

WILLAMETTE FALLS FISHWAY COUNTS

Month February Year 2009

Date	Hydrological Data				Spring Chinook									Coho				Steelhead			
					Adult			Cum.	Jack			Cum.	Mini Jack		Adult		Jack		Winter		
	Flow	HW	Temp	Vis	Total	Clipped	Unclip		Total	Clipped	Unclip		Daily	Cum.	Daily	Cum.	Daily	Cum.	Total	Clipped	Unclip
								Total				Clipped									
1	18,000																2	0	2	541	
2	17,000	55.9	39	4.4													6	0	6	549	
3	17,000	55.6	39	4.5													8	0	8	557	
4	16,000	55.5	39	4.7													1	0	1	558	
5	14,000	55.0	40	4.8													8	0	8	566	
6	13,000	54.8	40	4.8													26	4	22	592	
7	13,000																10	2	8	602	
8	12,000																40	5	35	642	
9	11,500	54.4	42	4.9													36	5	31	678	
10	11,000	54.5	42	4.9													6	1	5	684	
11	11,000	54.5	42	4.7													8	0	8	692	
12	11,000	54.7	40	4.6													7	0	7	699	
13	11,400	54.4	40	4.8													0	0	0	699	
14	11,500																2	0	2	701	
15	11,000																2	0	2	703	
16	11,000																5	0	5	708	
17	10,500	54.0	41	4.6													3	0	3	711	
18	10,600	54.4	41	4.6													9	0	9	720	
19	10,500	54.3	41	4.7													18	0	18	738	
20	10,200	54.2	41	4.8													6	0	6	744	
21	10,000																18	0	18	762	
22	9,800	53.5	44	5.1													18	0	18	780	
23	10,000																22	0	22	802	
24	13,000																38	2	36	840	
25	28,000	55.5	43	3.7													60	4	56	900	
26	41,000	56.9	43	1.0													92	3	89	992	
27	45,000	57.8	43	<1.0													10	0	10	1,002	
28	34,000																7	0	7	1,009	

WILLAMETTE FALLS FISHWAY COUNTS

Month March Year 2009

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	0	Total	Clipped	Unclip		Daily	Cum.	Total	Clipped	Unclip	1,009	Total	Clipped	Unclip	0
1	26,000				0	0	0	0							14	1	13	1,023	0	0	0	0
2	24,000	55.7	41	1.4	0	0	0	0							82	0	82	1,105	5	5	0	5
3	26,500	55.7	41	1.4	0	0	0	0							95	0	95	1,200	5	5	0	10
4	26,000	55.9	42	2.0	0	0	0	0							89	0	89	1,289	18	18	0	28
5	23,000	55.8	43	1.7	0	0	0	0							103	0	103	1,392	20	20	0	48
6	23,000				0	0	0	0							63	0	63	1,455	17	17	0	65
7	23,000				1	1	0	1							24	0	24	1,479	4	4	0	69
8	21,000	56.0	43	2.7	0	0	0	1							12	0	12	1,491	3	3	0	72
9	20,000	55.9	43	2.6	0	0	0	1							14	0	14	1,505	4	4	0	76
10	18,000	55.9	44	3.2	0	0	0	1							7	0	7	1,512	2	2	0	78
11	16,700	55.7	44	3.3	0	0	0	1							5	0	5	1,517	3	3	0	81
12	15,000	55.6	42	3.3	0	0	0	1							2	0	2	1,519	1	1	0	82
13	14,500	55.5	42	3.4	1	0	1	2							3	0	3	1,522	2	2	0	84
14	14,000				1	0	1	3							3	0	3	1,525	7	7	0	91
15	15,000				2	2	0	5							4	0	4	1,529	5	5	0	96
16	26,000	55.4	43	2.8	1	1	0	6							14	0	14	1,543	8	8	0	104
17	37,000	57.2	43	2.7	0	0	0	6							15	0	15	1,558	0	0	0	104
18	34,000	57.5	44	1.0	0	0	0	6							18	0	18	1,576	4	4	0	108
19	30,000	56.8	44	1.6	0	0	0	6							54	0	54	1,630	15	15	0	123
20	27,000	56.0	46	1.6	0	0	0	6							70	0	70	1,700	18	18	0	141
21	25,000				2	1	1	8							68	0	68	1,768	21	21	0	162
22	24,000				3	0	3	11							24	0	24	1,792	23	23	0	185
23	25,000	56.1	48	2.8	1	1	0	12							17	0	17	1,809	10	10	0	195
24	24,000	56.2	48	2.8	1	1	0	13							21	0	21	1,830	14	14	0	209
25	23,000	56.0	47	2.8	0	0	0	13							7	0	7	1,837	4	4	0	213
26	24,000	56.3	47	2.6	0	0	0	13							10	0	10	1,847	10	10	0	223
27	27,000				1	0	1	14							15	0	15	1,862	12	12	0	235
28	25,000				1	1	0	15							16	0	16	1,878	20	20	0	255
29	26,000				3	1	2	18							36	0	36	1,914	16	16	0	271
30	29,000	56.5	48	3.0	0	0	0	18							18	0	18	1,932	8	8	0	279
31	28,000	56.2	48	3.1	1	0	1	19							18	0	18	1,950	14	14	0	293

