

WILLAMETTE FALLS FISHWAY COUNTS

Month January Year 2013

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							
							Total	Clipped		Unclip	Total						Clipped	Unclip	Total	Clipped	Unclip			
1	32,700												0	6,571			18	0	18	480				
2	27,200	56.4	19.1	37.3	40	2.3							0	6,571			14	0	14	494				
3	24,400	55.9	18.2	37.7	40	2.4							0	6,571			2	0	2	496				
4	22,700	55.8	17.5	38.3	38	2.4							0	6,571			3	0	3	499				
5	21,400												0	6,571			5	0	5	504				
6	20,500												0	6,571			13	0	13	517				
7	20,000	55.2	16.7	38.5	40	2.8							0	6,571			19	1	18	536				
8	22,000	55.7	15.8	39.9	40	2.8							0	6,571			38	1	37	574				
9	26,400	56.6	16.3	40.3	40	3.0							0	6,571			56	2	54	630				
10	29,100	56.8	17.0	39.8	43	3.0							0	6,571			35	0	35	665				
11	30,300	56.8	17.6	39.2	42	3.0							0	6,571			20	0	20	685				
12	27,700												0	6,571			7	0	7	692				
13	24,900												0	6,571			0	0	0	692				
14	23,100	56.3	16.0	40.3	39	3.2							0	6,571			0	0	0	692				
15	21,300	55.7	15.8	39.9	38	3.2							0	6,571			3	0	3	695				
16	21,900	55.5	15.4	40.1	38	3.5							0	6,571			3	0	3	698				
17	19,400	55.2	15.3	39.9	38	3.8							0	6,571			2	0	2	700				
18	18,700												0	6,571			3	0	3	703				
19	19,100												0	6,571			8	0	8	711				
20	20,700												0	6,571			2	0	2	713				
21	21,000												0	6,571			2	0	2	715				
22	20,600	55.6	14.6	41.0	38	4.6							0	6,571			5	1	4	720				
23	20,000	55.4	14.6	40.8	38	4.7							0	6,571			0	0	0	720				
24	19,900												0	6,571			0	0	0	720				
25	20,900	55.5	14.4	41.1	39	4.8							0	6,571			0	0	0	720				
26	24,800												0	6,571			14	1	13	734				
27	31,100												1	6,572			14	2	12	748				
28	34,400	56.8	17.9	38.9	40	4.0							0	6,572			16	1	15	764				
29	37,100	56.8	18.7	38.1	40	2.5							0	6,572			25	0	25	789				
30	48,000	57.4	20.5	36.9	40	1.7							0	6,572			59	3	56	848				
31	47,200	57.6	22.0	35.6	42	1.5							0	6,572			44	3	41	892				

WILLAMETTE FALLS FISHWAY COUNTS

Month February

Year 2013

Date	Hydrological Data						Spring 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	42,100	57.4	21.5	35.9	43	1.5	0	0	0	0				0	6,572			37	3	34	929		
2	36,800						0	0	0	0				0	6,572			58	3	55	987		
3	33,100						0	0	0	0				0	6,572			27	2	25	1,014		
4	31,100	56.7	18.1	38.6	43	2.8	0	0	0	0				1	6,573			39	4	35	1,053		
5	28,200	56.7	17.3	39.4	43	3.0	0	0	0	0				0	6,573			25	3	22	1,078		
6	25,400						0	0	0	0				0	6,573			41	3	38	1,119		
7	24,700	56.5	16.1	40.4	45	3.5	0	0	0	0				0	6,573			36	6	30	1,155		
8	24,400	56.4	15.9	40.5	45	3.8	1	1	0	1				0	6,573			45	9	36	1,200		
9	23,400						0	0	0	1				0	6,573			13	2	11	1,213		
10	21,500						0	0	0	1				0	6,573			7	0	7	1,220		
11	19,300	55.7	14.8	40.9	43	3.8	0	0	0	1				0	6,573			10	1	9	1,230		
12	18,100	55.2	14.5	40.7	43	3.8	1	1	0	2				0	6,573			36	1	35	1,266		
13	17,600	55.0	14.2	40.8	44	4.0	0	0	0	2				0	6,573			12	1	11	1,278		
14	17,400	55.0	14.1	40.9	45	4.0	0	0	0	2				0	6,573			34	5	29	1,312		
15	16,800	54.7	15.1	39.6	45	4.4	0	0	0	2				0	6,573			10	0	10	1,322		
16	15,800						0	0	0	2				0	6,573			26	1	25	1,348		
17	16,000						0	0	0	2				0	6,573			55	10	45	1,403		
18	15,700						0	0	0	2				0	6,573			19	3	16	1,422		
19	15,100	54.5	14.8	39.7	43	5.2	0	0	0	2				0	6,573			14	2	12	1,436		
20	14,700	54.5	13.0	41.5	43	5.2	0	0	0	2				0	6,573			13	6	7	1,449		
21	14,400	54.2	13.5	40.7	43	5.6	0	0	0	2				0	6,573			9	2	7	1,458		
22	14,500	54.2	13.2	41.0	43	5.6	0	0	0	2				0	6,573			11	1	10	1,469		
23	16,600						0	0	0	2				0	6,573			14	10	4	1,483		
24	20,000						0	0	0	2				0	6,573			20	9	11	1,503		
25	19,400	55.6	15.1	40.5	43	2.0	0	0	0	2				0	6,573			24	6	18	1,527		
26	19,400	55.5	15.1	40.4	43	2.0	0	0	0	2				0	6,573			8	4	4	1,535		
27	19,200	55.5	15.1	40.4	44	2.0	0	0	0	2				0	6,573			44	9	35	1,579		
28	18,100	55.4	14.9	40.5	45	2.5	0	0	0	2				0	6,573			25	11	14	1,604		

