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Releases of Anadromous Salmon and Trout From U.S. and Canadian Pacific Coast Rearing Facilities, 1960-1976

Robert Z. Smith and Roy J. Wahle

January 1981

**U.S. DEPARTMENT OF COMMERCE
National Oceanic and Atmospheric Administration
National Marine Fisheries Service**

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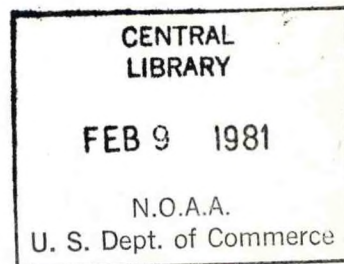
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RELEASES OF ANADROMOUS SALMON AND TROUT
" FROM U.S. AND CANADIAN PACIFIC COAST
REARING FACILITIES, 1960-1976

Robert Z. Smith and Roy J. Wahle



Environmental and Technical Services Division
Northwest Regional Office
National Marine Fisheries Service
National Oceanic and Atmospheric Administration
811 N.E. Oregon Street, P.O. Box 4332
Portland, Oregon 97208

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ABSTRACT

Information on the release of anadromous salmon (Oncorhynchus spp.) and trout (Salmo spp.) from rearing facilities on the Pacific Coast of the United States and Canada are listed for the years 1960 through 1976. Included are data from all major facilities (120 hatcheries, 34 rearing ponds, and 5 saltwater net-pens) as well as data from some minor rearing facilities. For each facility and group of facilities, details of the release location and information on the released fish (their species, brood year, number, weight, and size at release) are presented.

INTRODUCTION

Salmon (Oncorhynchus spp.) and steelhead trout (Salmo gairdneri) fisheries have been important to the economy of the Pacific Coast of the United States and Canada since the mid-1880's. There are presently large industries based on the capture and sale of salmon as well as on the manufacture of commercial fishing equipment such as boats and nets. In addition, since World War II the sports fishery on these two genera has increased in economic importance. Large amounts of revenue are generated through the related lodging, restaurants, charter and guide services, transportation, and sports fishing gear--rods, reels, tackle, bait, boats, etc. associated with sports fishing trips.

An increasing reliance has been placed on fish hatcheries to supply user groups with a fishery resource already depleted by overexploitation and loss of suitable spawning and rearing habitat. Studies such as those performed with fall chinook salmon (O. tshawytscha) (Worlund et al. 1969 and Wahle et al. 1978) and coho salmon (O. kisutch) (Wahle et al. 1974) have demonstrated that hatchery production contributes significantly to the overall fishing industry.

Accurate records of hatchery releases are necessary for analysis and evaluation of data in the conduct of the many research and management studies that are in progress on the Pacific Coast of the United States and Canada. Regular tabulation of release information is a function of state, federal, and provincial fishery agencies for their own operations. The resultant records differ in format and content from agency to agency. Additionally, each agency has its own methods of handling releases not meant to outmigrate.

The report of Wahle et al. (1975) was published to alleviate these problems in data collection: it brought together under one cover detailed release information for all Pacific Coast facilities of the United States and Canada from 1960 through 1973. The starting point of 1960 was selected because rapid advancements in artificial production techniques had taken place by that year. Also, release data for the years prior to 1960 were difficult to obtain.

Since the report by Wahle et al. (1975) was published, the demand for the report has been overwhelming. It is used by all U.S. and Canadian fishery agencies on the Pacific Coast and by many researchers. The report has therefore been up-dated to include data through 1976 and is presented here.

DATA ORGANIZATION AND INTERPRETATION

The information in this present report for the years prior to 1974 was taken, for the most part, from the earlier report by Wahle et al. (1975). As errors were called to our attention, we corrected our data base, and these changes have been included in this report. This report therefore supersedes the report of Wahle et al. (1975).

For the years 1974 through 1976, release information was obtained from Foster et al. (1977), Foster et al. 1975^{1/}, Fletcher et al. 1976^{2/}, and from the hatchery records of the various State, Federal, and Provincial fisheries organizations.

The basic organization of the report is the same as that in Wahle et al. (1975). The release tables are divided into six major groupings, mainly by state or provincial boundaries starting with Alaska and proceeding south through British Columbia, Washington Coastal, and California. The Columbia Basin has been handled separately because of the importance and scope of the hatchery effort being extended in this major river drainage. The Columbia Basin section is further divided by state into the portions of Washington, Idaho, and Oregon drained by the Columbia River.

In each division or subdivision, the facilities are arranged alphabetically by the operating or supervising agency. Regarding the United States, the report starts with federal hatcheries and other federal facilities such as rearing ponds and saltwater net-pens, followed by state hatcheries and other state facilities, and by county or private hatcheries and other county or private facilities where applicable. In the Washington Coastal and Puget Sound section, for example, the order of appearance is U.S. Fish and Wildlife Service (USFWS) hatcheries, Washington Department of Fisheries (WDF) hatcheries, WDF rearing ponds and saltwater net-pens, Washington Department of Game (WDG) hatcheries, and WDG rearing ponds. The British Columbia hatcheries of Canada are also arranged alphabetically.

The species for each rearing facility are listed in the following order - chinook salmon, coho salmon, chum salmon (O. keta), pink salmon (O. gorbuscha), sockeye salmon (O. nerka), and cherry salmon (O. masu), followed by steelhead trout and sea-run cutthroat trout (S. clarki).

^{1/} Foster, R., R. Kolb, and V. Fletcher. 1975. 1974 hatchery statistical report of production and plantings. Wash. Dep. Fish., Olympia, 156p.

^{2/} Fletcher, V., B. Kiser, B. Rogers, and B. Foster. 1976. 1975 hatchery statistical report of production and planting. Wash. Dep. Fish., Olympia, 154p.

tables are compilations by species of all the minor fish culture ventures that have taken place in the past 17 years. There are 17 ponds and saltwater net-pens included in this category. The releases from these facilities have been sporadic due to intermittent operation. The tables entitled "Minor ODFW Rearing Ponds" are groupings of releases from presently inactive rearing ponds.

Appendix Table I was included to assist the reader in using the "Table of Contents" and to assist researchers interested in particular species of salmon and anadromous trout and lists all the Pacific Coast rearing facilities that operated between 1960 and 1976 and the species they have reared.

EXCLUSIONS FROM THE REPORT

Although the title of this report indicates that it includes all anadromous salmonid releases on the Pacific Coast of the United States and Canada, there is an exception. This exclusion involves the treaty Indian "sea ranching" operations in the Washington Coastal and Puget Sound region. Because of problems in gathering accurate release information, we have included only those operations that provided suitable information on their releases to the Washington Department of Fisheries.

ACKNOWLEDGMENTS

We are grateful to all those who very kindly and very energetically assisted in the collection of the massive amount of data needed to produce this report. Hatchery superintendents and personnel with the fisheries agencies of Alaska, British Columbia, Washington, Idaho, Oregon, and California as well as those with the U.S. Fish and Wildlife Service have generously provided us with release data. We especially thank the following people: William Heard, National Marine Fisheries Service; Alan Davis and Joe Wallis, Alaska Department of Fish and Game; Dr. Keith Sandercock and Steve Heizer, Canadian Fisheries and Marine Service; Harry Senn, Robert Foster, and William Hopley, Washington Department of Fisheries; Jim Morrow, Washington Department of Game; Jim Griggs, Oregon Department of Fish and Wildlife; Walt Bethke, Idaho Department of Fish and Game; Steve Taylor and Bill Scholes, California Department of Fish and Game; and John Miller, Paul Handy, and Marvin Smith, U.S. Fish and Wildlife Service. We also thank Robert Vreeland and Reino Koski of the National Marine Fisheries Service for their editorial assistance and Alma Follis and Vivian Dignan for their help in the preparation of the report.

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TABLE 1.--ALASKA
CRYSTAL LAKE HATCHERY - ALASKA DEPARTMENT OF FISH AND GAME
RELEASE OF- SPRING CHINOOK SALMON.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1960-71	-	-	-	-	-	-	-	-
1972	-	151,400	4,063.7	26.8	-	5/74	MENDENHALL R	-
1972	-	134,000	3,851.9	28.7	-	5/74	CRYSTAL LAKE	-
1973	-	62,101	432.7	6.9	-	6/75	MITKOF IS TRBS	-
1974	-	12,600	207.7	16.4	-	6/76	MITKOF IS TRBS	-

-- INDICATES HATCHERY NOT IN OPERATION

TABLE 2.--ALASKA
CRYSTAL LAKE HATCHERY - ALASKA DEPARTMENT OF FISH AND GAME
RELEASE OF- CONO SALMON.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1960-71	-	-	-	-	-	-	-	-
1972	-	289,500	4,746.4	16.3	-	5/74	CRYSTAL LAKE	-
1973	-	96,187	3,816.8	31.3	-	5- 6/75	JUNEAU TRIBS	MENDENHALL R
1974	-	448,980	14,279.5	31.8	-	5- 6/75	MITKOF IS TRIBS	MENDENHALL R
1974	-	92,300	2,286.1	24.7	-	5/76	JUNEAU TRIBS	MENDENHALL R
1974	-	251,400	5,959.3	23.7	-	5/76	MITKOF IS TRIBS	MENDENHALL R

-- INDICATES HATCHERY NOT IN OPERATION

TABLE 3.--ALASKA
CRYSTAL LAKE HATCHERY - ALASKA DEPARTMENT OF FISH AND GAME
RELEASE OF- STEELHEAD TROUT.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1960-71	-	-	-					
1972-73	0	0	0					
1974 W		17,500	289.4	16.5		6/75	MITKOF IS TRBS	
1975 W		10,000	417.3	41.7		6/76	MITKOF IS TRBS	
1975 W		6,500	245.8	37.8		6/76	JUNEAU TRIBS	

"-" INDICATES HATCHERY NOT IN OPERATION

TABLE 4.--ALASKA
FIRE LAKE HATCHERY
RELEASE OF- SPRING CHINOOK SALMON.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1959-62	0	0	0					
1963		400	1.8	4.5		5/64	SHIP CR	
1964		400	1.8	4.5		3/65	SHIP CR	
1964		8,400	127.8	15.1		8/65	SHIP CR	
1965		166,900	772.5	4.6		7/66	SHIP CR	
1965		63,800	1,555.8	24.3		5/67	SHIP CR	
1966		474,500	3,710.8	7.8		5-	6/67	SHIP CR
1966		82,400	1,288.7	15.6		5/68	SHIP CR	
1967		95,900	2,596.4	27.0		5/69	SHIP CR	
1968		45,700	714.9	15.6		5/70	SHIP CR	
1969		186,700	4,457.0	23.8		5/71	SHIP CR	
1969		30,700	827.8	26.9		5/72	WILLOW CR	
1970		71,800	1,723.7	24.0		5/72	SHIP CR	
1971		160,100	4,458.4	27.8		5-	6/73	SHIP CR
1972		204,800	4,916.5	24.1	23.8- 38.2	5-	5/74	SHIP CR
1972		8,500	227.7	26.7		7/74	HALIBUT LAGOON	
1973		83,500	2,404.9	28.8		5-	6/75	SEWARD LAGOON
1974		196,900	3,862.8	19.6		5-	6/76	SEWARD LAGOON

TABLE 5.--ALASKA
FIRE LAKE HATCHERY
RELEASE OF- COMO SALMON.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION	RELEASE LOCATION
1958-61	0	0	0						
1962	148,000		763.4	5.1		11-12/63	BEAR L		
1963	43,000		116.1	2.7		9/64	BEAR L		
1964	69,800		333.4	4.7		8- 9/65	BEAR L		
1965	360,100		277.6	0.7	0.6- 1.6	7- 8/66	BEAR L		
1966	246,400		683.6	2.7	2.5- 3.4	8/67	BEAR L		
1966		129,300	2,932.5	22.6		4/68	SHIP CR		
1966		42,400	1,068.7	25.2		4/68	SEWARD LAGOON		
1967		112,400	3,804.7	33.8		5/69	SHIP CR		
1967		47,900	1,584.4	33.0		5/69	BEAR L		
1967		27,100	845.9	31.2		5/69	SEWARD LAGOON		
1968		177,200	7,554.8	43.1		5/70	SHIP CR		
1968		6,400	200.8	43.8		5/70	BEAR L		
1968		3,200	139.7	43.6		5/70	BOX CANYON CR		
1968		39,900	1,670.1	41.8		5/70	SEWARD LAGOON		
1969		38,400	964.3	31.7		5/71	SHIP CR		
1969		51,000	1,615.7	31.6		5/71	BEAR L		
1969		10,900	349.3	32.0		5/71	SEWARD LAGOON		
1970		87,700	2,743.8	31.2		5/72	SHIP CR		
1970		155,500	4,559.5	29.3		5/72	BEAR L		
1970		66,500	1,795.8	27.0		5/72	SEWARD LAGOON		
1971	450,000		237.2	0.5		6/72	BEAR L		
1971		77,100	4,048.3	52.5		5/73	SHIP CR		
1971		30,200	1,542.2	51.0		5/73	SEWARD LAGOON		
1972	443,300		302.1	0.6		6/73	BEAR L		
1972		90,500	4,339.1	47.9		5/74	SHIP CR		
1972		100,000	4,821.2	48.2		5/74	SEWARD LAGOON	SHIP CR	
1973		206,800	9,230.2	44.6		5/75	SEWARD LAGOON	SHIP CR	
1974		225,000	8,619.2	38.1		5/76	SEWARD LAGOON	SHIP CR	BEAR L

TABLE 6.--ALASKA
 HALIBUT COVE LAGOON
 RELEASE OF-- SPRING CHINOOK SALMON.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1968-71	-	-	-	-	-	-	-	-
1972	-	7,882	576.5	73.1	-	9-10/74	HALIBUT LAGOON	-
1973	-	7,142	280.9	28.1	-	7- 8/75	HALIBUT LAGOON	-
1974	-	16,183	317.1	19.5	-	5/76	HALIBUT LAGOON	-

-- INDICATES HATCHERY NOT IN OPERATION

TABLE 7.--ALASKA
HALIBUT COVE LAGOON
RELEASE OF-- COHO SALMON.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION	RELEASE LOCATION
1960-71	-	-	-	-	-	-	-	-	-
1972	-	7,956	227.7	28.6	-	9/74	HALIBUT LAGOON	-	-
1973	-	7,815	475.4	60.8	-	7- 8/75	HALIBUT LAGOON	-	-
1974	2,988	-	24.9	8.5	-	7/75	HALIBUT LAGOON	-	-
1974	1,636	-	34.5	21.0	-	10/75	HALIBUT LAGOON	-	-
1974	9,568	-	88.9	9.2	-	5- 6/76	HALIBUT LAGOON	-	-
1974	-	9,950	451.3	45.3	-	9/76	HALIBUT LAGOON	-	-
1975	2,077	-	4.5	2.1	-	9/76	HALIBUT LAGOON	-	-
1975	232,029	-	1,691.4	7.2	-	10/76	HALIBUT LAGOON	-	-

-- INDICATES HATCHERY NOT IN OPERATION

TABLE 8.--ALASKA
MENDEHALL POND
RELEASE OF-- SPRING CHINOOK SALMON.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1968-71 1972	-	93,000	1,465.1	15.7	-	5- 6/74	MENDEHALL R	

--" INDICATES HATCHERY NOT IN OPERATION

TABLE 9.--ALASKA
MENDENHALL POND
RELEASE OF- COHO SALMON.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1960-71	-	-	-	-	-	-	-	-
1972	21,400	81,488	816.5	10.0	5- 6/74	MENDENHALL R	MENDENHALL R	MENDENHALL R
1973	3,884	96,679	47.6	2.2	5- 6/74	MENDENHALL R	MENDENHALL R	MENDENHALL R
1974		93,588	24.0	6.3	5/75	MENDENHALL R	MENDENHALL R	MENDENHALL R
			3,132.1	32.3	5/75	MENDENHALL R	MENDENHALL R	MENDENHALL R
			1,963.6	28.9	5/76	MENDENHALL R	MENDENHALL R	MENDENHALL R

-- INDICATES HATCHERY NOT IN OPERATION

TABLE 18.--ALASKA
STARRIGAVIN POND
RELEASE OF-- SPRING CHINOOK SALMON.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1968-70	-	-	-	-	-	-	-	-
1971	-	9,918	468.6	47.2	-	6/73	STARRIGAVIN CR	-
1972-73	0	0	0	-	-	-	-	-
1974	0	2,863	78.8	34.3	-	9/75	STARRIGAVIN CR	-

-- INDICATES HATCHERY NOT IN OPERATION

TABLE 11.--ALASKA
STARRIGAVIN POND
RELEASE OF- COHO SALMON.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1960-70	-	-	-	-	-	-	-	-
1971	-	36,837	1,634.7	45.3	-	6- 7/73	STARRIGAVIN CR	-
1972	-	226,553	6,045.0	26.6	-	6- 7/74	STARRIGAVIN CR	-
1973	-	93,481	1,183.9	12.6	-	6/75	STARRIGAVIN CR	-
1973	-	27,817	812.8	29.2	16.7- 50.3	7- 8/75	STARRIGAVIN CR	-
1974	-	103,878	785.8	6.8	4.3- 8.8	5/76	STARRIGAVIN CR	-

-- INDICATES HATCHERY NOT IN OPERATION

TABLE 12.--ALASKA
LITTLE PORT WALTER
RELEASE OF- SPRING CHINOOK SALMON.
- NATIONAL MARINE FISHERIES SERVICE

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION	RELEASE LOCATION
1960-66	-	-	-	-	-	-	-	-	-
1967-78	0	0	0	0	0	0	0	0	0
1971		7,261	93.9	12.9		5/73	L PORT WALTER		

-- INDICATES HATCHERY NOT IN OPERATION

TABLE 13.--ALASKA
LITTLE PORT WALTER
RELEASE OF- CONO SALMON.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1960-66	-	-	-	-	-	-	-	-
1967	20,000	-	9.1	0.4	7/68	BARANOF TRIBS		
1968		261	3.2	12.2	6/70	L PORT WALTER		
1969	12,000		5.4	0.4	6/70	BARANOF TRIBS		
1969		400	18.1	45.2	6/71	L PORT WALTER		
1970	0	0	0					
1971	132,000		59.9	0.4	6/72	BARANOF TRIBS		
1971	10,769		64.0	5.9	5/73	L PORT WALTER		
1972		173,000	1,743.5	10.0	4- 9/74	L PORT WALTER		
1973	0	0	0					
1974		54,419	577.0	10.6	10/75	L PORT WALTER		
1974		154,510	1,877.9	12.1	3- 6/76	L PORT WALTER		

-- INDICATES HATCHERY NOT IN OPERATION

TABLE 14.--ALASKA
LITTLE PORT WALTER
RELEASE OF-- SOCKEYE SALMON.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION	RELEASE LOCATION
1960-66	-	-	-	-	-	-	-	-	-
1967-72	0	0	0	0	0	0	0	0	0
1973		16,198	280.8	17.3		4- 6/76	L PORT WALTER		

-- INDICATES HATCHERY NOT IN OPERATION

TABLE 15.--BRITISH COLUMBIA
BIG QUALICUM HATCHERY - CANADIAN FISHERIES AND MARINE SERVICE
RELEASE OF- FALL CHINOOK SALMON.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1959-66	-	-	-	-	-	-	-	-
1967	-	147,000	579.7	3.9	-	6- 7/68	BIG QUALICUM R	ISOLUM R
1968	-	468,800	2,114.6	4.5	-	7- 8/69	BIG QUALICUM R	CAPILANO R
1969	-	67,500	317.5	4.7	4.5- 9.0	7/70	CAPILANO R	PUNTLEDGE R
1970	536,000	-	453.1	0.8	-	4- 6/71	BIG QUALICUM R	L QUALICUM R
1971	169,800	299,000	1,373.0	4.5	3.2- 5.0	7- 8/71	BIG QUALICUM R	CAPILANO R
1972	-	269,000	237.7	1.4	1.2- 1.6	5/72	BIG QUALICUM R	L QUALICUM R
1973	-	517,000	1,363.0	5.0	3.4- 5.0	6/72	BIG QUALICUM R	COLD CR
1974	-	344,582	1,876.1	3.6	-	6- 7/73	BIG QUALICUM R	-
1975	-	230,782	1,589.4	4.6	-	6- 7/74	BIG QUALICUM R	-
	-	877,862	1,889.7	8.1	-	5/75	BIG QUALICUM R	-
	-	-	5,914.8	6.7	-	6/76	BIG QUALICUM R	-

-- INDICATES HATCHERY NOT IN OPERATION

TABLE 16.--BRITISH COLUMBIA
BIG QUALICUM HATCHERY - CANADIAN FISHERIES AND MARINE SERVICE
RELEASE OF- COHO SALMON.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION	RELEASE LOCATION
1958-66	-	-	-	-	-	-	-	-	-
1967	7,000	-	21.3	3.0		6/68	OYSTER R		
1968		69,000	1,134.0	16.4		5/70	BIG QUALICUM R		
1969	316,800		110.2	0.3		4/70	CHEMANINUS R	KOKSILAH R	WOODHUS CR
1969		88,000	1,211.1	13.7		4/71	BIG QUALICUM R		
1970	550,000		191.9	0.3		5/71	CHEMANINUS R	KOKSILAH R	WOODHUS CR
1970	4,500		16.3	3.6		8/71	BIG QUALICUM R		
1970		210,000	3,401.9	16.1		3- 5/72	BIG QUALICUM R		
1971	772,000		259.4	0.3		3- 5/72	CHEMANINUS R	HUNTS CR	KOKSILAH R
1971		183,000	2,856.3	15.6	15.1- 18.1	5- 6/73	BIG QUALICUM R		
1972	10,000		3.6	0.3		4/73	WOODHUS CR		
1972		182,724	3,514.0	19.1		5- 6/74	BIG QUALICUM R		
1973		377,796	9,520.5	25.2		5/75	BIG QUALICUM R		
1974		674,214	17,884.2	26.5		5/76	BIG QUALICUM R		

-- INDICATES HATCHERY NOT IN OPERATION

TABLE 17.--BRITISH COLUMBIA
BIG QUALICUM HATCHERY - CANADIAN FISHERIES AND MARINE SERVICE
RELEASE OF- STEELHEAD TROUT.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1959-66	-	-	-	-	-	-	-	-
1967-72	0	0	0	-	-	-	-	-
1973		10,918	235.4	21.5		5/74	BIG QUALICUM R	HUNTS CR
1974	9,761		201.4	20.6		5/75	BIG QUALICUM R	
1974		23,085	1,163.5	50.4		5/75	BIG QUALICUM R	
1975		29,099	1,211.1	41.6		5/76	BIG QUALICUM R	

-- INDICATES HATCHERY NOT IN OPERATION

TABLE 10.--BRITISH COLUMBIA
CAPILANO HATCHERY - CANADIAN FISHERIES AND MARINE SERVICE
RELEASE OF- FALL CHINOOK SALMON.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1958-70	-	-	-	-	-	-	-	-
1971	-	338,150	1,727.3	5.1	-	7/72	CAPILANO R	-
1971	-	165,825	791.5	4.7	-	7/72	HARRISON R	-
1972	-	298,967	1,595.3	5.3	-	6/73	CAPILANO R	-
1973	-	298,452	1,495.5	5.0	-	6/74	CAPILANO R	-
1974	0	0	0	-	-	-	-	-
1975	-	435,031	2,552.8	5.8	-	6/76	CAPILANO R	-

-- INDICATES HATCHERY NOT IN OPERATION

TABLE 19.--BRITISH COLUMBIA
CAPILANO HATCHERY - CANADIAN FISHERIES AND MARINE SERVICE
RELEASE OF- COHO SALMON.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1958-70	-	-	-	-	-	-	-	-
1971	-	284,607	5,459.9	19.2	-	6/73	CAPILANO R	-
1972	-	255,090	4,571.3	17.9	-	6/74	CAPILANO R	-
1973	-	385,246	5,225.4	13.5	12.9- 30.2	6/75	CAPILANO R	-

-- INDICATES HATCHERY NOT IN OPERATION

TABLE 20.--BRITISH COLUMBIA
CAPILANO HATCHERY - CANADIAN FISHERIES AND MARINE SERVICE
RELEASE OF- STEELHEAD TROUT.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1958-70	-	-	-	-	-	-	-	-
1971	0	0	0	0	0	0	0	0
1972	W	41,656	908.5	21.8	21.8	6/73	CAPILANO R	CAPILANO R
1973	W	12,101	1,195.7	98.8	98.8	5/74	CAPILANO R	CAPILANO R
1974	0	0	0	0	0	0	0	0
1975	W	38,878	471.7	15.2	15.2	6/76	CAPILANO R	CAPILANO R

-- INDICATES HATCHERY NOT IN OPERATION

TABLE 21.--BRITISH COLUMBIA
PUNTLIDGE HATCHERY - CANADIAN FISHERIES AND MARINE SERVICE
RELEASE OF- FALL CHINOOK SALMON.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1959-70	-	-	-	-	-	-	-	-
1971	-	19,831	86.6	4.3	4.2-	6- 7/72	PUNTLIDGE R	
1971	-	5,070	328.4	64.7		6/73	PUNTLIDGE R	
1972	-	67,199	391.9	5.8	5.7-	6- 7/73	PUNTLIDGE R	
1973	-	101,963	600.6	5.8		6/74	PUNTLIDGE R	
1973	-	13,600	1,402.1	103.0		5/75	PUNTLIDGE R	
1974	-	39,878	274.0	6.8		6/75	PUNTLIDGE R	
1975	-	306,745	1,452.9	4.7		6/76	PUNTLIDGE R	

--" INDICATES HATCHERY NOT IN OPERATION

TABLE 22.--BRITISH COLUMBIA
QUINSAM HATCHERY - CANADIAN FISHERIES AND MARINE SERVICE
RELEASE OF- FALL CHINOOK SALMON.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1959-73	-	-	-	-	-	6/75	QUINSAM R	
1974		162,516	784.3	4.8		6/76	QUINSAM R	
1975		424,567	1,834.3	4.3				

