

# Steelhead Historical Database

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

## Abernathy Creek Summer-run Steelhead

WRIA 25.0297

Cowlitz County

WDFW District 10, 2108 Grand Blvd, Vancouver 98661, (360) 906-6709

1May-30Apr

Smolt

Revised: 06-01-05

Return Year (N)	Sport Harvest (1May-31Oct)			Tribal Harvest (1May-31Oct)			Escapement			Total Runsize			Smolt -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			0										
1978			0										
1979			0										
1980			3										
1981			0										
1982			0										
1983			0										
1984			6										
1985			17										
1986	29	0	29										
1987	34	4	38										
1988	22	0	22										
1989	0	2	2										
1990	0	0	0										
1991	8	0	8										
1992	0	7	7										
1993	6	0	6										
1994	6	0	6										
1995	24	0	24										
1996	60	0	60										
1997	30	0	30										
1998	8	0	8										
1999	10	0	10										
2000	18	0	18										
2001	74	8	82										
2002	78	0	78										
2003	9	0	9										
2004													
2005													
2006													
2007													
2008													

Comments

No SSH smolt releases

No SaSI stock

# Steelhead Historical Database

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

## Abernathy Creek Winter-run Steelhead

WDFW District 10, 2108 Grand Blvd, Vancouver 98661, (360) 906-6709

WRIA 25.0297

Cowlitz County

Example: Hatchery smolt releases during the spring of 1977 will produce the majority of adults returning for the 1978-79 winter and 1979 summer harvest seasons

1May-30Apr

Smolt

Revised: 06-01-05

Return Year (N)	Sport Harvest (1Nov-30Apr)			Tribal Harvest (1Nov-30Apr)			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														
1978/79			52											EG=306
1979/80			88											
1980/81			49											Wild river entry: E. Dec - L. Apr
1981/82			79											Wild spawn: E. Mar - E. Jun
1982/83			81											
1983/84			94											
1984/85			115											
1985/86			66											
1986/87	111	46	157											
1987/88	60	48	108											
1988/89	45	44	89										5,900	Integrated recovery research project
1989/90	101	49	150										6,300	
1990/91	30	0	30					280			280		5,000	
1991/92	71	2	73					246			248		8,500	1992 SaSSI status Depressed
1992/93	83	0	83					88			88		5,200	
1993/94	32	0	32					58			58		7,600	
1994/95	14	0	14					34			34		7,200	
1995/96	16	0	16					16			16		5,000	
1996/97	4	0	4					64			64		5,100	
1997/98	4	0	4					146			146		10,000	Flight data corrected escapements
1998/99	5	0	5					78			78		5,000	
1999/00	18	1	19					216			217		4,000	Sport totals are Nov. thru Mar. + Apr. of next year
2000/01	12	0	12					206			206		0	Research project terminated
2001/02	78	13	91					196			209		0	2002 SaSI status Depressed
2002/03	4	0	4					240			240		0	
2003/04	24+	0+	24+					218						
2004/05														
2005/06														Catch Record Card (CRC) reporting season change:
2006/07														Prior to 2000: 1 May to 30 April CRC year
2007/08														Year 2000: 1 May to 31 Mar CRC year
2008/09														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

## Bear River Winter-run Steelhead

WRIA 24.0036

Pacific County

WDFW District 17, 48 Devonshire Rd, Montesano 98563, (360) 249-4628

1May-30Apr

Smolt

Revised: 09-26-05

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													0	No EG
1978/79														
1979/80														
1980/81														Wild river entry: E. Dec - L. May Wild spawn: E. Feb - E. Jun
1981/82														
1982/83														No record of hatchery releases
1983/84														Intended as a Wild Management Zone
1984/85														
1985/86														
1986/87	3	64	67											
1987/88	0	22	22											
1988/89	0	2	2											
1989/90	4	4	8											
1990/91	0	6	6											
1991/92	0	2	2											
1992/93	0	0	0											1992 SaSSI status: Unknown
1993/94	0	6	6											
1994/95	0	8	8											
1995/96	0	12	12					255			267			
1996/97	6	0	6					89			89			
1997/98	3	0	3					236			236			
1998/99	0	0	0					266			266			
1999/00	3	0	3					1,276			1,276			
2000/01	0	4	4					477			481			
2001/02	3	12	15					283			295			2002 SaSI status: Healthy
2002/03	0	0	0					278			278			
2003/04	0+	0+	0+					461					0	
2004/05														
2005/06														Catch Record Card (CRC) reporting season change:
2006/07														Prior to 2000: 1 May to 30 April CRC year
2007/08														Year 2000: 1 May to 31 Mar CRC year
2008/09														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

## Chehalis River Winter-run Steelhead

WDFW District 17, 48 Devonshire Rd, Montesano 98563, (360) 249-4628

WRIA 22.0190

Grays Harbor County

Example: Hatchery smolt releases during the spring of 1998 will produce the majority of adults returning for the 1999-00 winter and 2000 summer harvest seasons

1May-30Apr

Smolt

Revised: 12-14-05

Return Year	Sport Harvest (1Nov-30Apr)			Tribal Harvest (1Nov-30Apr)			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														
1978/79			447										0	EG=2700
1979/80			1,129										0	
1980/81			332										0	Includes Black River and Cloquallum Creek
1981/82			823										0	(also harvest from Van Winkle and Cedar Creeks)
1982/83			907										0	
1983/84			695						3,084				0	Wild river entry: E. Dec - L. May
1984/85			1,023						2,818				0	Wild spawn: M. Feb - M. Jun
1985/86			701						3,322				0	
1986/87	367	619	986						3,682				0	
1987/88	346	483	829						2,264				0	
1988/89	145	380	525						2,392				0	
1989/90	151	336	487						2,596				0	
1990/91	114	288	402						1,584				0	
1991/92	428	541	969						1,888				0	1992 SaSSI stock status Healthy
1992/93	336	776	1,112						1,762				0	
1993/94	84	656	740						1,970				0	
1994/95	129	131	260						1,730				0	WSR 1/3/95
1995/96	367	30	397						1,564				0	
1996/97	340	9	349						1,913				0	
1997/98	268	6	274						998				0	
1998/99	162	47	209						2,620				15,200	Lower Chehalis smolt plant
1999/00	376	3	379						3,620				0	
2000/01	663	82	745						2,794				0	
2001/02	1,534	26	1,560						2,350				0	2002 SaSI stock status Healthy
2002/03	825	12	837						1,991				20,600	Van Winkle Cr. smolt plant
2003/04	1,191	4	1,195						3,704				42,000	
2004/05	1322+	10+	1332+										40,000	
2005/06														
2006/07														
2007/08														
2008/09														

