

**WILLAMETTE FALLS FISHWAY COUNTS**

Month January Year 2014

Date	Hydrological Data						Spring 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		Cum.				
							Total	Clipped	Unclip		Total	Clipped	Unclip		Daily	Cum.	Daily	Cum.	Total	Clipped	Unclip		
1	12,100														0	18,627	0	0	2	0	2	208	
2	12,000														0	18,627	0	0	4	0	4	212	
3	11,700	53.8	11.9	41.9	40										0	18,627	0	0	5	0	5	217	
4	11,800														0	18,627	0	0	2	0	2	219	
5	11,400														0	18,627	0	0	4	0	4	223	
6	11,000	53.7	11.8	41.9	40	4.8									0	18,627	0	0	1	0	1	224	
7	10,800	53.6	11.6	42.0	40	5.0									0	18,627	0	0	2	0	2	226	
8	10,900	53.6	11.6	42.0	40	5.0									0	18,627	0	0	4	0	4	230	
9	12,400	53.9	12.0	41.9	40	5.8									0	18,627	0	0	6	0	6	236	
10	17,300	54.6	13.0	41.6	40	4.0									0	18,627	0	0	14	0	14	250	
11	20,400														0	18,627	0	0	29	0	29	279	
12	27,400														2	18,629	0	0	55	0	55	334	
13	35,900														3	18,632	0	0	62	0	62	396	
14	37,500														0	18,632	0	0	41	0	41	437	
15	31,500														0	18,632	0	0	49	0	49	486	
16	26,100	56.7	17.8	38.9	43	<1.0									1	18,633	0	0	97	0	97	583	
17	23,000	56.5	16.3	40.2	43	<1.0									1	18,634	0	0	37	0	37	620	
18	20,400														0	18,634	0	0	21	0	21	641	
19	18,600														1	18,635	0	0	22	0	22	663	
20	17,100														0	18,635	0	0	4	0	4	667	
21	16,200	54.9	13.8	41.1	40	3.8									0	18,635	0	0	8	1	7	675	
22	15,300	54.7	13.5	41.2	40	3.8									0	18,635	0	0	2	0	2	677	
23	14,700	54.6	13.2	41.4	40	4.5									0	18,635	0	0	6	0	6	683	
24	14,200	54.1	13.9	40.2	39	4.8									0	18,635	0	0	0	0	0	683	
25	14,200														0	18,635	0	0	1	0	1	684	
26	13,700														0	18,635	0	0	9	0	9	693	
27	13,300	54.1	12.5	41.6	39	4.8									0	18,635	0	0	3	0	3	696	
28	13,000	54.1	12.3	41.8	40	4.8									0	18,635	0	0	1	0	1	697	
29	13,300	54.1	12.4	41.7	40	5.0									0	18,635	0	0	2	0	2	699	
30	20,000	54.7	12.8	41.9	40	5.0									1	18,636	0	0	4	0	4	703	
31	24,500														0	18,636	0	0	5	1	4	708	

**WILLAMETTE FALLS FISHWAY COUNTS**

Month February

Year 2014

Date	Hydrological Data						Spring 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		Cum.				
	Total	Clipped	Unclip	Total	Clipped	Unclip	Total	Cum.	Daily	Cum.	Daily	Cum.	Total	Clipped	Unclip	Cum.							
1	24,300												0	18,636			52	0	52	760			
2	22,500												0	18,636			40	0	40	800			
3	20,900	55.6	14.9	40.7	42	3.8							0	18,636			14	0	14	814			
4	20,300	55.5	14.6	40.9	42	4.0							0	18,636			2	0	2	816			
5	19,400												0	18,636			5	0	5	821			
6	18,700	55.1	14.2	40.9	39	3.8							0	18,636			3	0	3	824			
7	18,200												0	18,636			0	0	0	824			
8	18,100												0	18,636			2	0	2	826			
9	22,500												0	18,636			0	0	0	826			
10	38,500	56.6	16.4	40.2	35								0	18,636			0	0	0	826			
11	43,600	56.8	19.5	37.3	38	1.0							0	18,636			5	0	5	831			
12	64,100	58.2	21.2	37.0	40	<1.0							0	18,636			3	0	3	834			
13	82,200	59.5	26.2	33.3	41								0	18,636			6	0	6	840			
14	92,600	60.3	29.6	30.7	43								0	18,636			-2	0	-2	838			
15	98,700												0	18,636			1	0	1	839			
16	103,000												0	18,636			4	0	4	843			
17	103,000												0	18,636			-1	0	-1	842			
18	102,000	61.3	34.4	26.9	45								0	18,636			1	0	1	843			
19	102,000												0	18,636			1	0	1	844			
20	104,000	61.2	34.1	27.1	45								0	18,636			0	0	0	844			
21	104,000	61.2	33.9	27.3	45								0	18,636			-4	0	-4	840			
22	99,500												0	18,636			6	0	6	846			
23	90,800												0	18,636			-1	0	-1	845			
24	78,000	60.0	30.1	29.9	43								0	18,636			11	0	11	856			
25	73,100	59.5	28.2	31.3	43	1.0							0	18,636			24	0	24	880			
26	63,900	59.0	26.5	32.5	45	1.5							0	18,636			72	0	72	952			
27	56,900	58.5	25.0	33.5	45	1.6							0	18,636			34	0	34	986			
28	52,600	58	23.7	34.3	46	2.0							0	18,636			42	0	42	1,028			