--" INDICATES HATCHERY NOT IN OPERATION

TABLE 23.--BRITISH COLUMBIA
QUINSAM HATCHERY - CANADIAN FISHERIES AND MARINE SERVICE
RELEASE OF- COHO SALMON.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1959-72	-	-	-	-	-	-	-	-
1973	0	0	0	0	0	0	0	0
1974		1,439,959	39,697.0	27.5		4- 5/76	QUINSAM R	

-- INDICATES HATCHERY NOT IN OPERATION

TABLE 24.--BRITISH COLUMBIA
QUINSAM HATCHERY - CANADIAN FISHERIES AND MARINE SERVICE
RELEASE OF- STEELHEAD TROUT.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1959-73	-	-	-	-	-	-	-	-
1974	0	0	0	0	0	0	0	0
1975 W		19,901	1,127.2	56.6		5- 9/76	QUINSAM R	

-- INDICATES HATCHERY NOT IN OPERATION

TABLE 25.--BRITISH COLUMBIA
ROBERTSON CREEK HATCHERY-- CANADIAN FISHERIES AND MARINE SERVICE
RELEASE OF-- FALL CHINOOK SALMON.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1959-70	-	-	-	-	-	-	-	-
1971	-	30,800	147.4	4.9	-	6/72	ROBERTSON CR	-
1972	-	1,150,000	6,451.9	5.6	-	6/73	ROBERTSON CR	-
1972	-	1,050	95.3	90.7	-	4/74	ROBERTSON CR	-
1973	-	1,592,093	9,794.0	6.1	4.9- 6.3	5- 6/74	ROBERTSON CR	-
1973	-	23,844	822.8	35.7	-	10/74	ROBERTSON CR	-
1973	-	72,939	3,007.8	41.2	-	3/75	ROBERTSON CR	-
1974	-	1,460,600	8,453.1	5.7	-	6/75	ROBERTSON CR	-
1974	-	239,763	672.2	2.8	2.7- 4.4	6/75	SPROAT R	-
1975	-	962,099	4,980.9	5.1	-	5- 6/76	ROBERTSON CR	-

-- INDICATES HATCHERY NOT IN OPERATION

TABLE 26.--BRITISH COLUMBIA
ROBERTSON CREEK HATCHERY-- CANADIAN FISHERIES AND MARINE SERVICE
RELEASE OF-- COHO SALMON.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION	RELEASE LOCATION
1960-71	-	-	-	-	-	-	-	-	-
1972	-	44,536	888.0	19.7	-	4/74	ROBERTSON CR	-	-
1973	-	92,781	2,885.5	30.2	-	4/75	ROBERTSON CR	-	-
1974	-	251,357	7,262.8	28.8	-	5/76	ROBERTSON CR	-	-

-- INDICATES HATCHERY NOT IN OPERATION

TABLE 27.--BRITISH COLUMBIA
ROBERTSON CREEK HATCHERY-- CANADIAN FISHERIES AND MARINE SERVICE
RELEASE OF-- STEELHEAD TROUT.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1959-70	-	-	-					
1971-73	0	0	0					
1974		2,627	99.3	37.7		5/75	ROBERTSON CR	
1975		692	29.9	43.2		5/76	ROBERTSON CR	

--" INDICATES HATCHERY NOT IN OPERATION

TABLE 20.--BRITISH COLUMBIA
ROSEWALL HATCHERY - CANADIAN FISHERIES AND MARINE SERVICE
RELEASE OF- COHO SALMON.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1968-70	-	-	-	-	-	-	-	-
1971	-	40,048	545.2	13.6	11.5- 16.1	6/73	ROSEWALL CR	
1972	-	23,300	383.8	13.0		6/74	ROSEWALL CR	
1973	-	12,188	113.9	9.4		11/74	ROSEWALL CR	
1973	-	142,648	2,311.1	16.2	5.8- 32.3	4- 6/75	ROSEWALL CR	
1974	-	20,899	396.4	19.7		6/76	ROSEWALL CR	

--" INDICATES HATCHERY NOT IN OPERATION

TABLE 29.--COASTAL WASHINGTON
QUILCENE HATCHERY - US FISH AND WILDLIFE SERVICE
RELEASE OF- FALL CHINOOK SALMON.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1959		461,275	921.7	1.9		5/60	B QUILCENE R	
1960		462,079	1,334.5	2.8		6/61	B QUILCENE R	WALCOTT SLOUGH
1961			1,997.2	0.7		4/62	B QUILCENE R	WALCOTT SLOUGH
1961	2,040,000	709,801	1,270.1	1.7	1.2- 2.0	5- 6/62	B QUILCENE R	
1962		651,097	2,713.8	4.1		6/63	B QUILCENE R	
1963	1,139,000		747.5	0.6		4/64	B QUILCENE R	
1963		914,773	4,257.9	4.6		6/64	B QUILCENE R	
1964		2,316,591	6,679.1	2.8		6/65	B QUILCENE R	
1965		1,663,811	6,387.0	3.8		5/66	B QUILCENE R	
1966		2,022,947	6,558.5	3.2		6/67	B QUILCENE R	
1967		1,162,730	3,147.0	2.7	1.5- 4.9	5- 6/68	B QUILCENE R	
1968		1,354,714	6,520.8	4.8	4.5- 5.8	6/69	B QUILCENE R	
1969		1,047,711	4,772.2	4.5		6/70	B QUILCENE R	COOK CR
1970	1,806,000		682.7	0.3		3/71	B QUILCENE R	
1970		1,133,748	2,923.9	2.5	1.8- 2.8	5- 6/71	B QUILCENE R	
1971		456,480	976.1	2.1		5/72	B QUILCENE R	
1972		871,487	3,589.7	4.1	3.2- 5.8	5- 6/73	B QUILCENE R	
1973			172.4	0.4		3/74	B QUILCENE R	
1973	420,000	1,067,810	4,876.1	4.5	3.9- 5.1	6/74	B QUILCENE R	
1973		146,650	4,005.2	27.3		2- 3/75	B QUILCENE R	
1974		988,300	1,084.1	1.0		5/75	B QUILCENE R	
1974		310,060	1,773.5	5.7		6/75	B QUILCENE R	
1974		100,320	2,844.0	28.3		9/75	B QUILCENE R	
1975		795,328	3,310.3	4.1		6/76	B QUILCENE R	
1975		111,096	2,799.6	25.1		10/76	B QUILCENE R	

TABLE 30.---COASTAL WASHINGTON
QUILCENE HATCHERY
RELEASE OF- CONO SALMON.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1958		522,480	7,729.2	14.7		1/60	8 QUILCENE R	
1959		411,734	5,115.2	12.4	9.2- 14.6	2- 3/61	8 QUILCENE R	
1960		430,560	6,216.5	14.4	12.9- 16.1	1- 4/62	8 QUILCENE R	
1961		448,050	6,244.6	13.9	12.9- 14.6	2- 3/63	8 QUILCENE R	
1962	105,000		237.7	2.2		6/63	8 QUILCENE R	
1962		561,008	7,990.2	14.2	14.1- 15.6	2- 4/64	8 QUILCENE R	
1963	325,150		1,182.1	3.6	2.0- 4.6	5- 7/64	COOK CR	MOCLIPS R
1963		163,110	2,311.1	14.1		5/65	NCSTL WASH	
1963		976,718	12,896.1	13.2		4- 5/65	N PUGET SOUND	
1964	162,820		435.4	2.6	2.3- 3.1	7/65	COOK CR	
1964	25,000		33.6	1.3		6/65	N PUGET SOUND	MISSION CR
1964		1,070,180	15,581.4	14.5	12.2- 15.6	3- 4/66	8 QUILCENE R	
1965	249,160		96.6	0.3		3/66	8 QUILCENE R	
1965	215,900		640.9	2.9	1.5- 12.2	5- 9/66	NCSTL WASH	
1965		1,178,818	19,203.3	16.3		4/67	8 QUILCENE R	
1966	360,000		610.1	1.6	3.0- 2.6	4- 6/67	NCSTL WASH	
1966	200,000		226.8	1.1	3.7- 2.2	4- 5/67	N PUGET SOUND	
1966	1,271,170		15,870.7	12.4	11.3- 12.9	9-11/67	8 QUILCENE R	
1966		504,231	7,518.7	14.9		3/68	8 QUILCENE R	
1967	319,100		948.5	2.9	1.6- 9.4	5- 8/68	NCSTL WASH	
1967	200,000		464.5	2.3		5/68	N PUGET SOUND	
1967		120,156	1,758.1	14.6		11-12/68	NCSTL WASH	
1967		408,569	5,252.6	12.8	11.9- 16.1	2- 3/69	NCSTL WASH	
1967		590,679	7,449.8	12.6	11.6- 15.1	2- 3/69	N PUGET SOUND	
1968	180,000		66.2	0.3		4/69	8 QUILCENE R	
1968	582,332		3,574.3	6.1		8/69	8 QUILCENE R	
1968		205,345	2,780.5	13.5	10.7- 14.1	3- 5/70	NCSTL WASH	
1968		761,639	8,851.4	11.6	10.7- 13.7	3- 5/70	N PUGET SOUND	
1969	751,600		262.6	0.3		2- 3/70	8 QUILCENE R	
1969	479,402		446.8	0.9		4/70	8 QUILCENE R	
1969		582,657	7,867.1	13.5	11.6- 15.6	2- 4/71	8 QUILCENE R	
1969		215,876	3,372.0	15.6		5/71	NCSTL WASH	
1970	483,580		137.0	0.3		3/71	8 QUILCENE R	
1970	52,430		485.3	9.2		10/71	8 QUILCENE R	
1970		710,673	8,714.4	12.2	11.0- 13.7	2- 5/72	N PUGET SOUND	
1971	867,725		312.1	0.3		3- 5/72	8 QUILCENE R	
1971		500,000	7,559.6	15.1		3- 5/73	NCSTL WASH	
1971	904,333		13,495.7	14.9	12.2- 15.1	3- 5/73	8 QUILCENE R	
1972	839,100		440.6	0.5	0.3- 1.0	3- 5/73	8 QUILCENE R	
1972		778,805	13,002.2	16.6	13.7- 18.1	3- 4/74	8 QUILCENE R	
1972		500,000	8,836.4	17.6	16.1- 18.1	4- 5/74	NCSTL WASH	
1973	243,800		2,086.5	8.5		3/75	8 QUILCENE R	
1973		579,545	9,230.6	15.9		3- 5/75	8 QUILCENE R	
1973		500,520	7,788.2	15.5		6/75	NCSTL WASH	
1974	673,000		295.7	0.4		2- 3/75	8 QUILCENE R	
1974		580,184	10,963.8	18.8		3- 6/76	8 QUILCENE R	
1974	284,632		1,373.5	4.8		7/76	NCSTL WASH	

TABLE 30.--CONTINUED.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1974		500,016	9,448.3	18.8		4- 5/76	NCSTL WASH	
1975	259,320		255.4	0.9		2- 4/76	B QUILICENE R	

TABLE 31.--COASTAL WASHINGTON
QUILCENE HATCHERY - US FISH AND WILDLIFE SERVICE
RELEASE OF- CHUM SALMON.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION	RELEASE LOCATION
1959	5,296,770		1,792.1	0.3		4/60	WALCOTT SLOUGH		
1960	1,102,475		371.9	0.3		4/61	WALCOTT SLOUGH		
1961	1,278,800		487.6	0.3		5/62	WALCOTT SLOUGH		
1961		248,075	488.5	1.9		6/62	WALCOTT SLOUGH		
1962	547,916		184.2	0.3		4/63	WALCOTT SLOUGH		
1962		465,777	800.1	1.7		7/63	WALCOTT SLOUGH		
1963	3,169,000		1,182.2	0.3		4/64	WALCOTT SLOUGH		
1963		920,800	907.2	0.9		6/64	WALCOTT SLOUGH		
1964	1,057,096		357.9	0.3		5/65	WALCOTT SLOUGH		
1964		496,626	568.2	1.1		6/65	WALCOTT SLOUGH		
1965	1,542,870		518.5	0.3		4- 5/66	WALCOTT SLOUGH		
1965		264,895	889.7	3.0		6/66	WALCOTT SLOUGH		
1966	3,774,000		1,315.9	0.3		4- 6/67	WALCOTT SLOUGH		
1967	3,897,224		1,081.8	0.3		4/68	WALCOTT SLOUGH		
1968	2,100,000		732.6	0.3		4- 5/69	WALCOTT SLOUGH		
1969	4,141,932		1,445.6	0.3		4/70	WALCOTT SLOUGH		
1970	6,840,800		2,068.4	0.3		4- 5/71	WALCOTT SLOUGH	WALCOTT SLOUGH	
1970		624,740	1,146.7	1.8	1.4- 1.9	5- 6/71	WALCOTT SLOUGH		
1971	2,728,000		822.4	0.3		4- 5/72	WALCOTT SLOUGH		
1971		1,855,270	1,852.5	1.7		6/72	WALCOTT SLOUGH		
1972	2,788,000		945.3	0.3		4- 5/73	WALCOTT SLOUGH		
1972		1,130,418	2,178.6	1.9	1.2- 2.1	5- 6/73	MISSION CR	WALCOTT SLOUGH	
1973	0	0	0						
1973	4,680,000		1,634.3	0.3		3- 5/75	WALCOTT SLOUGH		
1974		1,899,590	3,140.7	1.6	1.1- 2.4	5- 6/75	HOOD CANAL TRB	MISSION CR	WALCOTT SLOUGH
1974		4,354,624	9,530.9	2.1	1.0- 2.3	5- 6/76	MISSION CR	WALCOTT SLOUGH	

TABLE 32.--COASTAL WASHINGTON
QUILIGENE HATCHERY - US FISH AND WILDLIFE SERVICE
RELEASE OF- STEELHEAD TROUT.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1959	0	0	0					
1960	H	18,031	480.8	43.8		3/61	B QUILIGENE R	
1961	M	10,041	548.8	54.6		4/62	B QUILIGENE R	
1962	M	10,094	737.5	73.0		4/63	B QUILIGENE R	
1963	M	9,928	648.5	64.5		4/64	B QUILIGENE R	
1964	M	10,000	648.2	64.8		4/65	B QUILIGENE R	
1964	M	19,925	1,290.9	64.7		4/65	DOSEWALLIPS R	
1965	M	47,900	2,634.5	55.0		4/66	HOOD CANAL TRB	
1965	M	18,000	521.6	52.1		4/66	B QUILIGENE R	
1966	M	29,000	1,685.8	58.1		4/67	DOSEWALLIPS R	DUCKABUSH R
1966	M	10,000	581.5	58.1		4/67	B QUILIGENE R	
1967	M	38,840	2,097.4	54.0		4/68	DOSEWALLIPS R	DUCKABUSH R
1967	M	9,315	457.7	49.1		4/68	CLALLUM R	DUNGENESS R
1967	M	10,315	557.0	53.9		4/68	B QUILIGENE R	
1968	M	49,514	2,637.2	53.2		4/69	HOOD CANAL TRB	
1968	M	9,902	528.4	53.3		4/69	B QUILIGENE R	

TABLE 33.--COASTAL WASHINGTON
QUINALT HATCHERY - US FISH AND WILDLIFE SERVICE
RELEASE OF- FALL CHINOOK SALMON.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1959-67	-	-	-	-	-	-	-	-
1968		867,084	3,019.6	3.4	2.2-	5-	6/69	COOK CR
1969		672,204	3,394.7	5.0	4.8-	6/70	COOK CR	COOK CR
1970	242,800		153.8	0.6		4/71	COOK CR	COOK CR
1971		862,800	3,561.2	4.1	3.9-	6/71	COOK CR	COOK CR
1972		452,700	4,289.3	9.2		6/72	COOK CR	COOK CR
1973		619,420	14,296.3	23.0	9.2-	6-10/73	COOK CR	COOK CR
1974		1,562,100	15,055.2	9.0	8.3-	6/74	COOK CR	COOK CR
1975		318,261	11,103.9	34.8		10/74	COOK CR	COOK CR
1976		327,650	2,647.2	8.0		6/75	COOK CR	COOK CR
1977		315,656	7,067.8	22.3	23.5-	8/75	COOK CR	COOK CR
1978		908,908	9,149.0	10.0		6/76	COOK CR	COOK CR
1979		361,600	7,084.2	19.5		7/76	COOK CR	COOK CR

-- INDICATES HATCHERY NOT IN OPERATION

TABLE 34.---COASTAL WASHINGTON
QUINALT HATCHERY -- US FISH AND WILDLIFE SERVICE
RELEASE OF-- COMO SALMON.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1958-67	-	-	-	-	-	-	-	-
1968		208,000	4,123.6	20.6		4/70	COOK CR	
1969		106,560	1,616.6	15.1		8-11/70	COOK CR	
1969		195,000	4,599.4	23.5	21.5- 23.8	3- 5/71	COOK CR	
1970	106,700		132.4	1.2	0.7- 2.0	3- 5/71	COOK CR	
1970	55,650		675.9	12.1		8/71	COOK CR	
1970		299,400	9,323.1	31.1		4/72	COOK CR	
1971		270,300	11,045.4	40.8		3/73	COOK CR	
1971		10,000	408.7	40.8		3/73	COOK CR	
1972		1,161,000	33,975.4	29.2		4/74	COOK CR	
1973	133,000		1,566.3	11.7		9/74	COOK CR	
1973		704,032	20,156.3	28.6		4- 5/75	MOCLIPS R	NCSTL WASH
1973		232,368	6,587.5	28.3		5/75	HUMPTULIPS R	
1973		1,039,029	31,789.1	30.5		3- 5/75	COOK CR	
1974		1,179,300	37,769.3	32.0		3- 4/76	COOK CR	
1974		418,175	11,829.2	28.8		4/76	MOCLIPS R	NCSTL WASH
1974		144,667	4,525.5	31.2		4/76	HUMPTULIPS R	
1975	329,620		2,326.9	7.0	5.8- 8.7	7- 8/76	COOK CR	NCSTL WASH

-- INDICATES HATCHERY NOT IN OPERATION

TABLE 35.--COASTAL WASHINGTON
QUINALT HATCHERY
RELEASE OF- CHUM SALMON.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1958-67	-	-	-	-	-	-	-	-
1968	8	8	8	3.1	3.1	5- 6/70	COOK CR	
1969		38,559	128.7	0.3	0.3	4/71	COOK CR	
1970	505,808		170.1	1.4	1.4	6/71	COOK CR	
1971		114,788	166.9	2.0	2.0	5- 6/72	COOK CR	
1972		1,139,240	2,356.0	3.3	3.3	5/73	COOK CR	
1973		79,648	264.8	3.3	3.3	5/74	COOK CR	
1974		193,080	653.2	2.6	2.0-	5- 6/75	COOK CR	NCSTL WASH
1975		3,193,978	8,426.8	2.5	2.3-	5- 6/76	COOK CR	NCSTL WASH
		4,128,477	10,535.6					

-- INDICATES HATCHERY NOT IN OPERATION

TABLE 36.--COASTAL WASHINGTON
QUINALT HATCHERY - US FISH AND WILDLIFE SERVICE
RELEASE OF- STEELHEAD TROUT.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1959-67	-	-	-	-	-	-	-	-
1968-71	0	0	0	0.5	45.3- 75.5	5/72	NCSTL WASH	
1972 W	15,800	221,005	13,041.7	59.0		2- 6/73	NCSTL WASH	
1972 W		17,986	1,331.3	74.3		5/74	COOK CR	
1972 W		0	0					
1973	0	48,500	3,384.3	69.7		5/75	COOK CR	
1974 W		166,600	9,349.9	56.1		5/76	COOK CR	
1975 W								

-- INDICATES HATCHERY NOT IN OPERATION

TABLE 37.--COASTAL WASHINGTON
DUNGENESS HATCHERY - WASHINGTON DEPARTMENT OF FISH
RELEASE OF- FALL CHINOOK SALMON.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION	RELEASE LOCATION
1959		1,827,986	2,247.6	1.2	1.0- 1.5	5- 9/60	S PUGET SOUND	JUAN DE FUCA	NCSTL WASH
1960		622,830	1,398.0	2.2	2.0- 2.7	8- 9/61	S PUGET SOUND	JUAN DE FUCA	NCSTL WASH
1961		728,841	1,690.1	2.3	2.0- 5.6	8- 9/62	S PUGET SOUND	JUAN DE FUCA	NCSTL WASH
1962	346,400		250.4	0.7		5/63	S PUGET SOUND	JUAN DE FUCA	NCSTL WASH
1962		796,839	1,643.4	2.0	1.6- 4.0	7- 8/63	S PUGET SOUND	JUAN DE FUCA	NCSTL WASH
1963	302,000		181.4	0.6		3/64	S PUGET SOUND	JUAN DE FUCA	NCSTL WASH
1963		803,632	2,576.9	3.2	2.2- 4.3	8- 9/64	S PUGET SOUND	JUAN DE FUCA	NCSTL WASH
1964	500,340		341.1	0.6		6/65	S PUGET SOUND	JUAN DE FUCA	NCSTL WASH
1964		1,900,963	3,059.5	1.6	1.2- 2.0	7/65	S PUGET SOUND	JUAN DE FUCA	NCSTL WASH
1965		1,672,685	2,015.8	1.2	1.1- 2.2	6- 7/66	S PUGET SOUND	JUAN DE FUCA	NCSTL WASH
1966		1,293,778	3,348.0	2.5		7/67	S PUGET SOUND	JUAN DE FUCA	NCSTL WASH
1967	208,000		145.1	0.6		4/68	S PUGET SOUND	JUAN DE FUCA	NCSTL WASH
1967		817,573	2,221.7	2.7	2.4- 5.2	6- 8/68	S PUGET SOUND	JUAN DE FUCA	NCSTL WASH
1968	249,900		133.4	0.5		5/69	S PUGET SOUND	JUAN DE FUCA	NCSTL WASH
1968		1,154,148	1,906.0	1.6		7/69	S PUGET SOUND	JUAN DE FUCA	NCSTL WASH
1969	161,000		184.3	0.6		6/70	S PUGET SOUND	JUAN DE FUCA	NCSTL WASH
1969		569,438	2,027.6	3.5		8/70	S PUGET SOUND	JUAN DE FUCA	NCSTL WASH
1970	1,143,661		615.1	0.5		4- 5/71	S PUGET SOUND	JUAN DE FUCA	NCSTL WASH
1970		841,517	2,678.0	3.1	2.7- 3.7	6/71	S PUGET SOUND	JUAN DE FUCA	NCSTL WASH
1971		89,823	5,625.0	62.6		4/73	ELNHA R	HOOD CANAL	
1972		68,682	2,371.4	39.0	37.7- 45.3	11/73	HANNA HAMMA R	SEQUIM BAY	
1972		12,496	515.3	41.2		1/74	S PUGET SOUND	ELNHA R	
1972		235,921	10,265.2	43.5	15.1- 32.3	3- 5/74	DUNGENESS R		
1973		121,325	8,663.6	71.4	50.3- 75.5	1- 5/75	ELNHA R		

TABLE 38.--COASTAL WASHINGTON
DUNGENESS HATCHERY - WASHINGTON DEPARTMENT OF FISH
RELEASE OF- SPRING CHINOOK SALMON.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION	RELEASE LOCATION
1958		176,560	1,397.5	7.9	7.5- 9.0	6- 7/60	DUNGENESS R	HOD R	HODD CANAL
1958		61,269	724.8	11.8	11.5- 11.9	5/60	DUNGENESS R	HOD R	HODD CANAL
1959	154,000		79.4	8.5		5/60	DUNGENESS R	HOD R	HODD CANAL
1959	2,022,150	694,665	1,999.4	0.9	0.8- 1.8	5-10/60	DUNGENESS R	HOD R	HODD CANAL
1959			4,794.0	6.9	5.5- 12.2	3- 5/61	DUNGENESS R	HOD R	HODD CANAL
1960	161,423		950.7	5.8	3.1- 7.5	10-12/61	DUNGENESS R	HOD R	HODD CANAL
1960		393,771	2,534.7	6.4	4.9- 11.3	1/62	DUNGENESS R	HOD R	HODD CANAL
1960		46,800	850.0	18.1	15.1- 75.5	1/62	DUNGENESS R	HOD R	HODD CANAL
1961	516,650		1,305.9	2.5	1.3- 4.5	6-11/62	DUNGENESS R	HOD R	HODD CANAL
1961		484,938	3,074.4	6.6	4.4- 8.3	1- 5/63	DUNGENESS R	HOD R	HODD CANAL
1962	45,900		24.5	0.5		5/63	DUNGENESS R	HOD R	HODD CANAL
1962	1,023,229		3,074.9	3.0	0.5- 7.4	5- 9/63	DUNGENESS R	HOD R	HODD CANAL
1962		294,823	7,644.8	25.9	7.5- 56.6	4- 5/64	DUNGENESS R	HOD R	HODD CANAL
1963		101,930	667.7	6.5	6.4- 6.6	4/65	DUNGENESS R	HOD R	HODD CANAL
1963		389,906	6,364.8	16.3	12.9- 18.8	3- 5/65	DUNGENESS R	HOD R	HODD CANAL
1964		62,789	2,099.7	33.4	23.8- 56.6	4/66	DUNGENESS R	HOD R	HODD CANAL
1965		255,672	11,715.4	45.8	37.7- 55.6	4- 5/67	DUNGENESS R	HOD R	HODD CANAL
1966	30,060		303.0	10.0		8/67	DUNGENESS R	HOD R	HODD CANAL
1966		122,764	3,123.0	25.4	23.8- 30.2	10-11/67	DUNGENESS R	HOD R	HODD CANAL
1966		558,912	20,558.9	36.7	20.6- 37.7	1- 4/68	DUNGENESS R	HOD R	HODD CANAL
1967		255,824	9,691.9	37.7	22.6- 56.6	1- 5/69	DUNGENESS R	HOD R	HODD CANAL
1968		389,410	8,024.0	25.9		4/70	DUNGENESS R	HOD R	HODD CANAL
1969		154,144	9,683.7	62.8		4/71	DUNGENESS R	HOD R	HODD CANAL
1970		36,026	1,229.2	34.1		12/71	DUNGENESS R	HOD R	HODD CANAL
1970		245,355	8,298.8	33.8	22.5- 50.3	3- 4/72	DUNGENESS R	HOD R	HODD CANAL
1971		191,760	5,131.5	26.7	22.6- 30.2	10-12/72	DUNGENESS R	HOD R	HODD CANAL
1971		156,170	6,670.1	40.1	32.3- 50.3	3- 5/73	DUNGENESS R	HOD R	HODD CANAL
1972		30,381	2,120.1	69.7		3/74	DUNGENESS R	HOD R	HODD CANAL
1973	105,300		530.7	5.0		6/74	DOSEWALLIPS R	DOSEWALLIPS R	
1973		59,360	1,682.8	28.3		10/74	DOSEWALLIPS R	DOSEWALLIPS R	
1973		257,709	13,231.7	51.3	45.3- 64.7	2- 3/75	DUNGENESS R	DOSEWALLIPS R	JUAN DE FUCA
1974		91,059	8,287.1	91.0	75.5-151.1	1- 3/76	DUNGENESS R	DOSEWALLIPS R	JUAN DE FUCA