**Tribal harvest:**

Tribal harvest is reported for the entire Chehalis System only

# Steelhead Historical Database

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

## Chehalis River System Summer-run Steelhead

WDFW District 17, 48 Devonshire Rd, Montesano 98563, (360) 249-4628

WRIA 22.0190 and 23.0190

Grays Harbor County

Example: Hatchery smolt releases during the spring of 1979 will produce the majority of adults returning for the 1980-81 winter and 1981 summer harvest seasons

Revised: 09-26-05

1May-30Apr

**Smolt**

Return Year (N)	Sport Harvest (1May-31Oct)			Tribal Harvest (1May-31Oct)			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													
1979			93			15							30,600
1980			669			18							47,600
1981			531			66							70,400
1982			570			42							67,600
1983			1,091			68							61,400
1984			958			6							64,400
1985			608			27							37,400
1986			534			28							67,100
1987			278			13							53,400
1988			325			18							57,200
1989			690			19							48,000
1990			636			162							48,100
1991	241	86	327			10							64,300
1992	259	25	284			95							39,800
1993	1,236	73	1,309			43							34,300
1994	816	37	853			97							70,000
1995	429	42	471			68							71,000
1996	1,077	19	1,096			138							48,100
1997	998	17	1,015			17							35,900
1998	478	6	484			143							39,600
1999	574	3	577			51							45,700
2000	1,141	10	1,151			91							41,800
2001	499	8	507			36							60,000
2002	1,170	16	1,186			128							107,500
2003	1,235	12	1,247										105,500
2004													22,000
2005													
2006													
2007													
2008													

No EG

Wild river entry: Unknown  
Wild spawn: Unknown

Lake Aberdeen Hatchery program  
Segregated harvest hatchery program  
M. Dec - Feb eggs, early, local adapted

Catches are total summer timed steelhead.  
Hatchery and wild are not separated.  
Probably all hatchery fish.

1992 SaSSI stock status Unknown

2002 SaSI stock status Unknown

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## Chehalis River System Winter-run Steelhead

WDFW District 17, 48 Devonshire Rd, Montesano 98563, (360) 249-4628

WRIA 22.0190 and 23.0190

Grays Harbor County

Example: Hatchery smolt releases during the spring of 1978 will produce the majority of adults returning for the 1979-80 winter and 1980 summer harvest seasons

1May-30Apr

Smolt

Revised: 12-14-05

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														
1978/79			1,172			3,377							172,798	
1979/80			1,725			3,600							133,174	
1980/81			900			3,096							147,756	
1981/82			1,267			2,282							166,153	
1982/83	624	639	1,263	1,370	1,108	2,478	595	4,710	5,305	2,589	6,457	9,046	144,994	
1983/84	893	293	1,186	616	604	1,220	450	9,095	9,545	1,959	9,992	11,951	152,157	
1984/85	779	1,095	1,874	1,617	1,064	2,681	714	10,583	11,297	3,110	12,742	15,852	332,726	
1985/86	1,832	428	2,260	2,345	1,845	4,190	1,246	13,558	14,804	5,423	15,831	21,254	347,844	
1986/87	2,385	1,742	4,127	2,574	2,550	5,124	1,479	13,262	14,741	6,438	17,554	23,992	281,800	
1987/88	2,061	1,298	3,359	2,481	3,208	5,689	1,354	6,381	7,735	5,896	10,887	16,783	303,500	
1988/89	1,260	878	2,138	2,949	2,779	5,728	1,255	7,110	8,365	5,464	10,767	16,231	336,748	
1989/90	1,949	858	2,807	3,002	2,124	5,126	1,476	9,010	10,486	6,427	11,992	18,419	357,999	
1990/91	1,058	765	1,823	881	859	1,740	578	7,781	8,359	2,517	9,405	11,922	204,100	
1991/92	2,339	1,182	3,521	1,523	1,146	2,669	1,152	7,652	8,804	5,014	9,980	14,994	159,990	
1992/93	1,439	1,668	3,107	975	522	1,497	720	5,904	6,624	3,134	8,094	11,228	265,680	
1993/94	999	1,147	2,146	465	1,034	1,499	474	8,391	8,865	1,938	10,572	12,510	352,630	
1994/95	1,712	489	2,201	420	589	1,009	747	8,713	9,460	2,879	9,791	12,670	343,812	
1995/96	3,340	653	3,993	562	530	1,092	2,057	6,783	8,840	5,959	7,966	13,925	333,727	
1996/97	2,778	76	2,854	704	565	1,269	2,702	5,689	8,391	6,184	6,330	12,514	378,085	
1997/98	1,835	59	1,894	156	205	361	1,898	5,964	7,862	3,889	6,228	10,117	289,413	
1998/99	1,299	107	1,406	194	188	382	1,142	10,720	11,862	2,635	11,015	13,650	284,292	
1999/00	4,086	82	4,168	96	116	212	914	11,678	12,592	5,096	11,876	16,972	280,149	
2000/01	3,725	143	3,868	780	801	1,581	1,318	9,802	11,120	5,823	10,746	16,569	303,419	
2001/02	7,955	63	8,018	1,185	664	1,849	2,568	10,440	13,008	11,708	11,167	22,875	359,790	
2002/03	5,729	99	5,828	1,181	1,376	2,557	2,025	8,424	10,449	8,935	9,899	18,834	350,450	
2003/04	7,743	72	7,815	3,526	2,895	6,421	2,760	15,825	18,585	14,029	18,792	32,821	362,015	
2004/05	4871+	30+	4901+	3,476	2,222	5,698		9,059			11311+			
2005/06														
2006/07														
2007/08														
2008/09														