**WILLAMETTE FALLS FISHWAY COUNTS**

Month March Year 2014

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.	Daily			Cum.
							Total	Clipped	Unclip		Total	Clipped	Unclip				Total	Clipped	Unclip		Total	Clipped	Unclip	
1	50,000						0	0	0	0							72	0	72	1,100	0	0	0	0
2	46,800						0	0	0	0							43	0	43	1,143	0	0	0	0
3	51,100	57.6	21.6	36.0	47	1.9	0	0	0	0							101	0	101	1,244	3	3	0	3
4	60,400	58.4	23.8	34.6	48	1.8	0	0	0	0							167	0	167	1,411	4	4	0	7
5	61,000	58.5	25.0	33.5	48	1.5	0	0	0	0							100	0	100	1,511	4	4	0	11
6	73,600	59.2	26.5	32.7	49	<1.0	0	0	0	0							41	0	41	1,552	4	4	0	15
7	81,600	60.1	29.4	30.7	49	<1.0	0	0	0	0							9	0	9	1,561	1	1	0	16
8	80,300						0	0	0	0							18	0	18	1,579	1	1	0	17
9	79,100	60.2	30.1	30.1	49	<1.0	0	0	0	0							13	0	13	1,592	1	1	0	18
10	86,900	60.1	30.8	29.3	49	<1.0	0	0	0	0							16	0	16	1,608	1	1	0	19
11	87,900	60.4	31.1	29.3	49	<1.0	0	0	0	0							25	0	25	1,633	7	7	0	26
12	87,700	60.3	31.0	29.3	50	<1.0	0	0	0	0							16	0	16	1,649	3	3	0	29
13	81,000	60.1	30.1	30.0	50	<1.0	0	0	0	0							28	0	28	1,677	1	1	0	30
14	69,000						0	0	0	0							73	0	73	1,750	6	6	0	36
15	62,300						0	0	0	0							141	0	141	1,891	20	20	0	56
16	57,600						0	0	0	0							184	0	184	2,075	20	20	0	76
17	53,500	58.1	23.5	34.6	49		0	0	0	0							151	0	151	2,226	23	23	0	99
18	50,300	57.9	23.3	34.6	49	1.8	0	0	0	0							84	0	84	2,310	18	18	0	117
19	44,500	57.7	22.0	35.7	49	2.0	1	1	0	1							59	0	59	2,369	19	19	0	136
20	37,700	57.0	20.4	36.6	48	2.0	1	1	0	2							35	0	35	2,404	18	18	0	154
21	27,900	56.7	18.2	38.5	48	3.0	2	1	1	4							61	0	61	2,465	26	26	0	180
22	23,200						1	0	1	5							49	0	49	2,514	12	12	0	192
23	21,000						0	0	0	5							39	0	39	2,553	21	21	0	213
24	19,700	55.3	15.0	40.3	48	3.8	0	0	0	5							57	0	57	2,610	16	16	0	229
25	18,900	55.2	14.7	40.5	48	3.8	0	0	0	5							45	0	45	2,655	19	19	0	248
26	18,700	55.1	14.5	40.6	50	4.3	3	2	1	8							72	0	72	2,727	27	27	0	275
27	20,500	55.4	14.8	40.6	50	4.3	4	2	2	12							77	0	77	2,804	19	19	0	294
28	27,500	56.2	16.5	39.7	50	3.9	4	4	0	16							105	0	105	2,909	21	21	0	315
29	47,000						0	0	0	16							55	0	55	2,964	31	31	0	346
30	61,700	58.8	24.9	33.9	49	<1.0	0	0	0	16							38	0	38	3,002	7	7	0	353
31	58,400	59.0	26.4	32.6	48	<1.0	0	0	0	16							39	0	39	3,041	3	3	0	356

Cumulative Adult Spring Chinook Mark Rate: 68.8%

**WILLAMETTE FALLS FISHWAY COUNTS**

Month April Year 2014

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		Total	Clipped	Unclip	
1	49,400						0	0	0	16	0	0	0	0	0	0	108	0	108	3,149	6	6	0	362
2	45,300					1.8	0	0	0	16	0	0	0	0	0	0	102	0	102	3,251	9	9	0	371
3	40,700					2.2	0	0	0	16	0	0	0	0	0	0	119	0	119	3,370	19	19	0	390
4	36,800					2.7	0	0	0	16	0	0	0	0	0	0	120	0	120	3,490	27	27	0	417
5	34,900						2	1	1	18	0	0	0	0	0	0	70	0	70	3,560	22	22	0	439
6	33,900						4	2	2	22	0	0	0	0	0	0	79	0	79	3,639	24	24	0	463
7	37,300					3.2	2	1	1	24	0	0	0	0	0	0	80	0	80	3,719	32	32	0	495
8	34,200						14	8	6	38	0	0	0	0	0	0	91	0	91	3,810	28	28	0	523
9	31,600	56.8	18.4	38.4	53	3.3	22	13	9	60	0	0	0	0	0	0	96	0	96	3,906	40	40	0	563
10	29,800	56.8	17.5	39.3	53	3.5	126	95	31	186	0	0	0	0	0	0	110	0	110	4,016	43	43	0	606
11	27,400	56.4	16.8	39.6	55	4.2	192	134	58	378	2	2	0	2	0	0	55	0	55	4,071	41	41	0	647
12	25,800						185	137	48	563	0	0	0	2	0	0	60	0	60	4,131	41	41	0	688
13	23,700						137	92	45	700	1	1	0	3	0	0	40	0	40	4,171	39	39	0	727
14	22,300	55.7	15.4	40.3	55	4.8	200	151	49	900	0	0	0	3	0	0	52	0	52	4,223	50	50	0	777
15	21,300	55.6	15.1	40.5	55	4.8	230	177	53	1,130	1	0	1	4	1	1	52	0	52	4,275	58	58	0	835
16	20,100	55.4	14.9	40.5	55	5.0	195	154	41	1,325	1	1	0	5	0	1	32	0	32	4,307	24	24	0	859
17	19,100	55.2	14.5	40.7	55	5.0	294	205	89	1,619	0	0	0	5	0	1	29	0	29	4,336	34	34	0	893
18	19,200	55.2	14.4	40.8	53	5.3	147	124	23	1,766	0	0	0	5	0	1	31	0	31	4,367	37	37	0	930
19	18,700						84	58	26	1,850	2	2	0	7	0	1	14	0	14	4,381	38	38	0	968
20	17,900						37	23	14	1,887	0	0	0	7	0	1	15	0	15	4,396	24	24	0	992
21	17,400	54.8	13.7	41.1	53	5.6	105	74	31	1,992	0	0	0	7	0	1	8	0	8	4,404	21	21	0	1,013
22	17,100	54.8	13.7	41.1	53	5.5	272	191	81	2,264	3	3	0	10	0	1	18	0	18	4,422	26	26	0	1,039
23	17,300	54.9	13.8	41.1	53	5.3	244	183	61	2,508	2	1	1	12	0	1	12	0	12	4,434	42	42	0	1,081
24	21,100	55.5	14.9	40.6	55	5.6	239	188	51	2,747	1	1	0	13	0	1	35	0	35	4,469	45	45	0	1,126
25	37,500	56.9	18.2	38.7	55	3.0	262	200	62	3,009	4	2	2	17	0	1	66	0	66	4,535	59	59	0	1,185
26	34,700						23	16	7	3,032	1	1	0	18	0	1	30	0	30	4,565	51	51	0	1,236
27	37,600						20	17	3	3,052	0	0	0	18	0	1	28	0	28	4,593	76	76	0	1,312
28	34,200	56.8	19.1	37.7	50	2.8	15	10	5	3,067	0	0	0	18	0	1	19	0	19	4,612	59	59	0	1,371
29	32,900	56.8	19.1	37.7	50	3.0	23	18	5	3,090	0	0	0	18	0	1	27	0	27	4,639	63	63	0	1,434
30	30,000	56.8	18.5	38.3	50	3.3	34	25	9	3,124	0	0	0	18	0	1	27	0	27	4,666	49	49	0	1,483