WILLAMETTE FALLS FISHWAY COUNTS

Month April Year 2009

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	19	Total	Clipped	Unclip	0	Daily	Cum.	Total	Clipped	Unclip	1,950	Total	Clipped	Unclip	293
1	26,000	56.0	45	3.3	1	1	0	20	0	0	0	0			7	0	7	1,957	8	8	0	301
2	24,000	55.6	45	3.8	2	1	1	22	0	0	0	0			12	0	12	1,969	8	8	0	309
3	27,000	56.0	43	3.6	1	1	0	23	0	0	0	0			11	0	11	1,980	19	19	0	328
4	30,000				0	0	0	23	0	0	0	0			6	0	6	1,986	16	16	0	344
5	26,500				9	4	5	32	0	0	0	0			4	0	4	1,990	20	20	0	364
6	25,000	56.0	48	3.6	9	4	5	41	0	0	0	0			14	0	14	2,004	25	25	0	389
7	24,000	55.4	49	3.7	5	1	4	46	0	0	0	0			19	0	19	2,023	28	28	0	417
8	23,000	55.4	50	4.4	5	3	2	51	0	0	0	0			34	0	34	2,057	60	60	0	477
9	23,000	55.4	50	4.4	16	11	5	67	0	0	0	0			41	0	41	2,098	28	28	0	505
10	23,000	55.5	50	4.3	12	8	4	79	0	0	0	0			12	0	12	2,110	9	9	0	514
11	24,000				23	5	18	102	0	0	0	0			7	0	7	2,117	22	22	0	536
12	22,000				34	16	18	136	0	0	0	0			14	0	14	2,131	11	11	0	547
13	22,000	55.7	50	4.7	27	12	15	163	0	0	0	0			15	0	15	2,146	16	16	0	563
14	26,000	55.9	49	4.6	5	4	1	168	0	0	0	0			11	0	11	2,157	18	18	0	581
15	24,000	55.9	49	4.5	10	3	7	178	0	0	0	0			5	0	5	2,162	16	16	0	597
16	22,000	56.2	48	4.8	5	4	1	183	0	0	0	0			7	0	7	2,169	10	10	0	607
17	20,000				9	3	6	192	0	0	0	0			7	0	7	2,176	17	17	0	624
18	20,000				26	10	16	218	0	0	0	0			9	0	9	2,185	25	25	0	649
19	20,000				58	32	26	276	0	0	0	0			10	0	10	2,195	30	30	0	679
20	20,000	55.2	51	5.3	160	80	80	436	0	0	0	0			73	0	73	2,268	89	89	0	768
21	20,000	55.1	52	5.4	226	142	84	662	0	0	0	0			56	0	56	2,324	81	81	0	849
22	20,200	54.7	54	5.6	425	279	146	1,087	0	0	0	0			43	0	43	2,367	78	78	0	927
23	20,000	54.8	56	5.8	310	168	142	1,397	1	1	0	1			29	0	29	2,396	78	78	0	1,005
24	19,000	54.7	57	6.0	488	311	177	1,885	3	3	0	4			26	0	26	2,422	51	51	0	1,056
25	19,000				356	203	153	2,241	3	1	2	7			15	0	15	2,437	43	43	0	1,099
26	19,000				178	104	74	2,419	0	0	0	7			11	0	11	2,448	41	41	0	1,140
27	18,000	54.6	53	6.3	67	38	29	2,486	2	2	0	9			12	0	12	2,460	43	43	0	1,183
28	18,000	54.1	53	6.3	22	13	9	2,508	0	0	0	9			4	0	4	2,464	31	31	0	1,214
29	18,000	54.4	51	6.3	25	16	9	2,533	0	0	0	9			5	0	5	2,469	44	44	0	1,258
30	17,000	54.6	50	6.4	9	8	1	2,542	0	0	0	9			9	0	9	2,478	46	46	0	1,304