TABLE 39.--COASTAL WASHINGTON
DUNGENESS HATCHERY - WASHINGTON DEPARTMENT OF FISH
RELEASE OF- COHO SALMON.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION	RELEASE LOCATION
1958	593,743		1,569.4	2.6	1.2- 5.2	1- 4/60	S PUGET SOUND	JUAN DE FUCA	NCSTL WASH
1958		388,894	2,791.9	7.1	5.3- 9.0	5- 7/60	S PUGET SOUND	JUAN DE FUCA	NCSTL WASH
1959	120,050		405.5	3.3	2.7- 6.5	6-10/60	S PUGET SOUND	JUAN DE FUCA	NCSTL WASH
1959	24,770		102.1	4.1		1/61	S PUGET SOUND	JUAN DE FUCA	NCSTL WASH
1959		792,221	6,117.1	7.7	5.3- 11.3	4- 6/61	S PUGET SOUND	JUAN DE FUCA	NCSTL WASH
1959			186.6	0.5		6/61	S PUGET SOUND	JUAN DE FUCA	NCSTL WASH
1960	287,740		1,786.2	4.0	3.2- 5.6	11-12/61	S PUGET SOUND	JUAN DE FUCA	NCSTL WASH
1960	441,818		5,747.9	5.3	4.1- 11.9	1- 2/62	S PUGET SOUND	JUAN DE FUCA	NCSTL WASH
1960		1,874,966	282.6	0.4		3- 6/62	S PUGET SOUND	JUAN DE FUCA	NCSTL WASH
1961	634,180		1,277.8	1.9	0.9- 3.5	8-10/62	S PUGET SOUND	JUAN DE FUCA	NCSTL WASH
1961	667,639		34.8	14.5	14.1- 15.1	19/62	S PUGET SOUND	JUAN DE FUCA	NCSTL WASH
1961		2,330	1,532.2	5.1	2.1- 11.3	2- 4/63	S PUGET SOUND	JUAN DE FUCA	NCSTL WASH
1961	380,163		697.2	15.1		5/63	S PUGET SOUND	JUAN DE FUCA	NCSTL WASH
1961		46,124	2,189.9	1.4	0.5- 2.5	5-11/63	S PUGET SOUND	JUAN DE FUCA	NCSTL WASH
1962	1,521,417		7,423.5	8.8	5.6- 9.4	3- 6/64	S PUGET SOUND	JUAN DE FUCA	NCSTL WASH
1962		843,301	2,703.9	15.1		3- 4/64	S PUGET SOUND	JUAN DE FUCA	NCSTL WASH
1962		178,830	5,304.3	3.9	1.8- 7.6	8-11/64	S PUGET SOUND	JUAN DE FUCA	NCSTL WASH
1963	1,330,086		6,990.8	15.1	11.5- 25.1	3- 5/65	S PUGET SOUND	JUAN DE FUCA	NCSTL WASH
1963		459,975	3,953.1	4.5	1.8- 9.0	7-11/65	S PUGET SOUND	JUAN DE FUCA	NCSTL WASH
1964	878,267		21,775.6	11.6	5.6- 22.6	1- 5/66	S PUGET SOUND	JUAN DE FUCA	NCSTL WASH
1964		1,865,768	333.8	0.4		5- 6/66	S PUGET SOUND	JUAN DE FUCA	NCSTL WASH
1965	678,542		1,564.0	1.7	0.5- 10.7	6-11/66	S PUGET SOUND	JUAN DE FUCA	NCSTL WASH
1965	898,028		20,251.5	15.5	11.9- 21.5	5- 6/67	S PUGET SOUND	JUAN DE FUCA	NCSTL WASH
1965		1,302,128	8,733.8	18.5	17.4- 21.5	4- 5/68	S PUGET SOUND	JUAN DE FUCA	NCSTL WASH
1966	471,818		7,199.0	9.6	8.5- 12.9	5/69	S PUGET SOUND	JUAN DE FUCA	NCSTL WASH
1967	748,170		1,357.1	21.6		5/69	S PUGET SOUND	JUAN DE FUCA	NCSTL WASH
1967	62,825		7,790.4	9.2	8.8- 10.0	5- 6/70	S PUGET SOUND	JUAN DE FUCA	NCSTL WASH
1968	839,295		12,917.4	15.3	12.9- 19.7	6- 7/70	S PUGET SOUND	JUAN DE FUCA	NCSTL WASH
1968	842,848		1,584.9	8.7	7.5- 9.0	4- 4/71	S PUGET SOUND	JUAN DE FUCA	NCSTL WASH
1969	180,121		13,521.4	16.3	11.0- 20.6	4- 6/71	S PUGET SOUND	JUAN DE FUCA	NCSTL WASH
1969	834,829		308.9	0.3		5- 6/71	S PUGET SOUND	JUAN DE FUCA	NCSTL WASH
1970	984,744		3,676.4	5.9	0.5- 10.3	7-10/71	S PUGET SOUND	JUAN DE FUCA	NCSTL WASH
1970	617,519		977.5	7.8		2/72	S PUGET SOUND	JUAN DE FUCA	NCSTL WASH
1970	124,983		11,776.2	22.5	15.1- 23.8	5- 7/72	S PUGET SOUND	JUAN DE FUCA	NCSTL WASH
1970		521,358	2,639.8	4.3	3.8- 4.7	11/72	S PUGET SOUND	JUAN DE FUCA	NCSTL WASH
1971	610,641		12,530.0	18.8	10.0- 45.3	5- 7/73	DUNGENESS R	JUAN DE FUCA	NCSTL WASH
1971		666,331	181.4	1.5		9/73	DUNGENESS R	JUAN DE FUCA	NCSTL WASH
1972	128,800		997.9	3.4		11/73	DUNGENESS R	JUAN DE FUCA	NCSTL WASH
1972	293,898		22,575.7	19.4		5- 7/74	DUNGENESS R	JUAN DE FUCA	NCSTL WASH
1972		1,160,899	25,296.8	18.8		6/75	DUNGENESS R	JUAN DE FUCA	NCSTL WASH
1973		1,338,480	136.1	1.3		6/75	DUNGENESS R	JUAN DE FUCA	NCSTL WASH
1974	99,800		3,968.9	20.1	16.7- 20.6	4/76	DOSEWALLIPS R	HOOD CANAL TRB	JUAN DE FUCA
1974		196,750	703.1	18.3		4/76	HOOD CANAL TRB	S PUGT SND TRB	JUAN DE FUCA
1974		38,350	9,502.8	24.3		4- 5/76	DUNGENESS R	STLLAGUANISH R	JUAN DE FUCA
1974		389,840	2,975.1	19.6		4/76	HOOD CANAL TRB		JUAN DE FUCA
1974		151,608							

TABLE 40.--COASTAL WASHINGTON
DUNGENESS HATCHERY - WASHINGTON DEPARTMENT OF FISH
RELEASE OF- CHUM SALMON.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1959-62	0	0	0					
1963		66,848	86.6	1.2	1.0- 2.2	5/64	DUNGENESS R	
1964-68	0	0	0					
1969	1,127,496		341.1	0.3		5/70	DUNGENESS R	JUAN DE FUCA
1970-74	0	0	0					
1975		499,500	151.0	0.3		3/76	DUNGENESS R	

TABLE 41.--COASTAL WASHINGTON
DUNGENESS HATCHERY - WASHINGTON DEPARTMENT OF FISH
RELEASE OF- PINK SALMON.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1959-60	0	0	0	0.3				
1969	1,350,674	0	425.5			4/70	DUNGENESS R	
1970-72	0	0	8					

TABLE 42.--COASTAL WASHINGTON
GEORGE ADAMS HATCHERY - WASHINGTON DEPARTMENT OF FISH
RELEASE OF- FALL CHINOOK SALMON.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION	RELEASE LOCATION
1959	-	-	-	-	-	-	-	-	-
1960	0	0	0	0.4	2.2-	2- 3/62	HOOD CANAL	S PUGET SOUND	JUAN DE FUCA
1961	1,291,347	998,218	592.4	2.6	2.2-	5/62	HOOD CANAL	S PUGET SOUND	JUAN DE FUCA
1962	32,670		2,606.8	0.4	2.2-	1/63	HOOD CANAL	S PUGET SOUND	JUAN DE FUCA
1963	609,760	1,059,322	15.0	2.3	2.2-	5/63	HOOD CANAL	S PUGET SOUND	JUAN DE FUCA
1964	47,124	2,089,233	2,520.6	0.4	2.5-	2/64	HOOD CANAL	S PUGET SOUND	JUAN DE FUCA
1965	604,208		268.5	2.9	3.1	5/64	HOOD CANAL	S PUGET SOUND	JUAN DE FUCA
1966	21,000	1,683,341	6,132.1	0.3	3.3-	11/64	HOOD CANAL	S PUGET SOUND	JUAN DE FUCA
1967	153,082	1,366,686	15.0	1.0	3.3-	3/65	HOOD CANAL	S PUGET SOUND	JUAN DE FUCA
1968	2,052,582	1,623,772	640.1	3.5	3.7-	5/65	HOOD CANAL	S PUGET SOUND	JUAN DE FUCA
1969	828,520	1,707,489	9.5	0.4	3.7-	1/66	HOOD CANAL	S PUGET SOUND	JUAN DE FUCA
1970	1,007,588	2,324,865	5,487.6	0.5	2.5-	5/66	HOOD CANAL	S PUGET SOUND	JUAN DE FUCA
1971		2,721,300	86.6	4.3	5.6	3/67	HOOD CANAL	S PUGET SOUND	JUAN DE FUCA
1972		2,007,200	7,014.4	0.5	6.8-	5/67	HOOD CANAL	S PUGET SOUND	JUAN DE FUCA
1973		1,766,800	1,224.2	0.5	9.1-	3/68	HOOD CANAL	S PUGET SOUND	JUAN DE FUCA
1974		1,663,414	7,593.1	4.4	6.9-	3/69	HOOD CANAL	S PUGET SOUND	JUAN DE FUCA
1975		1,000,000	488.1	0.5	3.3-	5/69	HOOD CANAL	S PUGET SOUND	JUAN DE FUCA
1976		1,649,210	11,462.3	4.9	3.9-	5/70	HOOD CANAL	S PUGET SOUND	JUAN DE FUCA
1977			12,522.3	4.6	7.3	3/71	HOOD CANAL	S PUGET SOUND	JUAN DE FUCA
1978			713.5	0.7	3.9-	5/72	HOOD CANAL	S PUGET SOUND	JUAN DE FUCA
1979			11,380.6	5.6	3.9-	5/73	HOOD CANAL	S PUGET SOUND	JUAN DE FUCA
1980			13,973.8	7.8	3.9-	5-6/73	S PUGT SND TRB	HOOD CANAL TRB	JUAN DE FUCA
1981			15,446.2	7.0	3.9-	5-10/74	SKOKONISH R	HOOD CANAL TRB	JUAN DE FUCA
1982			16,284.5	9.7	3.9-	6-7/75	SKOKONISH R	HOOD CANAL TRB	JUAN DE FUCA
1983			5,883.5	8.4	3.9-	9/75	SKOKONISH R	HOOD CANAL TRB	JUAN DE FUCA
1984			1,884.2	23.8	3.9-	5/76	PUYALLUP R	HOOD CANAL TRB	JUAN DE FUCA
1985			3,310.3	3.3	3.9-	5/76	NISQUALLY R	HOOD CANAL TRB	JUAN DE FUCA
1986			3,618.1	3.6	3.9-	5-6/76	NISQUALLY R	HOOD CANAL TRB	JUAN DE FUCA
1987			10,135.1	6.1	3.9-	5-6/76	NISQUALLY R	HOOD CANAL TRB	JUAN DE FUCA

-- INDICATES HATCHERY NOT IN OPERATION

TABLE 43.--COASTAL WASHINGTON
GEORGE ADAMS HATCHERY - WASHINGTON DEPARTMENT OF FISH
RELEASE OF- SPRING CHINOOK SALMON.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION	RELEASE LOCATION
1959	-	-	-	-	-	-	-	-	-
1968-72	0	8	8	-	-	-	-	-	-
1973		119,460	5,123.3	42.8	18.1 - 53.3	7-10/74	SKOKOMISH R		
1973		127,791	8,288.3	64.7		1/75	SKOKOMISH R		
1974		90,900	10,307.9	113.3		1/76	SKOKOMISH R		

--" INDICATES HATCHERY NOT IN OPERATION

TABLE 44.--COASTAL WASHINGTON
GEORGE ADAMS HATCHERY - WASHINGTON DEPARTMENT OF FISH
RELEASE OF-- COHO SALMON.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION	RELEASE LOCATION
1958-59	-	-	-	-	-	-	-	-	-
1960	-	88,384	713.8	8.0	7.1- 8.7	12/61	HOOD CANAL	S PUGET SOUND	S PUGT SND TRB
1960	-	191,233	1,753.1	9.1	7.9- 9.6	1/62	HOOD CANAL	S PUGET SOUND	S PUGT SND TRB
1961	258,031	-	119.7	0.4	-	3-	HOOD CANAL	S PUGET SOUND	S PUGT SND TRB
1961	302,549	-	946.6	3.1	2.8- 3.5	8/62	HOOD CANAL	S PUGET SOUND	S PUGT SND TRB
1961	-	241,339	2,237.6	9.2	8.5- 10.7	2/63	HOOD CANAL	S PUGET SOUND	S PUGT SND TRB
1962	685,400	-	195.8	0.3	-	3-	HOOD CANAL	S PUGET SOUND	S PUGT SND TRB
1962	477,945	-	1,811.6	3.7	1.5- 5.0	6-	HOOD CANAL	S PUGET SOUND	S PUGT SND TRB
1962	-	314,232	4,570.9	14.5	11.3- 20.6	2/64	HOOD CANAL	S PUGET SOUND	S PUGT SND TRB
1963	265,208	-	92.5	0.3	-	3/64	HOOD CANAL	S PUGET SOUND	S PUGT SND TRB
1963	-	570,387	8,542.5	14.9	14.1- 16.7	2-	HOOD CANAL	S PUGET SOUND	S PUGT SND TRB
1964	-	9,988	149.7	15.1	-	3/65	HOOD CANAL	S PUGET SOUND	S PUGT SND TRB
1964	-	1,212,180	21,215.4	17.5	13.3- 18.8	1-	HOOD CANAL	S PUGET SOUND	S PUGT SND TRB
1965	98,400	-	37.2	0.3	-	2/66	HOOD CANAL	S PUGET SOUND	S PUGT SND TRB
1965	-	804,700	22,813.8	28.3	-	4/67	HOOD CANAL	S PUGET SOUND	S PUGT SND TRB
1966	455,483	-	176.8	0.3	-	2/67	HOOD CANAL	S PUGET SOUND	S PUGT SND TRB
1966	-	1,086,533	32,856.4	30.2	-	5/68	HOOD CANAL	PALIX R	S PUGT SND TRB
1967	70,200	-	35.4	0.5	-	3/68	HOOD CANAL	PALIX R	S PUGT SND TRB
1967	-	1,921,880	51,279.1	26.6	-	4/69	HOOD CANAL	PALIX R	S PUGT SND TRB
1968	860,472	-	310.3	0.3	-	3/69	HOOD CANAL	PALIX R	S PUGT SND TRB
1968	-	2,009,180	50,197.3	24.9	22.5- 25.1	4/70	HOOD CANAL	PALIX R	S PUGT SND TRB
1969	610,000	-	217.3	0.3	-	2/70	HOOD CANAL	PALIX R	S PUGT SND TRB
1969	240,130	-	184.6	0.7	-	4/70	HOOD CANAL	PALIX R	S PUGT SND TRB
1969	-	2,455,925	75,052.3	30.5	22.5- 34.8	4-	HOOD CANAL	PALIX R	S PUGT SND TRB
1970	297,600	-	189.8	0.3	-	3/71	HOOD CANAL	PALIX R	S PUGT SND TRB
1970	-	2,183,933	49,530.9	22.6	-	4/72	HOOD CANAL	PALIX R	S PUGT SND TRB
1971	1,139,050	-	407.3	0.3	-	3/72	HOOD CANAL	PALIX R	S PUGT SND TRB
1971	-	2,138,272	47,162.7	22.0	17.4- 22.6	3-	HOOD CANAL	PALIX R	S PUGT SND TRB
1972	375,680	-	136.5	0.3	-	4/73	HOOD CANAL	PALIX R	S PUGT SND TRB
1972	-	2,066,050	52,053.3	25.1	-	3/73	HOOD CANAL	SKOKOMISH R	S PUGT SND TRB
1972	-	1,316,582	35,126.6	26.6	-	4/74	NISQUALLY R	SKOKOMISH R	S PUGT SND TRB
1973	-	-	-	-	-	5/75	SKOKOMISH R	-	-

-- INDICATES HATCHERY NOT IN OPERATION

TABLE 45.--COASTAL WASHINGTON
GEORGE ADAMS HATCHERY - WASHINGTON DEPARTMENT OF FISH
RELEASE OF- CHUM SALMON.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION	RELEASE LOCATION
1959	-	-	-	-	-	-	-	-	-
1960-61	0	0	0	0.2	0.2	12/62	HOOD CANAL		
1962	9,578		2.7	0.2	0.2	4/63	S PUGET SOUND		
1963-70	0		0						
1971		508,000	153.0	0.3	0.3	3/72	SKOKOMISH R		
1972	64,600		18.1	0.2	0.2	3/73	SKOKOMISH R		
1973	210,800		60.0	0.3	0.3	4/74	SKOKOMISH R		
1974		742,300	1,219.3	1.6	1.6	4- 5/75	HOOD CANAL TR8		

-- INDICATES HATCHERY NOT IN OPERATION

TABLE 46.--COASTAL WASHINGTON
GEORGE ADAMS HATCHERY - WASHINGTON DEPARTMENT OF FISH
RELEASE OF- PINK SALMON.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION	RELEASE LOCATION
1959	-	-	-	-	-	-	-	-	-
1960	0	0	0	0	0	1- 2/62	HOOD CANAL TRB	SKOKOMISH R	SKOKOMISH R
1961	1,825,528	0	270.3	0.2	0	1- 2/64	S PUGET SOUND	SKOKOMISH R	SKOKOMISH R
1962	0	0	0	0	0				
1963	750,868	0	220.0	0.2	0				
1964	0	0	0	0	0				

-- INDICATES HATCHERY NOT IN OPERATION

TABLE 47.--COASTAL WASHINGTON
GREEN RIVER HATCHERY - WASHINGTON DEPARTMENT OF FISH
RELEASE OF- FALL CHINOOK SALMON.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION	RELEASE LOCATION
1959	4,375,818		2,185.0	0.4		2- 3/60	CHEHALIS R	HOOD CANAL TRB	S PUGT SNO TRB
1959	3,269,341		4,174.9	1.2	1.8- 1.5	3- 5/60	CHEHALIS R	HOOD CANAL TRB	S PUGT SNO TRB
1959		3,340,329	6,004.7	1.7	1.5- 3.0	4- 5/60	CHEHALIS R	HOOD CANAL TRB	S PUGT SNO TRB
1960	479,955		207.3	0.4		3/61	CHEHALIS R	HOOD CANAL TRB	S PUGT SNO TRB
1960	1,665,280		1,109.8	0.6		2- 3/61	CHEHALIS R	HOOD CANAL TRB	S PUGT SNO TRB
1960		4,258,936	12,679.7	2.9	1.9- 3.8	4- 5/61	CHEHALIS R	HOOD CANAL TRB	S PUGT SNO TRB
1961	1,508,650		741.2	0.4		2- 3/62	CHEHALIS R	HOOD CANAL TRB	S PUGT SNO TRB
1961	289,460		204.1	0.7		3- 4/62	CHEHALIS R	HOOD CANAL TRB	S PUGT SNO TRB
1961		3,982,124	9,505.0	2.3	1.5- 2.6	5- 6/62	CHEHALIS R	HOOD CANAL TRB	S PUGT SNO TRB
1962	1,341,970		668.1	0.4		2/63	CHEHALIS R	HOOD CANAL TRB	S PUGT SNO TRB
1962	898,407		910.4	1.0	0.9- 1.3	3/63	CHEHALIS R	HOOD CANAL TRB	S PUGT SNO TRB
1962		3,217,674	9,328.6	2.8	2.3- 3.3	4- 5/63	CHEHALIS R	HOOD CANAL TRB	S PUGT SNO TRB
1963	4,607,400		2,094.7	0.4		2/64	CHEHALIS R	HOOD CANAL TRB	S PUGT SNO TRB
1963	82,560		58.5	0.7		3/64	CHEHALIS R	HOOD CANAL TRB	S PUGT SNO TRB
1963		4,053,835	13,109.3	3.2	2.8- 4.1	4- 5/64	CHEHALIS R	HOOD CANAL TRB	S PUGT SNO TRB
1964	557,112		227.2	0.4		12/64	CHEHALIS R	HOOD CANAL TRB	S PUGT SNO TRB
1964	3,888,217		1,823.9	0.4		2- 3/65	CHEHALIS R	HOOD CANAL TRB	S PUGT SNO TRB
1964	448,970		293.8	0.6		3/65	CHEHALIS R	HOOD CANAL TRB	S PUGT SNO TRB
1964		4,289,939	12,056.5	2.8	1.4- 4.5	4- 5/65	CHEHALIS R	HOOD CANAL TRB	S PUGT SNO TRB
1965	250,040		120.7	0.4		2/66	CHEHALIS R	HOOD CANAL TRB	S PUGT SNO TRB
1965	1,362,126		1,212.9	0.8		4/66	CHEHALIS R	HOOD CANAL TRB	S PUGT SNO TRB
1965		4,137,649	17,632.5	4.2	2.6- 6.2	4- 6/66	CHEHALIS R	HOOD CANAL TRB	S PUGT SNO TRB
1966	19,800		10.0	0.5		1/67	CHEHALIS R	HOOD CANAL TRB	S PUGT SNO TRB
1966		4,167,586	11,066.3	2.6	2.3- 4.0	5- 6/67	CHEHALIS R	HOOD CANAL TRB	S PUGT SNO TRB
1967	1,435,500		723.5	0.5		2/68	CHEHALIS R	HOOD CANAL TRB	S PUGT SNO TRB
1967		4,317,357	20,688.8	4.7	4.3- 5.6	5/68	CHEHALIS R	HOOD CANAL TRB	S PUGT SNO TRB
1968	1,986,725		861.4	0.4		3/69	CHEHALIS R	HOOD CANAL TRB	S PUGT SNO TRB
1968	570,860		662.2	1.1		4/69	CHEHALIS R	HOOD CANAL TRB	S PUGT SNO TRB
1968		4,913,589	20,258.8	4.1	3.1- 5.0	5- 6/69	CHEHALIS R	HOOD CANAL TRB	S PUGT SNO TRB
1969	2,270,476		3,174.2	1.3	1.3- 1.4	4/70	CHEHALIS R	HOOD CANAL TRB	S PUGT SNO TRB
1969		2,614,487	11,598.4	4.4	2.2- 4.8	5/70	CHEHALIS R	HOOD CANAL TRB	S PUGT SNO TRB
1970	1,552,467		1,512.7	0.9	0.5- 1.7	2- 4/71	CHEHALIS R	HOOD CANAL TRB	S PUGT SNO TRB
1970		3,312,212	14,963.6	4.5	4.1- 6.8	5- 6/71	CHEHALIS R	HOOD CANAL TRB	S PUGT SNO TRB
1971	7,101,400		3,242.7	0.4		2- 3/72	CHEHALIS R	HOOD CANAL TRB	S PUGT SNO TRB
1971		3,698,935	19,968.8	5.1	3.8- 32.3	5- 12/72	CHEHALIS R	HOOD CANAL TRB	S PUGT SNO TRB
1972	398,640		212.7	0.5		2/73	HOOD CANAL TRB	S PUGT SNO TRB	
1972	433,046		836.0	1.9		5/73	HOOD CANAL TRB	S PUGT SNO TRB	
1972		2,931,860	11,959.9	4.0	2.5- 5.0	5- 6/73	HOOD CANAL TRB	S PUGT SNO TRB	
1972		385,272	1,426.1	3.7	3.2- 5.0	5- 6/73	HOOD CANAL TRB	S PUGT SNO TRB	
1973	3,141,600		1,714.6	0.5		2- 3/74	NISQUALLY R	S PUGT SNO TRB	
1973		2,849,275	9,819.4	3.4	2.8- 4.5	4- 5/74	DUNAMISH R		
1973		49,361	1,599.4	32.4		3/75	GREEN R		
1973	96,000		136.1	1.4		3/75	GREEN R		
1974		2,193,981	10,700.2	4.8		5/75	GREEN R		
1974		421,589	27,318.5	64.7		3/76	GREEN R		
1975	1,349,744		1,348.5	0.9	0.4- 1.3	2- 3/76	GREEN R		
1975		1,570,851	3,375.2	2.1		4/76	GREEN R		

