

WILLAMETTE FALLS FISHWAY COUNTS

Month January Year 2008

Date	Hydrological Data				Spring Chinook						Coho				Steelhead			
					Adult		Jack		Mini Jack		Adult		Jack		Summer		Winter	
	Flow	Temp.	Hwtr.	Turbidity	Daily	Cum.	Daily	Cum.	Daily	Cum.	Daily	Cum.	Daily	Cum.	Daily	Cum.		
																764		
1	49,900															32	796	
2	43,200	40	58.0	1.3												23	819	
3	41,100	40	57.8	1.5												50	869	
4	40,500	40	57.9	1.5												98	967	
5	45,300															87	1,054	
6	58,000															22	1,076	
7	64,300	41	59.2	<1.0												1	1,077	
8	61,700	41	59.4	<1.0												0	1,077	
9	64,900	40	59.4	<1.0												4	1,081	
10	68,400	40	59.8	<1.0												3	1,084	
11	73,500	41	60.1	<1.0												2	1,086	
12	75,600															17	1,103	
13	80,900															33	1,136	
14	78,700	43	60.5	<1.0												22	1,158	
15	70,200															37	1,195	
16	63,200	41	59.7	<1.0												23	1,218	
17	54,000	40	59.0	1.0												11	1,229	
18	48,300	40	58.5	1.0												14	1,243	
19	43,900															9	1,252	
20	39,700															9	1,261	
21	34,200															9	1,270	
22	30,300	39	56.8	1.7												6	1,276	
23	27,600	38	56.4	1.8												5	1,281	
24	24,300	38	56.0	2.6												2	1,283	
25	22,000	36	55.7	2.8												5	1,288	
26	20,700															5	1,293	
27	23,500															5	1,298	
28	38,300	36	56.8	2.8												11	1,309	
29	37,700	36	57.2	2.8												1	1,310	
30	40,000	36	57.2	2.5												1	1,311	
31	45,700	38	57.8	2.0												6	1,317	

WILLAMETTE FALLS FISHWAY COUNTS

Month March Year 2008

Date	Hydrological Data				Spring Chinook						Coho				Steelhead			
					Adult		Jack		Mini Jack		Adult		Jack		Summer		Winter	
	Flow	Temp.	Hwtr.	Turbidity	Daily	Cum.	Daily	Cum.	Daily	Cum.	Daily	Cum.	Daily	Cum.	Daily	Cum.		
																	2,597	
1	16,400													14	14	18	2,615	
2	21,400													14	28	50	2,665	
3	21,300	47	55.7	4.7										11	39	29	2,694	
4	20,500	47	55.6	4.7										6	45	23	2,717	
5	19,200	45	55.6	4.5										4	49	5	2,722	
6	17,400	44	55.5	4.5										6	55	7	2,729	
7	15,900	44	55.3	4.6										2	57	9	2,738	
8	15,300	44	55.1	4.7										6	63	2	2,740	
9	16,800													4	67	3	2,743	
10	16,900	46	55.4	4.8										6	73	4	2,747	
11	16,600	46	55.3	4.8										4	77	10	2,757	
12	19,500	48	55.6	4.3										34	111	28	2,785	
13	19,400	48	55.7	4.3										26	137	37	2,822	
14	21,800	48	55.7	3.8										25	162	58	2,880	
15	31,000													24	186	49	2,929	
16	38,800	46	57.3	<1.0										17	203	66	2,995	
17	38,100	46	57.5	<1.0										3	206	24	3,019	
18	34,900	46	57.5	1.5										19	225	45	3,064	
19	43,800	45	57.5	1.8										29	254	139	3,203	
20	47,500	45	58.0	1.8										22	276	91	3,294	
21	45,300	44	58.0	1.8										15	291	49	3,343	
22	43,000													14	305	36	3,379	
23	37,000													32	337	39	3,418	
24	33,200	45	57.0	2.5										29	366	32	3,450	
25	32,500	45	56.9	2.6										30	396	30	3,480	
26	30,300	45	56.6	2.8										25	421	24	3,504	
27	32,600	44	56.7	2.8	1	1								19	440	6	3,510	
28	31,000				0	1								4	444	6	3,516	
29	29,200				0	1								6	450	7	3,523	
30	26,500				0	1								29	479	18	3,541	
31	23,900	43	56.1	2.8	0	1								11	490	4	3,545	