Cumulative Adult Spring Chinook Mark Rate: 73.9%

**WILLAMETTE FALLS FISHWAY COUNTS**

Month May Year 2014

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.	Daily			Cum.
							Total	Clipped	Unclip	Total	Clipped	Unclip	Total	Clipped	Unclip	Total	Clipped	Unclip	Total	Clipped	Unclip			
1	27,400	56.6	17.4	39.2	52	3.5	299	230	69	<b>3,124</b>	3	2	1	<b>21</b>	0	<b>1</b>	34	0	34	<b>4,700</b>	82	82	0	<b>1,565</b>
2	25,600	56.3	16.6	39.7	56	4.0	1294	1,038	256	<b>4,717</b>	18	15	3	<b>39</b>	1	<b>2</b>	47	0	47	<b>4,747</b>	109	109	0	<b>1,674</b>
3	24,000						1543	1,215	328	<b>6,260</b>	25	20	5	<b>64</b>	1	<b>3</b>	42	0	42	<b>4,789</b>	126	126	0	<b>1,800</b>
4	22,400						912	709	203	<b>7,172</b>	28	24	4	<b>92</b>	1	<b>4</b>	41	0	41	<b>4,830</b>	126	126	0	<b>1,926</b>
5	22,600	55.8	15.7	40.1	56	5.0	373	302	71	<b>7,545</b>	5	5	0	<b>97</b>	0	<b>4</b>	18	0	18	<b>4,848</b>	94	94	0	<b>2,020</b>
6	24,100	56.0	15.9	40.1	56	5.0	227	159	68	<b>7,772</b>	11	10	1	<b>108</b>	1	<b>5</b>	14	0	14	<b>4,862</b>	87	87	0	<b>2,107</b>
7	23,100	55.9	15.9	40.0	57	5.2	132	106	26	<b>7,904</b>	6	6	0	<b>114</b>	0	<b>5</b>	21	0	21	<b>4,883</b>	95	95	0	<b>2,202</b>
8	21,500	55.7	15.4	40.3	57	5.3	234	196	38	<b>8,138</b>	2	2	0	<b>116</b>	0	<b>5</b>	11	0	11	<b>4,894</b>	88	88	0	<b>2,290</b>
9	21,400	55.6	15.2	40.4	57	5.3	169	138	31	<b>8,307</b>	4	3	1	<b>120</b>	0	<b>5</b>	5	0	5	<b>4,899</b>	103	103	0	<b>2,393</b>
10	32,900						118	95	23	<b>8,425</b>	4	2	2	<b>124</b>	0	<b>5</b>	33	0	33	<b>4,932</b>	97	97	0	<b>2,490</b>
11	45,500						35	23	12	<b>8,460</b>	2	1	1	<b>126</b>	0	<b>5</b>	23	0	23	<b>4,955</b>	95	95	0	<b>2,585</b>
12	46,300	57.3	20.8	36.5	53	3.5	18	11	7	<b>8,478</b>	0	0	0	<b>126</b>	0	<b>5</b>	17	0	17	<b>4,972</b>	102	102	0	<b>2,687</b>
13	39,500	57.0	20.2	36.8	53	3.5	34	21	13	<b>8,512</b>	1	0	1	<b>127</b>	0	<b>5</b>	22	0	22	<b>4,994</b>	163	163	0	<b>2,850</b>
14	33,000	56.8	18.8	38.0	55	3.8	141	103	38	<b>8,653</b>	4	3	1	<b>131</b>	0	<b>5</b>	24	0	24	<b>5,018</b>	184	184	0	<b>3,034</b>
15	28,300	56.5	17.1	39.4	58	4.0	2298	1,895	403	<b>10,951</b>	67	52	15	<b>198</b>	2	<b>7</b>	32	0	32	<b>5,050</b>	325	325	0	<b>3,359</b>
16	25,500	56.1	16.2	39.9	59	4.8	1935	1,611	324	<b>12,886</b>	73	59	14	<b>271</b>	11	<b>18</b>	44	0	44	<b>5,094</b>	373	373	0	<b>3,732</b>
17	22,900						1075	859	216	<b>13,961</b>	47	41	6	<b>318</b>	0	<b>18</b>	25	0	25	<b>5,119</b>	253	253	0	<b>3,985</b>
18	20,700						629	513	116	<b>14,590</b>	21	16	5	<b>339</b>	9	<b>27</b>	11	0	11	<b>5,130</b>	242	242	0	<b>4,227</b>
19	20,500	55.3	14.8	40.5	60	5.6	522	428	94	<b>15,112</b>	34	28	6	<b>373</b>	5	<b>32</b>	16	0	16	<b>5,146</b>	177	177	0	<b>4,404</b>
20	22,400	55.5	15.0	40.5	60	5.6	451	370	81	<b>15,563</b>	17	17	0	<b>390</b>	0	<b>32</b>	3	0	3	<b>5,149</b>	225	225	0	<b>4,629</b>
21	20,900	55.4	15.1	40.3	60	5.3	644	530	114	<b>16,207</b>	32	30	2	<b>422</b>	2	<b>34</b>	18	0	18	<b>5,167</b>	230	230	0	<b>4,859</b>
22	20,200						560	455	105	<b>16,767</b>	49	46	3	<b>471</b>	0	<b>34</b>	17	0	17	<b>5,184</b>	226	226	0	<b>5,085</b>
23	18,800						347	286	61	<b>17,114</b>	32	28	4	<b>503</b>	0	<b>34</b>	13	0	13	<b>5,197</b>	209	209	0	<b>5,294</b>
24	17,900						368	281	87	<b>17,482</b>	24	22	2	<b>527</b>	8	<b>42</b>	20	0	20	<b>5,217</b>	141	141	0	<b>5,435</b>
25	17,400						435	367	68	<b>17,917</b>	31	28	3	<b>558</b>	6	<b>48</b>	10	0	10	<b>5,227</b>	190	190	0	<b>5,625</b>
26	17,100						403	346	57	<b>18,320</b>	35	31	4	<b>593</b>	8	<b>56</b>	18	0	18	<b>5,245</b>	211	211	0	<b>5,836</b>
27	16,600	54.4	14.2	40.2	62	5.8	325	263	62	<b>18,645</b>	32	24	8	<b>625</b>	2	<b>58</b>	32	0	32	<b>5,277</b>	237	237	0	<b>6,073</b>
28	16,200	54.4	13.5	40.9	63	6.0	333	283	50	<b>18,978</b>	29	26	3	<b>654</b>	11	<b>69</b>	22	0	22	<b>5,299</b>	207	207	0	<b>6,280</b>
29	15,800	54.4	13.5	40.9	63	6.7	220	177	43	<b>19,198</b>	16	15	1	<b>670</b>	7	<b>76</b>	21	0	21	<b>5,320</b>	179	179	0	<b>6,459</b>
30	14,700	54.3	13.3	41.0	61	6.8	192	156	36	<b>19,390</b>	16	12	4	<b>686</b>	8	<b>84</b>	21	0	21	<b>5,341</b>	166	166	0	<b>6,625</b>
31	13,200						281	229	52	<b>19,671</b>	23	19	4	<b>709</b>	1	<b>85</b>	8	0	8	<b>5,349</b>	305	305	0	<b>6,930</b>