WILLAMETTE FALLS FISHWAY COUNTS

Month May Year 2009

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	15,500				158	87	71	2,700	0	0	0	9	0	0	5	0	5	2,483	50	50	0	1,354
2	15,000				322	214	108	3,022	2	2	0	11	0	0	27	0	27	2,510	89	89	0	1,443
3	17,000				1257	833	424	4,279	11	9	2	22	0	0	50	0	50	2,560	111	111	0	1,554
4	18,000	53.9	54	5.7	642	442	200	4,921	18	16	2	40	0	0	22	0	22	2,582	60	60	0	1,614
5	21,000	55.2	53	4.5	995	716	279	5,916	55	48	7	95	0	0	42	0	42	2,624	165	165	0	1,779
6	37,000	56.2	53	2.7	75	38	37	5,991	7	4	3	102	0	0	6	0	6	2,630	57	57	0	1,836
7	49,000	58.2	53	2.5	13	8	5	6,004	1	0	1	103	0	0	8	0	8	2,638	21	21	0	1,857
8	50,400	58.8	51	1.5	4	4	0	6,008	2	2	0	105	0	0	15	0	15	2,653	18	18	0	1,875
9	44,000				22	16	6	6,030	1	1	0	106	0	0	43	0	43	2,696	150	150	0	2,025
10	36,000				38	25	13	6,068	6	2	4	112	0	0	39	0	39	2,735	251	251	0	2,276
11	30,000	56.6	52	2.6	63	40	23	6,131	8	6	2	120	0	0	29	0	29	2,764	205	205	0	2,481
12	26,000	56.1	52	2.9	83	53	30	6,214	14	10	4	134	0	0	10	0	10	2,774	87	87	0	2,568
13	26,000	55.8	53	4.2	205	149	56	6,419	23	18	5	157	0	0	23	0	23	2,797	117	117	0	2,685
14	27,000	55.7	53	4.3	342	267	75	6,761	20	15	5	177	1	1	9	0	9	2,806	164	164	0	2,849
15	32,000	56.6	53	4.3	86	63	23	6,847	8	6	2	185	0	1	7	0	7	2,813	112	112	0	2,961
16	30,000				105	65	40	6,952	16	10	6	201	1	2	0	0	0	2,813	120	120	0	3,081
17	27,000	56.0	55	4.3	477	332	145	7,429	19	14	5	220	1	3	0	0	0	2,813	174	174	0	3,255
18	26,000	55.4	56	4.2	1453	1,121	332	8,882	53	41	12	273	3	6	0	0	0	2,813	222	222	0	3,477
19	25,500	55.2	58	5.2	1178	860	318	10,060	71	60	11	344	0	6	0	0	0	2,813	205	205	0	3,682
20	26,000	56.1	58	5.3	740	612	128	10,800	89	82	7	433	6	12	0	0	0	2,813	187	185	2	3,869
21	25,000		58		487	394	93	11,287	66	64	2	499	6	18	0	0	0	2,813	182	181	1	4,051
22	22,000				383	330	53	11,670	44	43	1	543	5	23	0	0	0	2,813	139	137	2	4,190
23	21,000				516	377	139	12,186	37	27	10	580	0	23	0	0	0	2,813	238	215	23	4,428
24	20,000				521	391	130	12,707	140	130	10	720	28	51	0	0	0	2,813	233	222	11	4,661
25	18,000				524	426	98	13,231	64	53	11	784	0	51	0	0	0	2,813	251	236	15	4,912
26	18,000	54.7	60	5.5	471	382	89	13,702	81	72	9	865	0	51	0	0	0	2,813	194	183	11	5,106
27	18,000	54.7	60	5.6	538	443	95	14,240	98	85	13	963	2	53	0	0	0	2,813	199	190	9	5,305
28	17,000	54.3	61	5.8	530	433	97	14,770	85	77	8	1,048	1	54	0	0	0	2,813	172	159	13	5,477
29	16,000	54.1	63	6.0	552	448	104	15,322	101	87	14	1,149	3	57	0	0	0	2,813	186	166	20	5,663
30	16,000				1077	843	234	16,399	153	133	20	1,302	2	59	0	0	0	2,813	186	175	11	5,849
31	16,000				661	525	136	17,060	93	84	9	1,395	1	60	0	0	0	2,813	160	156	4	6,009

WILLAMETTE FALLS FISHWAY COUNTS

Month June Year 2009

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	17,060	Total	Clipped	Unclip	1,395	Total	Clipped	Unclip	60	Total	Clipped	Unclip	6,009						
1	16,000	53.8	65	5.7	398	313	85	17,458	88	82	6	1,483	3	63					185	181	4	6,194
2	15,000	53.4	66	5.8	340	263	77	17,798	45	36	9	1,528	3	66					187	181	6	6,381
3	15,000	53.5	66	5.8	387	286	101	18,185	48	44	4	1,576	0	66					174	170	4	6,555
4	16,000	53.6	64	5.7	342	271	71	18,527	42	41	1	1,618	1	67					218	213	5	6,773
5	17,000	54.1	63	5.3	272	212	60	18,799	35	28	7	1,653	8	75					261	250	11	7,034
6	17,000				154	109	45	18,953	35	27	8	1,688	4	79					168	159	9	7,202
7	16,000				159	109	50	19,112	8	6	2	1,696	7	86					183	172	11	7,385
8	14,000	54.3	60	5.1	115	95	20	19,227	21	18	3	1,717	1	87					275	265	10	7,660
9	13,000	54.1	60	5.1	167	121	46	19,394	25	23	2	1,742	8	95					285	277	8	7,945
10	13,000	54.3	60	5.9	123	85	38	19,517	16	10	6	1,758	9	104					218	210	8	8,163
11	13,000	54.4	60	6.1	120	88	32	19,637	19	15	4	1,777	9	113					301	285	16	8,464
12	13,000	54.3	60	6.3	104	72	32	19,741	18	14	4	1,795	21	134					221	212	9	8,685
13	13,500				145	90	55	19,886	19	11	8	1,814	26	160					283	273	10	8,968
14	13,000				137	104	33	20,023	24	19	5	1,838	32	192					231	225	6	9,199
15	12,000	54.2	63	6.1	185	126	59	20,208	27	17	10	1,865	38	230					178	170	8	9,377
16	10,400	54.0	63	6.2	165	122	43	20,373	15	9	6	1,880	46	276					192	174	18	9,569
17	9,700	53.8	63	6.2	113	77	36	20,486	14	9	5	1,894	57	333					158	140	18	9,727
18	9,500	53.7	65	6.4	107	73	34	20,593	10	9	1	1,904	43	376					127	124	3	9,854
19	9,300	53.4	67	5.7	120	73	47	20,713	18	13	5	1,922	53	429					172	155	17	10,026
20	9,200				126	95	31	20,839	9	3	6	1,931	47	476					151	138	13	10,177
21	9,300				111	77	34	20,950	13	11	2	1,944	35	511					140	130	10	10,317
22	9,300	53.7	68	6.2	128	77	51	21,078	15	12	3	1,959	56	567					114	106	8	10,431
23	9,200	52.9	68	6.2	87	55	32	21,165	13	11	2	1,972	65	632					91	86	5	10,522
24	8,900	52.2	68	6.3	459	321	138	21,624	43	32	11	2,015	106	738					184	171	13	10,706
25	8,700				415	292	123	22,039	37	32	5	2,052	137	875					183	173	10	10,889
26	8,900				375	257	118	22,414	58	47	11	2,110	200	1,075					169	158	11	11,058
27	8,600				282	203	79	22,696	29	21	8	2,139	201	1,276					170	162	8	11,228
28	8,300				209	162	47	22,905	21	19	2	2,160	199	1,475					194	182	12	11,422
29	8,100				207	149	58	23,112	15	13	2	2,175	197	1,672					125	115	10	11,547
30	7,900	53.7	68	5.3	312	213	99	23,424	28	22	6	2,203	192	1,864					154	145	9	11,701

