

WILLAMETTE FALLS FISHWAY COUNTS

Year: 2019
 Month: January

Date	Hydrological Data						Spring Chinook									Coho				Steelhead								
							Adult				Jack				Mini Jack		Adult		Jack		Winter			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	Cum.	Total		Clipped	Unclip	Total		Clipped	Unclip
1	30,200						0	0	0	0	0	0	0	0	0	0	2,557	0	2,804	2	0	2	150					
2	27,200	61.2	18.3	42.9	42	2.6	0	0	0	0	0	0	0	0	0	0	2,557	0	2,804	9	0	9	159					
3	25,100	61.1	17.0	44.1	42	2.6	0	0	0	0	0	0	0	0	0	0	2,557	0	2,804	2	0	2	161					
4	24,300	60.8	16.5	44.3	40	2.0	0	0	0	0	0	0	0	0	0	0	2,557	0	2,804	3	0	3	164					
5	23,000						0	0	0	0	0	0	0	0	0	0	2,557	0	2,804	8	0	8	172					
6	21,500						0	0	0	0	0	0	0	0	0	0	2,557	0	2,804	5	0	5	177					
7	21,700	60.7	15.7	45.0	42	4.5	0	0	0	0	0	0	0	0	0	0	2,557	0	2,804	7	0	7	184					
8	21,900	60.7	15.9	44.8	42	4.5	0	0	0	0	0	0	0	0	0	0	2,557	0	2,804	3	0	3	187					
9	22,300	60.7	16.3	44.4	42	4.3	0	0	0	0	0	0	0	0	0	0	2,557	0	2,804	2	0	2	189					
10	23,700	61.1	16.4	44.7	41	3.5	0	0	0	0	0	0	0	0	0	0	2,557	0	2,804	4	0	4	193					
11	26,300	61.4	17.3	44.1	41	3.5	0	0	0	0	0	0	0	0	0	0	2,557	1	2,805	11	0	11	204					
12	24,500						0	0	0	0	0	0	0	0	0	0	2,557	-1	2,804	21	0	21	225					
13	22,200						0	0	0	0	0	0	0	0	0	0	2,557	0	2,804	20	0	20	245					
14	20,200	60.7	16.0	44.7	43	3.4	0	0	0	0	0	0	0	0	0	0	2,557	0	2,804	13	0	13	258					
15	19,300	60.6	15.5	45.1	43	3.4	0	0	0	0	0	0	0	0	0	0	2,557	0	2,804	9	0	9	267					
16	17,400	60.1	15.1	45.0	43	3.6	0	0	0	0	0	0	0	0	0	0	2,557	0	2,804	2	0	2	269					
17	16,200	59.7	14.6	45.1	41	3.8	0	0	0	0	0	0	0	0	0	0	2,557	0	2,804	1	0	1	270					
18	16,200	59.5	14.2	45.3	41	4.5	0	0	0	0	0	0	0	0	0	0	2,557	0	2,804	3	0	3	273					
19	22,200						0	0	0	0	0	0	0	0	0	0	2,557	0	2,804	15	0	15	288					
20	39,300						0	0	0	0	0	0	0	0	0	0	2,557	0	2,804	6	0	6	294					
21	47,600						0	0	0	0	0	0	0	0	0	0	2,557	0	2,804	7	0	7	301					
22	47,900	62.5	22.9	39.6	44	<1.0	0	0	0	0	0	0	0	0	0	0	2,557	0	2,804	1	0	1	302					
23	40,800	62.3	21.9	40.4	45	<1.0	0	0	0	0	0	0	0	0	0	0	2,557	0	2,804	14	0	14	316					
24	39,700	62.3	21.0	41.3	45	<1.0	0	0	0	0	0	0	0	0	0	0	2,557	0	2,804	28	0	28	344					
25	36,700	61.9	20.5	41.4	45	1.0	0	0	0	0	0	0	0	0	0	0	2,557	0	2,804	17	0	17	361					
26	32,300						0	0	0	0	0	0	0	0	0	0	2,557	0	2,804	17	0	17	378					
27	28,800						0	0	0	0	0	0	0	0	0	0	2,557	0	2,804	6	0	6	384					
28	26,200	61.2	17.1	44.1	43	3.0	0	0	0	0	0	0	0	0	0	0	2,557	0	2,804	5	0	5	389					
29	24,700	61.0	16.7	44.3	43	3.0	0	0	0	0	0	0	0	0	0	0	2,557	0	2,804	6	0	6	395					
30	22,200	60.7	16.1	44.6	42	3.1	0	0	0	0	0	0	0	0	0	0	2,557	0	2,804	12	0	12	407					
31	19,400	60.3	15.4	44.9	42	3.3	0	0	0	0	0	0	0	0	0	0	2,557	0	2,804	6	0	6	413					