Cumulative Adult Spring Chinook Mark Rate: **79.7%**

**WILLAMETTE FALLS FISHWAY COUNTS**

Month June Year 2014

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	Total	Clipped	Unclip					
1	12,600						252	202	50	19,671	23	21	2	732	9	94				242	227	15	7,172
2	12,400	53.9	12.3	41.6	62	6.3	208	149	59	20,131	15	10	5	747	7	101				185	165	20	7,357
3	12,100	53.8	12.2	41.6	63	6.8	320	261	59	20,451	11	8	3	758	7	108				306	298	8	7,663
4	12,300	53.9	12.2	41.7	65	7.3	248	185	63	20,699	17	13	4	775	21	129				248	242	6	7,911
5	12,800						211	156	55	20,910	11	7	4	786	5	134				246	227	19	8,157
6	12,800						290	236	54	21,200	18	12	6	804	18	152				316	298	18	8,473
7	13,000						236	181	55	21,436	19	15	4	823	8	160				376	353	23	8,849
8	13,500						260	184	76	21,696	12	6	6	835	8	168				353	320	33	9,202
9	13,700	54.1	12.3	41.8	68	6.5	307	253	54	22,003	13	10	3	848	13	181				348	321	27	9,550
10	13,500	54.1	12.2	41.9	68	6.8	357	275	82	22,360	16	15	1	864	24	205				391	371	20	9,941
11	13,400	54.1	12.2	41.9	68	7.2	313	235	78	22,673	12	9	3	876	35	240				313	296	17	10,254
12	13,300	54.2	12.1	42.1	68	7.4	319	256	63	22,992	14	13	1	890	34	274				402	397	5	10,656
13	13,200	54.2	12.2	42.0	68	7.5	186	147	39	23,178	12	11	1	902	21	295				488	479	9	11,144
14	13,500						132	110	22	23,310	15	15	0	917	33	328				341	317	24	11,485
15	13,700						141	112	29	23,451	12	9	3	929	44	372				307	267	40	11,792
16	12,300	54.1	12.1	42.0	63	7.2	89	73	16	23,540	7	4	3	936	28	400				252	225	27	12,044
17	12,000	54.0	11.8	42.2	63	7.2	73	59	14	23,613	7	6	1	943	23	423				177	153	24	12,221
18	12,200	54.0	11.9	42.1	60	6.6	129	96	33	23,742	15	12	3	958	46	469				291	265	26	12,512
19	11,900	54.0	12.0	42.0	60	6.6	261	209	52	24,003	8	7	1	966	32	501				434	431	3	12,946
20	11,500	54.0	11.9	42.1	62	6.8	264	222	42	24,267	20	19	1	986	24	525				397	388	9	13,343
21	11,200						186	136	50	24,453	6	5	1	992	55	580				276	246	30	13,619
22	10,800						145	114	31	24,598	7	6	1	999	56	636				319	293	26	13,938
23	11,200	53.1	13.3	39.8	67	7.3	187	138	49	24,785	13	10	3	1,012	76	712				269	247	22	14,207
24	11,000	52.9	12.9	40.0	68	7.3	274	215	59	25,059	19	13	6	1,031	116	828				477	452	25	14,684
25	11,200	52.9	12.8	40.1	69	6.8	192	137	55	25,251	14	13	1	1,045	150	978				426	400	26	15,110
26	11,300	53.0	12.8	40.2	69	6.8	98	76	22	25,349	22	18	4	1,067	118	1,096				299	281	18	15,409
27	12,400	54.3	13.9	40.4	70	7.0	746	607	139	26,095	43	33	10	1,110	178	1,274				685	649	36	16,094
28	12,800						486	395	91	26,581	30	23	7	1,140	182	1,456				494	468	26	16,588
29	12,800						251	189	62	26,832	7	6	1	1,147	210	1,666				335	320	15	16,923
30	12,000	55.9	13.7	42.2	67	6.3	230	183	47	27,062	10	6	4	1,157	136	1,802				315	300	15	17,238