WILLAMETTE FALLS FISHWAY COUNTS

Month March Year 2013

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	19,500	55.2	14.6	40.6	45	2.6	0	0	0	2							39	0	39	1,643	9	9	0	9
2	22,300						0	0	0	2							110	0	110	1,753	43	43	0	52
3	20,900						0	0	0	2							120	0	120	1,873	32	32	0	84
4	19,900	55.6	14.6	41.0	45	4.0	0	0	0	2							60	0	60	1,933	33	33	0	117
5	18,400	55.4	15.0	40.4	46	4.5	1	1	0	3							40	0	40	1,973	8	8	0	125
6	18,000	55.3	14.7	40.6	46	4.5	1	0	1	4							18	0	18	1,991	4	4	0	129
7	20,500	55.4	13.9	41.5	44	4.3	1	1	0	5							3	0	3	1,994	8	8	0	137
8	20,600	55.7	15.3	40.4	44	4.3	0	0	0	5							6	0	6	2,000	8	8	0	145
9	18,800						0	0	0	5							7	0	7	2,007	15	15	0	160
10	17,500						0	0	0	5							9	0	9	2,016	19	19	0	179
11	16,300	55.0	14.2	40.8	47	3.8	0	0	0	5							57	0	57	2,073	37	37	0	216
12	15,900	54.8	13.9	40.9	47	3.8	0	0	0	5							50	0	50	2,123	24	24	0	240
13	15,500	54.7	13.6	41.1	48	4.5	1	1	0	6							44	0	44	2,167	14	14	0	254
14	15,400	54.5	13.7	40.8	48	4.7	0	0	0	6							69	0	69	2,236	30	30	0	284
15	15,300						1	0	1	7							192	0	192	2,428	52	52	0	336
16	15,400						1	1	0	8							146	0	146	2,574	68	68	0	404
17	15,300						1	0	1	9							236	0	236	2,810	63	63	0	467
18	15,800	54.3	12.9	41.4	50	5.5	1	0	1	10							79	1	78	2,889	18	18	0	485
19	15,000	54.3	13.0	41.3	50	5.5	3	2	1	13							50	0	50	2,939	23	23	0	508
20	15,200	54.2	13.2	41.0	48	5.0	0	0	0	13							34	0	34	2,973	19	19	0	527
21	23,200	55.7	15.2	40.5	48	3.6	1	1	0	14							81	0	81	3,054	25	25	0	552
22	23,800	56.4	16.5	39.9	48	2.2	0	0	0	14							49	0	49	3,103	33	33	0	585
23	21,100						0	0	0	14							42	0	42	3,145	38	38	0	623
24	19,100						1	0	1	15							26	0	26	3,171	33	33	0	656
25	17,700	55.3	15.0	40.3	46	2.8	1	1	0	16							6	0	6	3,177	53	53	0	709
26	16,600	55.1	14.5	40.6	48	3.0	1	1	0	17							15	0	15	3,192	35	35	0	744
27	15,700	54.9	14.1	40.8	48	4.3	1	1	0	18							19	0	19	3,211	39	39	0	783
28	15,400						2	2	0	20							43	0	43	3,254	39	39	0	822
29	15,100						2	1	1	22							114	0	114	3,368	58	58	0	880
30	14,900						11	9	2	33							133	0	133	3,501	82	82	0	962
31	14,700						14	9	5	47							111	0	111	3,612	58	58	0	1,020

Cumulative Adult Spring Chinook Mark Rate: 70.2%

WILLAMETTE FALLS FISHWAY COUNTS

Month April Year 2013

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	14,700	54.3	13.8	40.5	56	5.3	42	35	7	89	0	0	0	0	0	0	186	0	186	3,798	72	72	0	1,092
2	15,100	54.3	13.4	40.9	56	5.4	21	19	2	110	0	0	0	0	0	0	78	0	78	3,876	44	44	0	1,136
3	16,200	54.3	13.4	40.9	58	6.0	76	61	15	186	0	0	0	0	0	0	75	0	75	3,951	72	72	0	1,208
4	16,100	54.3	13.7	40.6	58	6.0	128	93	35	314	1	1	0	1	0	0	53	0	53	4,004	53	53	0	1,261
5	16,900	54.3	13.2	41.1	56	5.5	83	60	23	397	0	0	0	1	0	0	69	0	69	4,073	64	64	0	1,325
6	21,500						74	53	21	471	1	1	0	2	0	0	61	0	61	4,134	63	63	0	1,388
7	27,300						20	14	6	491	0	0	0	2	0	0	57	0	57	4,191	72	72	0	1,460
8	34,700	56.9	14.7	42.2	50	3.6	10	9	1	501	0	0	0	2	0	0	20	0	20	4,211	17	17	0	1,477
9	34,900	56.9	14.2	42.7	50	3.5	1	1	0	502	0	0	0	2	0	0	25	0	25	4,236	25	25	0	1,502
10	30,900	56.8	14.2	42.6	49	2.4	4	1	3	506	0	0	0	2	0	0	10	0	10	4,246	25	25	0	1,527
11	28,500	56.7	13.7	43.0	49	2.9	4	4	0	510	0	0	0	2	0	0	26	0	26	4,272	62	62	0	1,589
12	26,200	56.4	13.8	42.6	49	3.6	7	2	5	517	0	0	0	2	0	0	10	0	10	4,282	48	48	0	1,637
13	22,300						4	4	0	521	0	0	0	2	0	0	8	0	8	4,290	34	34	0	1,671
14	20,200						15	13	2	536	0	0	0	2	0	0	10	0	10	4,300	35	35	0	1,706
15	19,400	55.4	13.3	42.1	50	5.5	15	11	4	551	0	0	0	2	0	0	8	0	8	4,308	31	31	0	1,737
16	18,300	55.2	12.8	42.4	50	5.5	24	17	7	575	0	0	0	2	0	0	10	0	10	4,318	33	33	0	1,770
17	17,900	54.5	12.5	42.0	50	5.8	48	39	9	623	3	2	1	5	0	0	14	0	14	4,332	87	87	0	1,857
18	19,200	54.4	12.4	42.0	51	6.0	77	60	17	700	1	1	0	6	0	0	16	0	16	4,348	62	62	0	1,919
19	18,600						102	79	23	802	0	0	0	6	0	0	4	0	4	4,352	32	32	0	1,951
20	19,700						297	223	74	1,099	9	8	1	15	0	0	32	0	32	4,384	103	103	0	2,054
21	21,800						338	265	73	1,437	16	15	1	31	0	0	17	0	17	4,401	92	92	0	2,146
22	21,200	55.6	13.3	42.3	53	5.8	457	353	104	1,894	29	24	5	60	0	0	27	0	27	4,428	84	84	0	2,230
23	19,900	55.4	13.2	42.2	54	6.0	223	176	47	2,117	4	4	0	64	0	0	15	1	14	4,443	74	74	0	2,304
24	18,500	55.2	13.1	42.1	54	6.0	495	386	109	2,612	18	15	3	82	0	0	22	0	22	4,465	80	80	0	2,384
25	16,900	54.9	13.2	41.7	55	6.2	991	786	205	3,603	37	26	11	119	0	0	29	0	29	4,494	118	118	0	2,502
26	16,300	54.6	13.0	41.6	57	6.5	1032	811	221	4,635	23	18	5	142	0	0	26	0	26	4,520	76	76	0	2,578
27	16,100						628	492	136	5,263	23	19	4	165	0	0	11	7	4	4,531	76	76	0	2,654
28	16,000						908	693	215	6,171	35	31	4	200	0	0	26	0	26	4,557	70	70	0	2,724
29	15,800	54.3	12.8	41.5	59	7.0	1034	789	245	7,205	49	43	6	249	0	0	25	0	25	4,582	93	93	0	2,817
30	15,800	54.4	12.4	42.0	60	7.0	501	409	92	7,706	26	22	4	275	1	1	19	0	19	4,601	75	75	0	2,892