WILLAMETTE FALLS FISHWAY COUNTS

Month July Year 2009

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	23,424	Total	Clipped	Unclip	2,203	Daily	Cum.	Daily	Cum.	Total	Clipped	Unclip		Total	Clipped	Unclip	11,701		
1	7,800	53.2	69	5.3	202	141	61	23,626	20	15	5	2,223	218	2,082					172	159	13	11,873
2	7,300	53.3	69	5.4	345	237	108	23,971	34	26	8	2,257	242	2,324					205	195	10	12,078
3	7,100	54.2	70	5.5	210	145	65	24,181	31	23	8	2,288	213	2,537					156	140	16	12,234
4	7,300				226	159	67	24,407	23	17	6	2,311	210	2,747					107	99	8	12,341
5	7,200				157	112	45	24,564	16	11	5	2,327	233	2,980					94	89	5	12,435
6	7,200	55.8	72	5.2	122	80	42	24,686	18	12	6	2,345	259	3,239					139	130	9	12,574
7	7,100	54.5	72	5.2	81	53	28	24,767	12	9	3	2,357	292	3,531					116	108	8	12,690
8	7,100	53.7	73	5.7	78	49	29	24,845	9	8	1	2,366	268	3,799					117	104	13	12,807
9	6,800	55.2	73	5.7	68	48	20	24,913	8	5	3	2,374	137	3,936					68	61	7	12,875
10	6,700	55.5	72	5.9	84	55	29	24,997	14	11	3	2,388	155	4,091					97	91	6	12,972
11	7,100				53	29	24	25,050	21	17	4	2,409	195	4,286					103	94	9	13,075
12	6,800				39	29	10	25,089	11	7	4	2,420	142	4,428					123	115	8	13,198
13	7,400	56.0	69	4.8	34	26	8	25,123	13	11	2	2,433	197	4,625					156	147	9	13,354
14	7,300	55.9	68	5.8	43	26	17	25,166	5	3	2	2,438	118	4,743					140	127	13	13,494
15	7,200	55.5	70	6.8	54	35	19	25,220	13	11	2	2,451	186	4,929					138	129	9	13,632
16	7,000				41	28	13	25,261	17	11	6	2,468	175	5,104					86	78	8	13,718
17	6,700	55.7	70	6.3	55	32	23	25,316	6	5	1	2,474	99	5,203					38	35	3	13,756
18	6,400				87	55	32	25,403	8	4	4	2,482	111	5,314					105	94	11	13,861
19	6,400				86	55	31	25,489	19	13	6	2,501	209	5,523					101	94	7	13,962
20	6,400	55.5	72	6.8	45	17	28	25,534	15	11	4	2,516	181	5,704					83	75	8	14,045
21	6,300	55.3	73	6.8	44	19	25	25,578	3	0	3	2,519	179	5,883					54	49	5	14,099
22	6,300	55.6	75	6.4	20	7	13	25,598	2	1	1	2,521	114	5,997					41	37	4	14,140
23	6,200	55.5	75	6.4	24	19	5	25,622	15	14	1	2,536	75	6,072					13	11	2	14,153
24	6,300				17	4	13	25,639	10	9	1	2,546	95	6,167					22	21	1	14,175
25	6,300				13	7	6	25,652	5	4	1	2,551	61	6,228					13	11	2	14,188
26	6,300	55.3	75	6.4	9	1	8	25,661	3	3	0	2,554	46	6,274					14	10	4	14,202
27	6,300	55.3	76	6.3	4	1	3	25,665	12	11	1	2,566	34	6,308					7	7	0	14,209
28	6,100				4	0	4	25,669	8	6	2	2,574	47	6,355					4	3	1	14,213
29	5,900				3	0	3	25,672	7	6	1	2,581	31	6,386					1	1	0	14,214
30	6,100				1	0	1	25,673	0	0	0	2,581	7	6,393					0	0	0	14,214
31	6,000				0	0	0	25,673	0	0	0	2,581	2	6,395					0	0	0	14,214