WILLAMETTE FALLS FISHWAY COUNTS

Month May Year 2008

Date	Hydrological Data				Spring Chinook						Coho				Steelhead			
					Adult		Jack		Mini Jack		Adult		Jack		Summer		Winter	
	Flow	Temp.	Hwtr.	Turbidity	Daily	Cum.	Daily	Cum.	Daily	Cum.	Daily	Cum.	Daily	Cum.	Daily	Cum.		
						814		4		0					1,968	4,611		
1	25,800	51	56.2	5.3	114	928	0	4		0					85	2,053	22	4,633
2	24,200	50	56.0	5.3	53	981	0	4		0					77	2,130	16	4,649
3	22,500				20	1,001	0	4		0					56	2,186	9	4,658
4	22,200				79	1,080	0	4		0					121	2,307	25	4,683
5	24,000	53	55.8	5.7	309	1,389	2	6		0					194	2,501	35	4,718
6	24,800	54	56.2	5.7	397	1,786	1	7		0					170	2,671	30	4,748
7	27,000	54	56.2	5.7	400	2,186	3	10		0					119	2,790	22	4,770
8	28,200	53	56.2	5.8	150	2,336	4	14		0					116	2,906	15	4,785
9	28,500	51	56.2	6.2	57	2,393	0	14		0					43	2,949	13	4,798
10	26,600	51	56.1	6.2	73	2,466	1	15		0					80	3,029	8	4,806
11	27,100				99	2,565	1	16		0					105	3,134	27	4,833
12	28,200	50	56.2	5.7	155	2,720	2	18		0					129	3,263	19	4,852
13	27,700	50	56.1	5.6	90	2,810	0	18		0					74	3,337	15	4,867
14	27,000	50	56.1	6.1	271	3,081	2	20		0					131	3,468	26	4,893
15	27,700	51	56.2	6.2	156	3,237	1	21		0					117	3,585	22	4,915
16	30,400	54	56.2	6.3	272	3,509	2	23		0					176	3,761		
17	36,000				426	3,935	5	28		0					149	3,910		
18	40,300	58	57.1	3.5	394	4,329	3	31		0					139	4,049		
19	42,600	58	57.3	3.4	202	4,531	2	33		0					206	4,255		
20	42,400	57	57.3	3.2	132	4,663	3	36		0					229	4,484		
21	46,000	55	57.4	2.8	78	4,741	5	41	11	11					239	4,723		
22	48,300	53	57.6	2.6	16	4,757	0	41	0	11					78	4,801		
23	44,500				9	4,766	0	41	0	11					127	4,928		
24	38,700				20	4,786	0	41	0	11					205	5,133		
25	33,400				8	4,794	0	41	3	14					296	5,429		
26	31,000				45	4,839	0	41	0	14					214	5,643		
27	29,800	52	56.2	4.2	117	4,956	2	43	1	15					258	5,901		
28	28,600	53	56.1	4.3	164	5,120	9	52	3	18					206	6,107		
29	27,200	53	56.1	4.8	176	5,296	7	59	0	18					170	6,277		
30	28,800	53	56.2	5.2	165	5,461	7	66	2	20					159	6,436		
31	28,200				218	5,679	4	70	8	28					189	6,625		

* Steelhead were only counted as Summer Steelhead beginning on May 16.