Cumulative Adult Spring Chinook Mark Rate: 77.7%

WILLAMETTE FALLS FISHWAY COUNTS

Month May Year 2013

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	15,400	54.3	12.0	42.3	59	6.9	324	258	66	8,030	12	9	3	287	0	1	5	0	5	4,606	54	54	0	2,946
2	14,500	54.3	11.9	42.4	58	6.9	311	244	67	8,341	16	13	3	303	0	1	6	0	6	4,612	61	61	0	3,007
3	15,600	54.3	11.9	42.4	58	6.8	451	354	97	8,792	14	11	3	317	0	1	9	0	9	4,621	64	64	0	3,071
4	15,700						385	303	82	9,177	15	11	4	332	0	1	7	0	7	4,628	57	57	0	3,128
5	15,500						791	624	167	9,968	25	20	5	357	4	5	14	0	14	4,642	82	82	0	3,210
6	15,700	54.4	12.1	42.3	60	6.6	885	705	180	10,853	37	32	5	394	3	8	12	0	12	4,654	98	98	0	3,308
7	16,000	54.4	12.0	42.4	62	6.8	701	533	168	11,554	26	22	4	420	3	11	21	0	21	4,675	95	95	0	3,403
8	16,000	54.5	11.7	42.8	63	7.2	601	462	139	12,155	30	26	4	450	1	12	11	0	11	4,686	92	92	0	3,495
9	15,500	54.4	11.5	42.9	63	7.3	508	424	84	12,663	21	18	3	471	0	12	17	0	17	4,703	66	66	0	3,561
10	15,200	54.3	11.4	42.9	63	7.5	397	309	88	13,060	23	19	4	494	3	15	9	0	9	4,712	90	90	0	3,651
11	14,900						587	458	129	13,647	24	17	7	518	4	19	11	0	11	4,723	57	57	0	3,708
12	14,700						513	413	100	14,160	24	21	3	542	0	19	6	0	6	4,729	68	68	0	3,776
13	15,000	54.3	11.3	43.0	64	7.3	354	290	64	14,514	17	12	5	559	1	20	16	0	16	4,745	86	86	0	3,862
14	15,000	54.4	10.9	43.5	64	7.0	342	276	66	14,856	29	29	0	588	5	25	18	0	18	4,763	126	126	0	3,988
15	14,400	54.3	10.9	43.4	64	7.0	269	210	59	15,125	20	18	2	608	4	29	18	0	18	4,781	125	125	0	4,113
16	14,000	54.2	10.8	43.4	62	7.5	206	160	46	15,331	13	11	2	621	2	31	11	0	11	4,792	105	105	0	4,218
17	13,800	54.2	10.6	43.6	62	7.5	141	102	39	15,472	5	4	1	626	0	31	11	0	11	4,803	81	81	0	4,299
18	14,400						62	51	11	15,534	1	1	0	627	0	31	11	0	11	4,814	83	83	0	4,382
19	14,400						65	49	16	15,599	5	5	0	632	0	31	5	0	5	4,819	69	69	0	4,451
20	14,500	54.4	9.9	44.5	59	6.7	55	39	16	15,654	5	5	0	637	0	31	5	0	5	4,824	72	72	0	4,523
21	14,500	54.3	10.2	44.1	59	6.8	105	79	26	15,759	9	7	2	646	1	32	7	0	7	4,831	99	99	0	4,622
22	14,400	54.4	12.5	41.9	59	6.0	81	60	21	15,840	5	4	1	651	2	34	9	0	9	4,840	113	113	0	4,735
23	15,500	54.5	12.3	42.2	58	5.8	44	33	11	15,884	1	0	1	652	0	34	14	0	14	4,854	112	112	0	4,847
24	16,800						27	25	2	15,911	1	1	0	653	1	35	14	0	14	4,868	136	136	0	4,983
25	17,300						68	52	16	15,979	14	14	0	667	0	35	5	0	5	4,873	199	199	0	5,182
26	15,900						284	224	60	16,263	30	25	5	697	3	38	11	0	11	4,884	198	198	0	5,380
27	15,600						449	363	86	16,712	38	28	10	735	6	44	10	0	10	4,894	133	133	0	5,513
28	17,900	55.2	11.7	43.5	58	4.8	443	344	99	17,155	28	23	5	763	6	50	22	0	22	4,916	196	196	0	5,709
29	20,700	55.7	11.9	43.8	58	3.8	244	194	50	17,399	26	20	6	789	0	50	8	0	8	4,924	144	144	0	5,853
30	21,700	55.9	15.1	40.8	58	4.0	273	219	54	17,672	25	24	1	814	0	50	15	0	15	4,939	279	279	0	6,132
31	23,500	56.1	14.7	41.4	58	4.4	155	115	40	17,827	13	11	2	827	1	51	5	0	5	4,944	267	267	0	6,399

