379	21	0	21	1,050	

WILLAMETTE FALLS FISHWAY COUNTS

Month February

Year 2015

Date	Hydrological Data					Spring Chinook								Coho				Steelhead			
						Adult				Jack			Mini Jack	Adult		Jack		Winter			Cum.
	Flow	HW	TW	Temp	Vis	Daily		Cum.	Daily		Cum.	Daily	Cum.	Daily	Cum.	Daily		Cum.			
						Total	Clipped	Unclip		Total	Clipped	Unclip				Total	Clipped	Unclip	1,050		
1	17,700															36	0	36	1,086		
2	16,100	55.2	14	48	4.0											26	0	26	1,112		
3	16,500	55.3	14.2	48	4.0											20	0	20	1,132		
4	18,500	55.4	14.4	46	3.6											27	0	27	1,159		
5	21,500	55.8	15.2	46	2.8											36	0	36	1,195		
6	23,600	56.5	16.5	46	1.8											78	0	78	1,273		
7	42,200															48	0	48	1,321		
8	58,000															26	0	26	1,347		
9	63,800	59.6	27.2	50	<1.0											20	0	20	1,367		
10	62,700	60.0	28	50	<1.0											24	0	24	1,391		
11	66,200	59.9	28.4	49	<1.0											18	0	18	1,409		
12	55,300	59.5	27.4	49	<1.0											50	0	50	1,459		
13	43,400	58.6	24.5	49	<1.0											80	0	80	1,539		
14	36,400															226	0	226	1,765		
15	31,200															140	0	140	1,905		
16	26,100															133	0	133	2,038		
17	22,700	56.9	17.3	49	2.3											109	0	109	2,147		
18	19,700	56.4	16.3	50	2.3											41	0	41	2,188		
19	17,900	56.0	15.7	50	2.5											40	2	38	2,228		
20	16,600	55.7	15	50	2.9											19	0	19	2,247		
21	15,500															21	1	20	2,268		
22	14,600															38	2	36	2,306		
23	13,800	54.9	13.4	49	3.8											20	1	19	2,326		
24	13,300															16	2	14	2,342		
25	12,800	54.5	12.8	48	4.3											23	1	22	2,365		
26	12,400	54.5	12.6	48	4.8											5	0	5	2,370		
27	12,200	54.3	12.5	47	5.2											21	0	21	2,391		
28	12,900															22	3	19	2,413		

WILLAMETTE FALLS FISHWAY COUNTS

Month March Year 2015

Date	Hydrological Data					Spring Chinook									Steelhead								
						Adult				Jack			Mini Jack		Winter				Summer				
	Flow	HW	TW	Temp	Vis	Daily			Cum.	Daily			Cum.	Daily	Cum.	Daily			Cum.				
						Total	Clipped	Unclip		Total	Clipped	Unclip				Total	Clipped	Unclip		Total	Clipped	Unclip	
1	13,300					0	0	0	0							10	0	10	2,423	0	0	0	0
2	12,300	54.4	12.6	49	5.5	0	0	0	0							15	0	15	2,438	1	1	0	1
3	12,000	54.3	12.4	49	5.6	1	1	0	1							31	0	31	2,469	0	0	0	1
4	11,500	54.2	12.2	48	5	0	0	0	1							20	0	20	2,489	4	4	0	5
5	11,200	54.1	12	48	5	0	0	0	1							20	0	20	2,509	1	1	0	6
6	11,000					0	0	0	1							17	0	17	2,526	2	2	0	8
7	10,700					0	0	0	1							18	0	18	2,544	0	0	0	8
8	10,400	53.9	11.6	49	6.3	0	0	0	1							10	0	10	2,554	3	3	0	11
9	10,200					3	1	2	4							30	0	30	2,584	6	6	0	17
10	10,100	53.9	11.6	50	5.8	1	1	0	5							46	0	46	2,630	5	5	0	22
11	10,000	53.9	11.5	50	5.8	2	2	0	7							60	0	60	2,690	4	4	0	26
12	9,950	53.8	11.4	51	6.0	3	3	0	10							41	0	41	2,731	1	1	0	27
13	10,100	53.8	11.4	51	6.8	5	4	1	15							78	0	78	2,809	1	1	0	28
14	9,910					6	5	1	21							27	0	27	2,836	1	1	0	29
15	13,000					8	5	3	29							84	0	84	2,920	7	7	0	36
16	23,500	57.1	17.1	53	1.3	0	0	0	29							81	0	81	3,001	9	9	0	45
17	20,300	57.0	17.4	53	1.0	0	0	0	29							108	0	108	3,109	13	13	0	58
18	17,200	56.3	16	53	1.0	0	0	0	29							62	0	62	3,171	11	11	0	69
19	15,300	55.8	15.1	52	1.7	1	1	0	30							33	0	33	3,204	5	5	0	74
20	14,000	55.4	14.3	52	1.7	2	1	1	32							42	0	42	3,246	7	7	0	81
21	13,200					1	0	1	33							35	0	35	3,281	7	7	0	88
22	14,300					9	5	4	42							12	0	12	3,293	1	1	0	89
23	14,300	55.1	13.6	52	3.4	12	9	3	54							13	0	13	3,306	2	2	0	91
24	18,000	55.4	14.2	52	3.5	7	5	2	61							10	0	10	3,316	11	11	0	102
25	22,200	56.5	16.0	52	3.3	2	0	2	63							13	0	13	3,329	5	5	0	107
26	20,800	56.6	16.3	52	3.3	2	1	1	65							15	0	15	3,344	3	3	0	110
27	18,500	56.3	15.7	52	2.0	6	4	2	71							29	0	29	3,373	8	8	0	118
28	16,800					6	3	3	77							20	0	20	3,393	11	11	0	129
29	16,200					16	14	2	93							12	0	12	3,405	1	1	0	130
30	15,200	55.5	14.2	57	3.8	66	49	17	159							28	0	28	3,433	0	0	0	130
31	14,400	55.2	13.7	57	3.8	87	61	26	246							27	0	27	3,460	7	7	0	137