WILLAMETTE FALLS FISHWAY COUNTS

Year: 2019
Month: March

Date	Hydrological Data						Spring Chinook						Coho				Steelhead										
							Adult			Jack			Mini Jack		Adult		Jack		Winter			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		Total	Clipped	Unclip		Total
1	28,900	61.0	18.7	42.3	39	2.0	0	0	0	1	0	0	0	0	0	0	0	0	0	4	0	4	635	0	0	0	0
2	26,700						0	0	0	1	0	0	0	0	0	0	0	0	0	13	0	13	648	0	0	0	0
3	25,700						0	0	0	1	0	0	0	0	0	0	0	0	0	18	0	18	666	0	0	0	0
4	24,100	60.5	16.4	44.1	40	2.8	0	0	0	1	0	0	0	0	0	0	0	0	0	15	0	15	681	0	0	0	0
5	22,400	60.1	16.1	44.0	40	3.0	0	0	0	1	0	0	0	0	0	0	0	0	0	3	0	3	684	0	0	0	0
6	21,400						0	0	0	1	0	0	0	0	0	0	0	0	0	5	0	5	689	0	0	0	0
7	20,700	59.7	15.3	44.4	39	3.0	0	0	0	1	0	0	0	0	0	0	0	0	0	6	0	6	695	0	0	0	0
8	21,200	59.7	15.3	44.4	39	3.0	0	0	0	1	0	0	0	0	0	0	0	0	0	3	0	3	698	0	0	0	0
9	21,800						0	0	0	1	0	0	0	0	0	0	0	0	0	6	0	6	704	0	0	0	0
10	22,000						0	0	0	1	0	0	0	0	0	0	0	0	0	13	0	13	717	0	0	0	0
11	20,500	59.8	15.4	44.4	40	3.0	0	0	0	1	0	0	0	0	0	0	0	0	0	43	0	43	760	1	1	0	1
12	19,600	59.7	15.1	44.6	40	3.0	0	0	0	1	0	0	0	0	0	0	0	0	0	60	0	60	820	3	3	0	4
13	21,100	59.8	15.0	44.8	40	3.0	0	0	0	1	0	0	0	0	0	0	0	0	0	121	0	121	941	9	9	0	13
14	22,900	59.9	16.4	43.5	43	3.1	0	0	0	1	0	0	0	0	0	0	0	0	0	178	0	178	1,119	6	6	0	19
15	21,200	59.9	16.3	43.6	44	3.4	0	0	0	1	0	0	0	0	0	0	0	0	0	129	0	129	1,248	17	17	0	36
16	19,900						1	1	0	2	0	0	0	0	0	0	0	0	0	104	0	104	1,352	10	10	0	46
17	19,400						0	0	0	2	0	0	0	0	0	0	0	0	0	79	0	79	1,431	15	15	0	61
18	19,700	59.4	15.1	44.3	47	3.6	1	1	0	3	0	0	0	0	0	0	0	0	0	63	0	63	1,494	11	11	0	72
19	20,500	59.5	15.4	44.1	48	3.7	0	0	0	3	0	0	0	0	0	0	0	0	0	64	0	64	1,558	16	16	0	88
20	21,700	59.8	15.6	44.2	49	4.3	3	0	3	6	0	0	0	0	0	0	0	0	0	85	0	85	1,643	19	19	0	107
21	23,700	59.8	16.4	43.4	49	4.3	2	0	2	8	0	0	0	0	0	0	0	0	0	105	0	105	1,748	22	22	0	129
22	23,200	60.0	17.1	42.9	49	4.5	2	1	1	10	0	0	0	0	0	0	0	0	0	70	0	70	1,818	18	18	0	147
23	22,900						2	0	2	12	0	0	0	0	0	0	0	0	0	51	0	51	1,869	11	11	0	158
24	22,800						2	1	1	14	0	0	0	0	0	0	0	0	0	56	0	56	1,925	11	11	0	169
25	22,300	59.9	16.8	43.1	48	5.4	0	0	0	14	0	0	0	0	0	0	0	0	0	87	0	87	2,012	8	8	0	177
26	21,000						1	1	0	15	0	0	0	0	0	0	0	0	0	66	0	66	2,078	22	22	0	199
27	20,200	59.9	15.4	44.5	48	5.5	1	0	1	16	0	0	0	0	0	0	0	0	0	67	0	67	2,145	6	6	0	205
28	19,100	59.8	15.1	44.7	48	5.5	2	1	1	18	0	0	0	0	0	0	0	0	0	46	0	46	2,191	11	11	0	216
29	19,100	59.8	15.1	44.7	48	5.8	5	1	4	23	0	0	0	0	0	0	0	0	0	59	0	59	2,250	19	19	0	235
30	18,900						11	4	7	34	0	0	0	0	0	0	0	0	0	43	0	43	2,293	9	9	0	244
31	18,100						14	7	7	48	0	0	0	0	0	0	0	0	0	57	0	57	2,350	16	16	0	260