DUNAMISH R

SNOMISH R

TABLE 47.--CONTINUED.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1975		1,794,750	9,924.6	5.5		5/76	GREEN R	

TABLE 48.--COASTAL WASHINGTON
GREEN RIVER HATCHERY - WASHINGTON DEPARTMENT OF FISH
RELEASE OF- SPRING CHINOOK SALMON.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1960-73	0	0	0					
1974		147,956	3,195.6	21.5		10/75	GREEN R	
1975	950,540		2,536.5	2.6		10/76	GREEN R	

TABLE 49.--COASTAL WASHINGTON
GREEN RIVER HATCHERY - WASHINGTON DEPARTMENT OF FISH
RELEASE OF- COHO SALMON.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION	RELEASE LOCATION
1958		470,165	3,213.7	6.8	4.8- 11.6	1/60	HOOD CANAL TRB	S	PUGT SND TRB
1959	863,646		1,399.8	1.6	1.2- 2.6	6- 9/60	HOOD CANAL TRB	S	PUGT SND TRB
1959		941,759	7,956.0	8.4	7.1- 11.6	1- 2/61	HOOD CANAL TRB	S	PUGT SND TRB
1960	4,086,378		1,538.1	0.3		2- 4/61	HOOD CANAL TRB	S	PUGT SND TRB
1960	1,602,870		3,921.8	2.4	0.5- 9.8	3- 11/61	HOOD CANAL TRB	S	PUGT SND TRB
1960		1,140,315	9,423.8	8.2	5.8- 10.3	1/62	HOOD CANAL TRB	S	PUGT SND TRB
1961	1,158,944		474.5	0.4		4/62	HOOD CANAL TRB	S	PUGT SND TRB
1961	520,911		670.0	1.2	1.1- 1.9	6- 7/62	HOOD CANAL TRB	S	PUGT SND TRB
1961		695,136	5,145.5	7.4	6.6- 8.0	2/63	HOOD CANAL TRB	S	PUGT SND TRB
1962	1,075,870		3,613.3	3.3	2.2- 7.1	3- 8/63	HOOD CANAL TRB	S	PUGT SND TRB
1962		1,253,930	18,667.5	14.8	12.2- 18.1	1- 3/64	HOOD CANAL TRB	S	PUGT SND TRB
1963	126,790		441.3	3.4		7/64	HOOD CANAL TRB	S	PUGT SND TRB
1963		1,332,622	19,546.2	14.6	12.5- 19.7	1- 4/65	HOOD CANAL TRB	S	PUGT SND TRB
1964	633,765		2,908.0	4.5	4.1- 4.7	7/65	HOOD CANAL TRB	S	PUGT SND TRB
1964		2,100	31.8	15.1		12/65	HOOD CANAL TRB	S	PUGT SND TRB
1964		799,440	15,714.3	19.6	15.6- 28.3	2- 4/66	HOOD CANAL TRB	S	PUGT SND TRB
1965	2,513,680		1,096.3	0.4		3/66	HOOD CANAL TRB	S	PUGT SND TRB
1965	572,592		4,064.6	7.0	6.8- 7.1	7/66	HOOD CANAL TRB	S	PUGT SND TRB
1965		1,124,440	25,501.9	22.6		3/67	HOOD CANAL TRB	S	PUGT SND TRB
1966	736,610		280.8	0.3		3/67	HOOD CANAL TRB	S	PUGT SND TRB
1966		1,497,365	35,280.4	23.5	22.6- 23.8	3- 4/68	HOOD CANAL TRB	S	PUGT SND TRB
1967	1,023,772		382.8	0.3		3/68	HOOD CANAL TRB	S	PUGT SND TRB
1967		1,617,829	38,714.6	23.9	12.9- 25.1	3- 5/69	HOOD CANAL TRB	S	PUGT SND TRB
1968	2,279,304		786.5	0.3		3/69	HOOD CANAL TRB	S	PUGT SND TRB
1968		1,804,469	35,258.5	19.5	16.7- 23.8	2- 4/70	HOOD CANAL TRB	S	PUGT SND TRB
1969		1,439,774	30,187.0	20.9	18.8- 22.6	3- 4/71	HOOD CANAL TRB	S	PUGT SND TRB
1970	224,920		84.8	0.3		4/71	HOOD CANAL TRB	S	PUGT SND TRB
1970	6,023,513		21,504.8	3.5	0.6- 4.7	2- 7/71	HOOD CANAL TRB	S	PUGT SND TRB
1970		696,928	10,900.7	15.6		3/72	HOOD CANAL TRB	S	PUGT SND TRB
1971	22,860		230.4	10.0		11/72	HOOD CANAL TRB	S	PUGT SND TRB
1971		1,089,886	22,241.0	20.4	15.1- 32.3	2- 4/73	HOOD CANAL TRB	S	PUGT SND TRB
1972	476,740		178.7	0.3		3/73	HOOD CANAL TRB	S	PUGT SND TRB
1972		809,697	19,252.7	23.7	15.7- 32.3	3- 7/74	DUWAMISH R	S	PUGT SND TRB
1973	71,592		86.9	1.2		4- 6/74	DUWAMISH R	S	PUGT SND TRB
1973		1,346,080	36,384.0	27.0		4- 7/75	GREEN R	S	PUGT SND TRB
1974	520,000		188.7	0.3		3/75	GREEN R	S	PUGT SND TRB
1974		1,268,186	35,275.0	27.8	15.1- 32.3	4- 5/76	GREEN R	S	PUGT SND TRB

TABLE 50.--COASTAL WASHINGTON
GREEN RIVER HATCHERY - WASHINGTON DEPARTMENT OF FISH
RELEASE OF- CMUM SALMON.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION	RELEASE LOCATION
1959	0	0	0			4-	5/61	S PUGT SND TRB	S PUGET SOUND
1960	1,610,330	242,214	484.9	0.3			5/61	S PUGT SND TRB	S PUGET SOUND
1961	193,640	0	215.0	0.0			5/62	S PUGT SND TRB	S PUGET SOUND
1962	0	0	46.7	0.2					

TABLE 51.--COASTAL WASHINGTON
HOOD CANAL HATCHERY
RELEASE OF-- FALL CHINOOK SALMON.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION	RELEASE LOCATION
1959	105,333		46.3	0.4		2- 3/60	HOOD CANAL	S PUGET SOUND	S PUGT SND TRB
1959		1,866,441	4,236.1	2.2		5/60	HOOD CANAL	S PUGET SOUND	S PUGT SND TRB
1960		2,689,802	7,065.5	2.6	2.5- 2.6	5/61	HOOD CANAL	S PUGET SOUND	S PUGT SND TRB
1961	519,750		224.5	0.4		2/62	HOOD CANAL	S PUGET SOUND	S PUGT SND TRB
1961	666,205		935.8	1.4	1.2- 1.5	5/62	HOOD CANAL	S PUGET SOUND	S PUGT SND TRB
1961		1,951,554	4,904.7	2.5	2.4- 2.5	5/62	HOOD CANAL	S PUGET SOUND	S PUGT SND TRB
1962	188,000		85.3	0.4		2- 3/63	HOOD CANAL	S PUGET SOUND	S PUGT SND TRB
1962	492,800		319.3	0.6		3/63	HOOD CANAL	S PUGET SOUND	S PUGT SND TRB
1962		1,899,583	4,545.9	2.3	2.1- 3.4	5/63	HOOD CANAL	S PUGET SOUND	S PUGT SND TRB
1963	159,120		61.7	0.3		1/64	HOOD CANAL	S PUGET SOUND	S PUGT SND TRB
1963	307,831		421.8	1.3		4/64	HOOD CANAL	S PUGET SOUND	S PUGT SND TRB
1963		2,666,240	7,085.1	2.6	1.9- 2.7	5/64	HOOD CANAL	S PUGET SOUND	S PUGT SND TRB
1964	1,747,886		875.9	0.5		2/65	HOOD CANAL	S PUGET SOUND	S PUGT SND TRB
1964		2,172,361	6,500.8	2.9		5- 6/65	HOOD CANAL	S PUGET SOUND	S PUGT SND TRB
1965		2,253,692	7,931.5	3.5	3.1- 3.6	5/66	HOOD CANAL	S PUGET SOUND	S PUGT SND TRB
1966		2,285,910	8,625.1	3.7	2.9- 4.1	5/67	HOOD CANAL	S PUGET SOUND	S PUGT SND TRB
1967	171,150		73.9	0.4		2/68	HOOD CANAL	S PUGET SOUND	S PUGT SND TRB
1967		2,164,746	9,460.6	4.3	4.1- 4.4	5/68	HOOD CANAL	S PUGET SOUND	S PUGT SND TRB
1968	953,150		11,278.1	4.5		5/69	HOOD CANAL	S PUGET SOUND	S PUGT SND TRB
1969		2,486,400	709.9	0.7		3- 4/70	HOOD CANAL	S PUGET SOUND	S PUGT SND TRB
1970		1,831,176	11,460.8	6.2	4.5- 11.3	4- 6/70	HOOD CANAL	S PUGET SOUND	S PUGT SND TRB
1970		3,612,684	718.8	0.7		3/71	HOOD CANAL	S PUGET SOUND	S PUGT SND TRB
1971		3,153,847	14,318.1	3.9	2.3- 7.1	4- 6/71	HOOD CANAL	S PUGET SOUND	S PUGT SND TRB
1971		28,493	14,985.3	4.7	3.1- 23.6	5- 8/72	HOOD CANAL	S PUGET SOUND	S PUGT SND TRB
1972	28,320		1,032.8	50.3		2/73	HOOD CANAL	S PUGET SOUND	S PUGT SND TRB
1972		2,494,612	27.2	0.9		5/73	HOOD CANAL	S PUGET SOUND	S PUGT SND TRB
1972		91,088	12,520.1	5.0	1.7- 7.9	4- 6/73	HOOD CANAL	S PUGET SOUND	S PUGT SND TRB
1972		29,841	812.8	8.9	4.4- 18.1	6- 9/73	HOOD CANAL	S PUGET SOUND	S PUGT SND TRB
1973	1,871,800		3,384.3	113.4		3/74	FINCH CR	HANNA HANNA R	WA CSTL LAKES
1973		1,227,097	580.6	0.5		2/74	DUCKABUSH R		
1973		46,525	7,964.2	6.4	3.7- 11.6	5- 6/74	FINCH CR		
1974		726,494	2,885.3	62.0		2- 3/75	FINCH CR		
1974		160,994	3,532.1	4.8	3.2- 5.8	5/75	FINCH CR		
1975		1,000,970	6,942.2	43.1	32.3- 45.3	3/76	HOOD CANAL	TRB	
1975		37,695	2,481.6	2.4	1.8- 3.4	4- 5/76	HOOD CANAL	TRB	
1975			1,139.9	30.2		11/76	HOOD CANAL	TRB	

TABLE 52.--COASTAL WASHINGTON
HOOD CANAL HATCHERY - WASHINGTON DEPARTMENT OF FISH
RELEASE OF- SPRING CHINOOK SALMON.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1958-69	0	0	0					
1970		53,803	3,696.8	68.7		3/72	HOOD CANAL TRB	
1971		62,880	7,121.4	113.3		2/73	HOOD CANAL TRB	
1972		74,159	6,385.4	85.0		3/74	FINCH CR	
1973-74	0	0	0					
1975		49,688	1,582.3	30.2		11/76	HOOD CANAL TRB	

TABLE 53.--COASTAL WASHINGTON
HOOD CANAL HATCHERY - WASHINGTON DEPARTMENT OF FISH
RELEASE OF- CONO SALMON.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION	RELEASE LOCATION
1958		228,868	2,093.8	9.1	8.0- 12.2	2/60	HOOD CANAL	S PUGET SOUND	JUAN DE FUCA
1959	105,302		335.2	3.1	1.1- 5.2	6-10/60	HOOD CANAL	S PUGET SOUND	JUAN DE FUCA
1959		411,358	3,276.3	7.9	6.4- 9.8	1/61	HOOD CANAL	S PUGET SOUND	JUAN DE FUCA
1960	417,226		2,497.0	5.9	2.3- 8.7	5-12/61	HOOD CANAL	S PUGET SOUND	JUAN DE FUCA
1960		482,697	4,045.6	8.3	7.9- 9.8	1/62	HOOD CANAL	S PUGET SOUND	JUAN DE FUCA
1961	876,108		3,885.8	4.4	1.8- 7.8	7-10/62	HOOD CANAL	S PUGET SOUND	JUAN DE FUCA
1961		545,870	5,039.8	9.2	8.7- 10.7	1- 3/63	HOOD CANAL	S PUGET SOUND	JUAN DE FUCA
1962	429,608		2,736.1	6.3	3.3- 14.1	9-12/63	HOOD CANAL	S PUGET SOUND	JUAN DE FUCA
1962		380,300	4,868.9	12.8	12.5- 14.1	1- 4/64	HOOD CANAL	S PUGET SOUND	JUAN DE FUCA
1963		737,139	11,621.9	15.7	13.7- 20.6	2- 4/65	HOOD CANAL	S PUGET SOUND	JUAN DE FUCA
1964		484,225	8,555.2	17.6	15.1- 18.1	3/66	HOOD CANAL	S PUGET SOUND	JUAN DE FUCA
1965		830,864	20,916.1	25.1	28.5- 28.3	3- 4/67	HOOD CANAL	S PUGET SOUND	JUAN DE FUCA
1966		910,841	15,798.6	17.3		3/68	HOOD CANAL	S PUGET SOUND	JUAN DE FUCA
1967	99,996		35.4	0.3		3/68	HOOD CANAL	S PUGET SOUND	JUAN DE FUCA
1968		253,980	6,400.2	25.1		4/70	HOOD CANAL	S PUGET SOUND	JUAN DE FUCA
1969		343,630	7,595.4	22.1	21.5- 32.3	3- 6/71	HOOD CANAL	S PUGET SOUND	JUAN DE FUCA
1970	261,440		1,877.0	7.1	6.4- 11.9	8-10/71	HOOD CANAL	S PUGET SOUND	JUAN DE FUCA
1970		263,844	9,887.0	37.4	25.1- 37.7	4- 6/72	HOOD CANAL	S PUGET SOUND	JUAN DE FUCA
1971	26,520		100.2	3.7		6/72	HOOD CANAL	S PUGET SOUND	JUAN DE FUCA
1971		249,204	14,071.8	56.4	37.7- 56.6	6- 7/73	HOOD CANAL	S PUGET SOUND	JUAN DE FUCA
1972	329,500		1,195.7	3.6		6/73	HOOD CANAL	S PUGET SOUND	JUAN DE FUCA
1972		292,600	16,598.1	56.6	34.8-113.3	7/74	FINCH CR		
1973		166,482	8,390.6	50.3		7/75	FINCH CR		
1974		248,885	6,425.1	26.6		7/76	HOOD CANAL	S PUGET SOUND	JUAN DE FUCA
1975	168,875		87.5	0.5			HOOD CANAL	TRB	

TABLE 54.--COASTAL WASHINGTON
HOOD CANAL HAATCHERY - WASHINGTON DEPARTMENT OF FISH
RELEASE OF- CHUM SALMON.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1959	0	0	0					
1960		136,500	206.4	1.5		5/61	HOOD CANAL	
1961		52,000	47.2	0.9		5/62	HOOD CANAL	
1962		234,960	161.5	0.6		2/63	HOOD CANAL	
1963-64	0	0	0					
1965		278,880	402.8	1.4	1.3- 1.5	5/66	HOOD CANAL	
1966		554,032	803.3	1.4	1.3- 1.5	5/67	HOOD CANAL	
1967		678,260	1,043.7	1.5	1.3- 1.7	5- 6/68	HOOD CANAL	
1968		1,658,369	1,983.6	1.1	0.9- 1.6	5- 6/69	HOOD CANAL	
1969		795,040	1,099.5	1.3	1.1- 2.2	5/70	HOOD CANAL	
1970		1,547,406	1,377.1	0.8	0.5- 1.5	4- 5/71	HOOD CANAL	
1971		855,110	1,720.9	2.8	1.1- 2.6	5- 6/72	HOOD CANAL	
1972		974,568	1,871.5	1.9	0.5- 2.9	4- 6/73	HOOD CANAL	
1973	113,600		32.2	0.2		4/74	SKOKOMISH R	
1973		2,012,198	4,141.8	2.0	0.8- 3.7	4- 6/74	HOOD CANAL TRB	FINCH CR
1974		8,685,985	12,413.9	1.4	0.5- 2.3	4- 5/75	FINCH CR	
1975		8,485,125	10,331.9	1.2	0.5- 1.8	4- 6/76	HOOD CANAL TRB	

TABLE 55.--COASTAL WASHINGTON
HOOD CANAL HATCHERY - WASHINGTON DEPARTMENT OF FISH
RELEASE OF- PINK SALMON.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1959	8,190		2.3	0.2		2/60	HOOD CANAL	
1959		555,479	1,138.5	2.0	1.8- 2.2	4/60	HOOD CANAL	
1960	0	0	0					
1961		145,665	223.2	1.5	1.3- 1.5	3/62	HOOD CANAL	
1962	0	0	0					
1963	267,596		128.7	0.4		3/64	HOOD CANAL	
1963		525,279	427.7	0.8		3/64	HOOD CANAL	
1964	0	0	0					
1965	0	420,958	582.0	1.3	1.1- 2.0	3- 4/66	HOOD CANAL	
1966	0	0	0					
1967		682,828	642.3	1.0		3/68	HOOD CANAL	
1968	0	0	0					
1969		773,782	1,088.2	1.4	0.9- 1.9	3- 4/70	HOOD CANAL	
1970	0	0	0					
1971		1,769,355	1,578.3	0.8	0.5- 1.5	3- 4/72	HOOD CANAL	
1972	0	0	0					
1973		708,624	954.4	1.3		3- 4/74	FINCH CR	
1974	0	0	0					
1975		1,533,190	1,577.1	1.8	0.4- 1.5	2- 4/76	HOOD CANAL TRB	

TABLE 56.--COASTAL WASHINGTON
ISSAQUAH HATCHERY - WASHINGTON DEPARTMENT OF FISH
RELEASE OF- FALL CHINOOK SALMON.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1959	1,526,800		1,503.2	0.9		4/60	S PUGET SOUND	S PUGT SND TRB
1959		1,801,010	3,510.5	1.9	1.6- 2.5	5/60	S PUGET SOUND	S PUGT SND TRB
1960		1,360,126	3,689.5	2.7	2.2- 3.3	4- 6/61	S PUGET SOUND	S PUGT SND TRB
1961	2,344,600		1,173.0	0.5		3- 4/62	S PUGET SOUND	S PUGT SND TRB
1961	1,055,770		660.0	0.6		4/62	S PUGET SOUND	S PUGT SND TRB
1961		1,845,581	4,587.3	2.4	1.8- 2.8	5- 6/62	S PUGET SOUND	S PUGT SND TRB
1962	1,151,475		535.7	0.7		2/63	S PUGET SOUND	S PUGT SND TRB
1962	2,163,220		1,643.8	0.7		3/63	S PUGET SOUND	S PUGT SND TRB
1962		1,706,022	4,625.7	2.7	2.5- 3.1	4- 5/63	S PUGET SOUND	S PUGT SND TRB
1963			1,024.7	0.4		2- 3/64	S PUGET SOUND	S PUGT SND TRB
1963	2,361,250		7,930.6	2.6	2.5- 2.9	5/64	S PUGET SOUND	S PUGT SND TRB
1964	910,500		413.2	0.4		3/65	S PUGET SOUND	S PUGT SND TRB
1964	799,127		680.4	0.8		2- 3/65	S PUGET SOUND	S PUGT SND TRB
1964		3,244,679	9,433.4	2.9	1.9- 3.4	4- 5/65	S PUGET SOUND	S PUGT SND TRB
1965	620,244		553.4	0.9	0.5- 1.1	3- 4/66	S PUGET SOUND	S PUGT SND TRB
1965		2,523,941	7,781.4	3.0	2.2- 3.9	5/66	S PUGET SOUND	S PUGT SND TRB
1966	537,235		350.5	0.6		3/67	S PUGET SOUND	S PUGT SND TRB
1966		2,719,785	6,762.6	2.4	1.9- 4.4	4- 5/67	S PUGET SOUND	S PUGT SND TRB
1967	808,980		378.3	0.4		3/68	S PUGET SOUND	S PUGT SND TRB
1967	495,680		321.1	0.6		3/68	S PUGET SOUND	S PUGT SND TRB
1967		3,242,817	12,359.0	3.8	2.5- 4.8	5/68	S PUGET SOUND	S PUGT SND TRB
1968	1,434,500		1,131.3	0.7		4/69	S PUGET SOUND	S PUGT SND TRB
1968		3,355,336	11,451.4	3.4	1.9- 4.2	5- 6/69	S PUGET SOUND	S PUGT SND TRB
1969	1,055,600		920.8	0.8		3/70	S PUGET SOUND	S PUGT SND TRB
1969		3,487,321	13,333.8	3.8	2.3- 6.4	4- 5/70	S PUGET SOUND	S PUGT SND TRB
1970	1,000,448		1,021.0	1.0		4/71	S PUGET SOUND	S PUGT SND TRB
1970		3,120,049	16,248.5	5.2	4.5- 7.0	5- 6/71	S PUGET SOUND	S PUGT SND TRB
1971		3,272,993	13,618.7	4.1	3.2- 5.3	5- 6/72	S PUGET SOUND	S PUGT SND TRB
1972		2,642,276	9,606.6	3.6	2.5- 5.3	5/73	S PUGET SOUND	S PUGT SND TRB
1972		421,668	1,770.8	4.1		6/73	S PUGET SOUND	S PUGT SND TRB
1973	284,200		127.1	0.4		2/74	SAMAMISH R	S PUGT SND TRB
1973		1,511,428	7,496.3	4.9	4.5- 5.1	5/74	SAMAMISH R	S PUGT SND TRB
1974		2,187,350	9,249.7	4.3	3.9- 4.9	5- 6/75	L. SAMAMISH	S PUGT SND TRB
1975	603,050		393.7	0.6		3/76	ISSAQUAH	S PUGT SND TRB
1975		359,100	571.5	1.5		4/76	ISSAQUAH	S PUGT SND TRB
1975		2,735,886	13,635.0	4.9	4.6- 5.3	5- 6/76	ISSAQUAH	S PUGT SND TRB

TABLE 58.--COASTAL WASHINGTON
ISSAQUAH HATCHERY - WASHINGTON DEPARTMENT OF FISH
RELEASE OF- SOCKEYE SALMON.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1959	0	0	0			3- 5/61	L WASHINGTON	
1960	683,890		294.8	0.4				
1961	0	0	0			3/63	L WASHINGTON	
1962	211,398		59.9	0.2		5/63	L WASHINGTON	
1962		4,400	9.1	2.0				
1963	0	0	0					

TABLE 59.--COASTAL WASHINGTON
MINTER CREEK HATCHERY - WASHINGTON DEPARTMENT OF FISH
RELEASE OF- FALL CHINOOK SALMON.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1959	1,000,858		937.1	0.9	0.8- 1.0	4/60	HOOD CANAL	S PUGET SOUND
1959		1,360,349	3,622.4	2.6	2.3- 3.0	5- 6/60	HOOD CANAL	S PUGET SOUND
1960	1,766,082		930.3	0.5		2- 3/61	HOOD CANAL	S PUGET SOUND
1960	1,274,902		811.9	0.6	0.5- 1.5	2- 5/61	HOOD CANAL	S PUGET SOUND
1960		1,941,361	7,280.3	3.7	2.4- 4.1	4- 5/61	HOOD CANAL	S PUGET SOUND
1961	4,081,578		2,128.3	0.5		2- 3/62	HOOD CANAL	S PUGET SOUND
1961	474,706		366.8	0.7		3- 4/62	HOOD CANAL	S PUGET SOUND
1961		2,125,410	5,096.1	2.3	2.2- 3.2	5- 6/62	HOOD CANAL	S PUGET SOUND
1962	736,900		351.5	0.4		2- 3/63	HOOD CANAL	S PUGET SOUND
1962	961,263		674.5	0.7		4- 6/63	HOOD CANAL	S PUGET SOUND
1962		2,674,886	6,531.7	2.4	1.8- 5.0	4- 8/63	HOOD CANAL	S PUGET SOUND
1963	1,197,510		664.5	0.5		3/64	HOOD CANAL	S PUGET SOUND
1963	40,320		32.7	0.8		3/64	HOOD CANAL	S PUGET SOUND
1963		1,863,181	6,637.8	3.5	2.7- 4.8	3/64	HOOD CANAL	S PUGET SOUND
1964	2,443,317		2,421.3	0.9	3.5- 1.3	2- 4/65	HOOD CANAL	S PUGET SOUND
1964		2,546,172	7,946.8	3.1	1.7- 4.4	5/65	HOOD CANAL	S PUGET SOUND
1965	757,712		972.8	1.2	0.9- 1.4	4/66	HOOD CANAL	S PUGET SOUND
1965		2,257,775	9,384.8	4.1	1.7- 7.9	4- 5/66	HOOD CANAL	S PUGET SOUND
1966	557,112		378.3	0.6		4/67	HOOD CANAL	S PUGET SOUND
1966		2,178,552	12,338.2	5.6	5.3- 13.7	5- 9/67	HOOD CANAL	S PUGET SOUND
1967	1,542,474		1,089.1	0.7		3/68	HOOD CANAL	S PUGET SOUND
1967		2,751,600	20,801.7	7.5		6/68	HOOD CANAL	S PUGET SOUND
1968	831,810		476.3	0.5		4/69	HOOD CANAL	S PUGET SOUND
1968		3,840,082	18,223.5	5.9	1.7- 20.6	5-10/69	HOOD CANAL	S PUGET SOUND
1969	558,240		282.1	0.5		3/70	HOOD CANAL	S PUGET SOUND
1969	1,320,280		867.7	0.6		3/70	HOOD CANAL	S PUGET SOUND
1969		4,218,794	17,420.2	4.1	1.9- 2.7	5- 7/70	HOOD CANAL	S PUGET SOUND
1970	1,721,980		911.7	0.5		5- 6/71	HOOD CANAL	S PUGET SOUND
1970		1,821,168	9,714.1	5.3	3.3- 17.4	4/72	HOOD CANAL	S PUGET SOUND
1971	88,745		56.7	0.6		5- 6/72	HOOD CANAL	S PUGET SOUND
1971		730,950	3,998.7	5.4	5.1- 8.7	3- 9/73	HOOD CANAL	S PUGET SOUND
1971		21,056	1,364.4	64.7		3/74	HOOD CANAL	S PUGET SOUND
1972		1,355,189	19,082.2	14.0	2.3- 30.2	3- 9/73	HOOD CANAL	S PUGET SOUND
1972		119,585	7,245.7	60.5	56.5-113.3	3/74	MINTER CR	S PUGET SOUND
1973	466,550		492.1	1.0		4/74	PUGT SNO LAKES	
1973		880,784	4,911.5	5.5	4.1- 8.0	6- 7/74	MINTER CR	
1973		275,073	8,430.5	30.6		9/74	MINTER CR	
1973		137,397	7,697.9	56.0		2/75	MINTER CR	
1973		137,397	7,697.9	56.0		2/75	MINTER CR	
1974			136.1	1.4		3/75	MINTER CR	
1974	92,700		2,058.4	1.8	1.7- 3.1	5- 6/75	MINTER CR	
1974		1,084,623	11,142.5	22.6		9/75	MINTER CR	
1974		491,314	6,685.5	38.6		3/76	MINTER CR	
1975	834,373		844.6	1.0	0.9- 1.0	4/76	MINTER CR	
1975		497,603	1,098.6	2.2		4- 5/76	MINTER CR	
1975		6,880	42.6	6.1		6/76	MINTER CR	
1975		15,891	232.7	14.6		9/76	MINTER CR	