WILLAMETTE FALLS FISHWAY COUNTS

Month August Year 2009

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				
1	6,100				0	0	0	25,673	0	0	0	2,581	2	6,397				0	0	0	14,214
2	6,300				0	0	0	25,673	0	0	0	2,581	2	6,399				0	0	0	14,214
3	6,300				0	0	0	25,673	0	0	0	2,581	0	6,399				0	0	0	14,214
4	6,400				0	0	0	25,673	0	0	0	2,581	0	6,399				0	0	0	14,214
5	6,400				0	0	0	25,673	0	0	0	2,581	2	6,401				0	0	0	14,214
6	6,600	55.7	78	5.8	0	0	0	25,673	0	0	0	2,581	0	6,401				0	0	0	14,214
7	6,700	56.1	77	5.8	0	0	0	25,673	1	1	0	2,582	3	6,404				0	0	0	14,214
8	6,800	56.3	76	6.0	2	0	2	25,675	0	0	0	2,582	14	6,418				1	1	0	14,215
9	7,100				2	1	1	25,677	5	5	0	2,587	29	6,447				5	4	1	14,220
10	7,100	56.4	72	6.8	9	5	4	25,686	10	7	3	2,597	44	6,491				2	1	1	14,222
11	7,000	56.6	72	6.8	8	5	3	25,694	4	4	0	2,601	83	6,574				5	5	0	14,227
12	7,000	56.5	70	6.6	10	9	1	25,704	18	14	4	2,619	93	6,667				8	8	0	14,235
13	6,800	56.6	70	6.8	20	9	11	25,724	27	22	5	2,646	121	6,788				33	29	4	14,268
14	6,800	56.7	70	6.4	29	10	19	25,753	42	35	7	2,688	130	6,918				37	27	10	14,305
15	6,600				42	20	22	25,795	31	25	6	2,719	107	7,025				55	43	12	14,360
16	6,600				30	10	20	30	18	14	4	18	111	7,136				31	21	10	14,391
17	6,700	56.6	70	7.4	21	2	19	51	12	10	2	30	98	7,234				52	41	11	14,443
18	6,700	56.5	70	7.5	17	4	13	68	6	3	3	36	72	7,306				44	35	9	14,487
19	6,600	56.3	72	7.3	20	5	15	88	4	3	1	40	72	7,378				46	38	8	14,533
20	6,400	56.5	72	6.8	24	5	19	112	3	2	1	43	40	7,418				11	8	3	14,544
21	6,500	56.7	71	6.6	15	4	11	127	4	4		47	32	7,450				16	14	2	14,560
22	6,500				8	2	6	135	6	3	3	53	10	7,460				7	4	3	14,567
23	6,500				6	1	5	141	6	4	2	59	7	7,467				15	11	4	14,582
24	6,500	56.5	72	7.6	14	4	10	155	4	2	2	63	8	7,475				12	7	5	14,594
25	6,500	56.5	72	7.6	12	0	12	167	6	4	2	69	1	7,476				12	3	9	14,606
26	6,600	56.5	72	7.6	1	0	1	168	0	0	0	69	0	7,476				1	0	1	14,607
27	7,200	56.6	73	7.7	14	2	12	182	7	6	1	76	0	7,476				2	0	2	14,609
28	7,200				21	0	21	203	4	3	1	80	0	7,476				26	17	9	14,635
29	7,200				12	2	10	215	1	1	0	81	0	7,476				11	8	3	14,646
30	7,300				17	1	16	232	3	1	2	84	0	7,476				10	7	3	14,656
31	7,400	56.6	68	7.5	20	3	17	252	2	1	1	86	0	7,476				5	4	1	14,661