WILLAMETTE FALLS FISHWAY COUNTS

Year: 2019

Month: May

Date	Hydrological Data						Spring Chinook									Coho				Steelhead								
							Adult			Jack				Mini Jack		Adult		Jack		Winter			Summer					
	Flow	HW	TW	Diff	Temp	Vis	Daily			Cum.	Daily			Cum.	Daily	Cum.	Daily	Cum.	Daily			Cum.	Daily			Cum.		
							Total	Clipped	Unclip	2,888	Total	Clipped	Unclip	142	Daily	Cum.	Daily	Cum.	Total	Clipped	Unclip	2,988	Total	Clipped	Unclip	718		
1	20,100	60.3	15.0	45.3	55	4.6	289	180	109	3,177	17	14	3	159	0	0					12	0	12	3,000	44	44	0	762
2	18,500	60.1	14.5	45.6	55	4.6	461	287	174	3,638	42	32	10	201	0	0					10	0	10	3,010	39	39	0	801
3	17,600	59.7	14.3	45.4	56	4.8	550	353	197	4,188	36	25	11	237	0	0					12	0	12	3,022	55	55	0	856
4	16,000						635	420	215	4,823	51	40	11	288	0	0					9	0	9	3,031	56	56	0	912
5	14,600						977	662	315	5,800	39	33	6	327	0	0					12	0	12	3,043	45	45	0	957
6	13,900	59.2	12.9	46.3	58	5.5	1,235	825	410	7,035	45	37	8	372	0	0					20	0	20	3,063	63	63	0	1,020
7	13,500	59.2	12.6	46.6	58	5.5	796	538	258	7,831	55	36	19	427	0	0					10	0	10	3,073	61	61	0	1,081
8	13,400	59.1	12.5	46.6	60	6.5	820	564	256	8,651	30	27	3	457	0	0					25	0	25	3,098	67	67	0	1,148
9	13,500	59.1	12.5	46.6	62	6.5	681	519	162	9,332	26	25	1	483	0	0					5	0	5	3,103	41	41	0	1,189
10	14,100	59.1	12.5	46.6	62	7.0	460	304	156	9,792	48	29	19	531	0	0					9	0	9	3,112	40	40	0	1,229
11	14,700						411	276	135	10,203	52	42	10	583	0	0					6	0	6	3,118	46	46	0	1,275
12	14,600						553	406	147	10,756	33	28	5	616	0	0					5	0	5	3,123	61	61	0	1,336
13	15,200	59.3	12.8	46.5	64	7.5	372	223	149	11,128	57	32	25	673	0	0					5	0	5	3,128	49	49	0	1,385
14	15,100	59.2	12.9	46.3	64	7.5	400	268	132	11,528	29	20	9	702	1	1					5	0	5	3,133	42	42	0	1,427
15	15,100	59.2	13.0	46.2	63	7.5	232	164	68	11,760	28	18	10	730	0	1					4	0	4	3,137	48	48	0	1,475
16	15,100	59.5	13.3	46.2	60	7.5	162	127	35	11,922	20	15	5	750	0	1					7	0	7	3,144	41	41	0	1,516
17	15,300	59.1	13.3	45.8	60	7.1	181	124	57	12,103	22	13	9	772	0	1					5	0	5	3,149	36	36	0	1,552
18	14,900						92	64	28	12,195	6	4	2	778	0	1					8	0	8	3,157	50	50	0	1,602
19	14,800	59.0	13.6	45.4	58	6.9	155	110	45	12,350	17	10	7	795	2	3					13	0	13	3,170	37	37	0	1,639
20	14,700	59.0	13.6	45.4	57	6.8	106	68	38	12,456	12	10	2	807	0	3					3	0	3	3,173	36	36	0	1,675
21	14,700	58.8	13.3	45.5	56	6.6	145	117	28	12,601	13	12	1	820	0	3					0	0	0	3,173	32	32	0	1,707
22	14,800						271	216	55	12,872	16	16	0	836	0	3					1	0	1	3,174	52	52	0	1,759
23	15,300	58.9	13.1	45.8	60		296	247	49	13,168	19	15	4	855	0	3					0	0	0	3,174	48	48	0	1,807
24	15,700						211	152	59	13,379	12	7	5	867	0	3					3	0	3	3,177	48	48	0	1,855
25	15,500	58.8	13.1	45.7	61	6.0	130	88	42	13,509	24	21	3	891	0	3					1	0	1	3,178	30	30	0	1,885
26	15,900	59.2	13.2	46.0	59	6.5	248	174	74	13,757	30	20	10	921	1	4					5	0	5	3,183	45	45	0	1,930
27	16,200						144	94	50	13,901	25	14	11	946	1	5					2	0	2	3,185	43	43	0	1,973
28	15,800	59.1	13.3	45.8	59	6.8	130	83	47	14,031	21	18	3	967	1	6					6	0	6	3,191	40	40	0	2,013
29	15,400	59.1	13.2	45.9	59	7.0	118	80	38	14,149	18	16	2	985	2	8					3	0	3	3,194	30	30	0	2,043
30	15,100	59.2	12.9	46.3	59	7.0	122	89	33	14,271	23	17	6	1,008	5	13					2	0	2	3,196	46	46	0	2,089
31	14,500	59.1	12.8	46.3	60	7.1	241	162	79	14,512	32	23	9	1,040	4	17					6	0	6	3,202	46	46	0	2,135