TABLE 60.--COASTAL WASHINGTON
HINTER CREEK HATCHERY - WASHINGTON DEPARTMENT OF FISH
RELEASE OF- SPRING CHINOOK SALMON.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION	RELEASE LOCATION
1959-71	0	0	0						
1972	0	19,124	811.5	42.4	37.7- 45.3	3/74	HINTER CR		PUYALLUP R
1973	0	0	0						
1974		8,340	276.2	33.1		2/76	PUYALLUP R		

TABLE 61.--COASTAL WASHINGTON
MINTER CREEK HATCHERY - WASHINGTON DEPARTMENT OF FISH
RELEASE OF- CONO SALMON.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1958		492,524	4,512.3	9.1	7.0- 12.9	1- 3/68	HOOD CANAL	S PUGET SOUND
1959		489,289	4,874.8	9.9	7.8- 12.9	1- 3/61	HOOD CANAL	S PUGET SOUND
1960	114,200		45.4	0.3		3/61	HOOD CANAL	S PUGET SOUND
1960	60,000		453.1	7.7	7.4- 8.0	9-10/61	HOOD CANAL	S PUGET SOUND
1960		575,426	6,336.7	11.0	9.4- 13.3	1/62	HOOD CANAL	S PUGET SOUND
1961	475,393		2,296.5	4.8	1.5- 5.8	6-10/62	HOOD CANAL	S PUGET SOUND
1961		603,327	4,083.7	6.7	5.5- 11.3	11-12/62	HOOD CANAL	S PUGET SOUND
1962	353,850		158.8	0.4		3/63	HOOD CANAL	S PUGET SOUND
1962		637,574	9,187.1	14.4	11.5- 15.1	1- 4/64	HOOD CANAL	S PUGET SOUND
1963	545,470		2,232.1	4.0	3.4- 4.9	7- 8/64	HOOD CANAL	S PUGET SOUND
1963		516,941	7,831.7	15.1	11.9- 21.5	2- 6/65	HOOD CANAL	S PUGET SOUND
1964	456,854		1,116.3	2.3	2.2- 2.7	7/65	HOOD CANAL	S PUGET SOUND
1964		726,789	12,522.8	17.2	12.9- 18.8	3- 4/66	HOOD CANAL	S PUGET SOUND
1965	682,960		287.1	0.4		3- 4/66	HOOD CANAL	S PUGET SOUND
1965	324,102		1,445.1	4.4	1.0- 4.9	4- 7/66	HOOD CANAL	S PUGET SOUND
1965		710,107	18,947.0	26.6		4- 7/67	HOOD CANAL	S PUGET SOUND
1966		824,958	20,788.1	25.1		4/68	HOOD CANAL	S PUGET SOUND
1967	286,000		99.8	0.3		3/68	HOOD CANAL	S PUGET SOUND
1967		1,068,301	29,635.5	27.7	22.5- 28.3	4- 5/69	HOOD CANAL	S PUGET SOUND
1968		1,536,629	43,252.3	28.1	15.5- 75.5	4- 6/70	HOOD CANAL	S PUGET SOUND
1969	181,596		1,435.2	7.9	7.9- 8.2	7/70	HOOD CANAL	S PUGET SOUND
1969		1,583,815	51,451.4	32.4	21.5- 56.6	4- 6/71	HOOD CANAL	S PUGET SOUND
1970	605,477		272.6	0.3		4/71	HOOD CANAL	S PUGET SOUND
1970		1,250,892	51,098.5	40.8	18.8- 50.3	4- 8/72	HOOD CANAL	S PUGET SOUND
1971	195,445		1,889.8	9.2	5.5- 14.6	7- 9/72	HOOD CANAL	S PUGET SOUND
1971		1,280,254	59,156.5	46.2	25.1-113.3	4- 8/73	HOOD CANAL	S PUGET SOUND
1972		1,823,152	58,834.1	32.2	25.1- 37.7	5- 6/74	MINTER CR	S PUGET SOUND
1973		2,094,341	70,979.9	33.8	28.3- 41.2	5- 7/75	MINTER CR	S PUGET SOUND
1974	1,248,068		526.6	0.4		4- 6/75	MINTER CR	S PUGT SNO TRB
1974		1,663,600	66,635.0	40.0		5- 7/76	MINTER CR	HOOD CANAL TRB
1975	463,248		364.7	0.7		3- 4/76	HOOD CANAL TRB	

TABLE 62.--COASTAL WASHINGTON
MINTER CREEK HATCHERY - WASHINGTON DEPARTMENT OF FISH
RELEASE OF- CHUM SALMON.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION	RELEASE LOCATION
1959	1,701,318		753.0	0.4		3- 5/60	MINTER CR	S PUGET SOUND	
1960	0	0	0						
1961		87,188	83.8	0.9		5/62	MINTER CR		
1962		809,980	411.9	0.5		3/63	MINTER CR		
1963	25,850		6.8	0.2		3/64	MINTER CR		
1964		75,000	33.1	0.4		4- 5/64	S PUGT SND TRB	MINTER CR	S PUGET SOUND
1964-69	0	8	8						
1970		1,016,679	918.8	0.8		5/71	MINTER CR		
1971-72	0	0	0						
1973		511,000	463.6	8.9		5/74	DOSEWALLIPS R	S PUGT SND TRB	
1974		3,994,551	3,265.9	0.8	0.3- 11.6	4- 8/75	MINTER CR	HOOD CANAL TRB	
1975		3,976,608	5,371.4	1.3	0.5- 1.9	5- 6/76	MINTER CR		

TABLE 63.--COASTAL WASHINGTON
MINTER CREEK HAICHERY - WASHINGTON DEPARTMENT OF FISH
RELEASE OF- PINK SALMON.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1959	187,529	0	56.2	0.2		3/60	HINTER CR	
1960	0	0	0					
1961	369,312	0	93.9	0.2		2- 3/62	HINTER CR	
1962	0	0	0					
1963	1,336,348	0	752.1	0.5		2/64	S PUGET SOUND	
1964	0	0	0					
1965-72	0	0	0					
1973	0	22,115	31.3	1.4		5/74	MINTER CR	
1974	0	0	0					
1975	0	106,797	39.0	0.3		3/76	MINTER CR	

TABLE 64.--COASTAL WASHINGTON
MINTER CREEK HATCHERY - WASHINGTON DEPARTMENT OF FISH
RELEASE OF- CHERRY SALMON.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION	RELEASE LOCATION
1958-70	0	0	0						
1971		24,300	1,422.0	58.5	23.8- 55.6	3- 6/73	MINTER CR	PUGT SND LAKES	
1972	4,980		37.6	7.5		6/73	PUGT SND LAKES		
1972		44,412	1,971.3	44.3	37.7-113.3	6- 7/74	MINTER CR	DUWAMISH R	
1973		974	55.3	56.7		2/75	MINTER CR		
1974		530	24.8	45.2		3/76	MINTER CR		

TABLE 65.--COASTAL WASHINGTON
NEMAH HATCHERY
RELEASE OF-- FALL CHINOOK SALMON.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL HEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1959		488,104	1,223.8	2.5	1.9- 12.9	5- 8/60	SCSTL WASH	
1960		209,235	618.7	2.9		4- 5/61	SCSTL WASH	
1961		422,205	997.9	2.3	2.2- 2.4	6/62	SCSTL WASH	
1962		447,138	1,134.9	2.5	2.1- 2.8	5/63	SCSTL WASH	
1963		695,555	2,383.8	3.3	2.8- 3.7	5/64	SCSTL WASH	
1964		986,939	3,111.6	3.1	2.8- 3.7	5- 6/65	SCSTL WASH	
1965		1,422,455	6,065.8	4.2	4.1- 4.7	5/66	SCSTL WASH	
1966		836,958	3,757.1	4.4		5/67	SCSTL WASH	
1967		1,266,654	6,135.7	4.8	4.6- 5.0	5/68	SCSTL WASH	
1968	1,120,765		797.8	0.7		2- 3/69	SCSTL WASH	
1969		1,529,548	5,031.2	3.2		5/69	SCSTL WASH	
1969	81,400		45.4	0.5		2- 3/70	SCSTL WASH	
1969	412,500		249.5	0.6		3/70	SCSTL WASH	
1969		1,447,780	4,698.1	3.2	1.8- 4.1	4- 6/70	SCSTL WASH	
1970			60.3	0.5		2- 3/71	SCSTL WASH	
1970	118,600		3,575.7	3.8	1.8- 6.0	4- 5/71	SCSTL WASH	
1971		927,050	455.9	0.5		2/72	SCSTL WASH	
1971	904,500		220.0	0.6		3/72	SCSTL WASH	
1971	327,375		5,958.2	6.9	5.3- 14.1	5- 8/72	SCSTL WASH	
1972		858,357	5,851.3	4.5	3.9- 5.0	6/73	NEMAH R	
1972		1,291,832	3,884.1	4.5		5/74	NEMAH R	
1973		856,288	5,347.4	4.1		5- 6/75	WILLAPA SYSTEM	
1974		1,276,010	5,764.7	4.8	3.2- 5.0	5- 6/76	WILLAPA SYSTEM	
1975		1,407,205			2.7- 4.7			

TABLE 66.--COASTAL WASHINGTON
NEMAH HATCHERY
- WASHINGTON DEPARTMENT OF FISH
RELEASE OF- COHO SALMON.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1958		389,328	3,789.3	9.7	4.1- 11.3	1- 2/60	SCSTL WASH	
1959		169,965	1,713.2	10.0		2/61	SCSTL WASH	
1960		307,667	2,563.7	8.3	6.3- 9.2	1/62	SCSTL WASH	
1961	747,050		332.5	0.4		2- 3/62	SCSTL WASH	
1961	153,750		287.1	1.8		8/62	SCSTL WASH	
1961			2,413.1	6.0	4.8- 5.4	1/63	SCSTL WASH	
1962	127,750	399,064	231.8	1.8		6/63	SCSTL WASH	
1962			5,392.3	14.5	11.3- 15.1	2- 3/64	SCSTL WASH	
1963	88,800	371,420	544.3	6.1		9/64	SCSTL WASH	
1963			8,766.5	16.8	11.3- 22.6	2- 4/65	SCSTL WASH	
1964	72,930	519,771	424.1	5.8		9/65	SCSTL WASH	
1964			11,437.0	17.7	17.4- 18.1	3/66	SCSTL WASH	
1965	81,210	644,304	405.1	4.9	4.7- 5.4	8/66	SCSTL WASH	
1965			13,272.1	23.8		4/67	SCSTL WASH	
1966			21,058.8	22.6		4/68	SCSTL WASH	
1967	312,400	928,980	644.1	2.0		5/68	SCSTL WASH	
1967			21,067.1	25.1		4/69	SCSTL WASH	
1968	832,080	836,010	362.9	0.4		3/69	SCSTL WASH	
1968			20,632.6	24.1	23.8- 25.1	4/70	SCSTL WASH	
1969	1,071,050	855,309	1,147.8	25.1		2- 3/70	SCSTL WASH	
1969			1,022.9	0.4		4/71	SCSTL WASH	
1970	2,846,475	839,214	589.7	2.9	1.5- 5.3	2- 3/71	SCSTL WASH	
1970	199,300		21,684.4	25.1		4- 7/71	SCSTL WASH	
1971	354,245	860,508	921.7	2.5	2.4- 2.6	4/72	SCSTL WASH	
1971			18,322.4	20.5	18.1- 22.6	6/72	SCSTL WASH	
1972	356,800	891,700	188.2	0.5		4/73	SCSTL WASH	
1972			12,357.7	25.0	21.5- 30.2	3/73	SCSTL WASH	
1973	402,865	494,306	185.5	0.4		4- 5/74	NEMAH R	
1973	140,000		793.8	5.6		2/74	CHEHALIS R	WILLAPA SYSTEM
1973			18,522.4	24.0	22.5- 25.6	7/74	NEMAH R	
1974	219,960	771,349	767.5	3.4		4- 5/75	WILLAPA SYSTEM	WILLAPA SYSTEM
1974			23,522.4	24.7		6/75	CHEHALIS R	
1975	9,900	949,440	40.8	4.1		4/76	WILLAPA SYSTEM	WILLAPA SYSTEM
						6/76	WILLAPA SYSTEM	

TABLE 67.--COASTAL WASHINGTON
NEMAH HATCHERY
RELEASE OF CHUM SALMON.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1959		1,213,392	738.4	0.6		3- 4/60	NEMAH R	
1960		2,433,470	2,300.2	0.9	0.6- 1.1	3- 4/61	NEMAH R	
1961		614,490	480.8	0.7		4/62	NEMAH R	
1962		898,420	871.4	0.9		4/63	NEMAH R	
1963		1,285,580	1,119.0	0.9	0.8- 1.0	3- 4/64	NEMAH R	
1964		1,551,200	879.5	0.5		3/65	NEMAH R	
1965		504,275	397.8	0.7		3/66	NEMAH R	
1966		748,880	738.4	0.9		3/67	NEMAH R	
1967		412,360	359.7	0.8		3/68	NEMAH R	
1968		659,685	501.2	0.7		4/69	NEMAH R	
1969		666,930	783.5	1.8		3/70	NEMAH R	
1970		536,060	496.2	0.9		4/71	NEMAH R	
1971		964,800	911.7	0.9		4/72	NEMAH R	
1972	43,520		15.4	0.3		3/73	NEMAH R	
1972		609,072	898.6	1.4	0.9- 2.0	4- 5/73	NEMAH R	
1973		770,630	1,222.4	1.5	1.4- 1.8	4/74	NEMAH R	
1974		840,000	1,270.1	1.5		4/75	WILLAPA SYSTEM	
1975		921,975	880.4	0.9		4/76	WILLAPA SYSTEM	

TABLE 68.--COASTAL WASHINGTON
NOOKSACK HATCHERY
RELEASE OF- FALL CHINOOK SALMON.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1959	389,825		333.4	0.8		3/60	NOOKSACK R	SAMISH R
1959		975,724	2,293.0	2.3		4- 5/60	NOOKSACK R	SAMISH R
1960	1,193,550		492.1	0.4		2/61	NOOKSACK R	SAMISH R
1960		1,670,967	4,042.0	2.4	1.7- 2.7	4- 5/61	NOOKSACK R	SAMISH R
1961	950,000		430.9	0.4		2/62	NOOKSACK R	SAMISH R
1961	361,200		390.1	1.0		4/62	NOOKSACK R	SAMISH R
1961		1,365,364	3,512.6	2.5	1.8- 2.8	4- 5/62	NOOKSACK R	SAMISH R
1962	600,000		259.5	0.4		2/63	NOOKSACK R	SAMISH R
1962	126,000		95.3	0.7		3/63	NOOKSACK R	SAMISH R
1962		1,641,843	4,861.6	2.9	2.3- 3.2	4- 5/63	NOOKSACK R	SAMISH R
1963			630.8	0.4		1/64	NOOKSACK R	SAMISH R
1963	1,527,000		166.5	0.0		2/64	NOOKSACK R	SAMISH R
1963	107,170		5,063.0	3.0	2.6- 3.7	4- 5/64	NOOKSACK R	SAMISH R
1964	516,000		195.8	0.3		1/65	NOOKSACK R	SAMISH R
1964	584,280		498.8	0.8		3/65	NOOKSACK R	SAMISH R
1964		1,713,050	5,492.1	3.2	2.9- 3.4	4/65	NOOKSACK R	SAMISH R
1965	506,400		191.4	0.3		1/66	NOOKSACK R	SAMISH R
1965	596,000		675.9	1.1		3/66	NOOKSACK R	SAMISH R
1965		1,769,557	5,977.4	3.3	3.2- 3.4	4/66	NOOKSACK R	SAMISH R
1966		2,045,537	8,336.6	4.0	3.0- 5.0	4- 6/67	NOOKSACK R	SAMISH R
1967	385,000		158.8	0.4		1/68	NOOKSACK R	SAMISH R
1967		1,865,367	6,947.7	3.7	2.3- 5.0	4- 5/68	NOOKSACK R	SAMISH R
1968	900,000		355.2	0.3		1/69	NOOKSACK R	SAMISH R
1968		1,935,185	8,720.8	4.5		5/69	NOOKSACK R	SAMISH R
1969	200,000		113.4	0.5		3/70	NOOKSACK R	SAMISH R
1969	1,800,970		1,653.8	0.8	0.6- 1.2	3- 4/70	NOOKSACK R	SAMISH R
1969		1,391,726	6,575.7	4.7		6/70	NOOKSACK R	SAMISH R
1970	1,690,000		851.4	0.5		2/71	NOOKSACK R	SAMISH R
1970	1,364,560		942.6	0.6		3/71	NOOKSACK R	SAMISH R
1970		1,799,374	9,274.6	5.1		5/71	NOOKSACK R	SAMISH R
1971			1,447.8	0.9	0.7- 1.1	2- 3/73	NOOKSACK R	SAMISH R
1971	1,450,802		10,458.5	7.2	4.1- 30.2	5- 9/72	NOOKSACK R	SAMISH R
1971	18,517		1,679.7	90.7		4/73	NOOKSACK R	SAMISH R
1972	1,488,720		5,603.7	3.7	3.6- 5.6	5- 6/73	NOOKSACK R	SAMISH R
1972		49,533	1,404.3	28.3		9/73	NOOKSACK R	SAMISH R
1972		41,451	3,760.3	90.7		4/74	NOOKSACK R	SAMISH R
1973	2,002,250		756.6	0.3		1- 2/74	NOOKSACK R	SAMISH R
1973		1,828,169	4,767.3	4.6		5/74	NOOKSACK R	SAMISH R
1973		108,016	12,248.0	113.3		7/75	NOOKSACK R	SAMISH R
1974		1,482,969	8,192.3	5.5	2.1- 9.0	4- 6/75	NOOKSACK R	SAMISH R
1974		121,963	13,830.8	113.3		4/76	NOOKSACK R	SAMISH R
1975		1,420,895	9,347.2	6.5	4.5- 9.0	5- 6/76	NOOKSACK R	SAMISH R
1975		318,980	2,431.7	7.8		8/76	NOOKSACK R	SAMISH R

TABLE 69.--COASTAL WASHINGTON
NOOKSACK HATCHERY
RELEASE OF- CONO SALMON.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1958		175,917	1,603.0	9.1	7.8- 11.3	1/60	NOOKSACK R	N PUGET SOUND
1959		578,943	4,891.1	8.4	5.3- 11.3	1/61	NOOKSACK R	N PUGET SOUND
1960	55,000		56.7	1.0		5/61	NOOKSACK R	N PUGET SOUND
1961		598,156	5,265.3	8.8	7.5- 10.0	1/62	NOOKSACK R	N PUGET SOUND
1961	199,800		67.1	0.3		4/62	NOOKSACK R	N PUGET SOUND
1961		585,059	4,510.1	7.7	5.4- 9.0	1/63	NOOKSACK R	N PUGET SOUND
1962	239,156		3,817.4	15.9	14.1- 17.4	10/63	NOOKSACK R	N PUGET SOUND
1962		264,509	4,738.7	17.9	15.7- 18.8	1- 2/64	NOOKSACK R	N PUGET SOUND
1963	52,596		893.6	16.7		12/64	NOOKSACK R	N PUGET SOUND
1963		588,607	10,737.9	18.2	1.6- 1.9	1- 3/65	NOOKSACK R	N PUGET SOUND
1964	369,631		5,314.3	14.3	13.3- 15.1	9/65	NOOKSACK R	N PUGET SOUND
1964	413,333		8,793.3	23.9	20.6- 28.3	1- 2/66	NOOKSACK R	N PUGET SOUND
1965		310,930	4,618.0	11.1		10/66	NOOKSACK R	N PUGET SOUND
1965		728,719	6,410.6	20.6		3/67	NOOKSACK R	N PUGET SOUND
1966			17,735.5	24.3		4/68	NOOKSACK R	N PUGET SOUND
1967	50,000		14.1	0.2		3/68	NOOKSACK R	N PUGET SOUND
1967		679,050	20,534.1	30.2		4/69	NOOKSACK R	N PUGET SOUND
1968		1,116,900	28,961.4	25.9	15.1- 26.6	4- 7/70	NOOKSACK R	N PUGET SOUND
1969		1,187,380	29,669.5	24.9	22.5- 25.1	3- 4/71	NOOKSACK R	N PUGET SOUND
1970	600,000		181.4	0.3		3/71	NOOKSACK R	N PUGET SOUND
1970	273,866		929.0	3.3		7/71	NOOKSACK R	N PUGET SOUND
1970		1,104,896	31,324.6	28.3		4/72	NOOKSACK R	N PUGET SOUND
1971	560,000		317.5	0.5		3/72	NOOKSACK R	N PUGET SOUND
1971		872,434	21,984.7	25.1		4/73	NOOKSACK R	N PUGET SOUND
1972	340,920		873.6	2.5		6/73	NOOKSACK R	N PUGET SOUND
1972		758,737	21,509.8	28.3		4/74	NOOKSACK R	N PUGET SOUND
1973	495,080		140.2	0.2		3/74	NOOKSACK R	N PUGET SOUND
1973	154,375		263.5	1.7		6/74	NOOKSACK R	N PUGET SOUND
1973		848,849	24,864.8	28.3		4/75	NOOKSACK R	N PUGET SOUND
1974	1,116,700		742.5	0.6	3.2- 1.5	2- 5/75	NOOKSACK R	N PUGET SOUND
1974		854,428	24,222.3	28.3		4/76	NOOKSACK R	N PUGET SOUND
1975	143,706		163.3	1.1		5/76	NOOKSACK R	N PUGET SOUND

TABLE 70.--COASTAL WASHINGTON
PUYALLUP SALMON WATCHERY- WASHINGTON DEPARTMENT OF FISH
RELEASE OF- FALL CHINOOK SALMON.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1959	158,764		154.7	0.9		3/60	NISQUALLY R	PUYALLUP R
1959		1,759,738	2,575.5	1.4	1.3- 1.6	3- 5/60	NISQUALLY R	PUYALLUP R
1960		715,600	2,408.1	3.3	2.7- 3.7	4- 5/61	NISQUALLY R	PUYALLUP R
1961	371,893		173.7	0.4		4/62	NISQUALLY R	PUYALLUP R
1961		1,177,617	3,380.2	2.8	2.4- 3.0	5- 6/62	NISQUALLY R	PUYALLUP R
1962			567.9	0.7		3/63	NISQUALLY R	PUYALLUP R
1962	726,160		1,399.3	2.7	2.3- 2.9	5/63	NISQUALLY R	PUYALLUP R
1963		507,465	496.7	1.5		4/64	NISQUALLY R	PUYALLUP R
1963		316,455	2,326.9	3.4	3.3- 3.5	4- 6/64	NISQUALLY R	PUYALLUP R
1964		673,186	4,174.9	2.7	2.2- 3.5	4- 6/65	NISQUALLY R	PUYALLUP R
1965		1,495,651	3,926.3	3.4	3.1- 3.9	5- 6/66	NISQUALLY R	PUYALLUP R
1966		1,123,556	5,384.8	4.0	3.9- 4.1	6/67	NISQUALLY R	PUYALLUP R
1967		1,302,949	7,587.1	4.4	4.3- 4.7	6/68	NISQUALLY R	PUYALLUP R
1968		1,715,505	7,267.9	3.8	3.7- 3.8	5- 6/69	NISQUALLY R	PUYALLUP R
1969		1,895,166	6,496.8	5.3		6/70	NISQUALLY R	PUYALLUP R
1970	776,000		352.9	0.4		4/71	NISQUALLY R	PUYALLUP R
1970		991,116	5,351.9	5.3		6/71	NISQUALLY R	PUYALLUP R
1971		1,551,300	7,675.2	4.9	3.5- 22.6	6- 9/72	NISQUALLY R	PUYALLUP R
1972	500,016		486.7	0.9		4/73	DESCHUTES R	PUYALLUP R
1972		1,601,425	6,473.7	4.0	3.7- 4.3	6- 7/73	NISQUALLY R	PUYALLUP R
1973		69,190	285.3	4.1		6/73	NISQUALLY R	PUYALLUP R
1973	1,458,660		1,027.4	0.7		4/74	PUYALLUP R	PUYALLUP R
1973		1,652,980	7,925.6	4.7		6/74	PUYALLUP R	PUYALLUP R
1974		48,500	1,100.8	22.6		6/75	PUYALLUP R	PUYALLUP R
1974	2,644,180		2,683.0	1.0	0.9- 1.0	4- 5/75	CAPITOL LAKE	PUYALLUP R
1975		879,425	2,374.6	2.7	2.1- 3.6	5- 6/75	PUYALLUP R	PUYALLUP R
1975		2,452,050	8,125.2	3.3	1.9- 4.7	5- 6/76	PUYALLUP R	PUYALLUP R
							PUGT SNO LAKES	PUYALLUP R