Cumulative Adult Spring Chinook Mark Rate: 71.1%

WILLAMETTE FALLS FISHWAY COUNTS

Month April Year 2015

Date	Hydrological Data					Spring Chinook						Steelhead											
						Adult			Jack			Mini Jack		Winter				Summer					
	Flow	HW	TW	Temp	Vis	Daily			Cum.	Daily			Cum.	Daily	Cum.	Daily			Cum.				
						Total	Clipped	Unclip		Total	Clipped	Unclip				Total	Clipped	Unclip		Total	Clipped	Unclip	
1	14,700	55.1	13.5	57	4	109	82	27	355	0	0	0	0	0	0	20	0	20	3,480	3	3	0	140
2	15,500	55.3	13.7	56	4.0	72	54	18	427	0	0	0	0	0	0	18	0	18	3,498	2	2	0	142
3	15,000	55.3	13.8	54	4.7	42	32	10	469	0	0	0	0	0	0	16	0	16	3,514	7	7	0	149
4	14,700					58	49	9	527	0	0	0	0	0	0	18	0	18	3,532	3	3	0	152
5	14,300					20	12	8	547	0	0	0	0	0	0	11	0	11	3,543	2	2	0	154
6	13,800	54.9	13.3	50	5.0	45	29	16	592	0	0	0	0	0	0	20	0	20	3,563	4	4	0	158
7	13,800	54.7	13.4	50	5.2	31	17	14	623	0	0	0	0	0	0	8	0	8	3,571	2	2	0	160
8	13,700	54.7	13.1	51	5.7	32	26	6	655	0	0	0	0	0	0	7	0	7	3,578	4	4	0	164
9	13,900					34	26	8	689	0	0	0	0	0	0	8	0	8	3,586	1	1	0	165
10	13,800					206	160	46	895	3	2	1	3	0	0	24	0	24	3,610	9	9	0	174
11	13,300					250	214	36	1,145	4	3	1	7	0	0	38	0	38	3,648	13	13	0	187
12	13,900	54.8	12.8	53	5.3	281	215	66	1,426	7	7	0	14	0	0	14	0	14	3,662	7	7	0	194
13	13,700	54.8	13.1	54	5.4	303	227	76	1,729	10	9	1	24	0	0	33	0	33	3,695	8	8	0	202
14	13,600	54.7	13	54	5.4	242	205	37	1,971	0	0	0	24	0	0	22	0	22	3,717	12	12	0	214
15	15,400					149	128	21	2,120	1	1	0	25	0	0	16	0	16	3,733	9	9	0	223
16	15,800					64	47	17	2,184	0	0	0	25	0	0	15	0	15	3,748	5	5	0	228
17	15,200					91	71	20	2,275	0	0	0	25	0	0	12	0	12	3,760	8	8	0	236
18	14,400					286	229	57	2,561	4	3	1	29	0	0	36	0	36	3,796	14	14	0	250
19	13,600					2375	1,970	405	4,936	39	30	9	68	0	0	85	0	85	3,881	37	37	0	287
20	12,900	54.7	12.8	57	5.4	1667	1,359	308	6,603	53	40	13	121	0	0	55	0	55	3,936	32	32	0	319
21	12,300	54.6	12.5	58	5.5	977	773	204	7,580	50	38	12	171	0	0	26	0	26	3,962	12	12	0	331
22	11,900	54.5	12.3	58	6.5	1224	1,028	196	8,804	4	1	3	175	0	0	39	0	39	4,001	20	20	0	351
23	11,400	54.4	12.2	59	6.7	1350	1,126	224	10,154	20	14	6	195	0	0	44	0	44	4,045	19	19	0	370
24	11,100	54.3	11.9	58	6.7	1118	915	203	11,272	43	36	7	238	1	1	34	0	34	4,079	33	33	0	403
25	11,100					757	626	131	12,029	19	16	3	257	1	2	12	0	12	4,091	27	27	0	430
26	11,400					398	348	50	12,427	11	10	1	268	0	2	12	0	12	4,103	25	25	0	455
27	11,400	54.3	12	55	6.5	770	647	123	13,197	25	17	8	293	0	2	28	0	28	4,131	22	22	0	477
28	11,100	54.2	11.8	56	6.6	937	774	163	14,134	31	24	7	324	0	2	23	0	23	4,154	32	32	0	509
29	10,800	54.2	11.7	57	6.8	856	713	143	14,990	27	23	4	351	0	2	15	0	15	4,169	16	16	0	525
30	10,500	54.2	11.7	58	6.8	2696	2,320	376	17,686	70	58	12	421	1	3	41	0	41	4,210	42	42	0	567

