

Steelhead Historical Database

WDFW Fish Mgmt HQ, 600 Capitol Way N, Olympia 98501, (360) 902-2820/2817

Klickitat River Summer-run Steelhead

WDFW District 9, 2108 Grand Blvd, Vancouver 98661, (360) 906-6746

1May-30Apr

Smolt

Revised: 05-10-06

Return Year	Sport Harvest (1May-31Oct)			Tribal Harvest (1May-31Oct)			Escapement			Total Runsize			~May Release Return N+2	Comments	
Year	Hatchery	Wild	H&W Total	Hatchery	Wild	H&W Total	Hatchery	Wild	H&W Total	Hatchery	Wild	H&W Total			
1977/78															Escapement goal = 2,965
1978			2,442						3,670						
1979			2,660						4,053						Wild river entry: E. May - L. Nov
1980			1,485						2,236						Wild spawn: E. Mar - E. Jun
1981			3,972			1,020			5,972			10,964			
1982			1,537			1,404			2,319			5,260	103,842		Segregated harvest hatchery program
1983			883			836			1,335			3,054	79,302		Apr - Sep Skamania Hatchery collection, local, hatchery
1984			1,980			499			3,049			5,528	150,291		
1985			886			688			1,364			2,938	80,053		
1986	1,386	52	1,438			2,883							128,087		WSR in 1986
1987	1,307	34	1,341			451							56,500		
1988	1,630	0	1,630			811							60,300		
1989	767	0	767										107,000		
1990	992	0	992										50,000		
1991	764	4	768										115,800		1992 SaSSI stock status Unknown
1992	1,162	22	1,184			N/A							120,400		(tribal harvest not separated from Columbia total)
1993	1,185	19	1,204			N/A							116,600		(tribal harvest not separated from Columbia total)
1994	807	28	835			595							80,700		
1995	832	3	835			482							80,800		
1996	585	14	599			272							126,500		
1997	1,011	18	1,029			500							119,100		
1998	545	9	554			259							124,900		
1999	572	28	600			59							123,700		
2000	1,310	59	1,369			162							118,500		
2001	3,479	12	3,491			172							101,800		2002 SaSI stock status Unknown
2002	3,048	92	3,140			158							99,900		
2003	1,408	18	1,426			125							103,200		
2004	1,459	3	1,462												
2005															
2006															
2007															
2008															

Steelhead Historical Database

WDFW Fish Mgmt HQ, 600 Capitol Way N, Olympia 98501, (360) 902-2820/2817

Klickitat River Summer-run (and Winter?) Steelhead

WDFW District 9, 2108 Grand Blvd, Vancouver 98661, (360) 906-6746

WRIA 30.0002

Klickitat and Yakima Counties

Example: Hatchery smolt releases during the spring of 1982 will produce the majority of adults returning for the 1983-84 winter and 1984 summer harvest seasons

Revised: 05-10-06

1May-30Apr

Smolt

Return Year (N)	Sport Harvest (1May-30Apr)			Tribal Harvest (1May-30Apr)			Escapement			Total Runsize			~May Release Return N+2	Comments
	Hatchery	Wild	H&W Total	Hatchery	Wild	H&W Total	Hatchery	Wild	H&W Total	Hatchery	Wild	H&W Total		
1977/78														
1978			2,442						3,670					Currently two SaSI stocks SSH EG = 2,965 Interim Abundance Target = 3,600
1979			2,660						4,053					
1980			1,485						2,236					
1981			3,972			1,020			5,972			10,964		
1982			1,537			1,404			2,319			5,260	103,842	All smolt plants are summer run (Skamania stock)
1983			883			836			1,335			3,054	79,302	
1984			1,980			499			3,049			5,528	150,291	
1985			886			688			1,364			2,938	80,053	
1986	1,426	54	1,480			2,883							128,087	WSR in 1986
1987	1,480	34	1,514			451							56,500	No WSH harvest season
1988	1,718	0	1,718										60,300	
1989	833	0	833										107,000	
1990	1,055	0	1,055										50,000	
1991	823	8	831										115,800	
1992	1,260	0	1,260			N/A							120,400	1992 SaSSI status Unknown for both stocks (tribal harvest not separated from Columbia total)
1993	1,211	25	1,236			N/A							116,600	(tribal harvest not separated from Columbia total)
1994	857	34	891			847							80,700	
1995	864	9	873			494							80,800	
1996	608	14	622			307							126,500	
1997	1,062	18	1,080			504							119,100	
1998	650	12	662			259							124,900	
1999	575	28	603			62							123,700	
2000	1,433	59	1,492			172							118,500	
2001	3,708	16	3,724			172							101,800	2002 SaSI status Unknown for both stocks
2002	3,552	97	3,649			158							99,900	All data is carried as summer-run steelhead
2003	1,629	22	1,651			125							103,200	No definitive evidence for separate WSH stock
2004	1598+	10+	1608+											
2005														
2006														
2007														
2008														