Cumulative Adult Spring Chinook Mark Rate: 77.9%

WILLAMETTE FALLS FISHWAY COUNTS

Month June Year 2013

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	20,600						184	149	35	18,011	23	19	4	850	8	59					306	286	20	6,705
2	17,200						245	184	61	18,256	28	22	6	878	0	59					239	230	9	6,944
3	15,400	55.0	14.0	41.0	60	5.2	308	239	69	18,564	27	22	5	905	12	71					239	221	18	7,183
4	14,200	54.6	13.4	41.2	60	6.0	345	249	96	18,909	25	25	0	930	8	79					179	177	2	7,362
5	13,200	54.4	12.9	41.5	62	6.6	466	351	115	19,375	30	26	4	960	5	84					281	277	4	7,643
6	12,500	54.2	12.5	41.7	64	6.4	539	406	133	19,914	42	35	7	1,002	25	109					284	261	23	7,927
7	11,900						514	353	161	20,428	39	30	9	1,041	25	134					253	232	21	8,180
8	11,400						451	321	130	20,879	35	24	11	1,076	27	161					193	186	7	8,373
9	11,100						414	301	113	21,293	22	17	5	1,098	28	189					202	194	8	8,575
10	10,800	53.9	11.5	42.4	69	6.3	330	253	77	21,623	17	14	3	1,115	37	226					177	174	3	8,752
11	10,400	53.8	11.1	42.7	69	6.4	325	246	79	21,948	19	16	3	1,134	58	284					158	149	9	8,910
12	10,500	53.8	10.8	43.0	68	6.4	211	159	52	22,159	17	15	2	1,151	80	364					141	130	11	9,051
13	11,200						226	165	61	22,385	16	12	4	1,167	75	439					120	109	11	9,171
14	11,400	53.9	10.3	43.6	65	6.3	270	203	67	22,655	23	17	6	1,190	74	513					159	148	11	9,330
15	11,400						269	198	71	22,924	22	18	4	1,212	96	609					165	157	8	9,495
16	11,100						252	178	74	23,176	18	14	4	1,230	137	746					184	170	14	9,679
17	10,500	53.7	10.2	43.5	63	5.8	324	240	84	23,500	32	26	6	1,262	145	891					194	180	14	9,873
18	10,000	53.6	10.2	43.4	64	5.8	391	282	109	23,891	18	14	4	1,280	129	1,020					194	191	3	10,067
19	10,000	53.6	10.2	43.4	66	6.5	270	185	85	24,161	10	9	1	1,290	150	1,170					194	189	5	10,261
20	10,400	53.7	10.0	43.7	66	6.5	285	198	87	24,446	11	9	2	1,301	255	1,425					184	171	13	10,445
21	10,500	53.8	9.8	44.0	68	6.2	230	150	80	24,676	12	9	3	1,313	224	1,649					162	148	14	10,607
22	10,300						168	121	47	24,844	11	8	3	1,324	171	1,820					132	125	7	10,739
23	10,100						189	129	60	25,033	18	13	5	1,342	244	2,064					168	154	14	10,907
24	10,200	53.7	10.0	43.7	65	6.4	151	98	53	25,184	7	7	0	1,349	217	2,281					121	112	9	11,028
25	10,400	53.8	9.9	43.9	65	6.4	120	78	42	25,304	3	1	2	1,352	124	2,405					142	133	9	11,170
26	10,800	53.9	9.6	44.3	67	6.5	150	103	47	25,454	4	1	3	1,356	160	2,565					140	129	11	11,310
27	11,500	54.0	9.4	44.6	68	6.6	119	76	43	25,573	9	8	1	1,365	182	2,747					118	107	11	11,428
28	11,000	54.0	9.2	44.8	68	6.3	108	70	38	25,681	6	4	2	1,371	207	2,954					118	110	8	11,546
29	10,200						108	71	37	25,789	7	4	3	1,378	273	3,227					143	132	11	11,689
30	9,860						119	72	47	25,908	16	12	4	1,394	319	3,546					122	112	10	11,811