WILLAMETTE FALLS FISHWAY COUNTS

Month May Year 2015

Date	Hydrological Data					Spring Chinook									Steelhead								
						Adult			Jack			Mini Jack			Summer				Winter				
	Flow	HW	TW	Temp	Vis	Daily			Cum.	Daily			Cum.	Daily	Cum.	Daily			Cum.	Daily			Cum.
						Total	Clipped	Unclip		Total	Clipped	Unclip				Total	Clipped	Unclip		Total	Clipped	Unclip	
1	10,200	54.1	11.5	60	7.2	1234	1,032	202	18,920	41	33	8	462	1	4	43	43		610	19	0	19	4,229
2	9,810					1301	1,095	206	20,221	57	48	9	519	2	6	47	47		657	11	0	11	4,240
3	9,750					1656	1,405	251	21,877	82	66	16	601	3	9	71	71		728	19	0	19	4,259
4	9,650	54.0	11.1	62	7	1681	1,427	254	23,558	44	32	12	645	1	10	43	43		771	19	0	19	4,278
5	9,480	53.9	11	62	7.2	1401	1,222	179	24,959	30	28	2	675	0	10	34	34		805	15	0	15	4,293
6	9,410	53.9	11	62	7.2	1084	950	134	26,043	13	12	1	688	2	12	23	23		828	17	0	17	4,310
7	9,280	53.9	11	63	7.2	1229	1,030	199	27,272	67	50	17	755	1	13	16	16		844	11	0	11	4,321
8	9,180					1057	880	177	28,329	51	37	14	806	3	16	34	34		878	9	0	9	4,330
9	8,990					870	708	162	29,199	52	39	13	858	4	20	24	24		902	16	0	16	4,346
10	8,830					1278	1,039	239	30,477	69	18	51	927	3	23	31	31		933	9	0	9	4,355
11	8,760	53.8	10.6	63	6.3	931	783	148	31,408	40	32	8	967	1	24	38	38		971	7	0	7	4,362
12	8,860	53.8	10.6	63	6.5	956	823	133	32,364	32	27	5	999	1	25	34	34		1,005	7	0	7	4,369
13	9,400	53.9	10.8	63	6.8	1050	907	143	33,414	16	14	2	1,015	0	25	56	56		1,061	8	0	8	4,377
14	9,680	54.0	11.1	64	7.0	955	825	130	34,369	28	26	2	1,043	0	25	49	49		1,110	11	0	11	4,388
15	9,250	54.2	11.6	65	7.2	670	581	89	35,039	47	39	8	1,090	0	25	37	37		1,147	4	0	4	4,392
16	9,020					330	264	66	35,369	32	25	7	1,122	0	25	18	18		1,165	15	0	15	4,407
17	8,960					403	324	79	35,772	31	23	8	1,153	3	28	28	28		1,193	7	0	7	4,414
18	8,920	53.9	10.8	62	6.8	558	454	104	36,330	51	36	15	1,204	3	31	47	47		1,240	8	0	8	4,422
19	8,760	53.9	10.8	62	6.8	586	463	123	36,916	32	27	5	1,236	2	33	38	38		1,278	9	0	9	4,431
20	8,760	53.8	10.7	62	6.6	705	587	118	37,621	36	28	8	1,272	6	39	28	28		1,306	6	0	6	4,437
21	8,670	53.8	10.7	62	6.6	920	748	172	38,541	68	48	20	1,340	4	43	48	48		1,354	7	0	7	4,444
22	8,700	53.9	10.7	64	5.8	644	515	129	39,185	35	29	6	1,375	3	46	37	37		1,391	8	0	8	4,452
23	9,050					659	557	102	39,844	25	20	5	1,400	0	46	56	56		1,447	8	0	8	4,460
24	9,350					777	681	96	40,621	32	28	4	1,432	1	47	37	37		1,484	4	0	4	4,464
25	9,150					763	643	120	41,384	33	27	6	1,465	5	52	47	47		1,531	1	0	1	4,465
26	8,920	54.0	10.9	63	6.5	505	418	87	41,889	50	37	13	1,515	3	55	31	31		1,562	9	0	9	4,474
27	8,670	53.4	11.4	63	6.5	439	342	97	42,328	34	27	7	1,549	1	56	45	45		1,607	5	0	5	4,479
28	8,510	53.3	12.1	64	6.6	298	227	71	42,626	21	16	5	1,570	2	58	20	20		1,627	5	0	5	4,484
29	8,250	53.2	11.9	66	6.6	375	297	78	43,001	21	13	8	1,591	3	61	32	32		1,659	6	0	6	4,490
30	8,220					550	439	111	43,551	34	22	12	1,625	5	66	71	71		1,730	12	0	12	4,502
31	8,130					639	514	125	44,190	39	34	5	1,664	1	67	63	63		1,793	3	0	3	4,505