WILLAMETTE FALLS FISHWAY COUNTS

Year: 2019
Month: July

Date	Hydrological Data						Spring Chinook									Coho				Steelhead											
							Adult			Jack			Mini Jack			Adult		Jack		Winter			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	Total	Clipped	Unclip	Total	Clipped	Unclip	Total	Clipped	Unclip	Total	Clipped	Unclip	Total	Clipped	Unclip	Total	Clipped	Unclip				
1	7,660	61.0	10.4	50.6	68	7.5	85	47	38	17,709	11	10	1	1,493	160	860												103	97	6	3,626
2	7,390						86	47	39	17,795	6	4	2	1,499	115	975												78	70	8	3,704
3	7,210	64.0	9.3	54.7	69	7.6	84	45	39	17,879	17	9	8	1,516	160	1,135											82	72	10	3,786	
4	7,150						65	45	20	17,944	14	14	0	1,530	108	1,243											107	102	5	3,893	
5	7,240	61.7	8.2	53.5	70	7.8	92	61	31	18,036	23	19	4	1,553	131	1,374											130	119	11	4,023	
6	7,150						61	40	21	18,097	7	5	2	1,560	106	1,480											129	121	8	4,152	
7	7,120						73	52	21	18,170	3	3	0	1,563	96	1,576											93	90	3	4,245	
8	7,120	61.3	9.1	52.2	70	7.8	60	35	25	18,230	6	5	1	1,569	66	1,642											81	74	7	4,326	
9	6,970	63.5	8.0	55.5	70	7.9	69	45	24	18,299	16	12	4	1,585	127	1,769											92	82	10	4,418	
10	7,240	67.5	8.2	59.3	70	8.0	59	42	17	18,358	11	9	2	1,596	129	1,898											106	95	11	4,524	
11	7,270	66.1	7.5	58.6	70	8.0	64	39	25	18,422	16	9	7	1,612	235	2,133											104	91	13	4,628	
12	7,120	67.7	7.6	60.1	70	8.1	55	30	25	18,477	13	9	4	1,625	327	2,460											118	104	14	4,746	
13	7,030						16	7	9	18,493	10	6	4	1,635	84	2,544											45	40	5	4,791	
14	7,180						34	21	13	18,527	12	10	2	1,647	153	2,697											50	46	4	4,841	
15	7,180	68.6	9.2	59.4	72	7.5	27	15	12	18,554	7	6	1	1,654	192	2,889											46	42	4	4,887	
16	7,150	66.6	8.2	58.4	72	7.5	35	24	11	18,589	13	10	3	1,667	142	3,031											31	21	10	4,918	
17	7,030	70.6	8.1	62.5	73	7.6	12	6	6	18,601	3	3	0	1,670	67	3,098											21	18	3	4,939	
18	7,000	70.6	8.1	62.5	73	7.6	19	10	9	18,620	5	4	1	1,675	75	3,173											27	23	4	4,966	
19	6,970	68.4	8.4	60.0	75	8.4	20	11	9	18,640	5	4	1	1,680	49	3,222											14	12	2	4,980	
20	6,820						23	10	13	18,663	4	4	0	1,684	41	3,263											9	8	1	4,989	
21	6,670						24	12	12	18,687	5	3	2	1,689	75	3,338											19	14	5	5,008	
22	6,670	67.4	8.3	59.1	74	7.6	35	18	17	18,722	5	4	1	1,694	64	3,402											26	22	4	5,034	
23	6,700	67.9	8.3	59.6	74	7.6	10	6	4	18,732	4	3	1	1,698	63	3,465											11	10	1	5,045	
24	6,670	69.5	8.2	61.3	74	8.0	5	2	3	18,737	3	3	0	1,701	29	3,494											13	10	3	5,058	
25	6,940	61.0	8.1	52.9	75	7.8	6	1	5	18,743	1	1	0	1,702	26	3,520											9	8	1	5,067	
26	6,940						21	14	7	18,764	3	3	0	1,705	66	3,586											22	22	0	5,089	
27	6,940						26	6	20	18,790	0	0	0	1,705	139	3,725											14	11	3	5,103	
28	7,000						2	0	2	18,792	1	1	0	1,706	29	3,754											2	2	0	5,105	
29	7,030	61.2	8.1	53.1	75	8.3	12	2	10	18,804	7	6	1	1,713	52	3,806											5	4	1	5,110	
30	7,120	61.1	8.3	52.8	75	8.3	11	4	7	18,815	2	2	0	1,715	19	3,825											0	0	0	5,110	
31	7,180	61.3	8.3	53.0	75	8.3	2	1	1	18,817	-1	0	-1	1,714	3	3,828											0	0	0	5,110	

