

STATE OF WASHINGTON

DEPARTMENT OF FISHERIES

ESCAPEMENT AND EGG TAKES

1981

SPRING & SUMMER CHINOOK
FALL CHINOOK
COHO
CHUM
PINK

Salmon Culture Division
April 12, 1982
P.M. Castoldi

TOTALS:

399,680 Adults
315,549,316 Eggs Taken

1981 ESCAPEMENT REPORT

SPRING & SUMMER CHINOOK

HATCHERY		TOTAL ESCAPEMENT		TOTAL EGG TAKE
		A	J	
NOOKSACK	SPRINGS	68		74,000
	SPRINGS(Wild)	25		105,000
SKAGIT	SPRINGS(Clark)	9		13,000
	SPRINGS(Buck)	114		137,430
SKYKOMISH	SUMMERS	132	40	305,400
	SUMMERS(Wallace)	922	26	2,736,742
	SUMMERS(Sun. Fls)	513	127	-
GARRISON	SPRINGS(Whit. Rv.)	22		81,118
HOOD CANAL	SPRINGS	69		121,275
DUNGENESS	SPRINGS	11		29,640
subtotal	SPRINGS	318		561,463
	SUMMERS	1,567	193	3,042,965
SOLEDUCK	SPRINGS	174	26	321,200
	SPRINGS(Dungen)	23		77,800
	SUMMERS	108	45	159,700
subtotal	SPRINGS	197	26	399,000
	SUMMERS	108	45	159,700
KALAMA FLS	SPRINGS	1,608	284	378,000
KLICKITAT	SPRINGS	1,709	487	2,315,520
subtotal	SPRINGS	3,317	771	2,693,520
COWLITZ	SPRINGS	20,862	4,247	8,832,000
SPEELYAI	SPRINGS	713		1,037,000
WELLS	SUMMERS	1,553	589	4,255,000
subtotal	SPRINGS	21,575	4,247	9,869,000
	SUMMERS	1,553	589	4,255,000
GRAND TOTAL	SPRINGS	25,407	5,044	13,522,983
	SUMMERS	3,228	827	7,456,842
		28,635	5,871	20,979,825

1981 ESCAPEMENT REPORT

FALL CHINOOK

HATCHERY	TOTAL ESCAPEMENT		TOTAL EGG TAKE
	A	J	
NOOKSACK	299	75	517,044
SAMISH	9,767	385	14,678,974
SKAGIT (Clark)	309		816,450
SKYKOMISH	2,738	67	6,034,840
ISSAQUAH	4,009	263	4,226,528
GREEN RIVER	11,001	253	26,219,487
PUYALLUP	2,264	10	5,399,600
MINTER CREEK	498	107	1,353,700
COULTER CREEK	208	146	501,380
DESCHUTES	5,404	119	15,324,680
GARRISON	179	166	336,500
GEORGE ADAMS	291	9	752,044
MCKERNAN	14	10	25,000
HOOD CANAL	2,566	83	2,646,750
ELWHA	570	24	1,176,300
subtotal	40,117	1,717	80,009,277
SOLEDUCK	127	212	344,890
HUMPTULIPS	765	74	1,148,985
WILLAPA	1,805	304	3,272,180
NASELLE	155	45	279,742
NEMAH	1,050	40	2,402,240
subtotal	3,902	675	7,448,037
GRAYS RIVER	54	31	50,990
ELOKOMIN	633	1	1,090,000
KALAMA FALLS	4,233	74	9,970,380
PRIEST RAPIDS	7		24,290
TUCANNON	565	38	791,000
WASHOUGAL	3,659	101	7,708,800
KLICKITAT	280	1	351,743
subtotal	9,431	246	19,987,203
COWLITZ	4,697	976	9,609,000
LOWER KALAMA	1,519	161	2,940,000
SPEELYAI	633	133	1,705,000
PRIEST RAPIDS	1,224	1,272	344,000
VOLUNTEER	370	1,037	3,071,900
subtotal	8,443	3,579	17,669,900
GRAND TOTAL	61,893	6,217	125,114,417

