

## WILLAMETTE FALLS FISHWAY COUNTS

Month January Year 2017

Date	Hydrological Data						Fall Chinook						Coho				Steelhead				Other	
							Adult		Jack		Mini Jack		Adult		Jack		Summer		Winter			
	Flow	HW	TW	Diff	Temp	Vis	Daily	Cum.	Daily	Cum.	Daily	Cum.	Daily	Cum.	Daily	Cum.	Daily	Cum.	Daily	Cum.		
1	29,600																			132		
2	29,500																		10	142		
3	28,700	56.5	18.3	38.2	39	3.0													4	146		
4	25,800	56.2	17.8	38.4	39	3.2													5	151		
5	24,500	55.8	17.2	38.6	38	3.5													3	154		
6	20,800	55.8	16.7	39.1	36	3.5													0	154		
7	19,900																		0	154		
8	19,800																		0	154		
9	23,400	55.7	16.3	39.4	38	3.8													0	154		
10	47,000	57.1	18.1	39.0	38	3.6													0	154		
11	57,000																		0	154		
12	57,900	58.7	24.1	34.6	38														0	154		
13	49,700	58.3	23.6	34.7	38														1	155		
14	43,400																		2	157		
15	41,900																		0	157		
16	37,900																		0	157		
17	33,800																		0	157		
18	37,500	57.1	19.2	37.9	37	3.5													0	157		
19	52,100	59.1	23.8	35.3	39	<1.0													0	157		
20	50,400	59.4	26.8	32.6	40	<1.0													0	157		
21	43,800																		1	158		
22	40,000																		12	170		
23	39,600	58.2	23.0	35.2	42	<1.0													20	190		
24	34,900	57.8	21.7	36.1	42	1.0													11	201		
25	31,900	57.3	20.4	36.9	42	1.5													9	210		
26	29,200																		9	219		
27	27,000	57.3	18.7	38.6	41	2.0													6	225		
28	25,200																		5	230		
29	23,100																		4	234		
30	21,700	56.6	16.8	39.8	41	2.8													2	236		
31	21,100	56.4	16.4	40.0	42	2.8													5	241		

## WILLAMETTE FALLS FISHWAY COUNTS

Month February Year 2017

Date	Hydrological Data						Fall Chinook						Coho				Steelhead				Other	
							Adult		Jack		Mini Jack		Adult		Jack		Summer		Winter			
	Flow	HW	TW	Diff	Temp	Vis	Daily	Cum.	Daily	Cum.	Daily	Cum.	Daily	Cum.	Daily	Cum.	Daily	Cum.	Daily	Cum.		
																				241		
1	20,600	56.2	16.0	40.2	42	3.0													2	243		
2	19,800	56.1	15.7	40.4	40	3.2													3	246		
3	18,900	55.9	15.4	40.5	40	3.4													0	246		
4	22,000																		1	247		
5	35,000																		-1	246		
6	74,700	59.9	24.4	35.5	42	<1.0													1	247		
7	80,100	60.7	30.8	29.9	42	<1.0													3	250		
8	68,500	60.5	30.5	30.0	41	<1.0													0	250		
9	69,800	60.5	29.9	30.6	41	<1.0													3	253		
10	86,800	61.1	32.2	28.9	44	<1.0													4	257		
11	84,900																		2	259		
12	72,300																		0	259		
13	58,600	60.0	28.9	31.1	44	<1.0													6	265		
14	49,500	59.1	25.7	33.4	44														8	273		
15	45,200	58.4	23.8	34.6	45														6	279		
16	53,400	58.8	23.9	34.9	45														21	300		
17	75,900	60.2	28.2	32.0	45														14	314		
18	75,000																		5	319		
19	63,500																		9	328		
20	59,600																		7	335		
21	64,900	59.9	28.0	31.9	47														4	339		
22	77,100	60.2	29.4	30.8	47														4	343		
23	80,300	60.6	30.1	30.5	46														0	343		
24	71,700	60.4	29.6	30.8	43														2	345		
25	55,200																		3	348		
26	44,900																		11	359		
27	40,800	58.2	22.6	35.6	43														16	375		
28	38,000	57.8	21.4	36.4	43	1.9													11	386		
29																						
30																						
31																						