WILLAMETTE FALLS FISHWAY COUNTS

Year: 2019
Month: August

Date	Hydrological Data						Spring/Fall Chinook									Coho				Steelhead							
							Adult			Jack			Mini Jack			Adult		Jack		Winter			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		Total	Clipped	Unclip		Total
1	7,330	61.1	8.8	52.3	75	8.3	7	2	5	18,817	1	1	0	1,715	11	3,839	0	0	0	0				1	1	0	5,111
2	7,450	61.2	8.2	53.0	75	8.5	1	0	1	18,824	1	1	0	1,716	15	3,854	0	0	0	0				0	0	0	5,111
3	7,360						0	0	0	18,825	1	1	0	1,717	17	3,871	0	0	0	0				0	0	0	5,111
4	7,270						5	2	3	18,830	3	1	2	1,720	22	3,893	0	0	0	0				3	2	1	5,114
5	7,240	61.0	8.1	52.9	75	8.7	2	0	2	18,832	1	0	1	1,721	4	3,897	0	0	0	0				0	0	0	5,114
6	7,200	61.1	9.1	52.0	75	8.7	1	1	0	18,833	1	0	1	1,722	16	3,913	0	0	0	0				2	2	0	5,116
7	7,180	61.2	8.2	53.0	75	8.7	2	0	2	18,835	2	2	0	1,724	33	3,946	0	0	0	0				5	4	1	5,121
8	7,180	61.4	8.2	53.2	75	8.7	0	0	0	18,835	1	1	0	1,725	8	3,954	0	0	0	0				1	1	0	5,122
9	7,330	61.3	8.1	53.2	77	8.8	2	1	1	18,837	2	2	0	1,727	17	3,971	0	0	0	0				1	1	0	5,123
10	7,420						6	2	4	18,843	4	3	1	1,731	5	3,976	0	0	0	0				3	2	1	5,126
11	7,480						0	0	0	18,843	0	0	0	1,731	6	3,982	0	0	0	0				0	0	0	5,126
12	7,540	61.1	8.1	53.0	75	8.8	4	1	3	18,847	0	0	0	1,731	6	3,988	0	0	0	0				2	2	0	5,128
13	7,420	61.2	8.1	53.1	75	8.8	24	7	17	18,871	0	0	0	1,731	28	4,016	0	0	0	0				3	3	0	5,131
14	7,300	61.0	9.1	51.9	75	8.8	10	2	8	18,881	3	0	3	1,734	29	4,045	0	0	0	0				3	2	1	5,134
15	7,200	60.9	8.0	52.9	74	8.8	1	0	1	18,882	1	1	0	1,735	3	4,048	0	0	0	0				0	0	0	5,134
16	7,100	61.1	8.2	52.9	72	9.0	6	1	5	6	1	1	0	1	22	4,070	0	0	0	0				4	2	2	5,138
17	7,100						0	0	0	6	0	0	0	1	5	4,075	0	0	0	0				1	2	-1	5,139
18	7,150						1	0	1	7	0	0	0	1	2	4,077	0	0	0	0				0	0	0	5,139
19	7,180	61.2	8.1	53.1	73	9.5	3	0	3	10	0	0	0	1	2	4,079	0	0	0	0				7	7	0	5,146
20	7,090	61.5	8.0	53.5	73	9.5	6	0	6	16	0	0	0	1	3	4,082	0	0	0	0				4	3	1	5,150
21	7,330	61.4	8.1	53.3	73	9.3	8	2	6	24	0	0	0	1	12	4,094	0	0	0	0				1	1	0	5,151
22	7,360	61.3	8.9	52.4	72	9.3	2	0	2	26	1	1	0	2	4	4,098	0	0	0	0				1	1	0	5,152
23	7,240	61.0	8.9	52.1	72	9.3	8	0	8	34	2	0	2	4	15	4,113	0	0	0	0				5	4	1	5,157
24	7,150						1	0	1	35	0	0	0	4	3	4,116	0	0	0	0				-1	-1	0	5,156
25	7,360						4	0	4	39	0	0	0	4	6	4,122	1	1	0	0				0	0	0	5,156
26	7,360	61.1	8.0	53.1	71	9.0	0	0	0	39	1	0	1	5	1	4,123	2	3	0	0				2	2	0	5,158
27	7,330	60.9	8.1	52.8	71	9.0	8	0	8	47	1	1	0	6	5	4,128	2	5	0	0				4	3	1	5,162
28	7,240	61.4	8.9	52.5	71	9.0	13	1	12	60	1	0	1	7	8	4,136	0	5	0	0				4	4	0	5,166
29	7,300	61.3	8.8	52.5	71		10	1	9	70	2	1	1	9	7	4,143	1	6	0	0				3	2	1	5,169
30	7,360						4	2	2	74	5	1	4	14	7	4,150	1	7	0	0				4	3	1	5,173
31	7,480						5	2	3	79	3	1	2	17	7	4,157	1	8	2	2				3	3	0	5,176