TABLE 71.--COASTAL WASHINGTON
PUYALLUP SALMON HATCHERY-- WASHINGTON DEPARTMENT OF FISH
RELEASE OF- SPRING CHINOOK SALMON.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1958-70	0	0	8			1/73	S PUGT SND TRB	
1971		288,400	3,635.5	17.4		2/73	S PUGT SND TRB	
1971		195,600	7,393.6	37.7				

TABLE 72.--COASTAL WASHINGTON
PUYALLUP SALMON HATCHERY-- WASHINGTON DEPARTMENT OF FISH
RELEASE OF-- COHO SALMON.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION	RELEASE LOCATION
1958		318,666	3,015.9	9.4	6.6- 11.3	1/60	HOOD CANAL	HOOD CANAL	TRB S PUGET SOUND
1959	67,733		399.6	5.8		11/60	HOOD CANAL	HOOD CANAL	TRB S PUGET SOUND
1959		384,314	3,134.3	10.2	7.9- 11.6	2- 3/61	HOOD CANAL	HOOD CANAL	TRB S PUGET SOUND
1960	560,680		194.1	0.3		3/61	HOOD CANAL	HOOD CANAL	TRB S PUGET SOUND
1960	300,349		1,596.8	5.6	3.4- 12.2	6-12/61	HOOD CANAL	HOOD CANAL	TRB S PUGET SOUND
1960		316,157	2,888.9	9.1	7.5- 15.1	1/62	HOOD CANAL	HOOD CANAL	TRB S PUGET SOUND
1960		434,785	2,715.7	6.2	3.2- 7.8	2- 3/63	HOOD CANAL	HOOD CANAL	TRB S PUGET SOUND
1961		406,787	4,582.2	11.2	11.0- 11.6	1- 2/64	HOOD CANAL	HOOD CANAL	TRB S PUGET SOUND
1962			1,796.7	11.7	8.0- 17.4	2-12/64	HOOD CANAL	HOOD CANAL	TRB S PUGET SOUND
1963	152,736		5,290.2	12.9	11.8- 15.1	3- 4/65	HOOD CANAL	HOOD CANAL	TRB S PUGET SOUND
1963		408,626	9,895.6	17.7	15.1- 18.8	3- 4/66	HOOD CANAL	HOOD CANAL	TRB S PUGET SOUND
1964		557,576	33.1	0.3		3/66	HOOD CANAL	HOOD CANAL	TRB S PUGET SOUND
1965	84,826		12,433.9	28.3		4/67	HOOD CANAL	HOOD CANAL	TRB S PUGET SOUND
1965		437,536	15,041.1	26.6		4/68	HOOD CANAL	HOOD CANAL	TRB S PUGET SOUND
1966		563,720	12,873.0	22.7	17.4- 23.8	3- 4/69	HOOD CANAL	HOOD CANAL	TRB S PUGET SOUND
1967		564,876	234.5	0.3		4/69	HOOD CANAL	HOOD CANAL	TRB S PUGET SOUND
1968	667,964		13,558.3	23.4	17.4- 23.8	3- 4/70	HOOD CANAL	HOOD CANAL	TRB S PUGET SOUND
1968		578,849	128.4	0.3		3/70	HOOD CANAL	HOOD CANAL	TRB S PUGET SOUND
1969	371,296		15,787.9	22.6		4/71	HOOD CANAL	HOOD CANAL	TRB S PUGET SOUND
1969		692,600	438.2	0.4		4/71	HOOD CANAL	HOOD CANAL	TRB S PUGET SOUND
1970	996,912		889.5	1.1	0.3- 1.8	4- 5/71	HOOD CANAL	HOOD CANAL	TRB S PUGET SOUND
1970	778,559		42,745.2	23.9	19.7- 25.6	5- 6/71	HOOD CANAL	HOOD CANAL	TRB S PUGET SOUND
1971		1,785,749	43,658.3	27.7	19.1- 37.7	3- 7/73	HOOD CANAL	HOOD CANAL	TRB S PUGET SOUND
1971		1,573,972	170.6	0.2		4/73	HOOD CANAL	HOOD CANAL	TRB S PUGET SOUND
1972	569,720		41,939.6	33.1	22.5- 41.2	4- 7/74	PUYALLUP R	HOOD CANAL	TRB S PUGET SOUND
1972		1,263,542	16.3	0.3		4/74	NISQUALLY R	HOOD CANAL	TRB S PUGET SOUND
1973	51,120		32,974.4	22.7		5- 6/75	PUYALLUP R	HOOD CANAL	TRB S PUGET SOUND
1973		1,448,215	59.0	0.6		5/75	PUYALLUP R	HOOD CANAL	TRB S PUGET SOUND
1974	88,810		25,625.2	22.1		4/76	PUYALLUP R	HOOD CANAL	TRB S PUGET SOUND
1974		1,157,290	18,753.8	37.7		7/76	PUYALLUP R	HOOD CANAL	TRB S PUGET SOUND
1974		496,400	238.1	0.5		4/76	PUYALLUP R	S PUGT SNO TRB	S PUGET SOUND
1975	413,805								

TABLE 73.--COASTAL WASHINGTON
PUYALLUP SALMON HATCHERY-- WASHINGTON DEPARTMENT OF FISH
RELEASE OF- PINK SALMON.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1959-67	0	0	0					
1968		1,160	0.5	0.4		4/70	PUYALLUP R	
1969-72	0	0	0					
1973	12,410		4.1	0.3		4/74	PUYALLUP R	

TABLE 74.--COASTAL WASHINGTON
SAMISH HATCHERY - WASHINGTON DEPARTMENT OF FISH
RELEASE OF- FALL CHINOOK SALMON.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION	RELEASE LOCATION
1959	971,272		998.0	1.0	0.7- 1.3	3- 4/60	N PUGT SND TRB	N PUGT SOUND	SAMISH R
1959		1,041,440	2,444.4	2.3	1.9- 5.8	5- 6/60	N PUGT SND TRB	N PUGT SOUND	SAMISH R
1960	639,135		793.8	1.2	1.0- 1.7	3- 4/61	N PUGT SND TRB	N PUGT SOUND	SAMISH R
1960		1,173,016	3,170.2	2.7	1.9- 3.7	4- 5/61	N PUGT SND TRB	N PUGT SOUND	SAMISH R
1961	380,370		159.7	0.5		3/62	N PUGT SND TRB	N PUGT SOUND	SAMISH R
1961		1,483,490	3,682.4	2.4	1.5- 3.0	5- 6/62	N PUGT SND TRB	N PUGT SOUND	SAMISH R
1962	344,410		154.7	0.4		3/63	N PUGT SND TRB	N PUGT SOUND	SAMISH R
1962	176,000		124.7	0.7		3/63	N PUGT SND TRB	N PUGT SOUND	SAMISH R
1962		1,162,567	3,764.8	3.2	2.5- 4.3	4- 5/63	N PUGT SND TRB	N PUGT SOUND	SAMISH R
1963	180,075		155.6	0.8		4- 4/64	N PUGT SND TRB	N PUGT SOUND	SAMISH R
1963		1,772,154	6,100.8	3.4	3.0- 3.7	5/64	N PUGT SND TRB	N PUGT SOUND	SAMISH R
1964		2,037,420	6,858.8	3.3	3.2- 3.5	5/65	N PUGT SND TRB	N PUGT SOUND	SAMISH R
1965		1,914,108	5,516.6	2.8	2.3- 4.0	5/66	N PUGT SND TRB	N PUGT SOUND	SAMISH R
1966		1,794,324	6,142.5	3.4	3.0- 4.4	5/67	N PUGT SND TRB	N PUGT SOUND	SAMISH R
1966	423,225		404.2	0.9		3/68	N PUGT SND TRB	N PUGT SOUND	SAMISH R
1967		2,050,513	8,206.8	4.0	2.2- 5.0	5/68	N PUGT SND TRB	N PUGT SOUND	SAMISH R
1968	552,000		282.6	0.5		2/69	N PUGT SND TRB	N PUGT SOUND	SAMISH R
1968		3,849,978	13,206.8	3.4	2.2- 4.6	4- 5/69	N PUGT SND TRB	N PUGT SOUND	SAMISH R
1969	600,000		272.2	0.4		1/70	N PUGT SND TRB	N PUGT SOUND	SAMISH R
1969		2,944,146	6,887.3	2.3	1.3- 3.7	3- 5/70	N PUGT SND TRB	N PUGT SOUND	SAMISH R
1970	499,879		283.5	0.5		2/71	N PUGT SND TRB	N PUGT SOUND	SAMISH R
1970		2,907,491	10,877.6	3.7	1.5- 4.5	4- 5/71	N PUGT SND TRB	N PUGT SOUND	SAMISH R
1971		2,955,429	12,158.1	4.1	2.9- 4.5	5/72	N PUGT SND TRB	N PUGT SOUND	SAMISH R
1971		38,247	3,154.3	82.4		4/73	N PUGT SND TRB	N PUGT SOUND	SAMISH R
1972		4,152,993	15,080.3	3.6	2.7- 4.1	5- 6/73	N PUGT SND TRB	N PUGT SOUND	SAMISH R
1972		587,849	25,370.3	49.9	45.3- 53.3	3/74	SAMISH R	N PUGT SOUND	SAMISH R
1973	1,850,880		476.3	0.4		2/74	PILCHUCK R		
1973	993,695		1,295.0	1.3		4/74	SAMISH R		
1973		4,887,786	18,967.9	3.8	3.4- 4.4	5- 6/74	SAMISH R		
1973		454,912	12,897.0	28.3		3/75	SAMISH R		
1974		5,511,898	21,040.8	3.8		5- 6/75	SAMISH R		
1974		499,689	13,191.8	26.4		3/76	SAMISH R		
1975		4,332,629	15,884.1	3.6	3.0- 4.4	5- 6/76	SAMISH R		
1975		491,482	1,559.0	3.1		5/76	S PUGT SND TRB		

TABLE 75.--COASTAL WASHINGTON
SAMISH HATCHERY - WASHINGTON DEPARTMENT OF FISH
RELEASE OF- COHO SALMON.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1958		284,876	2,634.5	9.2	5.9- 12.9	1/60	N PUGET SOUND	SAMISH R
1959		275,788	1,821.6	6.6	5.8- 9.0	1- 2/61	N PUGET SOUND	SAMISH R
1960		404,619	2,953.8	7.3	6.9- 7.6	1- 2/62	N PUGET SOUND	SAMISH R
1961		315,865	2,523.8	7.9	5.3- 9.2	1- 2/63	N PUGET SOUND	SAMISH R
1962		391,892	5,340.8	12.8	10.8- 17.4	1- 3/64	N PUGET SOUND	SAMISH R
1963	245,080		113.4	0.4		4/64	N PUGET SOUND	SAMISH R
1963	20,976		46.3	2.2	1.7- 11.9	6-12/64	N PUGET SOUND	SAMISH R
1963		417,376	6,403.4	15.3	11.3- 16.1	1- 3/65	N PUGET SOUND	SAMISH R
1964		440,284	9,052.3	20.5	18.1- 22.6	2- 4/66	N PUGET SOUND	SAMISH R
1965		474,008	18,635.4	22.4	18.1- 23.8	3- 4/67	N PUGET SOUND	SAMISH R
1965		598,415	17,853.8	30.2		4/68	N PUGET SOUND	SAMISH R
1966			158.8	0.5		3/68	N PUGET SOUND	SAMISH R
1967	307,380		14,318.1	28.3		4/69	N PUGET SOUND	SAMISH R
1967		505,050	24,223.6	28.3		4/70	N PUGET SOUND	SAMISH R
1968		854,466	313.9	0.2		2- 3/69	N PUGET SOUND	SAMISH R
1968	1,161,510		19,610.6	28.3		4/71	N PUGET SOUND	SAMISH R
1969		691,744	163.7	0.2		2/70	N PUGET SOUND	SAMISH R
1969			2,771.4	4.3	2.5- 5.6	6- 7/71	N PUGET SOUND	SAMISH R
1970		536,160	16,226.8	30.2		4/72	N PUGET SOUND	SAMISH R
1970			610.1	0.4		2- 3/72	N PUGET SOUND	SAMISH R
1971	1,420,000		14,631.5	23.1	20.5- 23.8	3- 4/73	N PUGET SOUND	SAMISH R
1971			19.1	0.3		3/73	SAMISH R	
1972	58,800		438.6	2.4	1.5- 2.6	5- 6/73	N PUGET SOUND	SAMISH R
1972	179,936		14,910.5	37.7		5/74	SAMISH R	
1972		394,460	208.7	0.5		3/74	SKAGIT R	
1973			15,282.4	34.8		5/75	SAMISH R	
1973		438,009	14,376.2	29.2		5/76	SAMISH R	
1974		491,257						
1975		2,034,050	637.3	0.3		3- 4/76	SAMISH R	SKAGIT R

TABLE 76.--COASTAL WASHINGTON
SAMISH HATCHERY - WASHINGTON DEPARTMENT OF FISH
RELEASE OF- CHUM SALMON.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1959-60	0	0	0			4/62	SAMISH R	
1961	187,276		38.6	0.3		5/63	N PUGET SOUND	
1962	79,280	0	29.9	0.3				
1963-64	0	0	0			3-	5/66	SAMISH R
1965	22,168	0	5.4	0.2		3/68	SAMISH R	
1966	0	0	0			5/74	SAMISH R	
1967	17,366	0	8.6	0.4		6/75	SAMISH R	
1968-72	0	0	0					
1973	1,486,400		1,605.7	1.0				
1974	1,492,000		1,843.9	1.2				

TABLE 77.--COASTAL WASHINGTON
SIMPSON HATCHERY - WASHINGTON DEPARTMENT OF FISH
RELEASE OF- FALL CHINOOK SALMON.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION	RELEASE LOCATION
1959	754,650		526.6	0.6		3/60	HOOD CANAL	S PUGT SNO TRB	NCSTL WASH
1959		2,041,875	3,801.1	1.8	1.5- 1.9	5/60	HOOD CANAL	S PUGT SNO TRB	NCSTL WASH
1960	2,964,550		2,062.0	0.6		2- 4/61	HOOD CANAL	S PUGT SNO TRB	NCSTL WASH
1960		55,800	168.7	3.0		4/61	HOOD CANAL	S PUGT SNO TRB	NCSTL WASH
1961	3,216,810		2,878.8	0.8	0.5- 1.0	3- 4/62	HOOD CANAL	S PUGT SNO TRB	NCSTL WASH
1962	2,657,025		1,419.7	2.8		6/62	HOOD CANAL	S PUGT SNO TRB	NCSTL WASH
1962		498,670	2,673.5	1.0	0.9- 1.1	3- 4/63	HOOD CANAL	S PUGT SNO TRB	NCSTL WASH
1963	3,038,679		983.8	1.9		5/63	HOOD CANAL	S PUGT SNO TRB	NCSTL WASH
1963		4,270,849	3,383.8	1.1	0.8- 1.5	3- 4/64	HOOD CANAL	S PUGT SNO TRB	NCSTL WASH
1964	2,838,760		7,282.9	1.7	1.5- 3.2	5- 6/64	HOOD CANAL	S PUGT SNO TRB	NCSTL WASH
1964		775,180	3,430.1	1.2	0.5- 1.5	3- 5/65	HOOD CANAL	S PUGT SNO TRB	NCSTL WASH
1965	3,291,648		2,497.0	3.2	2.1- 3.9	6- 7/65	HOOD CANAL	S PUGT SNO TRB	NCSTL WASH
1965		346,778	4,488.3	1.3	1.1- 1.4	3- 4/66	HOOD CANAL	S PUGT SNO TRB	NCSTL WASH
1966	1,119,200		1,747.7	5.0		6/66	HOOD CANAL	S PUGT SNO TRB	NCSTL WASH
1966		2,835,290	1,269.2	1.1	1.5- 5.2	4/67	HOOD CANAL	S PUGT SNO TRB	NCSTL WASH
1967	2,773,100		10,332.8	3.6		5- 6/67	HOOD CANAL	S PUGT SNO TRB	NCSTL WASH
1967		1,344,495	2,193.6	0.7	1.9- 4.7	3/68	HOOD CANAL	S PUGT SNO TRB	NCSTL WASH
1968	3,340,500		4,538.6	3.3		5- 6/68	HOOD CANAL	S PUGT SNO TRB	NCSTL WASH
1968		1,478,660	3,030.5	0.9	2.5- 4.5	4/69	HOOD CANAL	S PUGT SNO TRB	NCSTL WASH
1969	1,899,540		5,972.8	4.0		5- 6/69	HOOD CANAL	S PUGT SNO TRB	NCSTL WASH
1969		2,549,125	2,260.7	1.1	2.1- 4.5	3- 4/70	HOOD CANAL	S PUGT SNO TRB	NCSTL WASH
1970		664,800	10,709.3	4.2		6/71	HOOD CANAL	S PUGT SNO TRB	NCSTL WASH
1971		1,034,947	3,769.4	5.6		4- 6/70	HOOD CANAL	S PUGT SNO TRB	NCSTL WASH
1971		186,618	7,971.9	7.7		5- 9/72	HOOD CANAL	S PUGT SNO TRB	NCSTL WASH
1972	1,116,820		8,182.8	76.7	3.9- 25.1	3- 4/73	HOOD CANAL	S PUGT SNO TRB	NCSTL WASH
1972		944,660	1,333.1	1.1	75.5- 90.7	5/73	SATSOP R	WYNOOCHEE R	
1973		252,988	4,139.9	4.3	2.4- 4.5	5- 6/73	CHEHALIS R		
1973		128,687	4,113.6	16.2	5.3- 41.2	6-12/74	SATSOP R		
1974	150,080		6,288.8	48.2	41.2- 75.5	2/75	SATSOP R		
1974		151,521	178.1	1.1		4/75	GRAYS HBR TRIB		
1974		315,642	4,042.9	26.6		11/75	SATSOP R		
1975		99,864	14,115.8	44.7		1- 3/76	SATSOP R		
1975		428,450	397.3	3.9		6/76	WYNOOCHEE R		
1975			3,533.5	8.2		9/76	WYNOOCHEE R		

TABLE 78.--COASTAL WASHINGTON
SIMPSON HATCHERY
RELEASE OF- CONDO SALMON.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION	RELEASE LOCATION
1958		652,731	6,858.3	10.5	13.8- 14.1	1- 3/60	NCSTL WASH		
1959		700,290	6,815.5	8.5	8.2- 9.4	1- 3/61	NCSTL WASH		
1960	686,889		4,224.8	6.1	5.8- 6.4	9-10/61	NCSTL WASH		
1960		510,545	4,459.7	8.7	7.5- 10.0	1/62	NCSTL WASH		
1961	1,172,564		7,507.9	6.4	3.3- 7.5	9-12/62	NCSTL WASH		
1962	1,213,757		3,618.8	2.9	1.1- 6.0	6-11/63	NCSTL WASH		
1962		1,145,845	17,813.9	15.5	15.1- 18.1	1- 4/64	NCSTL WASH		
1963	150,000		453.6	3.0		8/64	NCSTL WASH		
1963		1,222,381	17,845.7	14.6	12.9- 18.1	2- 4/65	NCSTL WASH		
1964	509,248		2,265.8	4.4	2.5- 7.5	6- 8/65	NCSTL WASH		
1964		1,319,325	24,852.8	18.8	15.1- 22.6	1- 4/66	NCSTL WASH		
1965	141,470		298.5	2.1		6/66	NCSTL WASH		
1965		1,288,389	33,333.1	25.8	18.1- 28.3	3- 5/67	NCSTL WASH		
1966	1,362,422		497.6	0.3		2/67	NCSTL WASH		
1966	59,080		678.0	11.3		10/67	NCSTL WASH		
1966		1,541,636	28,779.5	18.6	14.1- 22.6	2- 4/68	NCSTL WASH		
1967	68,810		24.5	0.3		3/68	NCSTL WASH		
1967	17,000		45.4	2.6		7/68	NCSTL WASH		
1967		1,633,195	37,088.0	22.6	20.5- 26.6	2- 5/69	NCSTL WASH		
1968	185,800		67.6	0.3		3/69	NCSTL WASH		
1968	4,500		34.8	7.5		8/69	NCSTL WASH		
1968		1,664,802	43,388.4	26.0	22.6- 28.3	4/70	NCSTL WASH		
1969	755,490		711.2	0.9	0.6- 1.8	4- 5/70	NCSTL WASH		
1969		2,225,080	61,616.9	27.6	25.1- 30.2	3- 4/71	NCSTL WASH		
1970	333,800		544.3	1.6	1.5- 1.6	5- 6/71	NCSTL WASH		
1970		2,205,805	64,404.2	29.1	28.3- 30.2	4/72	NCSTL WASH		
1971		1,936,788	52,925.2	27.3	22.6- 32.3	3- 6/73	NCSTL WASH		
1972		2,333,688	64,696.3	27.7	22.6- 28.3	5/74	CHEHALIS R		
1973	1,272,605		3,385.2	2.6	0.5- 2.6	4- 7/74	CHEHALIS R		
1973		482,960	14,813.7	29.0		4- 5/75	CHEHALIS R		
1973		1,875,161	29,058.9	27.0		4- 5/75	HUMPTULIPS R		
1974	999,240		1,718.2	1.7		5/75	CHEHALIS R		
1974		403,480	18,568.7	26.1		4/76	CHEHALIS R		
1974		1,117,629	25,938.2	23.2		4- 5/76	CHEHALIS R		
1975	525,000		952.5	1.8		6/76	CHEHALIS R		

SATSOP R
SCSTL WASH
SATSOP R
GRAYS HBR TRIB
WYNOOCHEE R
HUMPTULIPS R
GRAYS HBR TRIB
WYNOOCHEE R
WYNOOCHEE R
SKOKOMISH R
WYNOOCHEE R
HUMPTULIPS R
WYNOOCHEE R

TABLE 79.--COASTAL WASHINGTON
SIMPSON HATCHERY - WASHINGTON DEPARTMENT OF FISH
RELEASE OF- CHUM SALMON.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1959		892,800	653.2	0.7		4/60	CHEHALIS R	
1960	246,000		111.6	0.4		3/61	CHEHALIS R	
1961		820,000	875.4	1.0	0.9- 1.1	5/61	CHEHALIS R	
1962	63,000		20.4	0.3		4/62	CHEHALIS R	
1963		736,575	469.5	0.6		4/63	CHEHALIS R	
1964		291,000	220.8	0.7		4/64	CHEHALIS R	
1965	100,000		45.4	0.4		4/65	CHEHALIS R	
1965-66	0	0	0					
1967	299,075		126.6	0.4		3- 4/68	CHEHALIS R	
1968	228,500		94.3	0.4		3/69	CHEHALIS R	
1969-73	0	0	0					
1974		18,000	16.3	0.9		4/75	SATSOP R	
1975		249,910	338.4	1.3		5/76	CHEHALIS R	

TABLE 80.--COASTAL WASHINGTON
SKAGIT HATCHERY - WASHINGTON DEPARTMENT OF FISH
RELEASE OF- FALL CHINOOK SALMON.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION	RELEASE LOCATION
1959	2,291,737		1,943.2	0.8		4/60	N PUGET SOUND	N PUGT SND TRB	
1959		1,334,403	2,290.2	1.7	1.5- 2.0	5- 6/60	N PUGET SOUND	N PUGT SND TRB	
1960		2,746,218	7,188.1	2.5	2.2- 2.9	5- 6/61	N PUGET SOUND	N PUGT SND TRB	
1961	1,888,580		967.5	0.5		2- 3/62	N PUGET SOUND	N PUGT SND TRB	
1961	788,455		553.4	0.7		4/62	N PUGET SOUND	N PUGT SND TRB	
1961		2,018,043	4,739.1	2.3	1.5- 2.7	6/62	N PUGET SOUND	N PUGT SND TRB	
1962	1,585,292		810.6	0.5		3/63	N PUGET SOUND	N PUGT SND TRB	
1962	196,334		213.2	1.0		4/63	N PUGET SOUND	N PUGT SND TRB	
1962		1,469,018	4,064.2	2.7	2.0- 4.4	6- 7/63	N PUGET SOUND	N PUGT SND TRB	
1963	1,978,850		944.8	0.4		1- 2/64	N PUGET SOUND	N PUGT SND TRB	
1963	736,693		586.5	0.7	0.5- 1.0	3/64	N PUGET SOUND	N PUGT SND TRB	
1963		2,055,595	5,658.9	2.7	2.4- 3.1	5/64	N PUGET SOUND	N PUGT SND TRB	
1964	1,664,950		885.1	0.4		1- 2/65	N PUGET SOUND	N PUGT SND TRB	
1964	100,500		68.0	0.6		3/65	N PUGET SOUND	N PUGT SND TRB	
1964		2,560,151	6,874.6	2.6	2.4- 3.0	5- 6/65	N PUGET SOUND	N PUGT SND TRB	
1965		2,738,084	8,518.8	3.1	2.8- 3.5	5/66	N PUGET SOUND	N PUGT SND TRB	
1966	1,859,591		763.4	0.7		3/67	N PUGET SOUND	N PUGT SND TRB	
1966		2,669,786	9,219.7	3.4	3.1- 3.9	6/67	N PUGET SOUND	N PUGT SND TRB	
1967		2,829,887	11,063.6	3.9	3.4- 4.5	6/68	N PUGET SOUND	N PUGT SND TRB	
1968		2,813,968	8,271.7	2.9	2.8- 3.4	6/69	N PUGET SOUND	N PUGT SND TRB	
1969	590,400		653.2	1.1		5/70	N PUGET SOUND	N PUGT SND TRB	
1969		2,441,822	9,347.6	3.8	3.2- 4.1	6/70	N PUGET SOUND	N PUGT SND TRB	
1970		5,050,753	19,268.2	3.8	3.7- 4.8	6/71	N PUGET SOUND	N PUGT SND TRB	
1971		3,712,956	16,964.8	4.5	3.2- 34.8	6-12/72	N PUGET SOUND	N PUGT SND TRB	
1971		28,624	2,164.1	75.6		5/72	N PUGET SOUND	N PUGT SND TRB	
1972		3,399,750	10,280.7	3.0		6/73	SKAGIT R	N PUGT SND TRB	
1972		414,269	12,420.7	29.9		10/73	SAMISH R		
1973	2,509,961		1,297.7	0.5		3/74	STILLAGUAMISH R		
1973		842,933	4,201.6	4.9		8/74	SAMISH R		
1974		1,112,616	6,230.5	5.5		7/75	SAMISH R		
1974		1,086,436	13,359.2	12.2	10.5- 14.6	10-11/75	NOOKSACK R	N PUGET SOUND	
1975		668,384	4,811.7	7.1		7/76	NOOKSACK R		