WILLAMETTE FALLS FISHWAY COUNTS

Month July Year 2008

Date	Hydrological Data				Spring Chinook						Coho				Steelhead			
					Adult		Jack		Mini Jack		Adult		Jack		Summer		Winter	
	Flow	Temp.	Hwtr.	Turbidity	Daily	Cum.	Daily	Cum.	Daily	Cum.	Daily	Cum.	Daily	Cum.	Daily	Cum.		
						11,173		218		5,761						12,702		
1	15,800	66	55.4	5.8	250	11,423	2	220	259	6,020					93	12,795		
2	16,100	67	55.4	5.8	155	11,578	10	230	138	6,158					84	12,879		
3	14,800	67	55.3	5.7	172	11,750	3	233	218	6,376					88	12,967		
4	13,800				126	11,876	0	233	135	6,511					66	13,033		
5	12,900	66	55.0	6.0	130	12,006	11	244	162	6,673					58	13,091		
6	12,500				153	12,159	9	253	138	6,811					86	13,177		
7	11,900	66	54.7	5.8	275	12,434	8	261	161	6,972					99	13,276		
8	10,800				247	12,681	11	272	159	7,131					87	13,363		
9	10,200	68	54.4	5.7	187	12,868	8	280	168	7,299					87	13,450		
10	9,890	68	54.2	5.8	72	12,940	5	285	109	7,408					60	13,510		
11	9,450	70	54.2	5.8	97	13,037	3	288	117	7,525					41	13,551		
12	9,100				86	13,123	9	297	78	7,603					38	13,589		
13	8,500				93	13,216	11	308	91	7,694					54	13,643		
14	8,000	71	53.9	5.0	91	13,307	1	309	103	7,797					58	13,701		
15	7,800	72	53.8	5.0	76	13,383	6	315	122	7,919					45	13,746		
16	7,500	72	53.3	5.7	99	13,482	4	319	170	8,089					67	13,813		
17	7,400	72	53.5	5.7	72	13,554	3	322	157	8,246					53	13,866		
18	7,500	73	53.8	6.3	79	13,633	6	328	139	8,385					29	13,895		
19	7,400				36	13,669	0	328	79	8,464					16	13,911		
20	7,300	73	53.7	5.4	37	13,706	0	328	76	8,540					18	13,929		
21	7,400	73	53.8	5.3	48	13,754	4	332	93	8,633					16	13,945		
22	7,250	72	53.4	5.2	48	13,802	1	333	82	8,715					27	13,972		
23	7,150	72	53.6	5.2	43	13,845	7	340	107	8,822					42	14,014		
24					30	13,875	2	342	83	8,905					28	14,042		
25	7,100				30	13,905	6	348	129	9,034					29	14,071		
26	7,100				19	13,924	5	353	68	9,102					14	14,085		
27	7,200				31	13,955	1	354	89	9,191					31	14,116		
28	7,200				19	13,974	0	354	70	9,261					21	14,137		
29	6,700				38	14,012	3	357	69	9,330					26	14,163		
30	6,700				28	14,040	3	360	69	9,399					18	14,181		
31	6,800				8	14,048	5	365	56	9,455					28	14,209		