Cumulative Adult Spring Chinook Mark Rate: 83.1%

WILLAMETTE FALLS FISHWAY COUNTS
 Month June Year 2015

Date	Hydrological Data					Spring Chinook									Steelhead							
						Adult			Jack			Mini Jack			Winter			Summer				
	Flow	HW	TW	Temp	Vis	Daily		Cum.	Daily		Cum.	Daily	Cum.	Daily		Cum.	Daily		Cum.			
						Total	Clipped	Unclip	44,190	Total	Clipped	Unclip	1,664	Daily	Cum.	Total	Clipped	Unclip	Total	Clipped	Unclip	1,793
1	8,350	53.3	11.7	70	6.5	433	330	103	44,623	22	21	1	1,686	1	68				40	33	7	1,833
2	8,410	53.3	12.1	70	6.6	282	210	72	44,905	30	21	9	1,716	0	68				34	31	3	1,867
3	8,510	53.3	12.2	70	7.2	633	522	111	45,538	20	16	4	1,736	3	71				86	84	2	1,953
4	8,540	55.9	7.5	70	7.2	1121	918	203	46,659	32	26	6	1,768	2	73				57	55	2	2,010
5	8,250					683	526	157	47,342	44	32	12	1,812	2	75				40	34	6	2,050
6	7,970					430	354	76	47,772	14	9	5	1,826	5	80				52	43	9	2,102
7	7,750					393	288	105	48,165	27	17	10	1,853	8	88				48	40	8	2,150
8	7,570	56.6	9.8	70	7.3	471	375	96	48,636	21	16	5	1,874	3	91				45	39	6	2,195
9	7,330	56.6	10.1	70	7.3	264	207	57	48,900	33	25	8	1,907	4	95				49	45	4	2,244
10	7,120	56.5	7.9	72	7.5	253	204	49	49,153	16	14	2	1,923	7	102				41	35	6	2,285
11	6,970	56.7	9.1	72	7.5	52	36	16	49,205	1	1	0	1,924	2	104				8	7	1	2,293
12	6,940	56.7	7.8	75	7.7	28	22	6	49,233	2	2	0	1,926	2	106				8	8	0	2,301
13	7,030					11	6	5	49,244	4	3	1	1,930	2	108				2	2	0	2,303
14	7,060					18	13	5	49,262	2	1	1	1,932	3	111				1	1	0	2,304
15	7,150	56.7	8	75	7.0	31	25	6	49,293	3	3	0	1,935	7	118				10	10	0	2,314
16	6,820	56.7	7.9	75	7.0	49	39	10	49,342	2	2	0	1,937	8	126				10	9	1	2,324
17	7,060	56.6	8.0	75	7.2	77	62	15	49,419	5	4	1	1,942	6	132				23	20	3	2,347
18	6,910	56.6	7.8	75	7.2	59	45	14	49,478	6	4	2	1,948	6	138				13	13	0	2,360
19	6,760	56.6	8	75	7.5	56	42	14	49,534	4	3	1	1,952	3	141				23	20	3	2,383
20	6,670					68	47	21	49,602	10	7	3	1,962	0	141				21	17	4	2,404
21	6,590					62	55	7	49,664	6	5	1	1,968	9	150				32	30	2	2,436
22	6,590	56.6	7.9	74	7.4	46	35	11	49,710	4	4	0	1,972	3	153				24	21	3	2,460
23	6,530	56.7	7.7	74	7.4	48	36	12	49,758	4	3	1	1,976	8	161				20	19	1	2,480
24	6,470	56.7	7.6	75	7.5	47	38	9	49,805	4	3	1	1,980	13	174				20	18	2	2,500
25	6,410	56.6	7.6	75	7.5	63	57	6	49,868	3	3	0	1,983	19	193				37	32	5	2,537
26	6,330	56.7	7.7	76	7.5	43	37	6	49,911	4	3	1	1,987	13	206				14	12	2	2,551
27	6,150					46	38	8	49,957	5	5	0	1,992	6	212				15	14	1	2,566
28	6,240					23	19	4	49,980	0	0	0	1,992	11	223				12	9	3	2,578
29	6,240	56.7	7.7	78	7.6	14	10	4	49,994	0	0	0	1,992	9	232				3	2	1	2,581
30	6,210	56.6	8.1	78	7.6	11	9	2	50,005	0	0	0	1,992	6	238				4	2	2	2,585

WILLAMETTE FALLS FISHWAY COUNTS

Month July Year 2015

Date	Hydrological Data						Spring Chinook									Steelhead								
							Adult			Jack			Mini Jack			Winter			Summer					
	Flow	HW	TW	Diff	Temp	Vis	Daily			Cum.	Daily			Cum.	Daily	Cum.	Daily			Cum.				
							Total	Clipped	Unclip		Total	Clipped	Unclip				Total	Clipped	Unclip					
1	6,150	55.3	9.6	45.7	79	7.8	0	0	0	50,005	0	0	0	1,992	0	238					-1	-1	0	2,584
2	6,010	55.6	7.3	48.3	80	8.0	0	0	0	50,005	0	0	0	1,992	0	238					0	0	0	2,584
3	5,900						0	0	0	50,005	0	0	0	1,992	0	238					0	0	0	2,584
4	5,840						0	0	0	50,005	0	0	0	1,992	0	238					0	0	0	2,584
5	5,820						0	0	0	50,005	0	0	0	1,992	0	238					0	0	0	2,584
6	5,820	56.8	7.6	49.2	80	7.8	0	0	0	50,005	0	0	0	1,992	0	238					0	0	0	2,584
7	5,760	56.7	7.4	49.3	80	7.8	0	0	0	50,005	0	0	0	1,992	0	238					0	0	0	2,584
8	5,760	56.8	7.5	49.3	81	7.4	0	0	0	50,005	0	0	0	1,992	0	238					0	0	0	2,584
9	5,730	56.8	7.4	49.4	81	7.4	0	0	0	50,005	0	0	0	1,992	0	238					0	0	0	2,584
10	5,680	56.7	7.4	49.3	81	7.5	0	0	0	50,005	0	0	0	1,992	0	238					0	0	0	2,584
11	5,760						0	0	0	50,005	0	0	0	1,992	0	238					0	0	0	2,584
12	5,840						0	0	0	50,005	0	0	0	1,992	0	238					0	0	0	2,584
13	5,820	56.8	7.5	49.3	78	7.7	0	0	0	50,005	0	0	0	1,992	0	238					0	0	0	2,584
14	5,730						0	0	0	50,005	0	0	0	1,992	0	238					0	0	0	2,584
15	5,680	56.7	7.5	49.2	78	7.8	0	0	0	50,005	0	0	0	1,992	0	238					0	0	0	2,584
16	5,680	56.7	7.4	49.3	78	7.8	0	0	0	50,005	0	0	0	1,992	0	238					0	0	0	2,584
17	5,650						0	0	0	50,005	0	0	0	1,992	0	238					0	0	0	2,584
18	5,590						5	4	1	50,010	2	2	0	1,994	3	241					0	0	0	2,584
19	5,590						7	6	1	50,017	0	0	0	1,994	0	241					0	0	0	2,584
20	5,620	56.6	7.4	49.2	76	7.2	1	1	0	50,018	0	0	0	1,994	10	251					1	1	0	2,585
21	5,620	56.6	7.4	49.2	76	7.2	2	2	0	50,020	0	0	0	1,994	2	253					0	0	0	2,585
22	5,460						5	5	0	50,025	1	1	0	1,995	7	260					0	0	0	2,585
23	5,460	56.6	7.4	49.2	75	6.7	13	8	5	50,038	3	3	0	1,998	6	266					4	4	0	2,589
24	5,430	56.6	7.3	49.3	77	6.7	1	1	0	50,039	1	1	0	1,999	6	272					1	1	0	2,590
25	5,430						6	5	1	50,045	1	1	0	2,000	3	275					2	1	1	2,592
26	5,490						7	4	3	50,052	2	0	2	2,002	3	278					0	0	0	2,592
27	5,590	56.7	7.4	49.3	76	7.2	119	84	35	50,171	4	3	1	2,006	14	292					8	7	1	2,600
28	5,540	56.6	7.9	48.7	76	7.2	234	163	71	50,405	3	2	1	2,009	25	317					27	24	3	2,627
29	5,490	56.6	7.4	49.2	76	7.2	305	214	91	50,710	5	3	2	2,014	40	357					34	29	5	2,661
30	5,430	56.7	7.5	49.2	77	7.2	58	37	21	50,768	5	3	2	2,019	44	401					24	22	2	2,685
31	5,400	56.7	7.6	49.1	77	7.4	36	29	7	50,804	4	3	1	2,023	44	445					12	11	1	2,697