Catch Record Card (CRC) reporting season change:
 Prior to 2000: 1 May to 30 April CRC year
 Year 2000: 1 May to 31 Mar CRC year
 2001 and on: 1 April to 31 March CRC year

The majority of Mid-Columbia and all Upper Columbia and Snake River system steelhead are summer-runs.

Steelhead Historical Database

WDFW Fish Mgmt HQ, 600 Capitol Way N, Olympia 98501, (360) 902-2820/2817

Little White Salmon River and Drano Lake Summer-run Steelhead (Inland - Columbia)

WDFW District 9, 2108 Grand Blvd, Vancouver 98661, (360) 906-6746

1May-30Apr													Smolt	Comments
Return Year	Sport Harvest (1May-30Apr)			Tribal Harvest (1May-30Apr)			Escapement			Total Runsize			~May Release Return N+2	
	Hatchery	Wild	H&W Total	Hatchery	Wild	H&W Total	Hatchery	Wild	H&W Total	Hatchery	Wild	H&W Total		
1977/78														
1978			166											No EG set No SaSI stock
1979			33											
1980			87											
1981			300											Falls @ R.M. 1.3 Diversion dam @ R.M. 1
1982			22											
1983			21											Size restriction (Drano)
1984			805											
1985			1,506											WSR in 1985 (Drano)
1986	2,247	43	2,290											
1987	1,614	775	2,389											
1988	1,208	0	1,208											
1989	2,305	0	2,305											
1990	1,996	0	1,996											
1991	3,171	0	3,171											
1992	4,675	162	4,837											
1993	2,230	50	2,280											
1994	2,640	45	2,685											
1995	3,684	61	3,745											
1996	1,709	54	1,763											
1997	4,267	92	4,359										0	
1998	2,931	30	2,961										51,400	Began smolt releases to Drano Lake
1999	2,718	49	2,767										43,600	Sport totals are Nov. thru Mar. + Apr. of next CRC year
2000	8,175	146	8,321										19,800	
2001	10,692	101	10,793										21,600	
2002	6,201	29	6,131										0	
2003	7961+	63+	8028+										14,222	
2004														
2005														Catch Record Card (CRC) reporting season change:
2006														Prior to 2000: 1 May to 30 April CRC year
2007														Year 2000: 1 May to 31 Mar CRC year
2008														2001 and on: 1 April to 31 March CRC year

The majority of Mid-Columbia and all Upper Columbia and Snake River system steelhead are summer-runs.

Steelhead Historical Database

WDFW Fish Mgmt HQ, 600 Capitol Way N, Olympia 98501, (360) 902-2820/2817

Touchet River Summer-run Steelhead (Inland - Columbia)

WDFW District 3, 529 W Main St, Dayton 98328, (509) 382-1005

WRIA 32.0097

Walla Walla County

Example: Hatchery smolt releases during the spring of 1983 will produce the majority of adults returning for the 1984-85 winter and 1985 summer harvest seasons