System EG=8,600  
Hat EG=410  
Wild river entry: E. Dec - L. May  
Wild spawn: M. Feb - M. Jun

Segregated and integrated harvest hatchery programs  
Lake Aberdeen Hatchery - Segregated programs  
Bingham Creek and Skookumchuck - Integrated

Satsop, Skookumchuck and Newaukum WSR Jun 1, '94  
WSR for MS and SF Chehalis on Jan 3, 1995  
WSR for portions of system  
System WSR January, 1997

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

Tribal Harvest includes Quinault treaty harvest and Chehalis non-treaty harvest

# Steelhead Historical Database

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

## Elochoman River Summer-run Steelhead

WDFW District 10, 2108 Grand Blvd, Vancouver 98661, (360) 906-6709

WRIA 25.0236

Wahkialium 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:09-27-05

Return Year (N)	Sport Harvest (1May-31Oct)			Tribal Harvest (1May-31Oct)			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			24											No EG set No SaSI stock
1979			27											
1980			24											
1981			17											
1982			28										?	First hatchery release in 1982
1983			306										84,000	First returns in 1983-84
1984			600										N/A	
1985			1,280										10,000	
1986	1,135	6	1,141										34,300	
1987	174	2	176										16,900	Segregated harvest hatchery program
1988	324	3	327										25,700	Jun - Dec eggs from Merwin Hatchery
1989	183	0	183										23,100	
1990	565	0	565										9,900	
1991	359	0	359										22,500	
1992	244	9	253										24,000	
1993	292	3	295										23,800	
1994	257	9	266										14,300	
1995	116	15	131										78,000	
1996	101	1	102										19,200	
1997	215	5	220										28,900	
1998	89	0	89										24,300	
1999	94	0	94										28,100	
2000	289	0	289										52,300	
2001	518	4	522										0	
2002	160	0	160										35,000	
2003	54	0	54										27,860	
2004														
2005														
2006														
2007														
2008														

# Steelhead Historical Database

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## Elochoman River Winter-run Steelhead

WDFW District 10, 2108 Grand Blvd, Vancouver 98661, (360) 906-6709

WRIA 25.0236

Wahkiakum County

Example: Hatchery smolt releases during the spring of 1977 will produce the majority of adults returning for the 1978-79 winter and 1979 summer harvest seasons

1May-30Apr

Smolt

Revised: 09-23-05

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		
1976/77			1,411										96,947	
1977/78	2,288	763	3,051				522				2,810		93,988	EG=626
1978/79	1,804	602	2,406				751				2,555		102,018	
1979/80	3,491	1,164	4,655				675				4,166		115,894	
1980/81	2,862	954	3,816				1,111				3,973		99,984	Wild river entry: E. Dec - L. Apr Wild spawn: E. Mar - E. Jun
1981/82	1,503	501	2,004				588				2,091		109,175	
1982/83	2,211	740	2,951				655				2,866		120,870	Elochoman Hatchery program
1983/84	3,238	1,080	4,318				2,126				5,364		272,359	Beaver Creek Hatchery program closed 1999
1984/85			6,056				1,802						106,220	
1985/86			2,858				1,099						96,447	
1986/87	3,303	74	3,377				1,232				4,535		107,053	WSR in 1986
1987/88	1,366	23	1,389				553				1,919		110,023	
1988/89	1,709	2	1,711				771	280	1,051		2,480	282	2,762	Integrated and segregated harvest hatchery programs
1989/90	1,985	0	1,985				1,235	99	1,334		3,220	99	3,319	Nov - Feb local, hatchery broodstock (segregated)
1990/91	1,055	0	1,055				414	166	580		1,469	166	1,635	Local Natural spawners (integrated)
1991/92	1,915	15	1,930				426	278	704		2,341	293	2,634	Stock rated Depressed
1992/93	1,770	86	1,856				522	378	900		2,292	464	2,756	
1993/94	1,591	24	1,615				546	230	776		2,137	254	2,391	
1994/95	1,153	34	1,187				800	62	862		1,953	96	2,049	
1995/96	704	18	722				375	52	427		1,079	70	1,149	
1996/97	1,054	54	1,108				473	64	537		1,527	118	1,645	
1997/98	669	0	669				173	100	273		842	100	942	flight data corrected escapements
1998/99	645	9	654				682	90	772		1,327	99	1,426	
1999/00	840	37	877				445	402	847		1,285	439	1,724	
2000/01	668	13	681				249	392	641		917	405	1,322	
2001/02	2,928	48	2,976				3,728	232	3,960		6,656	280	6,936	Est -60 to experimental tanglenet fishery
2002/03	302	21	323				248	368	616		550	389	939	Stock rated Depressed
2003/04	713+	21+	734+				878	544	1,422				95,141	
2004/05														
2005/06														
2006/07														
2007/08														
2008/09														

Comments

EG=626

Wild river entry: E. Dec - L. Apr  
Wild spawn: E. Mar - E. Jun

Elochoman Hatchery program

Beaver Creek Hatchery program closed 1999

WSR in 1986

Integrated and segregated harvest hatchery programs

Nov - Feb local, hatchery broodstock (segregated)

Local Natural spawners (integrated)

Stock rated Depressed

flight data corrected escapements

Est -60 to experimental tanglenet fishery

Stock rated Depressed

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

### Hatchery Escapement

- 1) 1977/78 through 1991/92 from Byrne 1993.
- 2) 1992/93 through 1994/95 from Fuss et al. 1996
- 3) 1995/96 through 2003/04 from Adults\_Tickets database for Elochoman+Beaver Creek for total trapped.

### Hatchery Releases

- 1) All release data is for fish >=10 fish/pound released between March and June.
- 2) 1976 through 1994 from historical records from WDW for releases into the Elochoman River and Beaver Creek.
- 3) 1995 through 2002 from historical records from WDFW for releases into the Elochoman River and Beaver Creek.

### Sport Harvest

- 1) 1977/78 through 1983/84 estimates of sport catch in Kendra 1985 assumed 75% of hatchery origin probably derived from tagging studies in the 1962/63 season (see Randolph 1986). Didn't use because of uncertainty of applicability to time period 15-20 years later.
- 2) 2003/04 sport harvest does not include April 2004.