HATCHERY	ADULTS	JACKS	TOTAL EGG TAKE
NOOKSACK	3,560	144	2,067,080
SAMISH	9,310	-	1,460,550
SKAGIT	37,800	1,824	23,928,750
CLARK	1,536	126	1,396,634
BAKER	174	-	128,108
CLARK LATES			
SKYKOMISH	5,520	291	4,384,200
SUNSET FALLS	15,335	173	-
ISSAQUAH	10,802	5,741	3,341,500
GREEN RIVER	15,340	620	3,688,720
PUYALLUP	17,151	597	5,538,000
MINTER CREEK	12,612	7,155	5,259,000
COULTER CREEK	99	28	-
DESCHUTES	4,482	348	-
GARRISON SPS	4,481	4,445	844,000
GEORGE ADAMS	24,585	1,066	6,461,720
MCKERNAN	418	96	90,300
HOOD CANAL	139	6	-
*DUNGENESS	10,234	1,445	7,285,500
ELWHA	1,179	623	1,560,350
subtotal	174,757	24,728	67,434,412
SOLEDUCK	500	2,437	673,300
SUMMER	624	336	1,303,900
FALL	10,481	1,293	9,321,110
HUMPTULIPS	3,169	27	see satsop
SIMPSON	5,882	120	8,626,500
BINGHAM	344	-	246,000
SATSOP			
BINGHAM LATES			
WILLAPA	5,372	2,072	2,557,690
NASELLE	922	4,445	777,231
JOHNSON CR.	3,881	412	3,403,914
NEMAH	12,700	5,198	9,458,400
subtotal	43,875	16,340	36,368,045
GRAYS RIVER	530	1,313	587,104
ELOKOMIN	4,823	241	301,000
EARLY	75	-	-
LATE			
KALAMA FALLS	4,142	385	1,847,758
WASHOUGAL	12,830	1,850	4,730,000
COWLITZ	27,003	12,183	18,013,600
LOWER KALAMA	2,260	493	178,000
EARLY	181	662	167,400
LATE			
SPEELYAI	4,669	3,532	2,559,000
subtotal	56,513	20,659	28,383,862
GRAND TOTAL	275,145	61,727	132,186,319

*An estimated 20,000 went upstream, not counted on this report.

1981 ESCAPEMENT REPORT

CHUM

HATCHERY	TOTAL ESCAPEMENT	TOTAL EGG TAKE
NOOKSACK	775	883,145
SAMISH		
SKAGIT		
SKYKOMISH		
ISSAQUAH		
GREEN RIVER		
PUYALLUP		
MINTER CREEK	2,952	3,614,665
COULTER CREEK	467	590,000
DESCHUTES		
GARRISON		
NORMAL	128	-
LATES	3,971	749,800
FOX ISLAND		
GEORGE ADAMS	34	54,350
SHELTON (station closed 1/1/82)		
EARLY	1,140	1,152,000
LATES	933	1,693,000
MCKERIAN	168	179,620
HOOD CANAL	14,543	24,086,500
DUNGENESS		
ALLISON SPS.	124	129,000
MCALLISTER	518	628,300
subtotal	25,758	33,760,380
SOLEDUCK		
HUMPTULIPS	178	175,500
SIMPSON		
SATSOP SPS.	830	409,000
WILLAPA		
NASELLE		
NEMAH	1,140	1,111,500
subtotal	2,148	1,696,000
GRAYS RIVER		
ELOKOMIN		
KALAMA FALLS		
WASHOUGAL		
KLICKITAT		
RINGOLD		
subtotal		
COWLITZ		
LOWER KALAMA		
LEWIS RIVER		
SPEELYAI		
PRIEST RAPIDS		
ROCKY REACH		
WELLS DAM		
subtotal		
GRAND TOTAL	27,906	35,456,380