1May-30Apr

Smolt

Revised: 09-28-05

Return Year (N)	Sport Harvest (1May-30Apr)			Tribal Harvest (1May-30Apr)			Escapement			Total Runsize			~May Release Return N+2	Comments
	Hatchery	Wild	H&W Total	Hatchery	Wild	H&W Total	Hatchery	Wild	H&W Total	Hatchery	Wild	H&W Total		
1977/78			76											
1978			8											No EG set
1979			160											
1980			140											Wild river entry: E. Dec - L. Mar Wild spawn: E. Feb - L. May
1981			100											
1982			69											
1983			121										122,800	Index area escapements. Therefore, runsize calculations reflect unexpanded minimums
1984			158											
1985			464										126,300	
1986	282	9	291										155,600	WSR since 1985
1987	207	12	219				24	278	302	231	290	521	136,700	Integrated and segregated harvest hatchery programs
1988	231	0	231				73	837	910	304	837	1,141	170,700	Sep - M. Nov local hatchery stock from Lyons Ferry
1989	505	0	505				16	178	194	521	178	699	158,500	for segregated program
1990	334	0	334				24	276	300	358	276	634	116,300	
1991	380	6	386				14	161	175	394	167	561	148,500	
1992	217	0	217				27	311	338	244	311	555	95,500	1992 SaSSI status: Depressed
1993	205	0	205				31	402	433	236	402	638	111,000	
1994	299	14	313				16	298	314	315	312	627	119,600	
1995	635	15	650				80	323	403	715	338	1,053	145,300	
1996	285	4	289										134,600	
1997	481	4	485										142,800	
1998	513	0	513				44	395	439	557	395	952	125,100	
1999	151	6	157				38	226	264	189	232	421	124,700	
2000	150	18	168				47	181	228	197	199	396	124,700	
2001	440	15	455				47	211	258	487	226	713	130,200	
2002	859	0	859										170,600	2002 SaSI status: Depressed
2003	237+	0	237+										131,885	
2004							27	154	181					
2005														
2006														
2007														
2008														

Catch Record Card (CRC) reporting season change:
 Prior to 2000: 1 May to 30 April CRC year
 Year 2000: 1 May to 31 Mar CRC year
 2001 and on: 1 April to 31 March CRC year

The majority of Mid-Columbia and all Upper Columbia and Snake River system steelhead are summer-runs.
 Wild sport harvest may be inaccurately recorded on catch record cards, also affecting the runsize calculations - G. Mendel, District 3.

Steelhead Historical Database

WDFW Fish Mgmt HQ, 600 Capitol Way N, Olympia 98501, (360) 902-2820/2817

Walla Walla River Summer-run Steelhead (Inland - Columbia) - *With Oregon Escapement Data*

WDFW District 3, 529 W Main St, Dayton 98328, (509) 382-1005

Example: Hatchery smolt releases during the spring of 1983 will produce the majority of adults returning for the 1984-85 winter and 1985 summer harvest seasons

1May-30Apr

Smolt

Revised: 09-28-05

Return Year	Sport Harvest (1May-30Apr)			Tribal Harvest (1May-30Apr)			Escapement			Total Runsize			~May Release Return N+2	Comments
	Hatchery	Wild	H&W Total	Hatchery	Wild	H&W Total	Hatchery	Wild	H&W Total	Hatchery	Wild	H&W Total		
1977/78			340											
1978			60											No EG set
1979			406											Interim Abundance Target = 2600
1980			271											Wild river entry: Sep - E. May
1981			375											Wild spawn: E. Feb - L. May
1982			205											
1983			342										120,100	Sport harvest for Washington streams in system
1984			686											Sport harvest includes Mill Creek
1985			1,981										115,200	WSR 1985
1986	1,492	132	1,624										164,600	
1987	825	14	839										151,100	Smolt release total does not include Touchet
1988	1,171	0	1,171										233,000	Segregated harvest hatchery program
1989	1,751	0	1,751										127,700	Sep - M. Nov local hatchery stock from Lyons Ferry
1990	1,508	0	1,508										162,400	
1991	507	12	519										228,800	
1992	952	32	984										75,200	1992 SaSSI stock status: Depressed
1993	1,027	15	1,042				2	815	817				61,200	<i>Escapement data is for the Oregon portion of the Walla Walla River upstream of Nursery Bridge Trap</i>
1994	414	26	440				1	535	536				206,000	
1995	1,530	40	1,570				5	430	435				174,100	
1996	1,564	65	1,629				7	358	365				190,000	
1997	1,925	25	1,950				5	292	297				192,900	
1998	298	0	298				3	378	381				175,100	
1999	533	16	549				1	279	280				176,000	
2000	1,007	22	1,029				13	514	527				165,500	
2001	1,969	50	2,019					700	700				104,000	
2002	718	22	740										99,900	2002 SaSI stock status: Unknown
2003	433+	29+	462+										102,975	
2004														
2005														
2006														Catch Record Card (CRC) reporting season change:
2007														Prior to 2000: 1 May to 30 April CRC year
2008														Year 2000: 1 May to 31 Mar CRC year
														2001 and on: 1 April to 31 March CRC year

The majority of Mid-Columbia and all Upper Columbia and Snake River system steelhead are summer-runs.