TABLE 81.--COASTAL WASHINGTON
SKAGIT HATCHERY
RELEASE OF- SPRING CHINOOK SALMON.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1959	1,029		3.6	3.4	2.5- 4.8	6-	8/60	SKAGIT R
1959		35,854	427.3	11.9		12/60		SKAGIT R
1960	94,470		374.2	3.9	3.6- 4.2	6/61		SKAGIT R
1960		130,400	1,782.2	13.6	12.2- 15.1	1/62		SKAGIT R
1961	224,720		370.6	1.6		6/62		SKAGIT R
1962-70	0	0	0					
1971		14,696	1,110.8	75.5		5/73		SKAGIT R
1972		84,920	4,815.3	56.7		5/74		SKAGIT R
1973		90,935	3,437.3	37.7		3/75		SKAGIT R
1974		45,540	2,005.3	44.8		3/76		SKAGIT R

STLLAGUAMISH R

TABLE 82.--COASTAL WASHINGTON
SKAGIT HATCHERY
RELEASE OF-- COMO SALMON.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION	RELEASE LOCATION
1958			4,829.9	8.7	5.3- 10.7	2/60	N PUGET SOUND	N PUGT SND TRB	SKAGIT R
1959	88,518	558,238	845.5	9.5	9.4- 9.6	12/60	N PUGET SOUND	N PUGT SND TRB	SKAGIT R
1959		817,318	7,062.4	8.6	5.7- 10.0	2- 4/61	N PUGET SOUND	N PUGT SND TRB	SKAGIT R
1960	2,685,164		869.5	0.3		3- 4/61	N PUGET SOUND	N PUGT SND TRB	SKAGIT R
1960	388,628		2,413.1	6.3	5.4- 7.6	9- 11/61	N PUGET SOUND	N PUGT SND TRB	SKAGIT R
1960		754,372	7,162.2	9.4	8.8- 10.0	1/62	N PUGET SOUND	N PUGT SND TRB	SKAGIT R
1961	1,163,121		364.2	0.3		4/62	N PUGET SOUND	N PUGT SND TRB	SKAGIT R
1961	49,700		139.3	2.0		8/62	N PUGET SOUND	N PUGT SND TRB	SKAGIT R
1962		771,775	5,454.8	7.0	3.4- 9.8	1- 2/63	N PUGET SOUND	N PUGT SND TRB	SKAGIT R
1962	642,000		198.2	0.3		3- 4/63	N PUGET SOUND	N PUGT SND TRB	SKAGIT R
1962		861,312	12,316.8	14.3	11.9- 18.8	1- 2/64	N PUGET SOUND	N PUGT SND TRB	SKAGIT R
1963	638,482		4,375.4	6.9	8.7- 11.3	4- 12/64	N PUGET SOUND	N PUGT SND TRB	SKAGIT R
1963		546,130	6,298.6	11.5	6.9- 14.1	1- 3/65	N PUGET SOUND	N PUGT SND TRB	SKAGIT R
1964	149,916		168.7	1.1		5/65	N PUGET SOUND	N PUGT SND TRB	SKAGIT R
1964		1,250,415	21,557.9	17.2	14.1- 19.1	1- 3/66	N PUGET SOUND	N PUGT SND TRB	SKAGIT R
1965	66,490		137.4	2.0		8/66	N PUGET SOUND	N PUGT SND TRB	SKAGIT R
1965		1,310,853	34,976.1	26.6		4/67	N PUGET SOUND	N PUGT SND TRB	SKAGIT R
1966		1,682,568	42,400.0	25.1		5/68	N PUGET SOUND	N PUGT SND TRB	SKAGIT R
1967	568,980		157.9	0.2		3/68	N PUGET SOUND	N PUGT SND TRB	SKAGIT R
1967		1,362,287	31,737.4	23.2	18.1- 23.8	3- 4/69	N PUGET SOUND	N PUGT SND TRB	SKAGIT R
1968	890,520		246.3	0.2		3/69	N PUGET SOUND	N PUGT SND TRB	SKAGIT R
1968		1,711,493	45,665.9	26.6		4/70	N PUGET SOUND	N PUGT SND TRB	SKAGIT R
1969	371,258		204.1	0.5		4/70	N PUGET SOUND	N PUGT SND TRB	SKAGIT R
1969	121,100		78.5	0.6		4/70	N PUGET SOUND	N PUGT SND TRB	SKAGIT R
1969		1,872,142	42,876.3	22.9	20.5- 23.8	3- 4/61	N PUGET SOUND	N PUGT SND TRB	SKAGIT R
1970		1,282,491	28,787.4	23.8		5/72	N PUGET SOUND	N PUGT SND TRB	SKAGIT R
1971	915,600		296.6	0.3		3/72	N PUGET SOUND	N PUGT SND TRB	SKAGIT R
1971		1,566,949	37,994.7	24.2	12.2- 45.3	1- 7/73	N PUGET SOUND	N PUGT SND TRB	SKAGIT R
1972	805,000		260.8	0.3		4/73	N PUGT SND TRB	STLLAGUAMISH R	SKAGIT R
1972		2,454,154	61,233.6	24.9	20.5- 25.1	5- 8/74	N PUGT SND TRB	SKAGIT R	
1973	1,485,417		585.6	0.3		4- 5/74	N PUGT SND TRB	SKAGIT R	
1973		1,071,420	16,842.8	15.7		5/75	N PUGT SND TRB	SKAGIT R	
1973		1,113,940	18,016.7	16.1		5/75	N PUGT SND TRB	SKAGIT R	
1974	3,316,920		1,188.4	0.3		3- 4/75	N PUGT SND TRB	SKAGIT R	
1974		588,300	7,212.1	12.2		4/76	N PUGT SND TRB	SKAGIT R	
1974		581,562	12,155.4	20.9		5/76	N PUGT SND TRB	SKAGIT R	

STLLAGUAMISH R

SNOHOMISH R

STLLAGUAMISH R

TABLE 83.--COASTAL WASHINGTON
SKAGIT HATCHERY - WASHINGTON DEPARTMENT OF FISH
RELEASE OF- CHUM SALMON.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION	RELEASE LOCATION
1959.		196,620	157.9	0.8		5/60	SKAGIT R		
1959		889,580	479.9	0.5		4- 5/60	N PUGT SND TRB	N PUGT SOUND	
1960-70	0	0	0						
1971		463,320	259.5	0.5		5/72	N PUGT SOUND	N PUGT SND TRB	SKAGIT R
1972		3,098,166	3,252.7	1.0	0.7- 1.9	6/73	SKAGIT R		
1973		3,709,336	5,072.1	1.3		6/74	SKAGIT R		
1974		4,586,410	4,233.4	0.9		5- 6/75	SKAGIT R		
1975		27,946	48.4	1.4		6/76	SKAGIT R		

TABLE 84.--COASTAL WASHINGTON
SKAGIT HATCHERY - WASHINGTON DEPARTMENT OF FISH
RELEASE OF- PINK SALMON.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1958-70	0	0	0					
1971		38,500	15.9	0.4		3/72	SKAGIT R	
1972-74	0	0	0					
1973		476,216	590.1	1.2	1.1- 1.7	6/74	SKAGIT R	
1974	0	0	0					
1975		2,576,817	1,344.0	0.5		4- 5/76	SKAGIT R	

TABLE 85.--COASTAL WASHINGTON
SKAGIT HATCHERY
- WASHINGTON DEPARTMENT OF FISH
RELEASE OF- STEELHEAD TROUT.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1959 W		24,312	2,081.1	85.5	75.5- 90.7	4/60	SKAGIT R	
1960 W		16,286	1,641.6	100.7		4/61	SKAGIT R	
1961 W		28,840	1,898.5	90.7		4/62	SKAGIT R	
1962-71	0	0	0					
1972 W		30,248	1,715.8	56.6		5/74	SKAGIT R	

TABLE 86.--COASTAL WASHINGTON
SKYKOMISH HATCHERY - WASHINGTON DEPARTMENT OF FISH
RELEASE OF- FALL CHINOOK SALMON.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION	RELEASE LOCATION
1959	769,340		919.8	1.1	1.0- 1.4	4- 5/60	S PUGET SOUND	SNOHOMISH R	STLLAGUAMISH R
1959		785,250	1,498.2	1.9	1.7- 2.4	5- 6/60	S PUGET SOUND	SNOHOMISH R	STLLAGUAMISH R
1960	581,178		692.6	1.1		3- 4/61	S PUGET SOUND	SNOHOMISH R	STLLAGUAMISH R
1960		1,215,089	2,792.8	2.2	1.5- 2.5	4- 5/61	S PUGET SOUND	SNOHOMISH R	STLLAGUAMISH R
1961	1,162,596		621.9	0.5		3/62	S PUGET SOUND	SNOHOMISH R	STLLAGUAMISH R
1961	361,420		482.2	1.3		4/62	S PUGET SOUND	SNOHOMISH R	STLLAGUAMISH R
1961		1,459,161	3,228.2	2.2	2.0- 2.3	5- 6/62	S PUGET SOUND	SNOHOMISH R	STLLAGUAMISH R
1962	1,592,597		781.1	0.4		3/63	S PUGET SOUND	SNOHOMISH R	STLLAGUAMISH R
1962	499,510		335.7	0.6		3/63	S PUGET SOUND	SNOHOMISH R	STLLAGUAMISH R
1962		1,060,558	2,122.8	2.0	1.5- 2.3	4- 5/63	S PUGET SOUND	SNOHOMISH R	STLLAGUAMISH R
1963		1,858,252	4,354.9	2.3	1.3- 2.7	5- 6/64	S PUGET SOUND	SNOHOMISH R	STLLAGUAMISH R
1964	2,445,880		1,180.2	0.4		3/65	S PUGET SOUND	SNOHOMISH R	STLLAGUAMISH R
1964	539,964		437.3	0.8		3/65	S PUGET SOUND	SNOHOMISH R	STLLAGUAMISH R
1964		1,456,911	3,137.8	2.1	1.7- 2.6	5/65	S PUGET SOUND	SNOHOMISH R	STLLAGUAMISH R
1965	1,830,454		1,124.9	1.0	0.7- 1.5	3- 4/66	S PUGET SOUND	SNOHOMISH R	STLLAGUAMISH R
1965		1,410,175	4,194.4	2.9	2.5- 3.4	5- 6/66	S PUGET SOUND	SNOHOMISH R	STLLAGUAMISH R
1966	614,700		389.8	0.5		2/67	S PUGET SOUND	SNOHOMISH R	STLLAGUAMISH R
1966		1,465,193	5,987.4	4.0		5/67	S PUGET SOUND	SNOHOMISH R	STLLAGUAMISH R
1967	1,327,591		5,686.2	3.2	1.5- 4.4	5/68	S PUGET SOUND	SNOHOMISH R	STLLAGUAMISH R
1968		1,490,484	620.5	0.4		3/69	S PUGET SOUND	SNOHOMISH R	STLLAGUAMISH R
1968			5,994.7	4.0	3.1- 4.7	5- 6/69	S PUGET SOUND	SNOHOMISH R	STLLAGUAMISH R
1969	301,350		333.4	1.1		4/70	S PUGET SOUND	SNOHOMISH R	STLLAGUAMISH R
1969		1,583,430	5,279.8	3.5	2.1- 4.6	4- 6/70	S PUGET SOUND	SNOHOMISH R	STLLAGUAMISH R
1970	1,541,000		734.8	0.4		3/71	S PUGET SOUND	SNOHOMISH R	STLLAGUAMISH R
1970		2,869,567	5,974.3	2.8	1.5- 4.3	5- 6/71	S PUGET SOUND	SNOHOMISH R	STLLAGUAMISH R
1971		2,495,742	7,653.9	3.0	1.7- 4.0	5- 6/72	S PUGET SOUND	SNOHOMISH R	STLLAGUAMISH R
1972	368,000		177.8	0.4		3/73	STLLAGUAMISH R		
1972	611,150		678.1	1.0	0.6- 1.4	3- 4/73	SNOHOMISH R	STLLAGUAMISH R	
1972		1,046,365	4,104.1	3.9	3.2- 5.1	5- 6/73	SNOHOMISH R		
1972		492,000	1,115.8	2.2		5/73	SULTAN R		
1973	136,580		176.9	1.2		4/74	SULTAN R		
1973		1,358,509	5,174.6	3.8		6/74	SKYKOMISH R		
1973		21,000	476.3	22.6		2/75	LAKE CHELAN		
1973		453,310	12,094.6	26.6		3/75	SNOHOMISH R		
1974	785,463		863.2	1.0	0.4- 1.6	2- 5/75	SNOHOMISH R	N PUGET SOUND	SKYKOMISH R
1974		1,755,524	6,333.1	3.6	3.4- 4.0	6/75	SKYKOMISH R		
1974		581,636	33,461.5	66.7		3/76	SKYKOMISH R		
1975		2,779,324	7,630.8	2.7	2.3- 3.0	6/76	SKYKOMISH R		

TABLE 87.--COASTAL WASHINGTON
SKYKOMISH HATCHERY
RELEASE OF- SPRING CHINOOK SALMON.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1958-70	0	0	0					
1971		119,825	1,964.1	16.3	11.9- 26.6	8-10/72	SULTAN R	
1971		13,626	1,544.9	113.3		2/73	SNOHOMISH R	
1972	229,586		1,046.0	4.5	2.2- 5.2	5- 6/73	SKYKOMISH R	
1972		39,991	1,591.2	39.7		4/74	SKYKOMISH R	
1973		48,067	1,453.3	30.2		3/75	SKYKOMISH R	
1974		68,661	3,575.2	52.0		1- 3/76	SKYKOMISH R	SULTAN R

TABLE 88.--COASTAL WASHINGTON
SKYKOMISH HATCHERY - WASHINGTON DEPARTMENT OF FISH
RELEASE OF- COHO SALMON.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION	RELEASE LOCATION
1958		439,611	4,282.4	9.7	8.5- 11.3	1/60	S PUGET SOUND	S PUGT SND	TRB
1959	80,204		254.9	3.1	2.6- 3.6	9/60	S PUGET SOUND	S PUGT SND	TRB
1959		609,600	4,467.9	7.3	5.0- 9.8	1/61	S PUGET SOUND	S PUGT SND	TRB
1960	788,760		271.2	0.3		2- 3/61	S PUGET SOUND	S PUGT SND	TRB
1960	297,809		1,961.3	6.5	2.1- 9.0	7-12/61	S PUGET SOUND	S PUGT SND	TRB
1960		463,986	4,796.3	10.3	9.6- 11.3	1/62	S PUGET SOUND	S PUGT SND	TRB
1961	444,400		168.7	0.3		4/62	S PUGET SOUND	S PUGT SND	TRB
1961		604,723	4,724.2	7.8	6.2- 10.0	11-12/62	S PUGET SOUND	S PUGT SND	TRB
1962	294,640		115.2	0.3		2- 3/63	S PUGET SOUND	S PUGT SND	TRB
1962		531,357	9,394.8	17.6	15.1- 19.7	1- 2/64	S PUGET SOUND	S PUGT SND	TRB
1963	996,950		356.1	0.3		1- 2/64	S PUGET SOUND	S PUGT SND	TRB
1963		774,117	12,551.8	16.2	11.3- 19.7	1- 4/65	S PUGET SOUND	S PUGT SND	TRB
1964	175,421		295.3	1.6		6/65	S PUGET SOUND	S PUGT SND	TRB
1964		703,851	15,187.6	19.3	17.4- 22.6	1- 3/66	S PUGET SOUND	S PUGT SND	TRB
1965	220,720		80.7	0.3		1- 3/66	S PUGET SOUND	S PUGT SND	TRB
1965		835,074	13,608.7	16.2	15.1- 18.1	1- 3/67	S PUGET SOUND	S PUGT SND	TRB
1966		841,875	23,844.0	28.3		5/68	S PUGET SOUND	S PUGT SND	TRB
1967		851,438	23,418.5	27.5	21.6- 28.3	3- 5/69	S PUGET SOUND	S PUGT SND	TRB
1968		916,324	25,647.0	27.9	18.1- 30.2	2- 5/70	S PUGET SOUND	S PUGT SND	TRB
1969	1,778,700		684.9	8.3		2/78	S PUGET SOUND	S PUGT SND	TRB
1969	428,552		294.4	0.7		4/70	S PUGET SOUND	S PUGT SND	TRB
1969		879,658	24,936.1	28.4	26.6- 30.2	5/71	S PUGET SOUND	S PUGT SND	TRB
1970	588,800		264.4	8.4		4/71	S PUGET SOUND	S PUGT SND	TRB
1970		898,500	21,835.5	24.5	20.5- 25.1	3- 5/72	S PUGET SOUND	S PUGT SND	TRB
1971	668,880		252.7	0.3		4/72	S PUGET SOUND	S PUGT SND	TRB
1971		413,000	10,840.3	24.3	22.6- 45.3	5/73	S PUGET SOUND	S PUGT SND	TRB
1972	525,000		199.1	0.3		3/73	S PUGET SOUND	S PUGT SND	TRB
1972	778,069		824.6	1.0		4/73	S PUGET SOUND	S PUGT SND	TRB
1972		704,052	25,682.4	36.4	23.8- 50.3	4- 7/74	SKYKOMISH R	SULTAN R	
1973	1,031,400		555.2	0.5		3- 4/74	SKYKOMISH R	SKYKOMISH R	
1973		433,998	10,361.0	23.8		5/75	SKYKOMISH R	SKYKOMISH R	
1974	978,640		393.3	0.4		3- 4/75	SKYKOMISH R	SKYKOMISH R	
1974	90,150		851.8	9.4		12/75	SKYKOMISH R	SKYKOMISH R	
1974		380,828	11,078.1	29.0		3- 5/76	SKYKOMISH R	SKYKOMISH R	
1974		250,000	4,535.9	18.1		4/76	PUYALLUP R	PUYALLUP R	
1974		126,250	2,290.6	18.1		4/76	GREEN R	GREEN R	
1974		112,580	2,841.2	18.1		4/76	DESCUTES R	DESCUTES R	
1974		60,100	1,090.4	18.1		4/76	S PUGT SND	TRB	

TABLE 89.--COASTAL WASHINGTON
SKYKOMISH HATCHERY - WASHINGTON DEPARTMENT OF FISH
RELEASE OF- CHUM SALMON.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1960-73 1974	0	3,651,819	0 3,405.6	0.9		6/75	SKYKOMISH R	

TABLE 90.--COASTAL WASHINGTON
SKYKOMISH HATCHERY - WASHINGTON DEPARTMENT OF FISH
RELEASE OF- PINK SALMON.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1968-74 1975	0	0 497,900	0 173.7	0.3		4/76	SKYKOMISH R	

TABLE 91.--COASTAL WASHINGTON
SOLEDUCK HATCHERY - WASHINGTON DEPARTMENT OF FISH
RELEASE OF- FALL CHINOOK SALMON.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION	RELEASE LOCATION
1958-69	-	-	-	-	-	-	-	-	-
1970	-	4,139,875	21,641.3	5.2	4.5- 6.5	5- 6/71	NCSTL WASH		
1971	-	1,231,508	9,530.9	7.7	4.5- 10.0	5- 7/72	NCSTL WASH		
1971	-	118,928	9,783.7	87.4	64.7-151.1	1- 5/73	ELWHA R		SOLEDUCK R
1972	-	2,068,490	10,333.3	4.9	4.4- 6.2	6/73	NCSTL WASH		
1972	-	51,996	3,938.8	75.5		5/74	SOLEDUCK R		
1973	-	439,934	2,883.7	6.3	5.8- 7.1	5- 7/74	CHEHALIS R		SULTAN R
1973	-	133,101	8,749.8	65.7		4/75	SOLEDUCK R		
1974	-	858,650	4,547.3	5.3	5.0- 5.3	5- 6/75	CLALLUM R		JUAN DE FUCA
1974	-	32,250	1,950.4	60.4		4/76	SOLEDUCK R		

-- INDICATES HATCHERY NOT IN OPERATION

TABLE 92.--COASTAL WASHINGTON
SOLEDUCK HATCHERY - WASHINGTON DEPARTMENT OF FISH
RELEASE OF- SPRING CHINOOK SALMON.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1958-69	-	-	-	-	-	-	-	-
1970	0	0	0	0	0	0	0	0
1971	53,867	97,425	2,946.1	30.2	5.4	6/72	SOLEDUCK R	SOLEDUCK R
1971		385,878	43,174.3	111.8	64.7-113.3	9/72	SOLEDUCK R	SOLEDUCK R
1971		119,000	18,795.5	90.7	1- 5/73	5/73	ELWHA R	SOLEDUCK R
1972		133,800	6,032.8	45.3	5/74	5/74	SOLEDUCK R	SULTAN R
1973		357,760	44,941.9	125.6	3/74	3/74	CHEMALIS R	SULTAN R
1974		288,000	22,679.6	113.3	3-	4/75	SOLEDUCK R	SOLEDUCK R
1975		119,700	2,585.5	21.5	4/76	4/76	SOLEDUCK R	SOLEDUCK R

-- INDICATES HATCHERY NOT IN OPERATION

TABLE 93.--COASTAL WASHINGTON
SOLEDOCK HATCHERY - WASHINGTON DEPARTMENT OF FISH
RELEASE OF- COHD SALMON.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION	RELEASE LOCATION
1958-69	-	-	-	-	-	-	-	-	-
1970	703,500	1,634,000	212.7	0.3		3/71 NCSTL WASH			
1971		333,850	46,323.1	28.3		5/72 NCSTL WASH			
1972		993,078	10,095.2	30.2		3/73 SOLEDOCK R			
1973	1,946,100		28,543.7	28.7	18.8- 56.6	5- 7/74 CHEHALIS R			SULTAN R
1973			2,680.3	1.3	3.3- 2.2	3- 7/74 CHEHALIS R			SULTAN R
1974	1,288,500	725,983	15,841.7	21.8	17.4- 30.2	2- 4/75 CLALLUM R			NCSTL WASH
1974			389.6	0.3		3/75 SKOKOMISH R			NCSTL WASH
1974	911,760		935.3	1.0	0.9- 1.1	5/75 SOLEDOCK R			NCSTL WASH
1975		19,988	503.9	25.2		4/76 QUEETS R			
		948,285	25,476.1	27.0		3- 4/76 SOLEDOCK R			

-- INDICATES HATCHERY NOT IN OPERATION

TABLE 94.--COASTAL WASHINGTON
HILLIPA HATCHERY - WASHINGTON DEPARTMENT OF FISH
RELEASE OF- FALL CHINOOK SALMON.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1959		956,220	2,433.1	2.5	2.0-	4-	6/60	NCSTL WASH
1960		345,611	984.5	2.6	2.2-	4/61	NCSTL WASH	NCSTL WASH
1961		145,768	435.0	2.9		4/62	NCSTL WASH	NCSTL WASH
1962		403,353	1,175.3	2.9	2.5-	4-	5/63	NCSTL WASH
1963		709,374	2,403.1	3.3	3.0-	5/64	NCSTL WASH	NCSTL WASH
1964		1,775,776	5,424.1	3.0	2.6-	5-	6/65	NCSTL WASH
1965		972,864	3,873.2	3.9	2.2-	4-	5/66	NCSTL WASH
1966		696,363	3,256.3	4.6		5/67	NCSTL WASH	NCSTL WASH
1967		1,172,686	5,416.3	4.6	4.1-	5/68	NCSTL WASH	NCSTL WASH
1968	1,172,212		637.8	0.5		1-	2/69	NCSTL WASH
1968		1,541,823	6,549.4	4.2	3.7-	5/69	NCSTL WASH	NCSTL WASH
1969	757,360		372.4	0.4		2-	3/70	NCSTL WASH
1969	727,005		910.4	1.2	0.5-	3-	4/70	NCSTL WASH
1969		1,089,469	5,072.5	4.6	4.5-	5-	6/70	NCSTL WASH
1970			178.7	0.4		5-	2/71	NCSTL WASH
1970		1,515,216	7,435.3	4.9	4.3-	5-	6/71	NCSTL WASH
1971		1,376,888	6,679.6	4.8	4.7-	5/72	NCSTL WASH	NCSTL WASH
1972		955,678	4,197.1	4.3		6/73	SCSTL WASH	SCSTL WASH
1973		943,887	6,441.9	6.8	5.4-	6-11/74	HILLAPA SYSTEM	HILLAPA SYSTEM
1973		37,817	2,118.3	57.2	45.3-	3/75	HILLAPA SYSTEM	HILLAPA SYSTEM
1974		1,862,543	9,228.3	4.9	4.1-	5-	6/75	HILLAPA SYSTEM
1975		1,876,825	9,572.2	5.1	4.2-	6/76	HILLAPA SYSTEM	HILLAPA SYSTEM