WILLAMETTE FALLS FISHWAY COUNTS

Month September

Year 2009

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	Clipped	Unclip		Total	Clipped
1	7,300	56.6	0	56.6	68	7.4	25	1	24	277	4	2	2	90	0	7,476	13	83	4	48	7	4	3	14,668
2	7,400	56.5	9.3	47.2	68	7.7	18	1	17	295	0	0	0	90	0	7,476	19	102	3	51	9	3	6	14,677
3	7,700	56.6	8.7	47.9	70	7.7	30	4	26	325	8	1	7	98	0	7,476	27	129	9	60	8	7	1	14,685
4	7,800	56.5	9.7	46.8	70	7.6	39	4	35	364	8	3	5	106	0	7,476	53	182	13	73	15	10	5	14,700
5	8,000	0	0.0	0.0			63	12	51	427	9	2	7	115	0	7,476	38	220	3	76	17	13	4	14,717
6	8,300	0	0.0	0.0			47	7	40	474	6	1	5	121	0	7,476	64	284	8	84	13	9	4	14,730
7	8,900	0	0.0	0.0			31	3	28	505	2	2	0	123	0	7,476	122	406	8	92	13	6	7	14,743
8	9,200	55.9	11.2	44.7	67	7.6	36	4	32	541	1	0	1	124	0	7,476	161	567	9	101	23	13	10	14,766
9	9,100	55.9	11.5	44.4	67	7.6	41	6	35	582	4	1	3	128	0	7,476	229	796	28	129	14	9	5	14,780
10	8,800	55.8	11.5	44.3	66	7.3	37	6	31	619	1	0	1	129	0	7,476	366	1,162	21	150	14	8	6	14,794
11	8,500	55.8	10.9	44.9	66	7.2	53	14	39	672	2	1	1	131	0	7,476	624	1,786	39	189	13	7	6	14,807
12	8,700	0	0.0	0.0			56	12	44	728	4	1	3	135	0	7,476	606	2,392	57	246	7	2	5	14,814
13	8,500	0	0.0	0.0			41	12	29	769	3	1	2	138	0	7,476	587	2,979	69	315	6	2	4	14,820
14	8,900	55.8	10.5	45.3	67	7.0	32	7	25	801	5	3	2	143	0	7,476	543	3,522	65	380	11	8	3	14,831
15	8,600	55.8	10.6	45.2	68	7.1	25	4	21	826	4	2	2	147	0	7,476	384	3,906	65	445	10	5	5	14,841
16	8,800	55.9	10.8	45.1	69	7.5	29	5	24	855	9	0	9	156	0	7,476	403	4,309	63	508	3	0	3	14,844
17	8,800	55.8	10.8	45.0	68	7.5	22	3	19	877	6	0	6	162	0	7,476	406	4,715	49	557	4	3	1	14,848
18	8,300	55.8	10.8	45.0	68	7.9	21	2	19	898	4	1	3	166	0	7,476	516	5,231	63	620	5	2	3	14,853
19	8,000	0	0.0	0.0			15	1	14	913	3	0	3	169	0	7,476	450	5,681	71	691	11	3	8	14,864
20	7,800	0	0.0	0.0			19	0	19	932	3	0	3	172	0	7,476	528	6,209	70	761	3	1	2	14,867
21	7,500	55.8	9.5	46.3	66	7.7	20	4	16	952	4	0	4	176	0	7,476	973	7,182	104	865	8	2	6	14,875
22	7,400	55.8	9.6	46.2	66	7.7	49	11	38	1,001	9	3	6	185	2	7,478	853	8,035	131	996	0	0	0	14,875
23	7,700	55.8	9.0	46.8	67	7.8	43	9	34	1,044	6	0	6	191	0	7,478	713	8,748	91	1,087	7	3	4	14,882
24	7,600	55.8	9.4	46.4	65	7.8	37	7	30	1,081	3	1	2	194	0	7,478	761	9,509	109	1,196	7	3	4	14,889
25	7,700	55.8	9.3	46.5	65	7.8	30	2	28	1,111	7	1	6	201	2	7,480	648	10,157	57	1,253	3	1	2	14,892
26	8,000	0	0.0	0.0			20	1	19	1,131	3	0	3	204	0	7,480	626	10,783	56	1,309	5	2	3	14,897
27	8,200	0	0.0	0.0			16	1	15	1,147	6	0	6	210	0	7,480	692	11,475	43	1,352	3	0	3	14,900
28	8,200	55.7	10.4	45.3	63	7.3	11	0	11	1,158	4	0	4	214	2	7,482	578	12,053	56	1,408	9	1	8	14,909
29	8,200	55.8	10.1	45.7	63	7.3	13	0	13	1,171	2	0	2	216	3	7,485	464	12,517	43	1,451	7	2	5	14,916
30	8,600	54.9	11.3	43.6	61	7.7	10	0	10	1,181	1	0	1	217	0	7,485	520	13,037	44	1,495	6	4	2	14,922