Cumulative Adult Spring Chinook Mark Rate: 79.4%

**WILLAMETTE FALLS FISHWAY COUNTS**

Month July Year 2014

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	Total	Clipped	Unclip	Total	Clipped	Unclip		
1	11,200	56.1	12.5	43.6	68	6.5	240	197	43	27,302	24	24	0	1,181	126	1,928				276	274	2	17,514
2	11,000	56.1	11.7	44.4	68	6.8	336	277	59	27,638	26	25	1	1,207	224	2,152				420	420	0	17,934
3	10,100	56.0	11.2	44.8	70	7.0	328	254	74	27,966	30	29	1	1,237	146	2,298				480	480	0	18,414
4	9,430						239	188	51	28,205	26	24	2	1,263	146	2,444				290	290	0	18,704
5	8,980						266	212	54	28,471	34	30	4	1,297	124	2,568				266	255	11	18,970
6	8,760						249	178	71	28,720	28	24	4	1,325	142	2,710				208	198	10	19,178
7	8,660	55.7	10.8	44.9	73	7.6	170	128	42	28,890	28	24	4	1,353	137	2,847				197	182	15	19,375
8	8,440	53.7	12.1	41.6	73	7.6	56	41	15	28,946	15	14	1	1,368	106	2,953				109	105	4	19,484
9	8,440	55.0	8.2	46.8	74	7.2	91	70	21	29,037	6	4	2	1,374	63	3,016				115	106	9	19,599
10	8,630	56.2	8.2	48.0	74	7.2	48	27	21	29,085	11	9	2	1,385	70	3,086				97	88	9	19,696
11	8,300						21	10	11	29,106	5	3	2	1,390	58	3,144				27	24	3	19,723
12	7,880						29	19	10	29,135	2	2	0	1,392	44	3,188				21	18	3	19,744
13	7,800						6	5	1	29,141	0	0	0	1,392	24	3,212				0	0	0	19,744
14	7,900	56.1	9.8	46.3	77	7.0	1	1	0	29,142	4	3	1	1,396	11	3,223				8	7	1	19,752
15	7,900	56.2	10.0	46.2	78	7.0	5	4	1	29,147	3	3	0	1,399	15	3,238				6	6	0	19,758
16	7,800	56.1	9.7	46.4	78	7.6	19	13	6	29,166	2	2	0	1,401	33	3,271				14	14	0	19,772
17	7,600	56.1	9.3	46.8	78	7.6	18	15	3	29,184	6	5	1	1,407	51	3,322				8	7	1	19,780
18	7,500	56.1	9.0	47.1	78	7.3	15	11	4	29,199	7	6	1	1,414	58	3,380				18	17	1	19,798
19	7,330						5	3	2	29,204	2	2	0	1,416	24	3,404				9	9	0	19,807
20	7,270						24	20	4	29,228	6	3	3	1,422	41	3,445				17	17	0	19,824
21	7,300	56.2	7.7	48.5	77	7.0	12	8	4	29,240	5	4	1	1,427	29	3,474				6	6	0	19,830
22	7,360	56.2	8.0	48.2	77	7.0	60	44	16	29,300	16	14	2	1,443	70	3,544				32	32	0	19,862
23	7,480	56.1	8.7	47.4	77	7.2	34	23	11	29,334	5	1	4	1,448	54	3,598				34	34	0	19,896
24	7,820	56.1	9.4	46.7	76	7.2	52	28	24	29,386	14	14	0	1,462	47	3,645				58	55	3	19,954
25	7,970	56.1	9.3	46.8	76	7.2	77	49	28	29,463	21	15	6	1,483	76	3,721				116	111	5	20,070
26	7,700						82	49	33	29,545	12	10	2	1,495	77	3,798				112	106	6	20,182
27	7,540						72	53	19	29,617	12	11	1	1,507	142	3,940				265	265	0	20,447
28	7,450	56.0	8.1	47.9	71	7.5	54	38	16	29,671	10	9	1	1,517	122	4,062				158	150	8	20,605
29	7,270	56.0	8.5	47.5	71	7.5	99	58	41	29,770	14	7	7	1,531	229	4,291				192	186	6	20,797
30	7,200	56.0	7.8	48.2	72	7.3	65	43	22	29,835	6	2	4	1,537	218	4,509				139	131	8	20,936
31	7,330	56.1	8.0	48.1	72	7.3	58	35	23	29,893	8	4	4	1,545	190	4,699				122	115	7	21,058