Cumulative Adult Spring Chinook Mark Rate: 82.6%

WILLAMETTE FALLS FISHWAY COUNTS

Month August Year 2015

Date	Hydrological Data						Spring/Fall Chinook							Steelhead									
							Adult			Jack			Mini Jack		Winter			Summer					
	Flow	HW	TW	Diff	Temp	Vis	Daily			Cum.	Daily			Cum.	Daily	Cum.	Daily			Cum.			
							Total	Clipped	Unclip	Total	Clipped	Unclip	Total	Clipped	Unclip	Total	Clipped	Unclip	Total	Clipped	Unclip		
1	5,400						19	11	8	50,823	2	1	1	2,025	35	480				7	6	1	2,704
2	5,400						10	6	4	50,833	0	0	0	2,025	25	505				3	3	0	2,707
3	5,490	56.6	7.9	48.7	77	7.1	9	7	2	50,842	0	0	0	2,025	22	527				8	5	3	2,715
4	5,540	56.7	12.1	44.6	76	7.1	31	23	8	50,873	2	1	1	2,027	27	554				9	9	0	2,724
5	5,540						6	1	5	50,879	0	0	0	2,027	8	562				0	0	0	2,724
6	5,490						3	3	0	50,882	0	0	0	2,027	9	571				2	2	0	2,726
7	5,490						9	8	1	50,891	0	0	0	2,027	2	573				2	2	0	2,728
8	5,460						13	10	3	50,904	1	1	0	2,028	17	590				3	2	1	2,731
9	5,590						19	12	7	50,923	4	3	1	2,032	11	601				1	1	0	2,732
10	5,710						23	14	9	50,946	4	3	1	2,036	20	621				3	3	0	2,735
11	5,590						26	14	12	50,972	3	2	1	2,039	20	641				4	3	1	2,739
12	5,510						31	19	12	51,003	3	2	1	2,042	16	657				4	4	0	2,743
13	5,540	56.6	12.3	44.3	77	8.8	27	13	14	51,030	0	0	0	2,042	3	660				3	3	0	2,746
14	5,540	56.6	12.1	44.5	77	8.8	8	7	1	51,038	0	0	0	2,042	8	668				0	0	0	2,746
15	5,510						8	5	3	51,046	0	0	0	2,042	17	685				1	1	0	2,747
16	5,590						16	12	4	16	0	0	0	0	-9	676				4	4	0	2,751
17	5,620	56.6	12.5	44.1	76	8.9	7	4	3	23	3	2	1	3	4	680				1	1	0	2,752
18	5,510	56.6	12.4	44.2	76	8.9	18	14	4	41	1	1	0	4	3	683				2	2	0	2,754
19	5,400	56.6	7.5	49.1	77	8.8	0	0	0	41	2	1	1	6	5	688				4	4	0	2,758
20	5,380	56.6	7.7	48.9	77	8.4	2	1	1	43	-1	-1	0	5	6	694				0	0	0	2,758
21	5,380	56.6	7.6	49.0	76	8.4	1	1	0	44	0	0	0	5	0	694				0	0	0	2,758
22	5,270						7	6	1	51	1	1	0	6	9	703				-4	-4	0	2,754
23	5,300						1	1	0	52	0	0	0	6	1	704				0	0	0	2,754
24	5,320	56.6	6.3	50.3	76	8.2	2	2	0	54	0	0	0	6	0	704				1	1	0	2,755
25	5,300	56.6	7.1	48.9	76	8.2	0	0	0	54	0	0	0	6	0	704				0	0	0	2,755
26	5,240	56.6	6.3	50.3	78	8.8	0	0	0	54	0	0	0	6	0	704				0	0	0	2,755
27	5,270	56.6	6.4	50.2	78	8.8	12	6	6	66	3	3	0	9	19	723				12	11	1	2,767
28	5,210	56.6	7.4	49.2	78	8.8	6	1	5	72	-2	-2	0	7	10	733				5	5	0	2,772
29	5,200						12	5	7	84	1	1	0	8	10	743							2,786
30	5,350						20	8	12	104	2	0	2	10	19	762				14	13	1	2,835
31	5,540	56.6	7.6	49.0	72	7.3	19	9	10	123	1	1	0	11	7	769				49	48	1	2,835
																				39	35	4	2,874