## WILLAMETTE FALLS FISHWAY COUNTS

Month March Year 2017

Date	Hydrological Data						Spring Chinook						Coho				Steelhead				Other	
							Adult		Jack		Mini Jack		Adult		Jack		Summer		Winter		Daily	Cum.
	Daily	Cum.	Daily	Cum.	Daily	Cum.	Daily	Cum.	Daily	Cum.	Daily	Cum.	Daily	Cum.								
1	33,600	57.5	20.5	37.0	42	2.0														386		
2	32,100	57.2	19.7	37.5	42	2.0													12	398		
3	29,200																		18	416		
4	28,500																		23	439		
5	32,100																		18	457		
6	33,500	57.3	19.4	37.9	43	2.2													5	462		
7	38,200	57.5	20.2	37.3	43	2.2													10	472		
8	45,900	58.0	21.1	36.9	42	1.4													4	476		
9	65,000	59.0	24.1	34.9	42	1.0													7	483		
10	86,500	60.1	27.4	32.7	45														7	490		
11	94,100																		10	500		
12	80,500																		5	505		
13	62,800	60.3	29.8	30.5	48														10	515		
14		59.6	27.0	32.6	50										1	1	21	536				
15	68,300	60.1	27.4	32.7	50										2	3	25	561				
16	75,300	60.6	29.4	31.2	50										0	3	20	581				
17	77,600	60.8	31.1	29.7	50										0	3	3	584				
18	71,300														0	3	1	585				
19	72,500														0	3	1	586				
20	72,900	60.4	30.2	30.2	48										0	3	4	590				
21	62,500	60.2	29.2	31.0	48										0	3	4	594				
22	61,500	59.9	28.2	31.7	48										0	3	3	597				
23	58,300	59.5	27.3	32.2	48										0	3	9	606				
24	56,300	59.4	26.7	32.7	48	2.2									2	5	6	612				
25	66,800														0	5	7	619				
26	66,900	60.0	28.7	31.3	48										1	6	3	622				
27	65,300														0	6	5	627				
28	68,100														0	6	0	627				
29	68,100	60.0	28.6	31.4	48										0	6	0	627				
30	66,800	59.9	28.5	31.4	48										0	6	1	628				
31	70,300	59.9	28.4	31.5	48	<1.0									1	7	1	629				
															0	7	2	631				

## WILLAMETTE FALLS FISHWAY COUNTS

Month April Year 2017

Date	Hydrological Data						Spring Chinook						Coho				Steelhead				Other		
							Adult		Jack		Mini Jack		Adult		Jack		Summer		Winter				
	Flow	HW	TW	Diff	Temp	Vis	Daily	Cum.	Daily	Cum.	Daily	Cum.	Daily	Cum.	Daily	Cum.	Daily	Cum.	Daily	Cum.			
1	63,400																	7	631				
2	53,800																	0	7	4	635		
3	46,800	58.8	25.2	33.6	49	1.8												0	7	0	635		
4	41,600	58.3	23.8	34.5	49	3.3												1	8	5	640		
5	37,100	58.0	22.2	35.8	50	3.5												1	9	2	642		
6	32,800	57.6	21.1	36.5	50	3.5												0	9	3	645		
7	30,800						0	0										1	10	6	651		
8	29,600						1	1										3	13	6	657		
9	29,200						1	2										2	15	6	663		
10	27,800	57.3	19.6	37.7	50	3.5	0	2										0	15	1	664		
11	27,000	57.3	19.6	37.7	50	3.5	0	2										1	16	2	666		
12	26,600	57.3	19.1	38.2	50	3.3	0	2										1	17	2	668		
13	28,700	57.6	19.8	37.8	49	3.3	0	2										2	19	1	669		
14	28,600	57.8	20.5	37.3	49	3.3	0	2										0	19	2	671		
15	28,000						0	2										0	19	2	673		
16	26,300						0	2										0	19	1	674		
17	24,700	57.3	19.2	38.1	50	3.6	0	2										1	20	1	675		
18	26,000	57.4	18.8	38.6	50	3.6	1	3										2	22	2	677		
19	30,100						2	5										0	22	4	681		
20	29,600						1	6										1	23	2	683		
21	30,200						0	6										0	23	1	684		
22	29,300						2	8										3	26	0	684		
23	27,400						0	8										1	27	3	687		
24	26,800	57.4	19.5	37.9	52	3.8	2	10										1	28	1	688		
25	34,500	57.7	19.6	38.1	52	4.0	2	12										1	29	0	688		
26	44,300	58.2	22.2	36.0	51	3.5	4	16										1	30	4	692		
27	57,800	58.9	24.0	34.9	51	3.3	0	16										0	30	2	694		
28	67,000	59.5	25.9	33.6	49	2.2	0	16										0	30	2	696		
29	64,400						0	16										1	31	5	701		
30	52,500						1	17										5	36	5	706		
31							0	17										6	42	12	718		