WILLAMETTE FALLS FISHWAY COUNTS

Year: 2019
 Month: October

Date	Hydrological Data						Fall Chinook									Coho				Steelhead							
							Adult			Jack			Mini Jack			Adult		Jack		Winter			Summer				
	Flow	HW	TW	Diff	Temp	Vis	Daily			Cum.	Daily			Cum.	Daily	Cum.	Daily	Cum.	Daily			Cum.	Daily			Cum.	
	Total	Clipped	Unclip	1,371	Total	Clipped	Unclip	290	Daily	Cum.	Daily	Cum.	Daily	Cum.	Daily	Cum.	Total	Clipped	Unclip	Total	Clipped	Unclip	5,280				
1	9,090	61.3	9.9	51.4	61	9.0	9	0	9	1,380	2	0	2	292	0	4,331	321	3,998	32	909				0	0	0	5,280
2	8,860	61.4	9.9	51.5	60	9.2	1	0	1	1,381	0	0	0	292	0	4,331	212	4,210	20	929				3	0	3	5,283
3	8,540	61.2	9.7	51.5	58	9.2	2	0	2	1,383	0	0	0	292	0	4,331	216	4,426	6	935				1	1	0	5,284
4	8,600						2	0	2	1,385	0	0	0	292	0	4,331	182	4,608	16	951				0	0	0	5,284
5	8,920						13	3	10	1,398	0	0	0	292	0	4,331	135	4,743	17	968				1	1	0	5,285
6	8,990						14	0	14	1,412	-1	0	-1	291	0	4,331	136	4,879	14	982				2	2	0	5,287
7	8,890	61.3	10.0	51.3	57	9.0	12	0	12	1,424	2	0	2	293	0	4,331	110	4,989	17	999				1	0	1	5,288
8	8,790	61.3	9.8	51.5	57	9.2	4	0	4	1,428	0	0	0	293	0	4,331	77	5,066	6	1,005				2	1	1	5,290
9	8,600	61.3	9.7	51.6	57	9.2	3	0	3	1,431	0	0	0	293	0	4,331	141	5,207	23	1,028				0	0	0	5,290
10	8,760	61.5	9.9	51.6	56	9.2	4	0	4	1,435	0	0	0	293	0	4,331	209	5,416	16	1,044				3	2	1	5,293
11	8,860	61.6	10.0	51.6	56	9.4	3	0	3	1,438	0	0	0	293	0	4,331	133	5,549	22	1,066				5	5	0	5,298
12	9,410						8	2	6	1,446	2	0	2	295	0	4,331	117	5,666	21	1,087				1	1	0	5,299
13	9,510						4	0	4	1,450	0	0	0	295	0	4,331	70	5,736	10	1,097				4	0	4	5,303