### Natural Escapement

- 1) Estimates are from SaSI based on expansion of redd counts in index areas.



# Steelhead Historical Database

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

## Germany Creek Winter-run Steelhead

WDFW District 10, 2108 Grand Blvd, Vancouver 98661, (360) 906-6709

WRIA 25.0313

Cowlitz County

Example: Hatchery smolt releases during the spring of 1981 will produce the majority of adults returning for the 1982-83 winter and 1983 summer harvest seasons

1May-30Apr

Smolt

Revised: 09-27-05

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			127											
1978/79			126											
1979/80			367											
1980/81			335											
1981/82			159										15,700	
1982/83			161											
1983/84			160										6,700	
1984/85			188										15,100	
1985/86			204										10,100	
1986/87	91	45	136										16,500	
1987/88	58	40	98										31,800	
1988/89	75	36	111										14,700	
1989/90	65	31	96										15,500	
1990/91	34	0	34										8,100	
1991/92	69	2	71										10,000	
1992/93	61	11	72					216				227	10,300	1992 SaSSI status Depressed
1993/94	35	0	35					108				108	10,200	
1994/95	42	3	45					42				45	11,500	
1995/96	12	20	32					40				60	5,000	
1996/97	26	3	29					46				49	10,500	
1997/98	6	0	6					90				90	7,000	Flight data corrected escapements
1998/99	15	5	20					110				115	5,300	
1999/00	1	1	2					164				165	0	
2000/01	15	0	15					252				252	0	
2001/02	6	18	24					158				176		2002 SaSI status Depressed
2002/03	0	0	0					102				102		
2003/04	16+	0+	16+					228						
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

## Grays River Winter-run Steelhead

WDFW District 10, 2108 Grand Blvd, Vancouver 98661, (360) 906-6709

WRIA 25.0131

Wahkiakum County

Example: Hatchery smolt releases during the spring of 1978 will produce the majority of adults returning for the 1979-80 winter and 1980 summer harvest seasons

1May-30Apr

Smolt

Revised: 09-27-05

Return Year (N)	Sport Harvest (1Nov-30Apr)			Tribal Harvest (1Nov-30Apr)			Escapement			Total Runsize			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			651											
1978/79			292										40,738	EG=1486
1979/80			760										41,052	Genetic Goal = 750
1980/81			678										50,347	Harvest excludes Deep River
1981/82			588										45,587	Restrictive seasons starting 1981
1982/83			565										50,243	
1983/84			478										29,893	Segregated harvest hatchery program
1984/85			1,031										47,099	Nov - Feb eggs from Elochoman Hatchery
1985/86			407										37,510	
1986/87	385	24	409										58,002	WSR in 1986
1987/88	401	17	418										65,240	
1988/89	354	0	354					441			441		44,430	Wild river entry: E. Dec - L. Apr
1989/90	402	0	402					525			525		45,025	Wild spawn: E. Mar - E. Jun
1990/91	193	0	193					716			716		29,900	
1991/92	671	2	673					1,224			1,226		40,200	1992 SaSSI status: Depressed
1992/93	348	18	366					1,086			1,104		48,000	
1993/94	129	16	145					704			720		44,900	
1994/95	64	0	64					256			256		31,600	
1995/96	96	4	100					329			333		28,400	
1996/97	122	4	126					158			162		49,600	
1997/98	14	4	18					775			779		47,000	Flight data corrected escapements
1998/99	153	0	153					441			441		42,700	
1999/00	287	14	301					1,064			1,078		27,200	
2000/01	269	0	269					1,130			1,130		43,600	
2001/02	593	34	627					724			758		0	Estimate -160 to experimental tanglenet fishery
2002/03	104	0	104					1,200			1,200		41,000	2002 SaSI status: Depressed
2003/04	424+	0+	424+					1,132			1,132		43,770	
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

## Hoquiam River Winter-run Steelhead

WDFW District 17, 48 Devonshire Rd, Montesano 98563, (360) 249-4628

WRIA 22.0138

Grays Harbor County

Example: Hatchery smolt releases during the spring of 1983 will produce the majority of adults returning for the 1978-85 winter and 1985 summer harvest seasons

1May-30Apr

Smolt

Revised: 09-27-05

Return Year	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			54			0							0	
1978/79			4			0							0	
1979/80			27			0							0	
1980/81			50			0							0	
1981/82			24			0							0	
1982/83			38			0							0	
1983/84			41			0		766					3,300	
1984/85			13			0		730					4,800	
1985/86			4			0		862					3,800	
1986/87	8	22	30			0		814			836		4,500	
1987/88	4	10	14			0		525			535		15,600	
1988/89	0	2	2			0		675			677		6,000	
1989/90	4	16	20			0		583			599		9,200	
1990/91	2	17	19			0		822			839		4,000	
1991/92	0	7	7			0		531			538		0	1992 SaSSI stock status Healthy
1992/93	4	16	20			0		580			596		4,400	
1993/94	11	22	33			0		469			491		8,100	(see note below for May, 1994 wild harvest)
1994/95	0	3	3			0		422			425		18,100	plus 3 'summer' wild (May, 1994 - last year winter run?)
1995/96	22	6	28			0		802			808		10,600	
1996/97	13	0	13			0		477			477		20,000	
1997/98	9	0	9			0		275			275		15,700	
1998/99	24	0	24			1		284			284		12,400	
1999/00	69	3	72			0		363			366		6,400	
2000/01	16	0	16			0		270			270		18,300	
2001/02	31	0	31			0		426			426		15,000	2002 SaSI stock status Depressed
2002/03	31	9	40			0		258			267		20,000	
2003/04	4+	0+	4+					950					?	
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