Cumulative Adult Spring Chinook Mark Rate: 82.4%

## WILLAMETTE FALLS FISHWAY COUNTS

Month     May     Year     2017    

Date	Hydrological Data						Spring Chinook						Coho				Steelhead				Other	
							Adult		Jack		Mini Jack		Adult		Jack		Summer		Winter			
	Flow	HW	TW	Diff	Temp	Vis	Daily	Cum.	Daily	Cum.	Daily	Cum.	Daily	Cum.	Daily	Cum.	Daily	Cum.	Daily	Cum.		
								17										42		718		
1	45,500	58.1	22.8	35.3	51	3.0	4	21									1	43	1	719		
2	41,100	57.8	21.5	36.3	51	3.2	7	28		0							3	46	0	719		
3	37,100	57.4	20.4	37.0	51	4.0	23	51	1	1							4	50	2	721		
4	33,600	57.3	19.6	37.7	53	4.2	315	366	3	4							9	59	15	736		
5	34,300	57.4	18.8	38.6	56	4.8	1,570	1,936	66	70							43	102	11	747		
6	36,700						728	2,664	48	118							16	118	8	755		
7	32,700						115	2,779	3	121							17	135	2	757		
8	28,700	57.2	18.7	38.5	54	5.3	87	2,866	3	124							12	147	2	759		
9	27,300	56.9	18.3	38.6	54	5.5	122	2,988	8	132							10	157	3	762		
10	24,700	56.7	18.1	38.6	56	5.6	180	3,168	10	142		0					8	165	1	763		
11	23,700	56.5	17.6	38.9	58	5.6	488	3,656	25	167	1	1					33	198	6	769		
12	24,100	56.5	17.6	38.9	58	5.6	302	3,958	20	187	2	3					13	211	1	770		
13	25,000						114	4,072	15	202	0	3					14	225	2	772		
14	26,900						57	4,129	5	207	0	3					11	236	1	773		
15	30,400	57.0	18.2	38.8	53	5.3	13	4,142	1	208	2	5					1	237	0	773		
16	29,600	57.1	18.6	38.5	53	5.3	14	4,156	0	208	0	5					5	242	1	774		
17	37,500	57.5	18.9	38.6	51	5.3	18	4,174	0	208	0	5					8	250	0	774		
18	43,200	57.6	20.8	36.8	53	5.5	15	4,189	1	209	0	5					6	256	3	777		
19	41,200	57.5	21.2	36.3	53	3.8	8	4,197	0	209	0	5					11	267	3	780		
20	36,900						49	4,246	1	210	0	5					9	276	0	780		
21	33,300	57.4	19.6	37.8	57	4.8	922	5,168	50	260	1	6					27	303	6	786		
22	29,700	57.2	18.5	38.7	58	5.2	3,272	8,440	120	380	11	17					59	362	7	793		
23	27,700	57.0	17.8	39.2	58	5.3	1,547	9,987	98	478	8	25					54	416	10	803		
24	26,900	56.8	17.4	39.4	60	5.8	2,162	12,149	112	590	2	27					73	489	5	808		
25	27,500						987	13,136	5	595	2	29					46	535	2	810		
26	25,900	56.6			60	6.2	1,020	14,156	58	653	8	37					46	581	2	812		
27	24,100	56.4			60	6.2	1,030	15,186	86	739	10	47					64	645	7	819		
28	22,000						728	15,914	77	816	14	61					28	673	0	819		
29	21,200						517	16,431	54	870	14	75					26	699	3	822		
30	21,500	56.0	16.1	39.9	65	6.6	793	17,224	83	953	13	88					36	735	0	822		
31	21,700	56.0	16.3	39.7	65	6.8	259	17,483	39	992	9	97					12	747	0	822		