Cumulative Adult Spring Chinook Mark Rate: 78.9%

**WILLAMETTE FALLS FISHWAY COUNTS**

Month August

Year 2014

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.	Daily		Cum.			
							Total	Clipped	Unclip	29,893	Total	Clipped	Unclip	1,545	142	4,699	Total	Clipped	Unclip		Total	Clipped	Unclip
1	7,360	56.1	8.1	48.0	72	7.4	36	21	15	29,929	9	8	1	1,554	142	4,841				78	71	7	21,136
2	7,780						22	6	16	29,951	6	3	3	1,560	109	4,950				21	20	1	21,157
3	7,780						18	6	12	29,969	4	2	2	1,564	72	5,022				15	14	1	21,172
4	7,820	56.1	8.4	47.7	78	8.3	2	1	1	29,971	2	0	2	1,566	33	5,055				3	2	1	21,175
5	7,820	56.1	13.8	42.3	78	8.6	0	0	0	29,971	0	0	0	1,566	12	5,067				1	1	0	21,176
6	7,850	56.1	13.7	42.4	78	8.8	0	0	0	29,971	1	0	1	1,567	9	5,076				0	0	0	21,176
7	7,900						0	0	0	29,971	0	0	0	1,567	12	5,088				0	0	0	21,176
8	7,800	56.2	13.8	42.4	78	8.8	3	1	2	29,974	1	0	1	1,568	17	5,105				3	1	2	21,179
9	7,850						5	1	4	29,979	5	2	3	1,573	70	5,175				6	6	0	21,185
10	7,850						9	3	6	29,988	7	6	1	1,580	77	5,252				14	12	2	21,199
11	7,880	56.1	8.2	47.9	75	7.8	12	6	6	30,000	1	1	0	1,581	82	5,334				16	14	2	21,215
12	7,750	56.1	8.2	47.9	75	7.8	10	5	5	30,010	3	2	1	1,584	102	5,436				23	21	2	21,238
13	7,850	56.1	8.1	48.0	73	8.2	12	5	7	30,022	3	3	0	1,587	78	5,514				8	8	0	21,246
14	8,000	56.1	8.1	48.0	73	8.2	29	5	24	30,051	6	2	4	1,593	100	5,614				31	24	7	21,277
15	8,000	56.1	8.8	47.3	73	8.3	20	4	16	30,071	5	2	3	1,598	64	5,678				22	20	2	21,299
16	8,130						11	0	11	11	2	2	0	2	50	5,728				16	11	5	21,315
17	8,100						10	4	6	21	4	2	2	6	30	5,758				6	5	1	21,321
18	7,970	56.1	8.1	48.0	73	8.5	27	7	20	48	2	1	1	8	84	5,842				23	22	1	21,344
19	7,880	56.1	8.2	47.9	73	8.5	19	1	18	67	0	0	0	8	58	5,900				30	26	4	21,374
20	7,820	56.3	8.1	48.2	73	8.3	4	1	3	71	4	0	4	12	76	5,976				18	17	1	21,392
21	7,780	56.2	8.1	48.1	73	8.3	10	1	9	81	3	1	2	15	42	6,018				29	28	1	21,421
22	7,720						4	2	2	85	1	1	0	16	15	6,033				11	9	2	21,432
23	7,750						7	2	5	92	1	0	1	17	6	6,039				12	10	2	21,444
24	7,690						6	2	4	98	0	0	0	17	12	6,051				5	4	1	21,449
25	7,750	56.2	8.3	47.9	73	8.8	11	1	10	109	1	0	1	18	33	6,084				9	8	1	21,458
26	7,720	56.2	8.3	47.9	73	8.8	34	3	31	143	3	0	3	21	46	6,130				23	22	1	21,481
27	7,690	56.2	8.3	47.9	73	8.8	8	1	7	151	5	0	5	26	25	6,155				9	9	0	21,490
28	7,690	56.2	7.9	48.3	74	9.2	21	3	18	172	2	0	2	28	20	6,175				8	5	3	21,498
29	7,880	56.2	8.0	48.2	74	9.2	23	1	22	195	1	0	1	29	41	6,216				22	20	2	21,520
30	7,660						7	2	5	202	1	0	1	30	9	6,225				8	8	0	21,528
31	7,720						6		6	208	1	1	0	31	11	6,236				19	15	4	21,547

Cumulative Adult Spring Chinook Mark Rate: **78.70%**



**WILLAMETTE FALLS FISHWAY COUNTS**

Month September

Year 2014

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	208	Total	Clipped	Unclip	31	Daily	Cum.	Daily	Cum.	Daily	Cum.	Daily	Cum.	Total	Clipped
1	7,850						10	1	9	218	0	0	0	31	10	6,246	1	5	1	6	27	21	6	21,574
2	8,000	56.2	7.9	48.3	73	8.8	28	2	26	246	4	0	4	35	18	6,264	2	7	2	8	44	41	3	21,618
3	8,130	56.2	7.9	48.3	73	8.8	13	4	9	259	5	0	5	40	9	6,273	3	10	3	11	39	36	3	21,657
4	8,280	56.2	9.0	47.2	70	8.5	35	4	31	294	6	0	6	46	13	6,286	3	13	8	19	43	37	6	21,700
5	8,160	56.2	9.1	47.1	70	8.5	16	3	13	310	7	2	5	53	17	6,303	4	17	6	25	59	50	9	21,759
6	8,100						18	3	15	328	8	2	6	61	23	6,326	6	23	11	36	40	36	4	21,799
7	8,160						23	2	21	351	11	2	9	72	18	6,344	8	31	17	53	32	28	4	21,831
8	8,470	56.3	9.3	47.0	69	8.5	22	2	20	373	9	2	7	81	11	6,355	10	41	21	74	25	22	3	21,856
9	8,600	56.1	9.1	47.0	69	8.5	13	1	12	386	1	0	1	82	9	6,364	14	55	33	107	33	28	5	21,889
10	8,380	54.8	10.3	44.5	69	8.6	30	2	28	416	5	1	4	87	6	6,370	11	66	47	154	23	21	2	21,912
11	8,130	54.2	9.1	45.1	68	8.3	35	0	35	451	17	1	16	104	18	6,388	25	91	20	174	27	24	3	21,939
12	8,350						53	3	50	504	22	3	19	126	39	6,427	13	104	61	235	27	6	21	21,966
13	8,100						91	11	80	595	42	2	40	168	51	6,478	27	131	29	264	28	24	4	21,994
14	8,510						78	4	74	673	40	1	39	208	68	6,546	47	178	55	319	30	25	5	22,024
15	8,440	56.2	9.2	47.0	67	9.3	51	10	41	724	40	2	38	248	37	6,583	106	284	103	422	26	24	2	22,050
16	8,380	56.2	9.2	47.0	67	9.3	92	4	88	816	44	7	37	292	38	6,621	99	383	95	517	22	14	8	22,072
17	8,380	56.2	9.2	47.0	67	8.8	76	1	75	892	24	3	21	316	10	6,631	141	524	128	645	16	11	5	22,088
18	8,410	56.2	9.2	47.0	67	8.8	46	3	43	938	23	0	23	339	15	6,646	93	617	108	753	26	21	5	22,114
19	8,440	56.2	9.2	47.0	66	9.2	23	1	22	961	15	0	15	354	0	6,646	91	708	96	849	26	22	4	22,140
20	8,510						57	4	53	1,018	14	0	14	368	4	6,650	180	888	126	975	29	22	7	22,169
21	8,440						49	3	46	1,067	14	0	14	382	8	6,658	145	1,033	107	1,082	23	21	2	22,192
22	8,540	56.3	9.2	47.1	68	9.2	45	3	42	1,112	15	0	15	397	0	6,658	517	1,550	202	1,284	29	24	5	22,221
23	8,570	56.3	9.3	47.0	68	9.3	24	0	24	1,136	6	0	6	403	0	6,658	554	2,104	134	1,418	21	18	3	22,242
24	8,960	56.3	9.7	46.6	68	9.3	45	2	43	1,181	4	0	4	407	82	6,740	409	2,513	17	1,435	42	34	8	22,284
25	9,380						24	0	24	1,205	13	2	11	420	100	6,840	703	3,216	32	1,467	47	38	9	22,331
26	9,610	56.2	10.1	46.1	67	8.8	1	0	1	1,206	2	0	2	422	0	6,840	767	3,983	163	1,630	54	52	2	22,385
27	9,280						0	0	0	1,206	0	0	0	422	0	6,840	1185	5,168	190	1,820	67	63	4	22,452
28	9,050						22	2	20	1,228	7	0	7	429	0	6,840	687	5,855	128	1,948	33	29	4	22,485
29	9,020	56.2	9.8	46.4	63	9.0	46	6	40	1,274	21	2	19	450	0	6,840	769	6,624	135	2,083	70	64	6	22,555
30	9,220	56.2	9.7	46.5	63	9.0	35	1	34	1,309	11	0	11	461	0	6,840	641	7,265	136	2,219	50	41	9	22,605