Cumulative Adult Spring Chinook Mark Rate: 76.4%

WILLAMETTE FALLS FISHWAY COUNTS

Month July Year 2013

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	Cum.	Total	Clipped	Unclip	Total	Clipped	Unclip	Total			
1	9,560	53.8	9.4	44.4	70	7.0	138	97	41	26,048	14	11	3	1,408	264	3,810				88	81	7	11,899	
2	9,200	53.8	9.3	44.5	73	7.0	164	102	62	26,210	3	3	0	1,411	291	4,101					46	38	8	11,945
3	8,850	53.7	9.3	44.4	75	7.1	146	101	45	26,356	12	11	1	1,423	284	4,385					28	27	1	11,973
4	8,500						50	38	12	26,406	5	3	2	1,428	271	4,656					22	20	2	11,995
5	8,500	53.6	9.2	44.4	77	6.6	31	19	12	26,437	10	5	5	1,438	141	4,797					15	13	2	12,010
6	8,300			0.0			32	22	10	26,469	5	5	0	1,443	148	4,945					13	13	0	12,023
7	8,300	53.1	9.1	44.0	75	6.8	24	19	5	26,493	1	1	0	1,444	102	5,047					9	9	0	12,032
8	8,200						28	19	9	26,521	2	1	1	1,446	106	5,153					20	19	1	12,052
9	8,100	52.7	8.7	44.0	76	6.8	17	8	9	26,538	3	2	1	1,449	164	5,317					19	16	3	12,071
10	8,000	52.7	8.6	44.1	75	6.5	23	10	13	26,561	0	0	0	1,449	132	5,449					1	1	0	12,072
11	8,000	52.8	8.5	44.3	74	6.5	44	28	16	26,605	8	6	2	1,457	257	5,706					22	20	2	12,094
12	7,760						60	32	28	26,665	6	6	0	1,463	223	5,929					29	27	2	12,123
13	7,700						63	28	35	26,728	5	3	2	1,468	110	6,039					21	19	2	12,144
14	7,600						123	74	49	26,851	13	9	4	1,481	143	6,182					22	19	3	12,166
15	7,600	56.0	6.5	49.5	74	5.4	61	32	29	26,912	11	7	4	1,492	154	6,336					32	29	3	12,198
16	7,500	56.1	6.5	49.6	74	5.4	84	54	30	26,996	7	6	1	1,499	239	6,575					47	38	9	12,245
17	7,400	56.1	6.1	50.0	73	5.6	70	70	0	27,066	7	7	0	1,506	202	6,777					68	68	0	12,313
18	7,300	56.1	7.6	48.5	73	6.0	58	58	0	27,124	39	39	0	1,545	212	6,989					57	57	0	12,370
19	7,300	56.1	7.8	48.3	73	6.8	83	45	38	27,207	11	9	2	1,556	237	7,226					44	43	1	12,414
20	7,300						66	32	34	27,273	11	8	3	1,567	244	7,470					39	38	1	12,453
21	7,400						30	18	12	27,303	9	6	3	1,576	267	7,737					58	56	2	12,511
22	7,500						40	19	21	27,343	4	3	1	1,580	258	7,995					36	35	1	12,547
23	7,400	56.1	7.9	48.2	73	6.8	41	14	27	27,384	15	9	6	1,595	264	8,259					32	28	4	12,579
24	7,300	56.1	7.8	48.3	75	6.8	28	12	16	27,412	7	7	0	1,602	270	8,529					31	28	3	12,610
25	7,300	56.2	7.9	48.3	75	6.5	33	10	23	27,445	4	2	2	1,606	240	8,769					12	12	0	12,622
26	7,200	56.1	7.7	48.4	76	6.6	26	14	12	27,471	1	1	0	1,607	207	8,976					7	7	0	12,629
27	7,200						16	6	10	27,487	0	0	0	1,607	167	9,143					12	9	3	12,641
28	7,200	56.1	7.5	48.6	78	6.6	24	8	16	27,511	4	2	2	1,611	118	9,261					9	8	1	12,650
29	7,300	56.1	7.6	48.5	78	6.8	21	5	16	27,532	1	0	1	1,612	88	9,349					5	5	0	12,655
30	7,300						12	3	9	27,544	0	0	0	1,612	59	9,408					1	1	0	12,656
31	7,600						3	0	3	27,547	0	0	0	1,612	74	9,482					5	4	1	12,661

Cumulative Adult Spring Chinook Mark Rate: 75.0%

WILLAMETTE FALLS FISHWAY COUNTS

Month August Year 2013

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	7,600						7	4	3	27,554	2	2	0	1,614	142	9,624					3	3	0	12,661
2	7,700						5	1	4	27,559	0	0	0	1,614	189	9,813					15	13	2	12,679
3	7,800						12	4	8	27,571	0	0	0	1,614	136	9,949					9	8	1	12,688
4	7,900						19	7	12	27,590	7	4	3	1,621	186	10,135					27	21	6	12,715
5	7,800						39	8	31	27,629	1	1	0	1,622	317	10,452					27	23	4	12,742
6	7,700	56.0	7.5	48.5	71	7.3	31	9	22	27,660	9	4	5	1,631	488	10,940					47	41	6	12,789
7	7,600	56.0	7.6	48.4	72	7.3	42	12	30	27,702	1	1	0	1,632	490	11,430					36	32	4	12,825
8	7,550	56.0	7.5	48.5	73	7.3	35	8	27	27,737	3	2	1	1,635	371	11,801					19	17	2	12,844
9	7,600	56.1	7.6	48.5	73	7.5	43	8	35	27,780	3	3	0	1,638	302	12,103					17	16	1	12,861
10	7,700						35	5	30	27,815	4	1	3	1,642	185	12,288					5	4	1	12,866
11	7,800						19		19	27,834	11	7	4	1,653	122	12,410					4	3	1	12,870
12	7,800	56.1	7.8	48.3	74	8.0	12	1	11	27,846	3	3	0	1,656	14	12,424					6	6	0	12,876
13	7,800	54.5	9.6	44.9	74	8.0	10	1	9	27,856	2	1	1	1,658	65	12,489					20	18	2	12,896
14	7,800	52.7	10.7	42.0	73	8.0	15	2	13	27,871	2	2	0	1,660	124	12,613					16	14	2	12,912
15	7,760	54.4	7.3	47.1	73	8.0	26	3	23	27,897	4	3	1	1,664	135	12,748					5	3	2	12,917
16	7,800	55.6	7.4	48.2	72	8.0	30	3	27	30	5	3	2	5	173	12,921					7	7	0	12,924
17	7,800						17	2	15	47	5	3	2	10	68	12,989					9	9	0	12,933
18	7,760						22	0	22	69	16	10	6	26	79	13,068					10	8	2	12,943
19	7,800	56.1	7.8	48.3	72	8.2	15	2	13	84	16	8	8	42	81	13,149					13	13	0	12,956
20	7,700	56.0	8.0	48.0	72	8.2	24	2	22	108	7	1	6	49	114	13,263					5	5	0	12,961
21	7,600	55.8	7.6	48.2	72	8.2	9	2	7	117	4	2	2	53	79	13,342					8	5	3	12,969
22	7,600	56.1	7.8	48.3	73	8.3	3	1	2	120	2	0	2	55	81	13,423					10	9	1	12,979
23	7,600						17	0	17	137	2	0	2	57	32	13,455					8	2	6	12,987
24	7,700						22	0	22	159	1	0	1	58	25	13,480					6	4	2	12,993
25	7,900						18	1	17	177	9	2	7	67	29	13,509					13	10	3	13,006
26	8,200	56.1	9.5	46.6	72	7.8	23	2	21	200	2	1	1	69	27	13,536					14	9	5	13,020
27	8,300	56.0	7.8	48.2	72	7.9	39	1	38	239	8	2	6	77	27	13,563					20	16	4	13,040
28	8,600	56.0	7.9	48.1	70	8.5	32	1	31	271	5	5	0	82	35	13,598					18	15	3	13,058
29	8,600	54.4	10.2	44.2	70	8.5	32	5	27	303	12	4	8	94	21	13,619					9	8	1	13,067
30	8,600	52.6	11.5	41.1	69	8.4	35	0	35	338	18	4	14	112	53	13,672					8	5	3	13,075
31	8,500						38	0	38	376	11	3	8	123	49	13,721					5	5	0	13,080