HATCHERY	TOTAL ESCAPEMENT	TOTAL EGG TAKE
NOOKSACK		
SAMISH		
SKAGIT		
DIOPSUD	180	75,500
CLARK	153	114,800
SKYKOMISH		
WALLACE	96	55,200
SUNS. FLS.	2,384	-
ISSAQUAH		
GREEN RIVER		
PUYALLUP	615	402,000
MINTER CREEK	173	106,625
COULTER CREEK		
DESCHUTES		
GARRISON PINK/SOCKEYE	3 / 31	
FOX ISLAND		
GEORGE ADAMS		
SHELTON		
MCKERNAN		
HOOD CANAL	1,557	1,058,250
DUNGENESS	909	
ELWHA		
subtotal	6,070 31 sockeye	1,812,375
SOLEDUCK		
HUMPTULIPS		
SIMPSON		
SATSOP SPS.		
WILLAPA		
NASELLE		
WEMAH		
subtotal		
GRAYS RIVER		
ELOKOMIN		
KALAMA FALLS		
WASHOUGAL		
KLICKITAT		
RINGOLD		
subtotal		
COWLITZ		
LOWER KALAMA		
LEWIS RIVER		
SPEELYAI		
PRIEST RAPIDS		
ROCKY REACH		
WELLS DAM		
subtotal		
GRAND TOTAL	6,070 PINKS 31 SOCKEYE	1,812,375

1981 UPSTREAM ESCAPEMENT

PINKS, CHUM, SOCKEYE

HATCHERY	PINKS	CHUM	SOCKEYE
SKYKOMISH Sunset Falls	2,384		
MINTER CREEK		700	
GARRISON SPS	3	128	1
Lates		1,686	
HOOD CANAL		90	
*DUNGENESS	909		
SHELTON Lates		44	
subtotal	3,296	2,648	1
GRAND TOTAL	3,296	2,648	1

*Estimate 1300 in lower river.

HATCHERY	ADULTS	JACKS
SAMISH	8,053	
SKAGIT	8,000	
SKYKOMISH Sunset Falls	15,335	173
ISSAQUAH	1,859	
GREEN RIVER	7,437	
PUYALLUP	1,000	
MINTER CREEK	958	
DESCHUTES	3,869	288
GARRISON SPS	1,016	
*DUNGENESS	20,000	
COULTER CREEK	99	28
subtotal	67,626	489
HUMPTULIPS	1,100	
SIMPSON Bingham	2,034	
Bingham Lates	216	
WILLAPA	1,536	
NASELLE	58	
Johnson Creek	750	
NEMAH	1,230	
subtotal	6,924	0
ELOKOMIN	2,150	
Lates	30+	
KALAMA FALLS	2,509	
WASHOUGAL	2,265	
subtotal	6,954	0
GRAND TOTAL	81,504	489

*Estimate, is not shown on escapement report.

1981 UPSTREAM ESCAPEMENT

CHINOOK

HATCHERY	SPRINGS	SUMMERS		FALLS	
	A	A	J	A	J
SAMISH				66	
SKAGIT Buck	55				
SKYKOMISH Sunset Falls		513	127		
ISSAQUAH				116	
PUYALLUP				23	
DESCHUTES				694	
GARRISON SPS				40	
COULTER CREEK					15
subtotal	<u>55</u>	<u>513</u>	<u>127</u>	<u>939</u>	<u>15</u>
SOLEDUCK	29	5			
WILLAPA				247	
NEMAH				27	
subtotal	<u>29</u>	<u>5</u>		<u>274</u>	<u>0</u>
KALAMA FALLS	1,226			660	
WASHOUGAL				287	48
PRIEST RAPIDS				78	
subtotal	<u>1,226</u>			<u>1,025</u>	<u>48</u>
GRAND TOTAL	1,310	518	127	2,238	63