WILLAMETTE FALLS FISHWAY COUNTS

Month August Year 2008

Date	Hydrological Data				Spring/Fall Chinook						Coho				Steelhead			
					Adult		Jack		Spr. Mini		Adult		Jack		Summer		Winter	
	Flow	Temp.	Hwtr.	Turbidity	Daily	Cum.	Daily	Cum.	Daily	Cum.	Daily	Cum.	Daily	Cum.	Daily	Cum.		
						14,048		365		9,455						14,209		
1	7,000	70	55.9	5.2	8	14,056	1	366	24	9,479					7	14,216		
2	7,100	70	56.1	5.3	6	14,062	7	373	72	9,551					15	14,231		
3	6,800				6	14,068	5	378	30	9,581	1	1			7	14,238		
4	6,800	69	56.1	6.3	7	14,075	1	379	20	9,601	0	1			9	14,247		
5	6,700	70	55.9	6.5	22	14,097	7	386	36	9,637	0	1			20	14,267		
6	6,600	72	56.0	6.5	15	14,112	6	392	56	9,693	0	1			20	14,287		
7	6,500	73	55.8	6.5	7	14,119	19	411	57	9,750	1	2			19	14,306		
8	6,600	73	55.5	6.0	15	14,134	16	427	47	9,797	2	4			40	14,346		
9	6,700				2	14,136	26	453	22	9,819	3	7			15	14,361		
10	6,800				1	14,137	13	466	54	9,873	4	11	1	1	25	14,386		
11	6,800	76	55.7	6.2	0	14,137	8	474	12	9,885	2	13	1	2	9	14,395		
12	6,700	76	55.5	6.2	0	14,137	10	484	31	9,916	1	14	2	4	17	14,412		
13	6,500	76	55.6	6.7	12	14,149	23	507	39	9,955	2	16	0	4	22	14,434		
14	6,500	76	55.6	6.7	0	14,149	11	518	12	9,967	4	20	5	9	12	14,446		
15	6,500	77	55.5	6.4	2	14,151	3	521	6	9,973	1	21	9	18	12	14,458		
16	6,400				0	0	0	0	5	9,978	5	26	11	29	14	14,472		
17	6,500				1	1	12	12	16	9,994	4	30	4	33	9	14,481		
18	6,700	78	55.3	5.2	0	1	4	16	5	9,999	2	32	2	35	8	14,489		
19	6,800	78	55.3	5.8	0	1	5	21	2	10,001	1	33	3	38	7	14,496		
20	7,100	76	55.2	5.6	1	2	2	23	0	10,001	0	33	0	38	17	14,513		
21	7,300	74	55.4	5.3	0	2	0	23	0	10,001	0	33	0	38	1	14,514		
22	8,400	74	56.0	5.3	3	5	2	25	10	10,011	0	33	0	38	15	14,529		
23	8,000				2	7	5	30	3	10,014	0	33	0	38	8	14,537		
24	7,500				1	8	1	31	15	10,029	0	33	0	38	5	14,542		
25	7,600	72	56.0	5.2	6	14	12	43	13	10,042	1	34	1	39	22	14,564		
26	7,500	71	56.2	5.2	0	14	0	43	4	10,046	0	34	5	44	4	14,568		
27	7,500	70	56.0	5.7	*	14	*	43	*	10,046	*	34	*	44	*	14,568		
28	7,400	70	56.2	5.8	*	14	*	43	*	10,046	*	34	*	44	*	14,568		
29	7,500	71	55.9	6.2	*	14	*	43	*	10,046	*	34	*	44	*	14,568		
30	7,400				*	14	*	43	*	10,046	*	34	*	44	*	14,568		
31	7,200				*	14	*	43	*	10,046	*	34	*	44	*	14,568		

*Daily counts for Aug 27-31 not available due to fishway maintenance.

**Chinook were counted as Fall Chinook beginning on Aug 16.

WILLAMETTE FALLS FISHWAY COUNTS

Month September Year 2008

Date	Hydrological Data				Fall Chinook						Coho				Steelhead			
					Adult		Jack		Mini Jack		Adult		Jack		Summer		Winter	
	Flow	Temp.	Hwtr.	Turbidity	Daily	Cum.	Daily	Cum.	Daily	Cum.	Daily	Cum.	Daily	Cum.	Daily	Cum.		
						14		43		10,046		34		44		14,568		
1	7,300				*	14	*	43	*	10,046	*	34	*	44	*	14,568		
2	8,000			6.0	*	14	*	43	*	10,046	*	34	*	44	*	14,568		
3	8,000			6.4	*	14	*	43	*	10,046	*	34	*	44	*	14,568		
4	8,000			6.7	*	14	*	43	*	10,046	*	34	*	44	*	14,568		
5	8,100				*	14	*	43	*	10,046	*	34	*	44	*	14,568		
6	8,200				*	14	*	43	*	10,046	*	34	*	44	*	14,568		
7	8,300				*	14	*	43	*	10,046	*	34	*	44	*	14,568		
8	8,400			6.7	*	14	*	43	*	10,046	*	34	*	44	*	14,568		
9	8,800			6.7	*	14	*	43	*	10,046	*	34	*	44	*	14,568		
10	9,000			6.8	*	14	*	43	*	10,046	*	34	*	44	*	14,568		
11	9,300			6.8	*	14	*	43	*	10,046	*	34	*	44	*	14,568		
12	9,400			6.8	*	14	*	43	*	10,046	*	34	*	44	*	14,568		
13	9,400				*	14	*	43	*	10,046	*	34	*	44	*	14,568		
14	9,400				*	14	*	43	*	10,046	*	34	*	44	*	14,568		
15	9,100			7.2	*	14	*	43	*	10,046	*	34	*	44	*	14,568		
16	8,900			7.2	*	14	*	43	*	10,046	*	34	*	44	*	14,568		
17	8,700			7.1	*	14	*	43	*	10,046	*	34	*	44	*	14,568		
18	8,900			6.8	*	14	*	43	*	10,046	*	34	*	44	*	14,568		
19	9,100			6.8	*	14	*	43	*	10,046	*	34	*	44	*	14,568		
20	9,000				*	14	*	43	*	10,046	*	34	*	44	*	14,568		
21	8,900				*	14	*	43	*	10,046	*	34	*	44	*	14,568		
22	9,200			6.8	88	102	31	74	18	10,064	273	307	314	358	48	14,616		
23	9,400	60	56.5	6.8	282	384	82	156	18	10,082	415	722	380	738	40	14,656		
24	9,300	60	56.3	6.8	141	525	91	247	4	10,086	181	903	221	959	7	14,663		
25	9,700	59	56.5	6.9	198	723	170	417	22	10,108	195	1,098	226	1,185	23	14,686		
26	9,600	59	55.6	7.0	246	969	98	515	100	10,208	110	1,208	68	1,253	10	14,696		
27	9,600				109	1,078	152	667	7	10,215	163	1,371	131	1,384	7	14,703		
28	9,700				109	1,187	81	748	7	10,222	209	1,580	123	1,507	10	14,713		
29	9,700	60	55.4	6.8	111	1,298	38	786	10	10,232	247	1,827	193	1,700	2	14,715		
30	9,700	61	55.5	6.9	54	1,352	42	828	7	10,239	195	2,022	211	1,911	7	14,722		
31																		