## Humptulips River Summer-run Steelhead

WDFW District 17, 48 Devonshire Rd, Montesano 98563, (360) 249-4628

WRIA 22.0004

Grays Harbor County

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: 09-27-05

Return Year	Sport Harvest (1May-31Oct)			Tribal Harvest (1May-31Oct)			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			3								No EG
1978			28			0								
1979			19			0								
1980			40			2							30,900	Wild river entry: E. May - L. Oct Wild spawn: Unknown
1981			50			4							17,200	
1982			196			17							40,400	Segregated harvest hatchery program
1983			123			2							28,400	M. Dec -Feb eggs from Lk Aberdeen early returns
1984			400			1							30,600	
1985			212			10							17,000	
1986	120	52	172			19							15,900	
1987	41	24	65			8							4,800	
1988	43	32	75			21							47,900	
1989	51	14	65			9							0	
1990	62	14	76			29							17,200	
1991	34	26	60			2							21,700	
1992	97	21	118			37							6,125	1992 SaSSI status: Unknown
1993	94	3	97			10							21,000	
1994	117	11	128			1							17,000	
1995	33	0	33			9							30,000	
1996	58	0	58			13							28,800	
1997	116	6	122			12							16,100	
1998	63	0	63			40							31,400	
1999	56	0	56			11							25,400	
2000	229	4	233			13							0	
2001	240	21	261			9							0	
2002	22	2	24			2							0	2002 SaSI status: Unknown
2003	21	2	23										0	
2004													8,400	
2005														
2006														
2007														
2008														

# Steelhead Historical Database

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

## Humtulpis River Winter-run Steelhead

WDFW District 17, 48 Devonshire Rd, Montesano 98563, (360) 249-4628

WRIA 22.0004

Grays Harbor County

Example: Hatchery smolt releases during the spring of 1977 will produce the majority of adults returning for the 1978-79 winter and 1979 summer harvest seasons

1May-30Apr

Smolt

Revised: 12-07-05

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	2,279	320	2,599	1,729	243	1,972							203,800	
1978/79	2,146	212	2,358	347	31	378	843	3,371	4,214	3,336	3,614	6,950	129,600	EG=1,600 Hatchery EG=140
1979/80	2,823	662	3,485	1,936	260	2,196	179	2,854	3,033	4,938	3,776	8,714	208,100	Wild river entry: E. Dec - L. May
1980/81	1,599	478	2,077	1,910	267	2,177	600	1,967	2,567	4,109	2,712	6,821	194,500	Wild spawn: M. Feb - L. Jun
1981/82	1,639	543	2,182	1,152	382	1,534	833	4,400	5,233	3,624	5,325	8,949	139,500	Humtulpis Hatchery program
1982/83	970	298	1,268	1,045	321	1,366	342	2,248	2,590	2,357	2,867	5,224	171,000	Segregated harvest hatchery program
1983/84	1,367	379	1,746	795	220	1,015	368	4,074	4,442	2,530	4,673	7,203	184,500	Early returning natural spawners
1984/85	1,229	1,962	3,191	1,390	1,115	2,505	2,456	4,048	6,504	5,075	7,125	12,200	183,348	
1985/86	529	509	1,038	1,237	829	2,066	528	4,470	4,998	2,294	5,808	8,102	131,337	Tribal harvest is QIN only
1986/87	864	671	1,535	876	511	1,387	514	3,666	4,180	2,254	4,848	7,102	136,800	
1987/88	764	878	1,642	932	1,051	1,983	510	3,410	3,920	2,206	5,339	7,545	127,800	
1988/89	372	467	839	383	494	877	225	2,754	2,979	980	3,715	4,695	203,700	
1989/90	682	699	1,381	690	525	1,215	409	3,100	3,509	1,781	4,324	6,105	129,900	
1990/91	234	441	675	864	170	1,034	327	2,604	2,931	1,425	3,215	4,640	126,400	
1991/92	431	443	874	225	253	478	196	2,524	2,720	852	3,220	4,072	152,250	1992 SaSSI stock status: Healthy
1992/93	415	422	837	486	213	699	269	2,048	2,317	1,170	2,683	3,853	188,700	
1993/94	380	357	737	153	174	327	159	1,390	1,549	692	1,921	2,613	114,000	
1994/95	958	383	1,341	644	103	747	478	2,053	2,531	2,080	2,539	4,619	88,400	
1995/96	278	173	451	81	6	87	290	1,454	1,744	649	1,633	2,282	120,600	
1996/97	572	39	611	95	130	225	854	1,012	1,866	1,521	1,181	2,702	138,800	WSR 1/6/97 Emergency reg.
1997/98	278	2	280	239	12	251	339	1,344	1,683	856	1,358	2,214	157,100	WSR
1998/99	159	3	162	142	10	152	1,102	1,970	3,072	1,403	1,983	3,386	162,200	
1999/00	1,044	10	1,054	247	12	259	937	1,315	2,252	2,228	1,337	3,565	133,400	
2000/01	500	38	538	8	0	8	204	1,322	1,526	712	1,360	2,072	190,800	
2001/02	752	26	778	239	5	244	1,426	2,522	3,948	2,417	2,553	4,970	152,200	2002 SaSI stock status: Depressed
2002/03	1,021	18	1,039	118	97	215	1,299	2,658	3,957	2,438	2,773	5,211	81,300	
2003/04	957	20	977	221	199	420	1,432	3,884	5,316	2,610	4,103	6,713	44,025	
2004/05	553+	43+	596+	173	185	358	558	2,250	2,808	1284+	2478+	3762+	121,800	
2005/06														Catch Record Card (CRC) reporting season change:
2006/07														Prior to 2000: 1 May to 30 April CRC year
2007/08														Year 2000: 1 May to 31 Mar CRC year
2008/09														2001 and on: 1 April to 31 March CRC year

### Hatchery Escapement

1) Hatchery escapements for 1995/96 through 2004/05 from Adult\_Ticket database including fish released back to stream.

- a) Regional datasheet has 1149 for 2002/03
- b) Regional datasheet has 1102 for 1999/00.
- c) Regional datasheet has 290 for 1995/96.
- 2) Hatchery escapements for 1992/93 through 1993/94 from Adult\_Ticket (Form46) database.
- 3) Estimates of hatchery escapement for other years in period 1980/81 through 1994/95 based on average harvest rates for sport fishery in 1978/79- 1980/81 and 1984/85.
- 4) Estimates of hatchery escapement for 1978/79-1980/81 and 1984/85 are most likely for hatchery-origin adults spawning in the river (see Steelhead Management Report: Winter 1993-94).