WILLAMETTE FALLS FISHWAY COUNTS

Month September

Year 2013

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.	Daily	Cum.	Total	Clipped	Unclip	Total	Clipped	Unclip		
1	8,600						40	5	35	416	4	0	4	127	18	13,739	16	201	10	116	10	9	1	13,090
2	8,800						18	5	13	434	5	1	4	132	11	13,750	2	203	4	120	6	4	2	13,096
3	8,900	56.0	8.9	47.1	72	7.5	25	0	25	459	2	1	1	134	16	13,766	6	209	15	135	1	0	1	13,097
4	9,100	56.0	8.0	48.0	72	7.5	21	0	21	480	2	0	2	136	6	13,772	7	216	16	151	10	5	5	13,107
5	9,200	56.1	8.8	47.3	72	8.5	11	0	11	491	1	0	1	137	2	13,774	6	222	12	163	5	4	1	13,112
6	11,900	56.1	10.1	46.0	72	8.3	14	3	11	505	0	0	0	137	4	13,778	4	226	28	191	14	11	3	13,126
7	12,000						27	1	26	532	2	0	2	139	2	13,780	16	242	44	235	44	29	15	13,170
8	11,000						40	1	39	572	7	1	6	146	5	13,785	24	266	30	265	26	20	6	13,196
9	10,600	56.0	9.8	46.2	68	6.6	81	9	72	653	21	2	19	167	17	13,802	271	537	127	392	43	28	15	13,239
10	10,500	56.0	9.7	46.3	67	6.8	121	17	104	774	40		40	207	23	13,825	582	1,119	233	625	24	21	3	13,263
11	10,600	56.0	9.6	46.4	67	7.2	112	14	98	886	30	3	27	237	13	13,838	761	1,880	282	907	28	18	10	13,291
12	10,400	56.0	9.6	46.4	68	7.2	118	14	104	1,004	36	1	35	273	2	13,840	576	2,456	221	1,128	16	13	3	13,307
13	10,300	56.0	9.6	46.4	70	7.5	49	0	49	1,053	11	0	11	284	6	13,846	283	2,739	136	1,264	9	4	5	13,316
14	10,400						12	0	12	1,065	2	0	2	286	0	13,846	144	2,883	70	1,334	3	2	1	13,319
15	10,400						7	0	7	1,072	2	0	2	288	4	13,850	98	2,981	47	1,381	1	0	1	13,320
16	10,400	56.0	9.6	46.4	68	7.7	10	1	9	1,082	3	0	3	291	1	13,851	105	3,086	43	1,424	5	4	1	13,325
17	10,400	56.0	9.6	46.4	68	7.7	11	0	11	1,093	2	0	2	293	2	13,853	173	3,259	53	1,477	8	5	3	13,333
18	10,800	56.0	9.6	46.4	66	7.6	16	0	16	1,109	4	0	4	297	0	13,853	233	3,492	70	1,547	0	0	0	13,333
19	10,000	55.9	10.0	45.9	66	7.8	17	0	17	1,126	4	0	4	301	0	13,853	421	3,913	65	1,612	3	1	2	13,336
20	9,560	55.9	8.9	47.0	64	7.8	42	0	42	1,168	7	0	7	308	0	13,853	1106	5,019	283	1,895	3	3	0	13,339
21	9,400						77	1	76	1,245	10	0	10	318	1	13,854	1320	6,339	220	2,115	7	7	0	13,346
22	9,800						55	0	55	1,300	18	1	17	336	3	13,857	902	7,241	165	2,280	6	1	5	13,352
23	10,000	55.9	9.1	46.8	63	7.0	46	1	45	1,346	14	0	14	350	14	13,871	801	8,042	95	2,375	3	3	0	13,355
24	10,600	55.9	10.1	45.8	62	6.8	37	3	34	1,383	10	1	9	360	0	13,871	561	8,603	115	2,490	8	4	4	13,363
25	11,500	55.9	10.4	45.5	60	6.6	45	4	41	1,428	13	1	12	373	0	13,871	712	9,315	99	2,589	8	5	3	13,371
26	13,500	55.8	11.8	44.0	60	6.6	24	4	20	1,452	9	0	9	382	0	13,871	678	9,993	96	2,685	8	5	3	13,379
27	12,600	55.8	12.5	43.3	59	6.6	12	0	12	1,464	5	0	5	387	1	13,872	849	10,842	115	2,800	7	5	2	13,386
28	14,200						17	0	17	1,481	8	0	8	395	0	13,872	942	11,784	115	2,915	9	5	4	13,395
29	18,900						12	0	12	1,493	1	0	1	396	0	13,872	763	12,547	61	2,976	10	9	1	13,405
30	31,400	57.1	18.1	39.0	58	1.9	10	0	10	1,503	4	0	4	400	0	13,872	480	13,027	40	3,016	10	6	4	13,415