14	9,550	61.3	10.2	51.1	56	8.5	2	0	2	1,452	0	0	0	295	0	4,331	68	5,804	22	1,119				7	2	5	5,310
15	9,510	61.3	10.3	51.0	55	8.5	2	0	2	1,454	0	0	0	295	0	4,331	68	5,872	13	1,132				3	1	2	5,313
16	9,300	61.2	10.3	50.9	55	8.0	1	0	1	1,455	0	0	0	295	0	4,331	36	5,908	4	1,136				5	2	3	5,318
17	9,400	61.3	10.4	50.9	55	6.0	0	0	0	1,455	0	0	0	295	0	4,331	81	5,989	28	1,164				3	2	1	5,321
18	10,200	61.4	10.6	50.8	55	5.8	2	0	2	1,457	0	0	0	295	0	4,331	88	6,077	16	1,180				1	1	0	5,322
19	11,600						2	0	2	1,459	0	0	0	295	0	4,331	208	6,285	57	1,237				8	4	4	5,330
20	14,900						5	0	5	1,464	0	0	0	295	0	4,331	291	6,576	41	1,278				4	3	1	5,334
21	14,300	61.4	15.7	45.7	55	5.2	1	0	1	1,465	0	0	0	295	0	4,331	157	6,733	8	1,286				3	2	1	5,337
22	12,900	62.0	14.8	47.2	55	5.2	1	0	1	1,466	0	0	0	295	0	4,331	112	6,845	5	1,291				5	1	4	5,342
23	12,800	61.2	14.2	47.0	55	5.0	0	0	0	1,466	0	0	0	295	0	4,331	84	6,929	13	1,304				4	1	3	5,346
24	12,000	61.0	14.2	46.8	55	4.2	0	0	0	1,466	0	0	0	295	0	4,331	99	7,028	9	1,313				3	0	3	5,349
25	11,400	61.0	14.2	46.8	55	5.2	0	0	0	1,466	0	0	0	295	0	4,331	60	7,088	12	1,325				4	0	4	5,353
26	10,700	61.2	13.9	47.3	54	4.5	0	0	0	1,466	0	0	0	295	0	4,331	43	7,131	10	1,335				4	0	4	5,357
27	10,400						0	0	0	1,466	0	0	0	295	0	4,331	36	7,167	6	1,341				3	1	2	5,360
28	10,400	61.1	11.7	49.4	53	4.5	0	0	0	1,466	0	0	0	295	0	4,331	11	7,178	5	1,346				1	0	1	5,361
29	10,100	61.0	11.4	49.6	53	4.5	0	0	0	1,466	0	0	0	295	0	4,331	4	7,182	-1	1,345				0	0	0	5,361
30	9,880	61.1	10.9	50.2	50	4.8	0	0	0	1,466	0	0	0	295	0	4,331	2	7,184	2	1,347				1	0	1	5,362
31	9,680	60.9	10.8	50.1	49	5.6	0	0	0	1,466	0	0	0	295	0	4,331	4	7,188	4	1,351				5	1	4	5,367