# Steelhead Historical Database

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

## Naselle River System Winter-run Steelhead

WDFW District 17, 48 Devonshire Rd, Montesano 98563, (360) 249-4628

WRIA 24.0543

Pacific 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: 09-01-05

Return Year (N)	Sport Harvest (1Nov-30Apr)			Tribal Harvest (1Nov-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													0
1978/79													0
1979/80													0
1980/81													0
1981/82													0
1982/83													0
1983/84													38,200
1984/85													39,800
1985/86													26,300
1986/87	463	583	1,046										33,000
1987/88	247	413	660										28,000
1988/89	275	364	639										36,100
1989/90	418	347	765										45,900
1990/91	155	276	431										23,000
1991/92	205	378	583										24,900
1992/93	303	354	657										31,100
1993/94	356	194	550										29,400
1994/95	308	229	537										52,600
1995/96	191	280	471				156	892	1,048	347	1,172	1,519	50,000
1996/97	180	216	396				101	996	1,097	281	1,212	1,493	50,000
1997/98	21	6	27				17	837	854	38	843	881	50,000
1998/99	57	0	57				39	878	917	96	878	974	38,200
1999/00	260	3	263				68	2,554	2,622	328	2,557	2,885	14,500
2000/01	133	8	141				29	1,456	1,485	162	1,464	1,626	27,100
2001/02	1,031	6	1,037				259	1,856	2,115	1,290	1,862	3,152	62,000
2002/03	264	11	275				32	1,324	1,356	296	1,335	1,631	30,300
2003/04	250+	10+	260+				31	1,856	1,887				56,000
2004/05													
2005/06													
2006/07													
2007/08													
2008/09													

Comments

No EG

Includes Salmon Creek (Pacific Co.) and Brock Creek

Wild river entry: E. Dec - L. May  
Wild spawn: M. Feb - E. Jun

Nacelle Hatchery program

Segregated harvest hatchery program

Local broodstock

Brock Creek component unmarked returns

1992 SaSSI status: Healthy

2002 SaSI status: Healthy

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

\*Total number of adults trapped (from WDFW Final Hatchery Escapement Report) only. Therefore, total hatchery runsize components such as fish that spawn or die below the hatchery, fish that are recycled or released to the stream and become trapped again, or fish that pass the trap undetected have not been accounted for.

# Steelhead Historical Database

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

## Nemah River System Winter-run Steelhead

WDFW District 17, 48 Devonshire Rd, Montesano 98563, (360) 249-4628

WRIA 24.0460

Pacific 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: 09-06-05

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														
1978/79														No EG
1979/80														Includes Williams Creek and North Nemah River
1980/81														Wild river entry: E. Dec - L. May
1981/82														Wild spawn: E. Feb - E. Jun
1982/83														Nemah hatchery program
1983/84													8,100	Segregated harvest hatchery program
1984/85													14,000	Early, local adapted Forks Creek Hatchery eggs
1985/86													13,300	
1986/87	82	112	194										16,900	
1987/88	66	70	136										4,000	
1988/89	29	57	86										8,300	
1989/90	45	51	96										11,500	
1990/91	2	23	25										8,000	
1991/92	53	43	96										8,800	1992 SaSSI status: Unknown
1992/93	54	19	73										10,000	
1993/94	38	45	83										10,000	
1994/95	37	51	88										10,300	
1995/96	25	6	31				10	291	301	35	297	332	10,300	
1996/97	47	31	78				8	303	311	55	334	389	9,800	
1997/98	21	0	21					346			346		9,900	
1998/99	30	0	30					231			231		11,300	
1999/00	30	0	30				10	1,711	1,721	40	1,711	1,751	9,900	
2000/01	34	0	34				17	1,454	1,471	51	1,454	1,505	11,400	
2001/02	181	3	184					962			965		11,700	2002 SaSI status: Healthy
2002/03	50	2	52					436			438		6,900	
2003/04	35+	0+	35+					908					10,350	
2004/05														
2005/06														Catch Record Card (CRC) reporting season change:
2006/07														Prior to 2000: 1 May to 30 April CRC year
2007/08														Year 2000: 1 May to 31 Mar CRC year
2008/09														2001 and on: 1 April to 31 March CRC year

\*Total number of adults trapped (from WDFW Final Hatchery Escapement Report) only. Therefore, total hatchery runsize components such as fish that spawn or die below the hatchery, fish that are recycled or released to the stream and become trapped again, or fish that pass the trap undetected have not been accounted for.

# Steelhead Historical Database

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

## North River System Winter-run Steelhead

WDFW District 17, 48 Devonshire Rd, Montesano 98563, (360) 249-4628

WRIA 24.0034

Pacific and Grays Harbor Counties

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

Revised: 09-28-05

1May-30Apr

Return Year (N)	Sport Harvest (1Nov-30Apr)			Tribal Harvest (1Nov-30Apr)			Escapement			Total Runsize			Smolt	Comments
	Hatchery	Wild	H&W Total	Hatchery	Wild	H&W Total	Hatchery	Wild	H&W Total	Hatchery	Wild	H&W Total	-May Release Return N+2	
1977/78			287										0	No EG
1978/79			335										0	Includes North River and Smith Creek
1979/80			283										0	
1980/81			325										0	Wild river entry: E. Dec - L. May
1981/82			289										0	Wild spawn: E. Feb - L. May
1982/83			205										0	
1983/84			296										26,800	Segregated harvest hatchery program
1984/85			491										26,900	Total releases into North River and Smith Creek
1985/86			306										25,000	Forks Creek Hatchery programs
1986/87	223	461	684										25,000	
1987/88	96	242	338										13,100	
1988/89	38	166	204										21,300	
1989/90	107	151	258										26,400	
1990/91	86	100	186										33,700	
1991/92	214	340	454										19,300	1992 SaSSI status: Unknown
1992/93	155	233	388										22,200	
1993/94	98	195	293										24,800	
1994/95	105	227	332										27,700	
1995/96	151	209	360					248				457	0	
1996/97	117	150	267					401				551	20,200	
1997/98	18	6	24					633				639	0	
1998/99	63	0	63					946				946	20,000	
1999/00	106	17	123					2,613				2,630	0	
2000/01	57	3	60					756				759	0	
2001/02	180	0	180					1,204				1,204	10,000	2002 SaSI status: Healthy
2002/03	20	0	20					514				514	20,000	
2003/04	178+	19+	197+					898					22,000	
2004/05														
2005/06														Catch Record Card (CRC) reporting season change:
2006/07														Prior to 2000: 1 May to 30 April CRC year
2007/08														Year 2000: 1 May to 31 Mar CRC year
2008/09														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