Wild sport harvest may be inaccurately recorded (probably hatchery steelhead) on catch record cards, also affecting the runsize proportion calculations - G. Mendel, District 3.

Steelhead Historical Database

WDFW Fish Mgmt HQ, 600 Capitol Way N, Olympia 98501, (360) 902-2820/2817

White Salmon River (Big) Summer-run Steelhead

WDFW District 9, 2108 Grand Blvd, Vancouver 98661, (360) 906-6746

WRIA 29.0160

Klickitat County

Example: Hatchery smolt releases during the spring of 1983 will produce the majority of adults returning for the 1984-85 winter and 1985 summer harvest seasons

1May-30Apr

Smolt

Revised: 09-29-05

Return Year (N)	Sport Harvest (1May-31Oct)			Tribal Harvest (1May-31Oct)			Escapement			Total Runsize			Smolt Return N+2	Comments
	Hatchery	Wild	H&W Total	Hatchery	Wild	H&W Total	Hatchery	Wild	H&W Total	Hatchery	Wild	H&W Total		
1977/78			154											
1978			624											No EG set
1979			738											
1980			713											
1981			1,304											
1982			1,188											
1983			1,173										21,000	
1984			1,855											
1985			3,456										10,000	
1986	2,856	78	2,934										19,800	WSR in 1986
1987	2,335	1,426	3,761										10,000	
1988	2,773	0	2,773										0	
1989	2,346	0	2,346										5,100	
1990	1,063	4	1,067										9,800	
1991	1,719	2	1,721										50,200	
1992	3,731	0	3,731										0	1992 SaSSI status: Depressed
1993	1,335	0	1,335										31,200	
1994	2,121	26	2,147										0	
1995	2,652	33	2,685										0	
1996	2,454	38	2,492										29,900	
1997	1,747	29	1,776										0	
1998	1,055	18	1,073										13,800	
1999	1,102	19	1,121										30,600	
2000	2,075	60	2,135										0	
2001	8,363	48	8,411											
2002	2,971	11	2,982											2002 SaSI status: Unknown
2003	4,446	47	4,493											
2004														
2005														
2006														
2007														
2008														

Steelhead Historical Database

WDFW Fish Mgmt HQ, 600 Capitol Way N, Olympia98501, (360) 902-2820/2817

White Salmon River (Big) Winter-run Steelhead

WDFW District 9, 2108 Grand Blvd, Vancouver 98661, (360) 906-6746

WRIA 29.0160

Klickitat County

Example: Hatchery smolt releases during the spring of 1985 will produce the majority of adults returning for the 1986-87 winter and 1987 summer harvest seasons

Revised: 09-29-05

1May-30Apr

Smolt

Return Year (N)	Sport Harvest (1Nov-30Apr)			Tribal Harvest (1Nov-30Apr)			Escapement			Total Runsize			-May Release Return N+2	Comments
	Hatchery	Wild	H&W Total	Hatchery	Wild	H&W Total	Hatchery	Wild	H&W Total	Hatchery	Wild	H&W Total		
1977/78			9											
1978/79			12											
1979/80			9											
1980/81			13											
1981/82			14											
1982/83			3											
1983/84			133										0	
1984/85			336										0	
1985/86			81										10,000	
1986/87	110	63	173										35,400	WSR in 1986
1987/88	143	53	196										0	
1988/89	120	26	146										0	
1989/90	110	38	148										0	
1990/91	47	10	57										9,900	Segregated harvest hatchery program
1991/92	25	2	27										38,000	Nov - Jan local hatchery from Skamania
1992/93	113	0	113										41,300	1992 SaSSI stock status: Depressed
1993/94	137	0	137										34,300	
1994/95	81	19	100										39,700	
1995/96	25	0	25										40,200	
1996/97	5	0	5										45,000	
1997/98	6	0	6										41,900	
1998/99	50	0	50										40,200	
1999/00	94	0	94										25,700	
2000/01	67	0	67										16,500	
2001/02	315	17	332										23,900	
2002/03	128	0	128										20,200	2002 SaSI stock status: Unknown
2003/04	104+	0+	104+										23,517	
2004/05														
2005/06														
2006/07														
2007/08														
2008/09														