*Daily counts for Sept 1-21 not available due to fishway maintenance.

WILLAMETTE FALLS FISHWAY COUNTS

Month October Year 2008

Date	Hydrological Data				Fall Chinook						Coho				Steelhead			
					Adult		Jack		Mini Jack		Adult		Jack		Summer		Winter	
	Flow	Temp.	Hwtr.	Turbidity	Daily	Cum.	Daily	Cum.	Daily	Cum.	Daily	Cum.	Daily	Cum.	Daily	Cum.		
						1,352		828		10,239		2,022		1,911		14,722		
1	9,600	61	55.5	7.3	49	1,401	19	847	3	10,242	121	2,143	97	2,008	0	14,722		
2	9,700	61	55.3	7.0	28	1,429	5	852	2	10,244	94	2,237	51	2,059	2	14,724		
3	10,200	61	55.1	6.3	59	1,488	18	870	7	10,251	250	2,487	145	2,204	7	14,731		
4	11,500				84	1,572	10	880	2	10,253	174	2,661	94	2,298	11	14,742		
5	13,600				72	1,644	28	908	8	10,261	140	2,801	89	2,387	3	14,745		
6	14,900	59	56.2	5.2	107	1,751	40	948	7	10,268	61	2,862	47	2,434	7	14,752		
7	14,900				166	1,917	54	1,002	3	10,271	54	2,916	27	2,461	6	14,758		
8	14,800	59	56.3	6.2	82	1,999	12	1,014	0	10,271	84	3,000	43	2,504	2	14,760		
9	14,700	58	56.2	6.2	67	2,066	17	1,031	0	10,271	73	3,073	53	2,557	3	14,763		
10	14,400	58	56.1	6.3	45	2,111	7	1,038	0	10,271	72	3,145	35	2,592	5	14,768		
11	14,200				60	2,171	9	1,047	2	10,273	11	3,156	13	2,605	5	14,773		
12	12,800				68	2,239	13	1,060	1	10,274	31	3,187	25	2,630	2	14,775		
13	11,500	55	55.9	6.3	18	2,257	3	1,063	2	10,276	45	3,232	24	2,654	5	14,780		
14	11,100	55	55.9	6.4	26	2,283	16	1,079	0	10,276	30	3,262	17	2,671	2	14,782		
15	11,400	54	55.8	6.6	23	2,306	3	1,082	1	10,277	26	3,288	29	2,700	0	14,782		
16	12,400	53	55.6	6.6	16	2,322	1	1,083	0	10,277	10	3,298	9	2,709	6	14,788		
17	12,800	53	56.2	6.8	13	2,335	0	1,083	0	10,277	30	3,328	18	2,727	4	14,792		
18	13,500				21	2,356	3	1,086	0	10,277	53	3,381	13	2,740	2	14,794		
19	13,400				22	2,378	2	1,088	0	10,277	39	3,420	19	2,759	4	14,798		
20	12,900	55	55.4	5.8	19	2,397	2	1,090	0	10,277	28	3,448	17	2,776	2	14,800		
21	13,100	55	56.4	5.8	19	2,416	0	1,090	0	10,277	44	3,492	13	2,789	8	14,808		
22	13,500	53	55.7	6.7	10	2,426	0	1,090	0	10,277	19	3,511	7	2,796	6	14,814		
23	13,300				9	2,435	0	1,090	0	10,277	34	3,545	7	2,803	8	14,822		
24	12,800	53	56.3	6.5	19	2,454	1	1,091	0	10,277	60	3,605	15	2,818	4	14,826		
25	12,000				15	2,469	0	1,091	0	10,277	12	3,617	0	2,818	6	14,832		
26	11,600				9	2,478	0	1,091	0	10,277	8	3,625	0	2,818	10	14,842		
27	11,900	53	56.7	6.6	8	2,486	0	1,091	0	10,277	11	3,636	2	2,820	11	14,853		
28	11,800				2	2,488	0	1,091	0	10,277	4	3,640	3	2,823	2	14,855		
29	11,300	53	56.5	6.3	7	2,495	0	1,091	0	10,277	12	3,652	4	2,827	8	14,863		
30	11,100	53	56.3	6.3	5	2,500	0	1,091	0	10,277	10	3,662	2	2,829	7	14,870		
31	11,200	54	57.0	4.8	11	2,511	0	1,091	0	10,277	45	3,707	8	2,837	6	14,876		