8/24 Annual maintenance shutdown

Cumulative Adult Spring Chinook Mark Rate : 82.5%

WILLAMETTE FALLS FISHWAY COUNTS

Month September

Year 2015

Date	Hydrological Data						Fall Chinook						Coho				Steelhead							
							Adult			Jack			Mini Jack		Adult		Jack		Summer					
	Flow	HW	TW	Diff	Temp	Vis	Daily			Cum.	Daily			Cum.	Daily	Cum.	Daily	Cum.	Daily			Cum.		
							Total	Clipped	Unclip		Total	Clipped	Unclip						11	769	5		14	Total
1	5,570	56.5	8.1	48.9	72	8.3	52	22	30	175	6	2	4	17	14	783	2	7	0	14	93	88	5	2,967
2	5,540	56.6	7.5	49.1	71	7.6	35	17	18	210	3	1	2	20	9	792	3	10	5	19	81	77	4	3,048
3	5,490	56.5	7.3	49.2	71	7.6	21	13	8	231	24	12	12	44	16	808	4	14	5	24	65	55	10	3,113
4	5,540	56.5	7.7	48.8	70	7.8	48	30	18	279	13	7	6	57	19	827	5	19	15	39	102	95	7	3,215
5	5,570						26	9	17	305	11	4	7	68	18	845	0	19	9	48	41	37	4	3,256
6	5,570						28	8	20	333	3	0	3	71	13	858	0	19	1	49	24	23	1	3,280
7	5,590						13	2	11	346	3	0	3	74	4	862	0	19	1	50	17	14	3	3,297
8	5,590	56.5	7.5	49.0	68	7.3	5	3	2	351	9	2	7	83	0	862	3	22	1	51	0	5	-5	3,297
9	5,510	56.1	8.4	47.7	68	7.3	54	11	43	405	20	4	16	103	15	877	10	32	6	57	61	51	10	3,358
10	5,460	54.5	10.2	44.3	68	7.8	27	5	22	432	5	0	5	108	8	885	7	39	8	65	20	18	2	3,378
11	5,490	55.0	6.5	48.5	68	8.2	10	1	9	442	10	1	9	118	2	887	12	51	9	74	17	13	4	3,395
12	5,430						38	5	33	480	11	1	10	129	15	902	14	65	10	84	22	15	7	3,417
13	5,510						27	2	25	507	19	0	19	148	8	910	3	68	11	95	4	4	0	3,421
14	5,790	55.5	7.2	48.3	70	7.8	122	26	96	629	21	3	18	169	10	920	21	89	13	108	23	19	4	3,444
15	5,930	56.1	7.5	49.6	70	7.8	34	9	25	663	2	0	2	171	1	921	9	98	7	115	8	4	4	3,452
16	6,100	56.5	7	49.5	70	8.0	17	7	10	680	4	2	2	175	1	922	7	105	8	123	9	7	2	3,461
17	6,300						8	1	7	688	6	1	5	181	1	923	4	109	0	123	7	6	1	3,468
18	6,530						11	4	7	699	0	0	0	181	3	926	5	114	9	132	23	21	2	3,491
19	7,090						12	2	10	711	8	2	6	189	1	927	12	126	19	151	44	39	5	3,535
20	6,730						30	7	23	741	11	1	10	200	2	929	15	141	16	167	40	37	3	3,575
21	6,640	56.5	8.8	47.7	65	8.3	38	5	33	779	12	1	11	212	3	932	24	165	30	197	26	22	4	3,601
22	6,500	56.5	7.8	48.7	65	8.3	62	6	56	841	26	3	23	238	3	935	28	193	60	257	14	14	0	3,615
23	6,440	56.5	7.9	48.6	65	8.5	47	4	43	888	17	0	17	255	0	935	14	207	26	283	8	4	4	3,623
24	6,440	56.6	7.9	48.7	65	8.5	64	3	61	952	37	1	36	292	6	941	22	229	34	317	9	5	4	3,632
25	6,410	56.6	7.9	48.7	66	8.5	27	2	25	979	4	0	4	296	2	943	38	267	34	351	0	0	0	3,632
26	6,440						10	1	9	989	11	0	11	307	2	945	18	285	8	359	1	1	0	3,633
27	6,410						57	0	57	1,046	23	0	23	330	4	949	24	309	43	402	7	4	3	3,640
28	6,440	56.5	8.5	48.0	63	9.0	142	4	138	1,188	59	3	56	389	11	960	49	358	38	440	8	6	2	3,648
29	6,470	56.6	13.1	43.5	63	9.0	91	3	88	1,279	44	1	43	433	0	960	50	408	39	479	9	6	3	3,657
30	6,470	56.5	13	43.5	63	9.0	81	1	80	1,360	30	0	30	463	2	962	43	451	20	499	6	1	5	3,663