Cumulative Adult Spring Chinook Mark Rate: 82.8%

## WILLAMETTE FALLS FISHWAY COUNTS

Month June Year 2017

Date	Hydrological Data						Spring Chinook						Coho				Steelhead				Other	
							Adult		Jack		Mini Jack		Adult		Jack		Summer		Winter		Daily	Cum.
	Flow	HW	TW	Diff	Temp	Vis	Daily	Cum.	Daily	Cum.	Daily	Cum.	Daily	Cum.	Daily	Cum.	Daily	Cum.	Daily	Cum.		
								17,483		992		97						747				
1	20,100	55.9	16.4	39.5	60	7.5	840	18,323	75	1,067	20	117					61	808				
2	17,600	55.6	16.2	39.4	60	7.5	460	18,783	47	1,114	14	131					33	841				
3	16,800						594	19,377	49	1,163	23	154					36	877				
4	17,600						569	19,946	69	1,232	27	181					27	904				
5	17,100	55.4	15.5	39.9	62	7.8	234	20,180	41	1,273	9	190					22	926				
6	16,100	54.9	15.9	39.0	64	7.8	316	20,496	45	1,318	17	207					37	963				
7	16,000	54.9	15.2	39.7	64	8.0	424	20,920	57	1,375	22	229					54	1,017				
8	15,700	55.0	15.0	40.0	64	7.0	373	21,293	46	1,421	19	248					38	1,055				
9	15,900	55.0	15.1	39.9	64	7.0	321	21,614	55	1,476	17	265					25	1,080				
10	17,300						131	21,745	15	1,491	3	268					10	1,090				
11	17,200						62	21,807	10	1,501	1	269					11	1,101				
12	17,300	54.9	15.6	39.3	60	6.8	198	22,005	11	1,512	3	272					14	1,115				
13	16,700	54.9	15.0	39.9	60	6.8	326	22,331	14	1,526	4	276					35	1,150				
14	16,400	54.9	14.2	40.7	58	7.0	362	22,693	23	1,549	5	281					26	1,176				
15	16,000	54.9	14.2	40.7	58	7.0	434	23,127	35	1,584	16	297					36	1,212				
16	15,800	54.9	14.3	40.6	58	6.8	518	23,645	40	1,624	11	308					40	1,252				
17	16,200						478	24,123	23	1,647	3	311					43	1,295				
18	16,200						521	24,644	20	1,667	6	317					38	1,333				
19	15,500	54.9	14.0	40.9	60	6.5	631	25,275	41	1,708	13	330					48	1,381				
20	14,300	54.9	13.5	41.4	62	6.5	654	25,929	42	1,750	7	337					35	1,416				
21	14,300	54.8	13.0	41.8	66	7.2	718	26,647	50	1,800	7	344					20	1,436				
22	13,500	54.8	12.9	41.9	68	7.4	317	26,964	26	1,826	5	349					14	1,450				
23	12,700	54.6	12.6	42.0	69	7.6	417	27,381	42	1,868	9	358					31	1,481				
24	12,100																					
25	11,600																					
26	11,000	54.7	12.0	42.7	70	6.8																
27																						
28																						
29																						
30																						
31																						

Cumulative Adult Spring Chinook Mark Rate: 83.4%