## Palix River Winter-run Steelhead

WDFW District 17, 48 Devonshire Rd, Montesano 98563, (360) 249-4628

WRIA 24.0426

Pacific County

1May-30Apr

Smolt

Revised:09-28-05

Return Year (N)	Sport Harvest (1Nov-30Apr)			Tribal Harvest (1Nov-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			9										0
1978/79			16										
1979/80			20										
1980/81			0										
1981/82			28										
1982/83			6										
1983/84			15										
1984/85			58										
1985/86			26										
1986/87	8	96	104										
1987/88	8	10	18										
1988/89	4	18	22										
1989/90	0	6	6										
1990/91	10	15	25										
1991/92	8	15	23										
1992/93	0	7	7										
1993/94	3	10	13										
1994/95	14	17	31										
1995/96	0	18	18					87			105		
1996/97	13	0	13					10			10		
1997/98	9	3	12					114			117		
1998/99	36	3	39					102			105		
1999/00	0	3	3					334			337		
2000/01	14	4	18					152			156		
2001/02	0	0	0					18			18		
2002/03	0	0	0					94			94		
2003/04	7+	0+	7+					226					0
2004/05													
2005/06													
2006/07													
2007/08													
2008/09													

Comments

No EG

Wild river entry: E. Dec - L. May  
Wild spawn: M. Feb - L. May

No hatchery program on record  
Intended as a Wild Management Zone

1992 SaSSI status: Unknown

2002 SaSI status: Healthy

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, Olympia98501, (360) 902-2820/2817

## Satsop River Winter-run Steelhead

WDFW District 17, 48 Devonshire Rd, Montesano 98563, (360) 249-4628

WRIA 22.0360

Grays Harbor County

Example: Hatchery smolt releases during the spring of 1977 will produce the majority of adults returning for the 1978-79 winter and 1979 summer harvest seasons

1May-30Apr

Smolt

Revised: 12-09-05

Return Year	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			274										0	EG=2,800
1978/79			210										0	Sport harvest data includes West Fork
1979/80			51										0	No smolt releases 19777 thru 1980
1980/81			97										0	Wild river entry: E. Dec - L. May
1981/82			49										15,512	Wild spawn: M. Feb - L. Jun
1982/83			69										22,260	
1983/84			120						3,126				7,810	Bingham Creek Hatchery
1984/85			86						3,504				19,000	Integrated harvest hatchery program
1985/86			170						4,602				22,650	Local, natural spawners
1986/87	144	359	503						4,242				8,000	
1987/88	86	318	404						1,466				18,500	
1988/89	138	199	337						1,890				18,400	
1989/90	183	160	343						2,244				0	
1990/91	107	165	272						2,203				0	
1991/92	57	236	293						2,136				0	1992 SaSSI stock status: Depressed
1992/93	53	333	386						1,765				0	
1993/94	3	16	19						3,220				27,500	WSR 6/1/94
1994/95	44	17	61						3,038				35,000	
1995/96	88	6	94						2,421				32,400	
1996/97	66	0	66						1,864				43,500	
1997/98	33	6	39						2,287				29,200	
1998/99	42	4	46						3,116				37,000	
1999/00	103	6	109					146	2,825				40,700	
2000/01	335	8	343					131	2,513				62,800	Undersized (14 fish per pound) release
2001/02	665	6	671					282	3,506				54,000	2002 SaSI stock status: Depressed
2002/03	611	12	623					138	2,676				57,600	
2003/04	1,011	11	1,022					102	4,519				57,000	
2004/05	645+	3+	648+											
2005/06														
2006/07														
2007/08														
2008/09														

\*Total number of adults trapped (from WDFW Final Hatchery Escapement Report) only. Therefore, total hatchery runsize components such as fish that spawn or die below the hatchery, fish that are recycled or released to the stream and become trapped again, or fish that pass the trap undetected have not been accounted for.

# Steelhead Historical Database

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

## Skamokawa Creek Winter-run Steelhead

WDFW District 10, 2108 Grand Blvd, Vancouver 98661, (360) 906-6709

WRIA 25.0194

Wahkiakum County

Example: Hatchery smolt releases during the spring of 1981 will produce the majority of adults returning for the 1982-83 winter and 1983 summer harvest seasons

1May-30Apr

Smolt

Revised: 09-28-05

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			21											
1978/79			20											
1979/80			10											
1980/81			16											
1981/82			3										9,600	
1982/83			9											
1983/84			13										0	
1984/85			63										5,400	
1985/86			19										5,000	
1986/87	42	26	68										9,900	WSR 1986
1987/88	15	9	24										10,200	
1988/89	9	0	9										8,800	
1989/90	10	0	10										10,300	
1990/91	10	0	10					304			304		5,000	
1991/92	31	0	31					258			258		5,300	1992 SaSSI status Unknown
1992/93	32	4	36					208			212		5,200	
1993/94	5	0	5					92			92		7,600	
1994/95	9	0	9					112			112		6,000	
1995/96	0	0	0					128			128		5,100	
1996/97	0	0	0					208			208		5,100	
1997/98	8	2	10					200			202		7,000	Flight data corrected escapements
1998/99	46	21	67					248			269		0	
1999/00	1	0	1					264			264		0	
2000/01	4	0	4					138			138		0	
2001/02	21	0	21					300			300		0	2002 SaSI status Depressed
2002/03	2	0	2					224			224		0	
2003/04	4+	0+	4+											
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