**WILLAMETTE FALLS FISHWAY COUNTS**

Month October

Year 2014

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	9,610	56.2	9.7	46.5	63	8.3	30	1	29	1,339	9	0	9	470	118	6,958	793	8,058	118	2,337	31	29	2	22,636
2	9,880	56.2	10.0	46.2	63	8.8	22	1	21	1,361	7	0	7	477	125	7,083	838	8,896	125	2,462	11	8	3	22,647
3	10,400	56.2	10.2	46.0	62	9.0	8	0	8	1,369	2	0	2	479	77	7,160	759	9,655	77	2,539	30	28	2	22,677
4	10,800						0	0	0	1,369	0	0	0	479	37	7,197	673	10,328	37	2,576	9	6	3	22,686
5	11,000						6	0	6	1,375	0	0	0	479	67	7,264	451	10,779	67	2,643	6	5	1	22,692
6	11,300	56.2	10.8	45.4	61	9.3	4	0	4	1,379	0	0	0	479	102	7,366	973	11,752	102	2,745	7	5	2	22,699
7	11,500	56.2	11.2	45.0	61	8.0	0	0	0	1,379	0	0	0	479	82	7,448	906	12,658	82	2,827	8	2	6	22,707
8	11,600	56.2	11.5	44.7	61	6.8	3	0	3	1,382	0	0	0	479	26	7,474	464	13,122	26	2,853	4	1	3	22,711
9	11,500	56.2	11.2	45.0	61	6.8	0	0	0	1,382	0	0	0	479	56	7,530	495	13,617	56	2,909	9	8	1	22,720
10	11,300	56.2	10.7	45.5	62	7.1	1	0	1	1,383	0	0	0	479	21	7,551	351	13,968	21	2,930	5	1	4	22,725
11	11,500						0	0	0	1,383	0	0	0	479	35	7,586	320	14,288	35	2,965	1	1	0	22,726
12	11,500						0	0	0	1,383	0	0	0	479	27	7,613	274	14,562	27	2,992	9	5	4	22,735
13	11,500	56.2	11.5	44.7	61	6.5	0	0	0	1,383	0	0	0	479	39	7,652	249	14,811	39	3,031	16	15	1	22,751
14	11,600	56.2	11.4	44.8	61	6.5	0	0	0	1,383	0	0	0	479	16	7,668	272	15,083	16	3,047	9	8	1	22,760
15	12,100	56.2	11.9	44.3	60	6.6	0	0	0	1,383	0	0	0	479	21	7,689	158	15,241	21	3,068	3	3	0	22,763
16	12,500	56.2	13.5	42.7	60	6.8	0	0	0	1,383	0	0	0	479	39	7,728	325	15,566	39	3,107	36	35	1	22,799
17	12,200	56.1	13.2	42.9	60	6.8	0	0	0	1,383	0	0	0	479	16	7,744	218	15,784	16	3,123	4	1	3	22,803
18	12,200						0	0	0	1,383	0	0	0	479	27	7,771	193	15,977	27	3,150	16	12	4	22,819
19	12,000						0	0	0	1,383	0	0	0	479	31	7,802	209	16,186	31	3,181	36	31	5	22,855
20	12,000	56.2	12.7	43.5	60	6.0	0	0	0	1,383	0	0	0	479	10	7,812	148	16,334	10	3,191	2	2	0	22,857
21	12,100	56.2	12.7	43.5	60	6.0	0	0	0	1,383	0	0	0	479	11	7,823	186	16,520	11	3,202	2	1	1	22,859
22	12,800	56.2	12.9	43.3	60	6.0	0	0	0	1,383	0	0	0	479	14	7,837	122	16,642	14	3,216	7	4	3	22,866
23	15,000						0	0	0	1,383	0	0	0	479	29	7,866	168	16,810	29	3,245	29	25	4	22,895
24	18,700	56.9	16.3	40.6	58	3.3	0	0	0	1,383	0	0	0	479	16	7,882	133	16,943	16	3,261	5	5	0	22,900
25	16,600						0	0	0	1,383	0	0	0	479	5	7,887	80	17,023	5	3,266	6	4	2	22,906
26	15,100						0	0	0	1,383	0	0	0	479	9	7,896	118	17,141	9	3,275	8	8	0	22,914
27	17,300	56.5	16.0	40.5	56	3.6	0	0	0	1,383	0	0	0	479	10	7,906	126	17,267	10	3,285	12	11	1	22,926
28	18,200						0	0	0	1,383	0	0	0	479	10	7,916	84	17,351	10	3,295	2	2	0	22,928
29	16,800	56.5	15.9	40.6	55	4.0	0	0	0	1,383	0	0	0	479	16	7,932	55	17,406	16	3,311	4	1	3	22,932
30	21,100	56.7	16.0	40.7	55	4.0	0	0	0	1,383	0	0	0	479	4	7,936	61	17,467	4	3,315	7	3	4	22,939
31	22,500	57.0	16.2	40.8	55	3.6	0	0	0	1,383	0	0	0	479	21	7,957	94	17,561	21	3,336	2	2	0	22,941