WILLAMETTE FALLS FISHWAY COUNTS

Month October

Year 2015

Date	Hydrological Data						Fall Chinook									Coho				Steelhead				
							Adult			Jack			Mini Jack			Adult		Jack		Summer				
	Flow	HW	TW	Diff	Temp	Vis	Daily			Cum.	Daily			Cum.	Daily	Cum.	Daily	Cum.	Daily			Cum.		
							Total	Clipped	Unclip		Total	Clipped	Unclip						Total	Cum.	Total		Clipped	Unclip
1	6,640	56.5	13	43.5	63	9	84	2	82	1,444	41	2	39	504	0	962	43	494	24	523	13	11	2	3,676
2	6,610	56.6	13.1	43.5	63	8.8	94	1	93	1,538	38	0	38	542	1	963	68	562	38	561	10	54	7	3,686
3	6,590						125	3	122	1,663	36	3	33	578	1	964	73	635	27	588	6	6	0	3,692
4	6,530						115	2	113	1,778	50	1	49	628	2	966	62	697	9	597	8	8	0	3,700
5	6,560	56.5	13.1	43.4	63	8.7	146	2	144	1,924	54	0	54	682	0	966	66	763	29	626	6	1	5	3,706
6	6,530	56.5	13	43.5	63	8.7	152	3	149	2,076	36	0	36	718	0	966	70	833	22	648	8	5	3	3,714
7	6,500	56.5	13.1	43.4	62	9.2	129	1	128	2,205	40	1	39	758	1	967	55	888	33	681	8	3	5	3,722
8	6,300	56.6	12.7	43.9	62	9.2	149	1	148	2,354	58	1	57	816	0	967	123	1,011	30	711	7	5	2	3,729
9	6,300	56.5	13.2	43.3	62	9.0	48	0	48	2,402	8	0	8	824	0	967	73	1,084	17	728	5	4	1	3,734
10	6,300						39	0	39	2,441	10	0	10	834	0	967	55	1,139	7	735	6	5	1	3,740
11	6,640						45	0	45	2,486	13	0	13	847	0	967	66	1,205	14	749	16	10	6	3,756
12	6,640	56.6	13.5	43.1	62	7.7	49	0	49	2,535	21	0	21	868	0	967	115	1,320	31	780	9	7	2	3,765
13	6,670	56.5	13.3	43.2	62	7.7	94	1	93	2,629	38	1	37	906	0	967	113	1,433	14	794	27	20	7	3,792
14	6,530	56.4	13.2	43.2	61	7.8	76	3	73	2,705	33	1	32	939	0	967	54	1,487	20	814	23	17	6	3,815
15	6,530	56.4	12.4	44.0	61	7.8	37	0	37	2,742	12	0	12	951	0	967	43	1,530	7	821	9	7	2	3,824
16	6,640	56.3	10.9	45.4	61	8.8	40	1	39	2,782	10	0	10	961	0	967	30	1,560	7	828	4	3	1	3,828
17	7,570						45	3	42	2,827	21	1	20	982	0	967	56	1,616	7	835	7	6	1	3,835
18	7,180						41	0	41	2,868	17	0	17	999	0	967	64	1,680	10	845	4	2	2	3,839
19	7,630	56.4	12.1	44.3	61	7.2	21	0	21	2,889	7	0	7	1,006	0	967	63	1,743	6	851	3	3	0	3,842
20	7,720	56.3	11.2	45.1	61	7.2	19	0	19	2,908	7	0	7	1,013	0	967	71	1,814	6	857	7	5	2	3,849
21	7,630	56.3	10.8	45.5	60		6	0	6	2,914	3	0	3	1,016	0	967	74	1,888	7	864	13	10	3	3,862
22	7,420	56.2	10.8	45.4	60		7	0	7	2,921	6	0	6	1,022	0	967	46	1,934	5	869	6	4	2	3,868
23	7,270	56.3	10.9	45.4	60		0	0	0	2,921	0	0	0	1,022	0	967	56	1,990	6	875	0	0	0	3,868
24	7,000						0	0	0	2,921	0	0	0	1,022	0	967	43	2,033	1	876	4	2	2	3,872
25	6,940						1	0	1	2,922	0	0	0	1,022	0	967	30	2,063	1	877	3	1	2	3,875
26	7,180						0	0	0	2,922	0	0	0	1,022	0	967	59	2,122	4	881	4	0	4	3,879
27	7,330						0	0	0	2,922	0	0	0	1,022	0	967	47	2,169	3	884	1	0	1	3,880
28	7,540						0	0	0	2,922	0	0	0	1,022	0	967	17	2,186	0	884	0	0	0	3,880
29	7,390						4	0	4	2,926	0	0	0	1,022	0	967	16	2,202	1	885	2	1	1	3,882
30	7,600						4	0	4	2,930	0	0	0	1,022	0	967	35	2,237	1	886	7	3	4	3,889
31	7,940						1	0	1	2,931	0	0	0	1,022	0	967	21	2,258	1	887	5	4	1	3,894