WILLAMETTE FALLS FISHWAY COUNTS

Month October

Year 2013

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	Unclip				
1	40,800	57.8	20.9	36.9	58	<1.0	2	0	2	1,503	0	0	0	400	49	13,076	2	3,018	2	1	1	13,417
2	34,200	57.5	20.8	36.7	55	<1.0	7	0	7	1,512	0	0	0	400	291	13,367	44	3,062	11	7	4	13,428
3	29,000	56.9	19.2	37.7	54	1.3	8	0	8	1,520	2	0	2	402	677	14,044	95	3,157	13	9	4	13,441
4	25,300	56.8	17.3	39.5	53	2.3	12	0	12	1,532	3	0	3	405	455	14,499	67	3,224	4	3	1	13,445
5	23,700						21	0	21	1,553	0	0	0	405	349	14,848	49	3,273	2	2	0	13,447
6	22,000						10	0	10	1,563	2	1	1	407	643	15,491	98	3,371	13	6	7	13,460
7	20,800	55.8	14.9	40.9	53	3.4	5	0	5	1,568	0	0	0	407	408	15,899	97	3,468	5	4	1	13,465
8	19,400	55.6	14.7	40.9	53	3.5	4	0	4	1,572	0	0	0	407	414	16,313	119	3,587	13	2	11	13,478
9	18,400	55.4	14.2	41.2	55	4.4	5	0	5	1,577	0	0	0	407	258	16,571	73	3,660	4	0	4	13,482
10	18,400	55.3	14.2	41.1	55	4.6	2	0	2	1,579	0	0	0	407	249	16,820	61	3,721	9	2	7	13,491
11	17,500	55.1	13.8	41.3	55	4.8	2	0	2	1,581	0	0	0	407	192	17,012	41	3,762	4	3	1	13,495
12	16,700						0	0	0	1,581	0	0	0	407	116	17,128	44	3,806	3	1	2	13,498
13	16,100						1	0	1	1,582	0	0	0	407	93	17,221	39	3,845	3	1	2	13,501
14	16,100	54.6	13.0	41.6	54	5.2	0	0	0	1,582	0	0	0	407	125	17,346	26	3,871	3	1	2	13,504
15	16,000	54.6	13.0	41.6	54	5.4	0	0	0	1,582	0	0	0	407	69	17,415	16	3,887	1	0	1	13,505
16	16,000	54.6	13.0	41.6	53	5.3	1	0	1	1,583	0	0	0	407	88	17,503	20	3,907	2	0	2	13,507
17	15,500	54.5	12.9	41.6	53	5.3	0	0	0	1,583	0	0	0	407	102	17,605	15	3,922	6	0	6	13,513
18	15,200	54.4	12.7	41.7	52	5.5	0	0	0	1,583	0	0	0	407	52	17,657	17	3,939	1	0	1	13,514
19	15,000						1	0	1	1,584	0	0	0	407	54	17,711	14	3,953	2	0	2	13,516
20	15,100						0	0	0	1,584	0	0	0	407	52	17,763	8	3,961	0	0	0	13,516
21	15,100	54.4	12.6	41.8	53	5.3	4	0	4	1,588	2	0	2	409	58	17,821	10	3,971	4	0	4	13,520
22	15,000	54.4	12.6	41.8	53	5.4	1	0	1	1,589	0	0	0	409	47	17,868	11	3,982	3	0	3	13,523
23	15,000	54.4	12.7	41.7	53	5.5	0	0	0	1,589	0	0	0	409	34	17,902	5	3,987	2	0	2	13,525
24	14,700	54.4	12.6	41.8	53	5.3	0	0	0	1,589	0	0	0	409	56	17,958	14	4,001	6	0	6	13,531
25	14,700						1	0	1	1,590	0	0	0	409	45	18,003	14	4,015	3	0	3	13,534
26	14,700						0	0	0	1,590	0	0	0	409	47	18,050	8	4,023	2	0	2	13,536
27	15,500						0	0	0	1,590	0	0	0	409	23	18,073	6	4,029	6	0	6	13,542
28	14,700	54.2	12.4	41.8	52	5.3	0	0	0	1,590	0	0	0	409	30	18,103	5	4,034	1	1	0	13,543
29	15,500	54.3	12.4	41.9	52	5.3	0	0	0	1,590	0	0	0	409	34	18,137	4	4,038	3	2	1	13,546
30	16,300	54.4	12.6	41.8	51	5.4	0	0	0	1,590	0	0	0	409	11	18,148	2	4,040	1	1	0	13,547
31	14,800	53.7	14.0	39.7	51	5.4	0	0	0	1,590	0	0	0	409	19	18,167	2	4,042	2	0	2	13,549