Catch Record Card (CRC) reporting season change:
 Prior to 2000: 1 May to 30 April CRC year
 Year 2000: 1 May to 31 Mar CRC year
 2001 and on: 1 April to 31 March CRC year

Steelhead Historical Database

WDFW Fish Mgmt HQ, 600 Capitol Way N, Olympia 98501, (360) 902-2820/2817

Yakima System Summer-run Steelhead (Inland - Columbia)

WRIA 37.0002

Yakima/Benton/Kittitas Counties

WDFW District 8, 1701 S 24th Ave, Yakima 98902, (509) 457-9316

Example: Hatchery smolt releases during the spring of 1980 will produce the majority of adults returning for the 1981-82 winter and 1982 summer harvest seasons

1May-30Apr

Smolt

Revised: 07-25-05

Return Year (N)	Sport Harvest (1May-30Apr)			Tribal Harvest (1May-30Apr)			Escapement			Total Runsize*			~May Release Return N+2	Comments
	Hatchery	Wild	H&W Total	Hatchery	Wild	H&W Total	Hatchery	Wild	H&W Total	Hatchery	Wild	H&W Total		
1977/78														EG = 3,000
1978														*Data is based on SH counts at Prosser Dam
1979														Wild river entry: E. Sep - L. May
1980													77,140	Wild spawn: E. Mar - E. Jun
1981													52,216	Pre-1985 exploitation rate calculation
1982													64,810	
1983			756	6	22	28			356	229	911	1,140	49,289	
1984			1,481	4	20	24			689	219	1,975	2,194	88,484	
1985			702	0	5	5			1,408	223	2,012	2,235	108,630	120 wild broodstock (subtracted from escapement)
1986	480	34	514	1	5	6			1,822	481	1,984	2,465	85,395	123 Wild Steelhead Release beginning 1986
1987	370	25	395	0	0	0			2,365	370	2,470	2,840	56,385	80
1988	142	0	142	0	3	3			864	142	1,020	1,162	97,915	153
1989	121	0	121	7	38	45			539	128	686	814	56,000	109
1990	28	0	28	0	0	0	52	730	782	104	730	834	0	24 (9 wild, 15 hatchery)
1991	120	26	146	0	2	2	83	2,010	2,093	251	2,012	2,263	82,800	22 (0 wild, 22 hatchery)
1992	51	21	72	0	0	0	0	1,089	1,089	80	1,104	1,184	44,900	23 (15 wild, 8 hatchery)
1993	3	0	3	0	0	0	11	540	551	14	540	554	24,300	1992 SaSSI status: Depressed
1994	0	0	0	0	0	0	87	838	925	87	838	925	0	Closed to Steelhead harvest 1994+
1995	5	0	5	2	13	15	49	436	485	54	451	505	0	
1996	0	0	0	0	0	0	145	961	1,106	145	961	1,106	0	
1997	50	0	50	0	0	0	115	948	1,063	165	948	1,113	0	
1998	12	0	12	0	0	0	40	1,018	1,058	52	1,018	1,070	0	
1999	0	0	0	0	0	0	40	1,571	1,611	40	1,571	1,611	0	
2000	0	0	0	0	8	8	57	3,024	3,081	57	3,032	3,089	0	
2001	0	0	0	0	11	11	34	4,480	4,514	34	4,491	4,525	0	
2002	0	0	0	0	0	0	45	2,190	2,235	45	2,190	2,235	0	2002 SaSI status: Depressed
2003	0	0	0	0	0	0	16	2,739	2,755	16	2,739	2,755	0	Catch Record Card (CRC) reporting season change:
2004										74	3,314	3,388		Prior to 2000: 1 May to 30 April CRC year
2005														Year 2000: 1 May to 31 Mar CRC year
2006														2001 and on: 1 April to 31 March CRC year
2007														
2008														Aug '05: Yakima system to be broken out into 4 stocks: Toppenish, Satus, Naches and Upper Yakima

The majority of Mid-Columbia and all Upper Columbia and Snake River system steelhead are summer-runs.

*Total runsize is based on counts at Prosser Dam