WILLAMETTE FALLS FISHWAY COUNTS

Month November

Year 2015

Date	Hydrological Data						Fall Chinook									Coho				Steelhead				
							Adult			Jack			Mini Jack			Adult		Jack		Winter				
	Flow	HW	TW	Diff	Temp	Vis	Daily		Cum.	Daily		Cum.	Daily	Cum.	Daily	Cum.	Daily		Cum.					
							Total	Clipped	Unclip	Total	Clipped	Unclip	Total	Cum.	Total	Clipped	Unclip	Total	Clipped	Unclip	Total			
1	14,600						0	0	0	2,931							28	2,258		887	3	2	1	3
2	14,600	57.5	16.8	40.7	58	3.2	0	0	0	2,931							19	2,305	4	891	6	5	1	9
3	12,800	57.0	15.8	41.2	58	3.2	0	0	0	2,931							28	2,333	7	905	7	6	1	16
4	11,300	56.5	14.3	42.2	57	3.2	0	0	0	2,931							4	2,337	0	905	0	0	0	16
5	10,300	56.4	13.9	42.5	57	3.2	1	0	1	2,932							10	2,347	1	906	2	1	1	18
6	9,450	56.3	12.7	43.6	56	3.2	0	0	0	2,932							15	2,362	2	908	3	0	3	21
7	8,280						0	0	0	2,932							7	2,369	0	908	2	1	1	23
8	8,060						0	0	0	2,932							7	2,376	1	909	1	1	0	24
9	9,380	56.4	12	44.4	52		0	0	0	2,932							10	2,386	0	909	0	0	0	24
10	10,400						0	0	0	2,932							6	2,392	0	909	1	0	1	25
11	9,950						0	0	0	2,932							1	2,393	0	909	1	0	1	26
12	9,550	56.3	12.6	43.7	50	4.0	0	0	0	2,932							17	2,410	0	909	2	0	2	28
13	9,280	56.3	12.3	44.0	50	4.0	0	0	0	2,932							0	2,410	0	909	2	1	1	30
14	10,700						0	0	0	2,932							1	2,411	0	909	0	0	0	30
15	11,000						1	0	1	2,933							14	2,425	0	909	2	0	2	32
16	10,700	56.3	15	41.3	49	3.8	0	0	0	2,933							13	2,438	0	909	4	0	4	36
17	11,000	56.4	15.1	41.3	49	3.8	0	0	0	2,933							24	2,462	0	909	4	0	4	40
18	19,500	57.5	15.9	42.4	48	3.5	0	0	0	2,933							117	2,579	6	915	12	1	11	52
19	22,400	57.9	19.4	38.5	48	<1.0	0	0	0	2,933							18	2,597	3	918	2	0	2	54
20	29,200	57.7	19.6	38.1	48	<1.0	0	0	0	2,933							-3	2,594	0	918	2	0	2	56
21	30,600						0	0	0	2,933							14	2,608	2	920	5	0	5	61
22	22,000						0	0	0	2,933							10	2,618	3	923	7	0	7	68
23	18,000	57.1	16.3	40.8	48	<1.0	0	0	0	2,933							3	2,621	0	923	2	0	2	70
24	16,000	56.7	15.4	41.3	48	<1.0	0	0	0	2,933							4	2,625	0	923	4	0	4	74
25	15,400	56.3	15.3	41.0	46	1.0	0	0	0	2,933							1	2,626	0	923	1	0	1	75
26	14,400						0	0	0	2,933							1	2,627	0	923	1	0	1	76
27	14,300						0	0	0	2,933							6	2,633	0	923	-1	0	-1	75
28	14,100						0	0	0	2,933							-1	2,632	0	923	1	0	1	76
29	13,700						0	0	0	2,933							0	2,632	0	923	1	0	1	77
30	13,000	55.4	13.1	42.3	40	2.0	0	0	0	2,933							3	2,635	0	923	0	0	0	77

WILLAMETTE FALLS FISHWAY COUNTS

Month December Year 2015

Date	Hydrological Data						Fall Chinook									Coho				Steelhead			
							Adult			Jack			Mini Jack			Adult		Jack		Winter			
	Flow	HW	TW	Diff	Temp	Vis	Daily			Cum.	Daily			Cum.	Daily	Cum.	Daily	Cum.	Daily			Cum.	
							Total	Clipped	Unclip		Total	Clipped	Unclip						Total	Clipped	Unclip		Total
																2,635	923				77		
1	12,600	55.1	12.8	42.3	40	2.2										-2	2,633	0	923	0	0	0	77
2	13,100	55.2	12.7	42.5	39	2.5										2	2,635	0	923	0	0	0	77
3	15,100	55.9	13.8	42.1	39	3.5										-1	2,634	0	923	0	0	0	77
4	16,900	56.2	16.3	39.9	39	4										3	2,637	0	923	3	0	3	80
5	26,100															1	2,638	0	923	4	0	4	84
6	29,100															11	2,649	0	923	15	0	15	99
7	32,500	58.0	20.1	37.9	48	1.0										1	2,650	0	923	5	0	5	104
8	61,700	60.3	25.8	34.5	48	<1.0										0	2,650	0	923	-1	0	-1	103
9	73,100	61.3	30	31.3	50	<1.0										0	2,650	0	923	2	0	2	105
10	74,000	61.6	32.4	29.2	50	<1.0										0	2,650	0	923	0	0	0	105
11	73,300	62.5	33.1	28.4	50	<1.0										0	2,650	0	923	3	0	3	108
12	74,200															0	2,650	0	923	0	0	0	108
13	82,700															0	2,650	0	923	-1	0	-1	107
14	93,300	61.6	32.7	28.9	48											0	2,650	0	923	3	0	3	110
15	94,000	61.6	33.1	28.5	48											0	2,650	0	923	-1	0	-1	109
16	89,000	61.3	32.4	28.9	47											0	2,650	0	923	4	0	4	113
17	75,000															0	2,650	0	923	-2	0	-2	111
18	95,800	61.7	32.4	29.3	45											0	2,650	0	923	-1	0	-1	110
19	121,000															0	2,650	0	923	0	0	0	110
20	121,000															0	2,650	0	923	0	0	0	110
21	116,000	62.4	37.4	25.0	48											0	2,650	0	923	-1	0	-1	109
22	98,100	62.3	36.5	25.8	48											0	2,650	0	923	0	0	0	109
23	86,400	61.8	34.3	27.5	47											0	2,650	0	923	-2	0	-2	107
24	92,200															0	2,650	0	923	2	0	2	109
25	94,400															0	2,650	0	923	-1	0	-1	108
26	92,300															0	2,650	0	923	3	0	3	111
27	84,700															0	2,650	0	923	2	0	2	113
28	80,100	60.5	27.9	32.6	43											0	2,650	0	923	0	0	0	113
29	76,300	60.1	28.6	31.5	43											0	2,650	0	923	10	0	10	123
30	65,300	59.7	27.4	32.3	41											0	2,650	0	923	8	0	8	131
31	52,100	59.1	25.4	33.7	38											0	2,650	0	923	8	0	8	139