**WILLAMETTE FALLS FISHWAY COUNTS**

Month November

Year 2014

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		
1	26,900														104	17,561	11	3,336	0	0	0	0	
2	25,900														66	17,731	1	3,348	0	0	0	0	
3	21,500	56.8	16.3	40.5	55	3.5									33	17,764	-1	3,347	1	1	0	1	
4	20,700	57.1	15.9	41.2	55	3.6									37	17,801	4	3,351	4	2	2	5	
5	22,100	57.2	16.1	41.1	54	3.6									28	17,829	7	3,358	2	0	2	7	
6	21,000	57.1	16.5	40.6	54	3.6									13	17,842	2	3,360	3	0	3	10	
7	18,700														15	17,857	3	3,363	1	0	1	11	
8	18,100														5	17,862	3	3,366	10	3	7	21	
9	17,100														23	17,885	1	3,367	1	0	1	22	
10	16,600	56.9	13.1	43.8	53	4.5									11	17,896	-1	3,366	0	0	0	22	
11	16,100														3	17,899	1	3,367	4	0	4	26	
12	15,500	56.7	12.6	44.1	49	4.8									3	17,902	0	3,367	-1	-2	1	25	
13	15,100	56.5	12.3	44.2	48	4.6									2	17,904	0	3,367	5	0	5	30	
14	19,800	56.8	12.3	44.5	47	5.0									4	17,908	-1	3,366	2	2	0	32	
15	35,500														-1	17,907	0	3,366	0	0	0	32	
16	35,600														0	17,907	-2	3,364	-2	-1	-1	30	
17	27,200														1	17,908	-1	3,363	0	0	0	30	
18	24,000	57.0	16.7	40.3	42	1.8									1	17,909	0	3,363	0	0	0	30	
19	24,900	57.0	16.0	41.0	42	2.0									2	17,911	0	3,363	2	0	2	32	
20	27,000	57.1	16.5	40.6	41	2.0									1	17,912	0	3,363	2	0	2	34	
21	28,700	57.1	17.0	40.1	41	1.8									5	17,917	0	3,363	4	0	4	38	
22	31,000	57.1	17.3	39.8	45	<1.0									9	17,926	0	3,363	8	0	8	46	
23	44,900														22	17,948	8	3,371	1	0	1	47	
24	45,600														24	17,972	-3	3,368	1	0	1	48	
25	41,000	57.8	20.5	37.3	48	1.0									20	17,992	4	3,372	4	0	4	52	
26	40,100	57.5	20.2	37.3	48	1.3									19	18,011	2	3,374	4	0	4	56	
27	38,300														14	18,025	1	3,375	3	0	3	59	
28	39,500														8	18,033	0	3,375	4	0	4	63	
29	50,700														14	18,047	0	3,375	8	1	7	71	
30	62,900														-1	18,046	2	3,377	0	0	0	71	

**WILLAMETTE FALLS FISHWAY COUNTS**

Month December

Year 2014

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	59,800	58.9	23.7	35.2	47	1.0											-1	18,046	0	3,377	1	0	1	71
2	51,400	58.7	23.2	35.5	46	1.0											0	18,045	0	3,377	3	0	3	72
3	50,900	58.0	21.6	36.4	43	1.3											0	18,045	0	3,377	2	0	2	75
4	49,700	58.1	21.4	36.7	43	1.3											0	18,045	0	3,377	1	0	1	77
5	52,000	58.1	21.3	36.8	44	2.0											1	18,046	0	3,377	9	0	9	78
6	53,700																0	18,046	0	3,377	1	0	1	87
7	53,300																2	18,048	0	3,377	11	0	11	88
8	48,200	58.2	22.2	36.0	48	1.7											2	18,050	0	3,377	8	0	8	99
9	42,300	57.7	20.8	36.9	48	1.7											2	18,052	0	3,377	16	0	16	107
10	37,800	57.3	20.1	37.2	48	1.4											3	18,055	1	3,378	31	0	31	123
11	40,100	57.6	20.3	37.3	48	<1.0											0	18,055	0	3,378	23	1	22	154
12	44,000	58.1	21.2	36.9	50	<1.0											0	18,055	0	3,378	3	0	3	177
13	38,100																4	18,059	0	3,378	9	0	9	180
14	33,000																1	18,060	0	3,378	23	0	23	189
15	29,800	57.1	18.8	38.3	48	1.5											0	18,060	0	3,378	8	0	8	212
16	27,400	57.0	17.5	39.5	48	1.5											0	18,060	0	3,378	3	0	3	220
17	23,800	56.8	16.5	40.3	46	1.8											0	18,060	0	3,378	7	0	7	223
18	21,000	56.3	15.6	40.7	46	1.8											1	18,061	1	3,379	4	0	4	230
19	20,500	56.1	15.0	41.1	47	2.0											0	18,061	0	3,379	3	0	3	234
20	25,500																0	18,061	0	3,379	1	0	1	237
21	58,300																0	18,061	0	3,379	7	0	7	238
22	87,900	60.1	27.6	32.5	50	<1.0											0	18,061	0	3,379	-1	0	-1	245
23	96,100	60.7	31.1	29.6	50	<1.0											0	18,061	0	3,379	0	0	0	244
24	97,500	60.9	31.5	29.4	50	<1.0											0	18,061	0	3,379	4	0	4	248
25	101,000																0	18,061	0	3,379	2	0	2	248
26	99,000																0	18,061	0	3,379	-1	0	-1	250
27	95,500																0	18,061	0	3,379	1	0	1	249
28	88,600																0	18,061	0	3,379	2	0	2	250
29	85,500	60.1	28.9	31.2	46	<1.0											0	18,061	0	3,379	1	0	1	252
30	83,200	59.8	28.1	31.7	45	<1.0											0	18,061	0	3,379	2	0	2	253
31	78,800	59.6	27.4	32.2	42	<1.0											0	18,061	0	3,379	1	0	1	255