WILLAMETTE FALLS FISHWAY COUNTS

Month October Year 2009

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.	Daily			Cum.
							Total	Clipped	Unclip		Total	Clipped	Unclip								Total	Clipped	Unclip	
1	9,400	55.8	10.9	44.9	61	7.5	8	0	8	1,181	2	0	2	219	0	7,485	560	13,037	75	1,495	1	1	0	14,923
2	10,000	55.8	11.4	44.4	60	7.6	6	0	6	1,195	2	0	2	221	1	7,486	638	14,235	25	1,595	8	2	6	14,931
3	10,100			0.0			9	1	8	1,204	3	0	3	224	1	7,487	738	14,973	40	1,635	3	1	2	14,934
4	10,000			0.0			8	0	8	1,212	2	0	2	226	0	7,487	702	15,675	39	1,674	4	0	4	14,938
5	9,800	55.8	11.6	44.2	59	7.8	7	0	7	1,219	3	0	3	229	0	7,487	803	16,478	60	1,734	4	0	4	14,942
6	9,200	55.0	11.2	43.8	59	7.8	8	0	8	1,227	0	0	0	229	0	7,487	725	17,203	53	1,787	1	0	1	14,943
7	9,700	55.6	11.9	43.7	58	7.7	4	0	4	1,231	0	0	0	229	0	7,487	669	17,872	37	1,824	5	2	3	14,948
8	10,400	55.7	12.0	43.7	58	7.6	8	0	8	1,239	0	0	0	229	0	7,487	476	18,348	34	1,858	2	1	1	14,950
9	10,700	55.8	12.3	43.5	57	7.2	4	0	4	1,243	0	0	0	229	0	7,487	304	18,652	21	1,879	1	0	1	14,951
10	10,500			0.0			0	0	0	1,243	0	0	0	229	0	7,487	362	19,014	10	1,889	8	0	8	14,959
11	10,100			0.0			3	0	3	1,246	0	0	0	229	0	7,487	361	19,375	16	1,905	4	1	3	14,963
12	9,300	55.3	11.3	44.0	56	7.6	0	0	0	1,246	0	0	0	229	0	7,487	297	19,672	19	1,924	4	1	3	14,967
13	8,900	53.9	10.4	43.5	55	7.5	2	0	2	1,248	0	0	0	229	0	7,487	279	19,951	13	1,937	2	0	2	14,969
14	9,400	55.3	11.3	44.0	54	7.6	3	0	3	1,251	0	0	0	229	0	7,487	209	20,160	14	1,951	2	0	2	14,971
15	10,500	56.0	12.5	43.5	54	7.4	4	1	3	1,255	0	0	0	229	0	7,487	152	20,312	10	1,961	3	1	2	14,974
16	11,600			0.0			3	0	3	1,258	0	0	0	229	0	7,487	186	20,498	20	1,981	12	7	5	14,986
17	11,000			0.0			7	0	7	1,265	0	0	0	229	0	7,487	340	20,838	8	1,989	3	2	1	14,989
18	11,000			0.0			6	0	6	1,271	0	0	0	229	0	7,487	748	21,586	13	2,002	10	4	6	14,999
19	10,400	55.7	12.7	43.0	58	6.3	8	0	8	1,279	1	0	1	230	0	7,487	533	22,119	18	2,020	11	4	7	15,010
20	10,200	55.7	11.3	44.4	58	6.5	7	0	7	1,286	0	0	0	230	0	7,487	374	22,493	7	2,027	11	2	9	15,021
21	10,500	55.8	11.7	44.1	59	6.8	5	0	5	1,291	0	0	0	230	0	7,487	252	22,745	2	2,029	4	1	3	15,025
22	11,300	55.8	12.4	43.4	59	6.8	6	0	6	1,297	0	0	0	230	0	7,487	145	22,890	2	2,031	5	2	3	15,030
23	12,000	55.8		55.8	58	5.2	6	0	6	1,303	0	0	0	230	0	7,487	98	22,988	7	2,038	3	0	3	15,033
24	12,000			0.0			1	0	1	1,304	0	0	0	230	0	7,487	101	23,089	2	2,040	4	2	2	15,037
25	12,000			0.0			4	1	3	1,308	1	0	1	231	0	7,487	96	23,185	2	2,042	2	1	1	15,039
26	11,200	55.7	12.5	43.2	55	4.5	4	0	4	1,312	0	0	0	231	0	7,487	171	23,356	2	2,044	8	4	4	15,047
27	11,000	55.7	12.7	43.0	54	5.2	5	0	5	1,317	0	0	0	231	0	7,487	270	23,626	4	2,048	3	2	1	15,050
28	12,400	56.0	13.3	42.7	54	5.2	2	0	2	1,319	0	0	0	231	0	7,487	181	23,807	4	2,052	4	3	1	15,054
29	12,600	55.7		55.7	53	5.2	6	1	5	1,325	0	0	0	231	0	7,487	323	24,130	3	2,055	5	1	4	15,059
30	13,400	55.7	14.0	41.7	53	4.9	3	0	3	1,328	0	0	0	231	0	7,487	141	24,271	1	2,056	2	2	0	15,061
31	15,500			0.0			3	0	3	1,331	0	0	0	231	0	7,487	101	24,372	4	2,060	1	0	1	15,062

WILLAMETTE FALLS FISHWAY COUNTS

Month November Year 2009

Date	Hydrological Data						Fall Chinook									Coho				Steelhead				
							Adult			Jack			Mini Jack			Adult		Jack		Winter			Cum.	
	Flow	HW	TW	Diff	Temp	Vis	Daily			Cum.	Daily			Cum.	Daily	Cum.	Daily	Cum.	Daily					
							Total	Clipped	Unclip		Total	Clipped	Unclip						Total	Clipped	Unclip	Total	Clipped	Unclip
1	16,200			0.0			1	1	0	1,331							89	24,461	3	2,063	0	0	0	0
2	16,000	56.1		56.1	52	4.8	1	1	0	1,333							98	24,559	1	2,064	5	0	5	5
3	14,800	56.0	15.2	40.8	52	4.8	0	0	0	1,333							100	24,659	2	2,066	8	1	7	13
4	14,400	55.7		55.7	51	4.5	0	0	0	1,333							42	24,701	1	2,067	5	0	5	18
5	14,000	55.6		55.6	51	4.5	0	0	0	1,333							37	24,738	2	2,069	2	0	2	20
6	14,000	55.7		55.7	50	4.2	0	0	0	1,333							33	24,771	4	2,073	2	0	2	22
7	16,000			0.0			0	0	0	1,333							36	24,807	0	2,073	3	0	3	25
8	21,000			0.0			0	0	0	1,333							44	24,851	5	2,078	2	1	1	27
9	24,000	56.9	17.5	39.4	50	2.9	0	0	0	1,333							57	24,908	3	2,081	3	0	3	30
10	23,000	56.9		56.9	50	2.7	0	0	0	1,333							45	24,953	0	2,081	5	1	4	35
11	22,000			0.0			0	0	0	1,333							45	24,998	0	2,081	1	0	1	36
12	22,200	56.6		56.6	49	2.6	0	0	0	1,333							5	25,003	1	2,082	1	0	1	37
13	23,000	56.6		56.6	49	2.5	1	0	1	1,334							12	25,015	0	2,082	1	0	1	38
14	22,000			0.0			0	0	0	1,334							9	25,024	0	2,082	0	0	0	38
15	21,000			0.0			0	0	0	1,334							10	25,034	0	2,082	1	0	1	39
16	19,200	56.0	16.4	39.6	48	3.0	1	0	1	1,335							18	25,052	0	2,082	1	0	1	40
17	19,000	55.7	15.9	39.8	48	2.8	0	0	0	1,335							15	25,067	0	2,082	0	0	0	40
18	25,000			0.0			0	0	0	1,335							23	25,090	0	2,082	3	0	3	43
19	30,000	57.1	18.3	38.8	48	2.8	1	0	1	1,336							25	25,115	1	2,083	3	1	2	46
20	28,000	57.1	18.6	38.5	46	2.5	0	0	0	1,336							48	25,163	0	2,083	9	1	8	55
21	28,000			0.0			0	0	0	1,336							24	25,187	2	2,085	8	1	7	63
22	30,000			0.0			0	0	0	1,336							27	25,214	4	2,089	4	0	4	67
23	34,000	57.5	19.4	38.1	46	1.8	0	0	0	1,336							5	25,219	1	2,090	2	0	2	69
24	33,400	57.5	19.9	37.6	46	1.3	0	0	0	1,336							11	25,230	1	2,091	1	0	1	70
25	28,000	57.1	19.0	38.1	45	1.0	0	0	0	1,336							4	25,234	1	2,092	5	0	5	75
26	25,000			0.0			0	0	0	1,336							7	25,241	1	2,093	3	0	3	78
27	26,000			0.0			0	0	0	1,336							12	25,253	0	2,093	7	0	7	85
28	35,000			0.0			0	0	0	1,336							9	25,262	0	2,093	6	0	6	91
29	36,000			0.0			0	0	0	1,336							6	25,268	0	2,093	12	0	12	103
30	32,000	57.1	19.3	37.8	46	2.5	0	0	0	1,336							2	25,270	0	2,093	11	0	11	114