WILLAMETTE FALLS FISHWAY COUNTS

Month November

Year 2013

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	Daily	Cum.	Daily	Cum.	Total	Clipped	Unclip					
1	14,900	53.2	14.0	39.2	52	5.4	0	0	0	1,590								18,167		4,042				0	
2	15,800						0	0	0	1,590								24	18,191	8	4,050	5	1	4	5
3	16,600						0	0	0	1,590								22	18,213	2	4,052	0	0	0	5
4	17,300	54.8	13.4	41.4	52	4.7	0	0	0	1,590								34	18,247	0	4,052	3	0	3	8
5	18,200	55.0	13.5	41.5	52	4.7	0	0	0	1,590								12	18,259	2	4,054	1	0	1	9
6	20,900	55.2	13.7	41.5	52	4.6	0	0	0	1,590								37	18,296	1	4,055	1	1	0	10
7	22,800	55.8	14.6	41.2	52	4.2	0	0	0	1,590								43	18,339	3	4,058	4	1	3	14
8	24,400	56.1	15.1	41.0	51	4.0	0	0	0	1,590								45	18,384	6	4,064	1	1	0	15
9	27,700						0	0	0	1,590								55	18,439	10	4,074	3	2	1	18
10	28,100						0	0	0	1,590								32	18,471	6	4,080	3	0	3	21
11	28,000						0	0	0	1,590								27	18,498	0	4,080	10	2	8	31
12	26,700	56.4	16.0	40.4	50	3.3	0	0	0	1,590								22	18,520	4	4,084	7	3	4	38
13	25,700	56.3	15.6	40.7	50	3.3	0	0	0	1,590								7	18,527	5	4,089	2	0	2	40
14	23,800	56.2	15.3	40.9	51	3.5	0	0	0	1,590								8	18,535	6	4,095	9	0	9	49
15	21,500						0	0	0	1,590								3	18,538	2	4,097	7	0	7	56
16	20,300						0	0	0	1,590								2	18,540	1	4,098	1	0	1	57
17	22,600						0	0	0	1,590								0	18,540	0	4,098	3	0	3	60
18	24,900	56.0	15.2	40.8	49	5.8	0	0	0	1,590								1	18,541	3	4,101	1	0	1	61
19	25,800	56.0	16.2	39.8	49	5.0	1	0	1	1,591								5	18,546	0	4,101	2	0	2	63
20	32,700	56.8	16.7	40.1	49	3.4	0	0	0	1,591								6	18,552	4	4,105	2	0	2	65
21	36,800	57.0	19.5	37.5	48	3.0	0	0	0	1,591								13	18,565	3	4,108	2	0	2	67
22	30,700	56.7	19.2	37.5	48	2.3	0	0	0	1,591								5	18,570	0	4,108	2	0	2	69
23	27,000						0	0	0	1,591								3	18,573	0	4,108	1	0	1	70
24	22,100						0	0	0	1,591								0	18,573	0	4,108	3	0	3	73
25	19,900	55.6	15.0	40.6	42	3.4	0	0	0	1,591								3	18,576	1	4,109	0	0	0	73
26	18,300	55.3	14.5	40.8	42	3.5	0	0	0	1,591								5	18,581	0	4,109	1	0	1	74
27	17,100	55.0	14.0	41.0	41	3.7	0	0	0	1,591								2	18,583	0	4,109	1	1	0	75
28	16,000						0	0	0	1,591								1	18,584	0	4,109	4	0	4	79
29	15,300						0	0	0	1,591								-2	18,582	0	4,109	2	0	2	81
30	14,400						0	0	0	1,591								2	18,584	0	4,109	2	0	2	83
							0	0	0	1,591								1	18,585	0	4,109	5	0	5	88

WILLAMETTE FALLS FISHWAY COUNTS

Month December Year 2013

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	Clipped
1	13,700																							
2	15,900	54.6	12.8	41.8	43	4.5											6	18,585	0	4,109	6	0	6	88
3	32,300	56.9	16.9	40.0	43	4.3											8	18,599	3	4,112	4	0	4	98
4	31,400	56.8	19.5	37.3	42	3.8											8	18,607	-1	4,111	19	0	19	117
5	27,700	56.7	18.3	38.4	41	1.7											6	18,613	0	4,111	12	1	11	129
6	25,700	56.6	16.6	40.0	41	2.0											6	18,619	0	4,111	4	0	4	133
7	23,800																1	18,620	0	4,111	3	0	3	136
8	22,800																0	18,620	0	4,111	0	0	0	136
9	21,000	55.7	15.1	40.6	35	3.7											0	18,620	0	4,111	0	0	0	136
10	20,000	55.4	14.7	40.7	35	3.8											0	18,620	0	4,111	1	0	1	137
11	18,500																0	18,620	0	4,111	0	0	0	137
12	16,500	54.8	13.8	41.0	33	5.0											0	18,620	0	4,111	0	0	0	137
13	15,900	54.6	13.3	41.3	33	5.2											0	18,620	0	4,111	1	0	1	138
14	16,100																0	18,620	0	4,111	5	0	5	143
15	15,900																0	18,620	0	4,111	0	0	0	143
16	15,400	54.5	13.2	41.3	39	4.6											0	18,620	0	4,111	4	0	4	147
17	15,200	54.4	13.0	41.4	40	4.6											0	18,620	0	4,111	9	0	9	156
18	14,700	54.4	12.9	41.5	40	4.8											0	18,620	0	4,111	3	0	3	159
19	14,500	54.3	12.7	41.6	40	4.8											0	18,620	0	4,111	4	0	4	163
20	14,000	54.3	12.7	41.6	40	5.3											0	18,620	0	4,111	4	0	4	167
21	13,800																0	18,620	0	4,111	4	0	4	171
22	15,200																0	18,620	0	4,111	1	0	1	172
23	16,300	54.6	13.2	41.4	40	5.0											0	18,620	0	4,111	2	0	2	174
24	16,600	54.8	13.4	41.4	40	5.1											0	18,620	0	4,111	1	0	1	175
25	16,800																0	18,620	0	4,111	9	0	9	184
26	15,800																0	18,620	0	4,111	14	0	14	198
27	15,000	54.6	13.2	41.4	41	5.0											0	18,620	0	4,111	2	0	2	200
28	14,100																0	18,620	0	4,111	3	0	3	203
29	13,600																0	18,620	0	4,111	0	0	0	203
30	12,900	54.1	12.5	41.6	40	5.5											0	18,620	0	4,111	0	0	0	203
31	12,500	54.0	12.2	41.8	40	5.5											0	18,620	0	4,111	2	0	2	205
																	0	18,620	0	4,111	1	0	1	206