## Willapa Bay Systems Winter-run Steelhead

WDFW District 17, 48 Devonshire Rd, Montesano 98563, (360) 249-4628

1May-30Apr													Smolt	Comments
Return Year	Sport Harvest (1Nov-30Apr)			Tribal Harvest (1Nov-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														EG for entire basin = 10,000
1978/79														Includes North, Willapa, Palix, Nemaah, Naselle and Bear (see individual systems for harvest and release data)
1979/80														
1980/81														
1981/82														
1982/83														
1983/84														
1984/85														
1985/86														
1986/87														
1987/88														
1988/89														
1989/90														
1990/91														
1991/92														
1992/93														
1993/94														
1994/95														
1995/96									2,233					
1996/97									2,154					
1997/98									2,580					
1998/99									3,144					
1999/00									11,547					Sport totals are Nov. thru Mar. + Apr. of next CRC year
2000/01									5,523					
2001/02									5,661					
2002/03									3,384					
2003/04									5,909					
2004/05														
2005/06														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
2006/07														
2007/08														
2008/09														

# Steelhead Historical Database

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

## Willapa River Winter-run Steelhead

WDFW District 17, 48 Devonshire Rd, Montesano 98563, (360) 249-4628

WRIA 24.0277

Pacific 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: 09-06-05

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						0								
1978/79						0								
1979/80						0								
1980/81						0								
1981/82						0								
1982/83						0								
1983/84						0							78,500	
1984/85						0							75,500	
1985/86						0							50,100	
1986/87	663	727	1,390			0							65,900	
1987/88	439	427	866			0							41,800	
1988/89	642	378	1,020			0							71,600	
1989/90	574	326	900			0							60,600	
1990/91	309	278	587			0							40,700	
1991/92	585	603	1,188			0							51,800	
1992/93	601	446	1,047			0							55,300	1992 SaSSI status: Healthy
1993/94	453	173	626			0							54,400	
1994/95	274	259	533			0							60,100	
1995/96	247	156	403			0	255	460	715	502	616	1,118	67,000	
1996/97	235	80	315			0	308	355	663	543	435	978	45,100	
1997/98	41	4	45			0	42	414	456	83	418	501	30,900	
1998/99	145	9	154			0	148	721	869	293	730	1,023	38,300	
1999/00	585	9	594			0	211	3,059	3,270	796	3,068	3,864	42,800	
2000/01	180	16	196			0	139	1,228	1,367	319	1,244	1,563	57,600	
2001/02	1,193	21	1,214			0	487	1,338	1,825	1,680	1,359	3,039	66,800	2002 SaSI status: Healthy
2002/03	274	6	280			0	533	738	1,271	807	744	1,551	51,800	
2003/04	233+	4+	237+			0	795	1,560	2,355				57,000	
2004/05														
2005/06														
2006/07														
2007/08														
2008/09														

No EG  
Includes South Fork

Wild river entry: E. Dec - L. May  
Wild spawn: M. Feb - M. Jun

Forks Creek hatchery program  
Segregated harvest hatchery program  
Early, local adapted broodstock  
South Fork, Stringer Creek and Fork Creek releases

1992 SaSSI status: Healthy

2002 SaSI status: Healthy

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

\*Total number of adults trapped (from WDFW Final Hatchery Escapement Report) only. Therefore, total hatchery runsize components such as fish that spawn or die below the hatchery, fish that are recycled or released to the stream and become trapped again, or fish that pass the trap undetected have not been accounted for.

# Steelhead Historical Database

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

## Wynoochee River Winter-run Steelhead

WDFW District 17, 48 Devonshire Rd, Montesano 98563, (360) 249-4628

WRIA 22.0260

Grays Harbor 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 season.

1May-30Apr

Smolt

Revised: 12-09-05

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			109										2,275	EG=1,260
1978/79			246										40,030	First release (20,614) in 1962
1979/80			26										20,330	No releases from 1963 to 1973
1980/81			77										7,500	Wild river entry: E. Dec - L. May
1981/82			45										32,750	Wild spawn: M. Feb - L. Jun
1982/83			79										39,135	
1983/84			133						998				54,680	Segregated harvest hatchery program
1984/85			476						2,168				151,300	M. Feb - M. Apr late-timed native broodstock
1985/86			682						3,190				130,624	Lk. Aberdeen Hatchery
1986/87	584	389	973						2,878				95,800	Hatchery returns trapped at Wynoochee barrier dam.
1987/88	492	300	792						988				106,200	
1988/89	573	243	816						1,384				138,310	
1989/90	1,009	297	1,306						2,406				158,300	
1990/91	727	266	993						2,572				63,000	
1991/92	713	273	986						1,882				50,600	1992 SaSSI status: Healthy
1992/93	678	431	1,109						1,151				107,000	
1993/94	683	429	1,112						2,153				141,800	
1994/95	1,465	379	1,844						2,427				174,900	
1995/96	2,066	536	2,602				151	1,659	1,810				176,200	
1996/97	1,335	41	1,376				173	1,003	1,176				174,500	WSR 1/6/97 (for Chehalis system)
1997/98	904	26	930				158	1,333	1,491				150,100	
1998/99	775	9	784				201	2,212	2,413				169,100	
1999/00	2,876	70	2,946				298	2,051	2,349				164,400	
2000/01	2,401	21	2,422				166	1,962	2,128				191,000	
2001/02	4,644	26	4,670				301	2,046	2,347				170,000	2002 SaSI status: Healthy
2002/03	3,418	53	3,471				222	1,525	1,747				170,750	
2003/04	3,618	51	3,669				209	3,162	3,371				141,500	
2004/05	2108+	10+	2118+										173,615	
2005/06														Catch Record Card (CRC) reporting season change:
2006/07														Prior to 2000: 1 May to 30 April CRC year
2007/08														Year 2000: 1 May to 31 Mar CRC year
2008/09														2001 and on: 1 April to 31 March CRC year

**Hatchery escapement:**

\*Total number of adults trapped (from WDFW Final Hatchery Escapement Report) only. Therefore, total hatchery runsize components such as fish that spawn or die below the hatchery, fish that are recycled or released to the stream and become trapped again, or fish that pass the trap undetected have not been accounted for.

**Tribal Harvest:**

Tribal harvest data is available for the entire Chehalis System only