WILLAMETTE FALLS FISHWAY COUNTS

Year: 2019
 Month: December

Date	Hydrological Data						Fall Chinook									Coho				Steelhead								
							Adult			Jack			Mini Jack			Adult		Jack		Winter			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	Cum.	Total		Cum.	Total	Clipped		Unclip	Total
1	7,850						0	0	0	1,471	0	0	0	295	0	4,331	1	7,385	0	1,387	0	0	0	22				
2	7,820	60.9	9.2	51.7	41	9.0	0	0	0	1,471	0	0	0	295	0	4,331	0	7,385	0	1,387	0	0	0	22				
3	7,720	60.9	9.4	51.5	40	9.0	0	0	0	1,471	0	0	0	295	0	4,331	1	7,386	0	1,387	0	0	0	22				
4	7,660						0	0	0	1,471	0	0	0	295	0	4,331	0	7,386	0	1,387	0	0	0	22				
5	7,600	60.9	9.2	51.7	40	9.2	0	0	0	1,471	0	0	0	295	0	4,331	2	7,388	2	1,389	0	0	0	22				
6	7,360	60.9	8.1	52.8	40	9.2	0	0	0	1,471	0	0	0	295	0	4,331	1	7,389	0	1,389	0	0	0	22				
7	7,540						0	0	0	1,471	0	0	0	295	0	4,331	4	7,393	1	1,390	0	0	0	22				
8	7,820						0	0	0	1,471	0	0	0	295	0	4,331	2	7,395	-3	1,387	3	0	3	25				
9	8,060	61.4	10.3	51.1	42	7.3	0	0	0	1,471	0	0	0	295	0	4,331	4	7,399	1	1,388	2	0	2	27				
10	7,720	61.2	10.1	51.1	42	7.3	0	0	0	1,471	0	0	0	295	0	4,331	-1	7,398	0	1,388	4	0	4	31				
11	8,000	61.1	10.2	50.9	42	7.3	0	0	0	1,471	0	0	0	295	0	4,331	-1	7,397	-1	1,387	1	0	1	32				
12	8,510	61.0	10.6	50.4	44	7.5	0	0	0	1,471	0	0	0	295	0	4,331	8	7,405	5	1,392	3	0	3	35				
13	11,500	61.0	12.2	48.8	44	7.6	0	0	0	1,471	0	0	0	295	0	4,331	14	7,419	-3	1,389	8	0	8	43				
14	13,700						0	0	0	1,471	0	0	0	295	0	4,331	8	7,427	-2	1,387	4	0	4	47				
15	13,200						0	0	0	1,471	0	0	0	295	0	4,331	10	7,437	1	1,388	3	0	3	50				
16	12,400	60.9	14.7	46.2	45	3.8	0	0	0	1,471	0	0	0	295	0	4,331	3	7,440	1	1,389	3	0	3	53				
17	11,600	61.0	14.2	46.8	45	3.8	0	0	0	1,471	0	0	0	295	0	4,331	2	7,442	0	1,389	4	0	4	57				
18	10,900	61.0	13.8	47.2	44	4.0	0	0	0	1,471	0	0	0	295	0	4,331	1	7,443	0	1,389	0	0	0	57				
19	10,600	60.9	13.1	47.8	43	4.5	0	0	0	1,471	0	0	0	295	0	4,331	0	7,443	0	1,389	6	0	6	63				
20	12,000	61.0	13.9	47.1	43	4.5	0	0	0	1,471	0	0	0	295	0	4,331	1	7,444	1	1,390	2	0	2	65				
21	20,000						0	0	0	1,471	0	0	0	295	0	4,331	3	7,447	-1	1,389	14	0	14	79				
22	23,600						0	0	0	1,471	0	0	0	295	0	4,331	6	7,453	0	1,389	3	0	3	82				
23	24,000	62.4	19.0	43.4	44	<1.0	0	0	0	1,471	0	0	0	295	0	4,331	0	7,453	0	1,389	0	0	0	82				
24	22,200	61.8	18.3	43.5	44	<1.0	0	0	0	1,471	0	0	0	295	0	4,331	1	7,454	0	1,389	6	0	6	88				
25	19,600						0	0	0	1,471	0	0	0	295	0	4,331	0	7,454	0	1,389	2	0	2	90				
26	17,100						0	0	0	1,471	0	0	0	295	0	4,331	0	7,454	0	1,389	5	0	5	95				
27	15,100	60.8	15.4	45.4	43	<1.0	0	0	0	1,471	0	0	0	295	0	4,331	0	7,454	0	1,389	-1	0	-1	94				
28	13,700						0	0	0	1,471	0	0	0	295	0	4,331	0	7,454	0	1,389	2	0	2	96				
29	12,400						0	0	0	1,471	0	0	0	295	0	4,331	0	7,454	0	1,389	10	0	10	106				
30	11,900	60.8	12.2	48.6	42	2.5	0	0	0	1,471	0	0	0	295	0	4,331	0	7,454	0	1,389	16	0	16	122				
31	11,400	60.8	12.1	48.7	42	2.5	0	0	0	1,471	0	0	0	295	0	4,331	0	7,454	0	1,389	6	0	6	128				