WILLAMETTE FALLS FISHWAY COUNTS

Month December Year 2009

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	1,336	Total	Clipped	Unclip	231		7,487	Daily	Cum.	Daily	Cum.	Total	Clipped	Unclip
1	28,000	56.7	18.5	38.2	45	3.3								3	25,273	0	2,093	8	1	7	122		
2	24,000	56.2		56.2	44	3.3								0	25,273	0	2,093	5	0	5	127		
3	19,000	56.1	16.5	39.6	42	3.6								0	25,273	0	2,093	1	0	1	128		
4	16,000	56.0	14.4	41.6	42	3.9								3	25,276	1	2,094	5	0	5	133		
5	14,000			0.0										7	25,283	0	2,094	3	0	3	136		
6	13,000			0.0										0	25,283	0	2,094	0	0	0	136		
7	12,000	55.1	12.3	42.8	39	4.8								0	25,283	0	2,094	0	0	0	136		
8	12,000	55.0	12.0	43.0	38	5.0								0	25,283	0	2,094	0	0	0	136		
9	12,200	54.7	11.8	42.9	35	5.5								0	25,283	0	2,094	0	0	0	136		
10	13,000	54.8	11.6	43.2	33	6.0								0	25,283	0	2,094	0	0	0	136		
11	12,200	55.0	12.1	42.9	33	6.2								0	25,283	0	2,094	0	0	0	136		
12	11,400			0.0										0	25,283	0	2,094	0	0	0	136		
13	11,000			0.0										0	25,283	0	2,094	0	0	0	136		
14	10,000	54.6	11.7	42.9	34	5.2								0	25,283	0	2,094	1	0	1	137		
15	10,300	54.6	11.4	43.2	36	4.2								0	25,283	0	2,094	0	0	0	137		
16	24,000	55.7	13.3	42.4	38	3.0								1	25,284	0	2,094	7	0	7	144		
17	37,000	57.6	19.6	38.0	40	1.3								0	25,284	0	2,094	0	0	0	144		
18	38,300	58.0	21.6	36.4	42	<1.0								0	25,284	0	2,094	3	0	3	147		
19	34,300			0.0										0	25,284	0	2,094	20	0	20	167		
20	31,000			0.0										2	25,286	0	2,094	83	1	82	250		
21	34,000	57.0	19.5	37.5	43	<1.0								2	25,288	0	2,094	122	3	119	372		
22	44,000	57.9	20.3	37.6	45	<1.0								0	25,288	0	2,094	72	12	60	444		
23	43,000	58.1	21.6	36.5	44	1.2								1	25,289	0	2,094	8	0	8	452		
24	38,000			0.0										2	25,291	0	2,094	19	1	18	471		
25	33,000			0.0										1	25,292	0	2,094	23	1	22	494		
26	27,000			0.0										0	25,292	0	2,094	13	1	12	507		
27	22,400			0.0										0	25,292	0	2,094	12	0	12	519		
28	20,000	55.5	16.6	38.9	40	3.2								0	25,292	0	2,094	10	0	10	529		
29	18,000	55.5	16.0	39.5	39	3.3								4	25,296	0	2,094	31	2	29	560		
30	18,000	55.6	14.9	40.7	38	3.3								2	25,298	0	2,094	0	0	0	560		
31	21,000	55.6	16.0	39.6	38	3.5								0	25,298	0	2,094	5	1	4	565		