WILLAMETTE FALLS FISHWAY COUNTS

Month December Year 2008

Date	Hydrological Data				Fall Chinook						Coho				Steelhead			
					Adult		Jack		Mini Jack		Adult		Jack		Summer		Winter	
	Flow	Temp.	Hwtr.	Turbidity	Daily	Cum.	Daily	Cum.	Daily	Cum.	Daily	Cum.	Daily	Cum.	Daily	Cum.		
												4,040	2,961			154		
1	10,700	47	54.7	5.4							1	4,041	0	2,961		6	160	
2	10,600	47	54.6	5.3							3	4,044	0	2,961		3	163	
3	11,800	49	54.8	5.5							2	4,046	0	2,961		6	169	
4	12,900	50	55.2	5.6							0	4,046	1	2,962		5	174	
5	13,300	50	55.4	6.0							1	4,047	0	2,962		6	180	
6	12,300										1	4,048	0	2,962		3	183	
7	10,000										0	4,048	0	2,962		4	187	
8	9,000	46	54.8	5.7							0	4,048	0	2,962		5	192	
9	8,900	45	54.8	5.6							0	4,048	0	2,962		0	192	
10	8,700	45	54.7	5.6							0	4,048	0	2,962		3	195	
11	8,500	43	54.2	5.4							0	4,048	0	2,962		4	199	
12	8,300	43	53.6	5.4							0	4,048	0	2,962		1	200	
13	8,700										0	4,048	0	2,962		3	203	
14	9,800										0	4,048	0	2,962		3	206	
15	10,200										0	4,048	0	2,962		0	206	
16	10,900	39	54.8	5.0							0	4,048	0	2,962		0	206	
17	11,100	38	54.6	4.8							0	4,048	0	2,962		0	206	
18	11,300	36	54.5	4.4							0	4,048	0	2,962		0	206	
19	12,000	35	55.3	4.3							0	4,048	0	2,962		0	206	
20	12,400										0	4,048	0	2,962		0	206	
21	12,200										0	4,048	0	2,962		0	206	
22	19,600										0	4,048	0	2,962		0	206	
23	26,500										0	4,048	0	2,962		0	206	
24	24,100										0	4,048	0	2,962		1	207	
25	23,500										0	4,048	0	2,962		1	208	
26	25,200	38	56.3	2.2							0	4,048	0	2,962		8	216	
27	22,800	38	55.9	2.0							0	4,048	0	2,962		3	219	
28	32,100										0	4,048	0	2,962		11	230	
29	63,700	41	58.4	<1.0							0	4,048	0	2,962		1	231	
30	81,000	41	60.2	<1.0							0	4,048	0	2,962		0	231	
31	84,000	43	60.3	<1.0							0	4,048	0	2,962		0	231	