HILLAPA SYSTEM

TABLE 95.--COASTAL WASHINGTON
HILLIPA HATCHERY
- WASHINGTON DEPARTMENT OF FISH
RELEASE OF- CONO SALMON.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1958		457,802	4,237.5	9.2	5.1- 17.4	1- 2/60	NCSTL WASH	
1959	58,112		229.1	3.9	1.9- 5.9	6-11/60	NCSTL WASH	
1959		414,459	4,121.3	9.9	8.3- 11.6	3/61	NCSTL WASH	
1960	206,393		446.3	2.1	1.3- 2.7	6- 7/61	NCSTL WASH	
1960		232,048	2,408.8	10.3	8.2- 14.6	1/62	NCSTL WASH	
1961	583,639		3,982.1	6.8	2.1- 9.4	6-11/62	NCSTL WASH	
1962	7,574		176.4	23.2	22.5- 23.8	9-10/63	NCSTL WASH	
1962		518,480	8,108.9	15.6	11.5- 16.1	1- 4/64	NCSTL WASH	
1963	40,590		557.9	13.7	15.6- 18.1	11/64	NCSTL WASH	
1963		562,691	9,771.7	17.3		3- 4/65	NCSTL WASH	
1964	279,570		108.9	0.3		3/65	NCSTL WASH	
1964		594,380	13,782.0	23.1	19.7- 25.1	4/66	NCSTL WASH	
1965	292,950		98.4	0.3		3/66	NCSTL WASH	
1965		689,634	14,931.4	21.6	13.7- 25.1	1- 4/67	NCSTL WASH	
1966		847,242	17,458.3	20.6		4/68	NCSTL WASH	
1967		847,264	21,423.6	25.2	18.1- 28.3	1- 4/69	NCSTL WASH	
1968	734,600		268.1	0.3		2/69	NCSTL WASH	
1968		875,824	20,908.8	23.8		4/70	NCSTL WASH	
1969	991,810		347.9	0.3		2- 3/70	NCSTL WASH	
1969		835,326	21,049.9	25.1		4/71	NCSTL WASH	
1970	2,103,192		943.9	0.4		2- 3/71	NCSTL WASH	
1970	41,100		186.4	4.5		6/71	NCSTL WASH	
1970		871,628	22,867.9	26.2		4/72	NCSTL WASH	
1971	640,168		248.4	0.3		2- 3/72	NCSTL WASH	
1971	149,380		484.0	3.2	20.6- 21.5	6/72	NCSTL WASH	
1971		836,794	17,988.9	21.4		4/73	NCSTL WASH	
1972	618,780		288.8	0.3		3/73	NCSTL WASH	
1972	871,663		2,639.5	3.0	2.9- 3.1	6/73	NCSTL WASH	
1972		413,260	10,088.8	24.4	22.6- 25.1	4- 5/74	HILLAPA SYSTEM	
1973	284,580		126.6	0.4		2/74	WYNOCHEE R	
1973		953,081	21,508.0	22.5	21.5- 26.6	5- 6/75	HILLAPA SYSTEM	
1974	540,140		216.8	0.4		2/75	HILLAPA SYSTEM	
1974		1,042,866	22,217.4	21.3	17.4- 22.6	4/76	HILLAPA SYSTEM	
1975	188		2.7	15.0		11/76	HILLAPA SYSTEM	

TABLE 96.--COASTAL WASHINGTON
HILLIPA HATCHERY - WASHINGTON DEPARTMENT OF FISH
RELEASE OF- CHUM SALMON.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1959	2,000		0.9	0.4		1/60	HILLAPA SYSTEM	
1960		153,846	151.8	0.9		3/61	HILLAPA SYSTEM	
1961		140,120	140.5	1.0		4/62	HILLAPA SYSTEM	
1962-67	0	0	0					
1968	25,344		8.2	0.3		2/69	HILLAPA SYSTEM	

TABLE 97.--COASTAL WASHINGTON
WILLIPA HATCHERY - WASHINGTON DEPARTMENT OF FISH
RELEASE OF- SOCKEYE SALMON.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1959-70 1971	0	0 2,496	0 14.5	5.8		7/72	SCSTL WASH	

TABLE 98.--COASTAL WASHINGTON
GARRISON CREEK
- WASHINGTON DEPARTMENT OF FISH
RELEASE OF- FALL CHINOOK SALMON.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION	RELEASE LOCATION
1958-70	-	-	-	-	-	-	-	-	-
1971	0	0	0	0	0	0	0	0	0
1972	0	228,950	929.9	4.0	3.1- 5.7	3- 4/73	S PUGT SND TRB		
1973	0	0	0	0	0	0	0	0	0
1974		45,000	204.1	4.5		6/75	CHAMBERS CR		
1974		37,182	2,805.0	75.6		5/76	S PUGT SND TRB		
1975		364,160	1,247.4	3.4		6/76	HINTER CR		
1975		1,000	18.1	18.1		12/76	HINTER CR		

-- INDICATES HATCHERY NOT IN OPERATION

TABLE 99.--COASTAL WASHINGTON
GARRISON CREEK
RELEASE OF- SPRING CHINOOK SALMON.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1958-70 1971	19,125	-	192.8	10.0	-	5/72	S PUGT SNO TRB	

-- INDICATES HATCHERY NOT IN OPERATION

TABLE 100.--COASTAL WASHINGTON
GARRISON CREEK
- WASHINGTON DEPARTMENT OF FISH
RELEASE OF- CONO SALMON.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1958-70	-	-	-	-	-	-	-	-
1971-72	0	0	0	0	0	0	0	0
1973	59,711	1,821,275	1,003.3	16.8	7/74	S PUGT SNO TRB		
1974			43,488.8	23.8	5/76	HINTER CR		

-- INDICATES WATCHERY NOT IN OPERATION

TABLE 101.--COASTAL WASHINGTON
GARRISON CREEK - WASHINGTON DEPARTMENT OF FISH
RELEASE OF- CHUM SALMON.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION	RELEASE LOCATION
1960-70	-	-	-	-	-	-	-	-	-
1971-73	0	0	0	0	0	0	0	0	0
1974		553,590	700.3	1.4	0.7- 7.5	3- 6/75	CHAMBERS CR		

-- INDICATES HATCHERY NOT IN OPERATION

TABLE 1B2.--COASTAL WASHINGTON
GARRISON CREEK - WASHINGTON DEPARTMENT OF FISH
RELEASE OF- PINK SALMON.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1959-70	-	-	-	-	-	-	-	-
1971	0	150,888	742.1	4.9	1.2- 12.2	6- 7/72	S PUGT SND TRB	
1972-74	0	8	0					
1975		135,748	781.5	5.7	1.0- 18.8	3- 5/76	WINTER CR	

-- INDICATES HATCHERY NOT IN OPERATION

TABLE 103.--COASTAL WASHINGTON
OLYMPIC REARING CHANNEL - WASHINGTON DEPARTMENT OF FISH
RELEASE OF- FALL CHINOOK SALMON.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1960-73 1974	-	60,648	4,504.9	75.5		4/76	ELWHA R	

-- INDICATES HATCHERY NOT IN OPERATION

TABLE 104.--COASTAL WASHINGTON
OLYMPIC REARING CHANNEL - WASHINGTON DEPARTMENT OF FISH
RELEASE OF- COHO SALMON.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1960-73 1974	-	810,118	21,615.5	26.6		4/76	ELWHA R	

-- INDICATES HATCHERY NOT IN OPERATION

TABLE 105.--COASTAL WASHINGTON
PERCIVAL DESCHUTES CNPLX- WASHINGTON DEPARTMENT OF FISH
RELEASE OF- FALL CHINOOK SALMON.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION	RELEASE LOCATION
1959-69	-	-	-	-	-	-	-	-	-
1970		10,555,127	33,989.8	3.2	1.5- 7.3	4- 6/71	DESCHUTES R		
1971		5,650,340	30,210.6	5.3	3.6- 7.1	5- 6/72	DESCHUTES R		
1972		3,119,500	4,449.7	1.4	1.1- 1.9	4- 5/73	DESCHUTES R		
1972		2,259,574	7,365.0	3.2	2.7- 3.8	5- 6/73	DESCHUTES R		
1972		6,743,316	29,351.1	4.3		4- 7/73	DESCHUTES R		
1972		596,991	49,098.7	82.2	64.7-113.3	4/74	CAPITOL LAKE		
1973		6,392,972	7,590.9	1.1		4/74	CAPITOL LAKE		
1973		4,475,000	13,254.9	2.9	1.8- 5.3	5/74	CAPITOL LAKE		
1973		284,220	36,170.8	127.2	113.3-151.1	3- 5/75	CAPITOL LAKE		
1974		4,988,610	25,142.2	5.0		5/75	CAPITOL LAKE		
1974		696,128	59,577.1	85.5		4/76	CAPITOL LAKE		

-- INDICATES HATCHERY NOT IN OPERATION

TABLE 106.--COASTAL WASHINGTON
PERCIVAL DESCHUTES CMPLX- WASHINGTON DEPARTMENT OF FISH
RELEASE OF- SPRING CHINOOK SALMON.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1959-69	-	-	-	-	-	-	-	-
1970-73	0	0	0	0	0	0	0	0
1974		19,660	2,547.8	129.5		4/76	CAPITOL LAKE	

--" INDICATES HATCHERY NOT IN OPERATION

TABLE 187.--COASTAL WASHINGTON
PERCIVAL DESCHUTES CMPLX- WASHINGTON DEPARTMENT OF FISH
RELEASE OF- COHO SALMON.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1960-69	-	-	-	-	-	-	-	-
1970-73	0	0	0	0	0	0	0	0
1974		52,200	1,315.4	25.1		3/76	CAPITOL LAKE	

-- INDICATES HATCHERY NOT IN OPERATION

TABLE 106.--COASTAL WASHINGTON
S SOUND NET PEN
RELEASE OF-- FALL CHINOOK SALMON.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION	RELEASE LOCATION
1960-71	-	-	-	-	-	-	-	-	-
1972	-	60,508	8,332.5	137.7	-	1- 3/74	S PUGT SND TRB	-	-
1973	-	36,485	1,564.9	42.8	15.5- 75.5	7-12/74	S PUGT SND TRB	-	-
1973	-	55,094	4,191.2	76.0	-	2/75	S PUGET SOUND	S PUGT SND TRB	-
1974	-	62,455	3,200.1	51.2	-	2/76	S PUGET SOUND	-	-

-- INDICATES HATCHERY NOT IN OPERATION

TABLE 109.--COASTAL WASHINGTON
S SOUND NET PEN
RELEASE OF- CONO SALMON.
- WASHINGTON DEPARTMENT OF FISH

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1959-71	-	-	-	-	-	-	-	-
1972	-	241,364	9,462.8	39.2	28.3-113.3	5-11/74	S PUGT SND TRB	
1973	-	17,372	277.5	15.9	15.1-113.3	10-11/74	S PUGT SND TRB	
1974	-	267,800	11,910.9	44.4		7/76	S PUGET SOUND	
1974	-	25,800	872.3	34.8		5/76	S PUGET SOUND	

--" INDICATES HATCHERY NOT IN OPERATION

TABLE 110.--COASTAL WASHINGTON
S SOUND NET PEN - WASHINGTON DEPARTMENT OF FISH
RELEASE OF- CHUM SALMON.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1968-72	-	-	-	-	-	5/74	S PUGT SNO TRB	
1973	-	580,000	325.7	0.6		11/74	S PUGT SNO TRB	
1973	-	2,262	193.7	85.6				

-- INDICATES HATCHERY NOT IN OPERATION

TABLE III.--COASTAL WASHINGTON
SQUAXIN SALTWATER PENS - WASHINGTON DEPARTMENT OF FISH
RELEASE OF- FALL CHINOOK SALMON.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1959-70	-	-	-	-	-	-	-	-
1971	-	230,371	41,475.1	180.0	-	4/73	CASE INLET	-
1972	-	41,852	8,251.3	197.1	-	3/74	CASE INLET	-

-- INDICATES HATCHERY NOT IN OPERATION

TABLE 112.--COASTAL WASHINGTON
SQUAXIN SALTWATER PENS - WASHINGTON DEPARTMENT OF FISH
RELEASE OF- SPRING CHINOOK SALMON.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1958-70 1971	-	2,468	559.7	226.7	-	9/73	ELD INLET	

--- INDICATES HATCHERY NOT IN OPERATION

TABLE 113.--COASTAL WASHINGTON
SQUAXIN SALTWATER PENS - WASHINGTON DEPARTMENT OF FISH
RELEASE OF- CONO SALMON.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION	RELEASE LOCATION
1950-70	-	-	-	-	-	-	-	-	-
1971	-	185,000	6,993.8	37.8	-	6/73	ELD INLET	-	-
1972	-	126,800	7,413.1	58.8	-	8/74	CASE INLET	-	-
1973	-	350,000	9,338.6	26.6	-	6/75	HOOD CANAL	TRB	TRB
1973	-	150,000	5,659.9	37.7	-	7/75	HOOD CANAL	TRB	TRB
1974	-	273,935	11,612.9	42.3	-	6/76	S PUGT SND	TRB	TRB

-- INDICATES HATCHERY NOT IN OPERATION

TABLE 114.--COASTAL WASHINGTON
TULALIP POND - WASHINGTON DEPARTMENT OF FISH
RELEASE OF- FALL CHINOOK SALMON.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1958-69	-	-	-	-	-	-	-	-
1970-72	0	0	0	0	0	0	0	0
1973		510,200	27,955.8	54.7	32.3- 56.6	1- 5/74	N PUGT SND TRB	
1973		415,000	13,445.8	32.3		4/75	S PUGT SND TRB	
1974		326,500	9,256.8	28.3		4/76	S PUGT SND TRB	
1975		998,000	4,526.9	4.5		6/76	S PUGT SND TRB	

-- INDICATES HATCHERY NOT IN OPERATION

TABLE 115.--COASTAL WASHINGTON
TULALIP POND
RELEASE OF- COHO SALMON.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION	RELEASE LOCATION
1958-69	-	-	-	-	-	4,772	SNOHOMISH R		
1970		490,600	12,564.5	25.1		5- 6/73	SNOHOMISH R		
1971		671,612	19,487.7	29.0		5- 8/74	N PUGT SND TRB		
1972		628,032	14,786.2	23.5	14.1- 25.1	5/75	S PUGT SND TRB		
1973		1,262,367	27,587.3	21.8		4/76	S PUGT SND TRB		
1974		899,106	16,338.4	18.1					

--" INDICATES HATCHERY NOT IN OPERATION

TABLE 116.---COASTAL WASHINGTON
MINOR WOF+ COOP PROJECTS- WASHINGTON DEPARTMENT OF FISH
RELEASE OF- FALL CHINOOK SALMON.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION	RELEASE LOCATION
1958		24,768	1,154.8	46.6	32.3- 56.6	3/60	N PUGET SOUND		
1958		700	99.8	142.5		12/60	N PUGET SOUND		
1960		41,549	1,458.3	35.0	34.8- 37.7	11/61	N PUGET SOUND		
1961		10,486	214.5	20.6		2/63	N PUGET SOUND		
1961		236	107.0	453.3		1/64	N PUGET SOUND		
1962		18,283	40.4	2.2	2.0- 7.5	4- 9/63	N PUGET SOUND		
1962		6,944	589.4	73.3	54.7- 75.5	4- 6/64	N PUGET SOUND		
1971		121,672	823.7	6.7		6/72	GORST CR		
1972		20,882	78.9	3.9		5/73	PALIX R		
1972		1,072,598	4,846.8	3.7	2.7- 4.0	5/73	GORST CR		
1972		16,681	1,750.9	105.4	28.3-151.1	4/74	N PUGT SND TRB		
1973		548,850	3,111.6	5.6		5/74	WILLAPA SYSTEM		
1973		182,574	6,351.2	62.0		2/75	S PUGET SOUND		
1973		8,296	558.8	68.5		2/75	S PUGET SOUND		
1973		19,763	1,572.2	79.5		3/75	S PUGET SOUND		
1973		33,276	2,271.5	68.2		3/75	WYNOOCHEE R		
1974		5,632	182.8	32.4		3/76	N PUGT SND TRB		
1974		5,585	266.7	47.7		3/76	S PUGET SOUND		
1974		5,596	241.8	43.2		3/76	S PUGET SOUND		

TABLE 117.--COASTAL WASHINGTON
MINOR WOF+ COOP PROJECTS- WASHINGTON DEPARTMENT OF FISH
RELEASE OF- SPRING CHINOOK SALMON.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1959		28,619	855.8	30.2		12/60	N PUGET SOUND	
1960		13,596	560.6	41.2		5/62	N PUGET SOUND	
1960		1,387	157.4	113.4		5/63	N PUGET SOUND	
1961	9,200		52.2	5.6		12/62	N PUGET SOUND	
1961	4,244		36.7	8.6		2/63	N PUGET SOUND	
1971		19,383	1,653.8	85.6	64.7- 98.7	4- 5/73	N PUGET SOUND	
1972		198,080	4,498.6	22.6	1.7- 6.5	10/73	S PUGT SND TRB	
1973		159,898	4,252.4	26.3		11/74	S PUGT SND TRB	

TABLE 118.--COASTAL WASHINGTON
MINOR WDF+ COOP PROJECTS- WASHINGTON DEPARTMENT OF FISH
RELEASE OF- CONDO SALMON.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1958		15,954	346.5	21.7	13.1-113.3	3/60	N PUGET SOUND	SAMISH R
1959	90,549		433.6	4.7	3.9- 75.5	9-11/60	N PUGET SOUND	SAMISH R
1963	146,180		394.6	2.6	2.4- 3.0	8/64	N PUGET SOUND	SAMISH R
1971		11,485	304.8	26.5	23.8- 32.3	5- 6/73	L WASHINGTON	
1971		55,150	3,796.6	68.8	45.3- 90.7	5- 8/73	N PUGET SOUND	
1972		27,329	693.1	25.3		4/74	CHEHALIS R	
1972		430,000	13,932.1	32.4		5/74	S PUGT SND TRB	
1972		25,000	3,779.8	151.1		5/74	S PUGT SND TRB	
1972		307,000	5,618.9	18.2		5/74	NOOKSACK R	
1972		110,713	3,478.1	31.4	26.5- 75.5	4- 7/74	N PUGT SND TRB	
1973		1,980	29.9	15.1		1/75	SNOHOMISH R	
1973		29,500	987.2	30.7		1- 4/75	S PUGT SND TRB	
1973		10,000	283.5	28.3		5/75	HYNOOCHEE R	
1973		29,988	800.1	26.6		5/75	GRAYS HBR TRIB	
1973		10,000	283.5	28.3		5/75	GRAYS HBR TRIB	
1973		1,534,500	34,790.5	22.6		6/75	S PUGET SOUND	
1973		21,470	973.9	45.3		7/75	S PUGET SOUND	
1974			326.1	2.0	1.4- 2.5	5- 6/75	SNOHOMISH R	
1974	125,298		5,951.1	47.4	30.2- 64.7	7- 8/75	S PUGET SOUND	
1974	913		59.8	64.6		11/75	S PUGET SOUND	
1974	30,000		987.2	30.2		6/76	GRAYS HBR TRIB	
1974	9,996		215.9	21.5		5/76	GRAYS HBR TRIB	
1975		170,584	380.1	2.2		4- 6/76	SKYKOMISH R	SNOHOMISH R
1975	59,029		94.3	1.5		5/76	S PUGET SOUND	

TABLE 119.--COASTAL WASHINGTON
MINOR WOF+ COOP PROJECTS- WASHINGTON DEPARTMENT OF FISH
RELEASE OF- CHUM SALMON.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1959		1,839,235	2,007.6	1.0	0.9-	5-	6/60	SAMISH R
1960		924,538	1,953.6	2.1	0.9-	5/61	N PUGET SOUND	SAMISH R
1962		341,013	298.8	0.8	0.5-	5/63	SAMISH R	
1963		649,332	641.4	0.9		5/64	SAMISH R	
1964			71.7	0.4		5/65	N PUGET SOUND	
1964	150,100	863,586	1,077.7	1.2	1.1-	6/65	SAMISH R	
1972		110,000	199.6	1.8		5/73	WILLAPA SYSTEM	
1973		200,000	302.1	1.5		4/74	WILLAPA SYSTEM	
1975		37,000	31.8	0.8		5/76	N PUGT SND TRB	

TABLE 120.--COASTAL WASHINGTON
MINOR WDF+ COOP PROJECTS- WASHINGTON DEPARTMENT OF FISH
RELEASE OF- PINK SALMON.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION	RELEASE LOCATION
1973		5,000	7.7	1.5		4/74	WILLAPA SYSTEM		

TABLE 121.--COASTAL WASHINGTON
ABERDEEN HATCHERY - WASHINGTON DEPARTMENT OF GAME
RELEASE OF- STEELHEAD TROUT.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1959		238,971	15,218.0	63.6		4/60	NCSTL WASH	
1960	176,280		145.1	0.8		10/60	WA CSTL LAKES	
1960		243,909	17,784.0	72.9		4/61	NCSTL WASH	
1961	170,658		142.9	0.8		10/61	WA CSTL LAKES	
1961		246,460	16,259.9	65.9		4/62	NCSTL WASH	
1962	161,000		140.6	0.8		10/62	WA CSTL LAKES	
1962		244,097	18,918.0	77.5		4/63	NCSTL WASH	
1963	185,000		154.2	0.8		10/63	WA CSTL LAKES	
1963		195,124	14,183.4	72.6		4/64	NCSTL WASH	
1964	137,800		113.4	0.8		10/64	WA CSTL LAKES	
1964		210,137	15,402.6	73.2		4/65	NCSTL WASH	
1965	147,000		140.5	0.9		10/65	WA CSTL LAKES	
1965		247,271	17,666.1	71.4		4/66	NCSTL WASH	
1966	67,000		90.7	1.3		10/66	WA CSTL LAKES	
1966		252,326	19,174.3	75.9		4/67	NCSTL WASH	
1967	13,280		74.8	5.6		10/67	WA CSTL LAKES	
1967		215,160	11,782.1	54.7		4- 6/68	NCSTL WASH	
1967		21,840	1,651.1	75.5		4/68	NCSTL WASH	
1968	23,052		92.5	4.0		8/68	WA CSTL LAKES	
1968		241,453	14,367.5	59.5		4/69	NCSTL WASH	
1969	3,403		18.6	5.4		9/69	WA CSTL LAKES	
1969		253,078	17,937.3	70.8		4/70	NCSTL WASH	
1970	111,993		1,094.1	9.7	9.8- 15.6	4/71	WA CSTL LAKES	
1970		228,186	12,574.9	55.1		10/71	WA CSTL LAKES	
1971	188,890		1,546.7	14.2		4/72	NCSTL WASH	
1971		227,660	14,829.3	65.1		6/72	PUGT SNO LAKES	
1972	47,600		77.1	1.6		4- 5/73	NCSTL WASH	
1972		239,820	15,723.8	65.5	56.5- 75.5	4/74	WILLAPA SYSTEM	GRAYS HBR TRIB
1973		85,127	6,622.4	77.7		4/74	NEMAH R	WILLAPA SYSTEM
1973		37,042	2,812.3	75.9		4/74	DUNGENESS R	ELMHA R
1973		40,105	2,349.6	58.5		5-11/74	PUGT SNO LAKES	GRAYS HBR TRIB
1974	32,548		72.6	2.2	1.8- 14.6	9/74	GRAYS HBR TRIB	
1974	14,790		115.7	7.8		4/75	BOGACHIEL R	
1974		20,140	1,723.7	85.5		4/75	GRAYS HBR TRIB	HUMTULIPS R
1974		46,020	3,651.4	79.3		4- 5/75	CHEHALIS R	WYNOOCHEE R
1974		41,569	3,195.6	76.8		4- 5/75	S PUGET SOUND	
1974		15,300	1,156.7	75.6		4- 5/75	DUNGENESS R	ELMHA R
1974		40,611	2,424.5	59.7		4/76	BOGACHIEL R	
1975		20,150	1,584.9	77.6		5/76	HUMTULIPS R	
1975		90,998	7,928.8	87.1		4/76	NEMAH R	
1975		15,000	1,261.0	84.0		4/76	DUNGENESS R	
1975		39,356	2,893.9	73.5				

TABLE 122.--COASTAL WASHINGTON
ABERDEEN HATCHERY - WASHINGTON DEPARTMENT OF GAME
RELEASE OF- SEARUN CUTTHROA TROUT

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION	RELEASE LOCATION
1959-66	0	0	0						
1967		22,299	1,754.5	78.6		5/68	NCSTL WASH		
1968		46,913	4,334.1	92.3		4- 5/69	NCSTL WASH		
1969		24,396	1,875.6	76.8		4/70	NCSTL WASH		
1970-72	0	0	0						
1973		47,676	3,923.6	82.2		4- 5/74	HOOD CANAL TRB	SCSTL WASH	
1974		15,536	1,401.6	90.2		5/75	GRAYS HBR TRB		
1974		28,415	2,683.8	94.4		5/75	HOOD CANAL TRB	SKOKOMISH R	
1975		5,040	508.0	100.7		5/76	GRAYS HBR TRB		
1975		11,745	1,183.9	180.8		6/76	WILLAPA SYSTEM		
1975		28,082	4,125.0	146.0		6/76	HOOD CANAL TRB	SKYKOMISH R	

TABLE 123.--COASTAL WASHINGTON
ARLINGTON HATCHERY - WASHINGTON DEPARTMENT OF GAME
RELEASE OF- STEELHEAD TROUT.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1959 W		34,956	2,841.3	81.2		4/60	N PUGT SND TRB	
1960 W	82,216		150.1	1.8		10/60	N PUGT SND TRB	
1960 W		33,790	2,243.8	66.3		4/61	N PUGT SND TRB	
1961 W	275,000		149.7	0.5		10/61	N PUGT SND TRB	
1961 W		48,940	3,492.7	85.3		4/62	N PUGT SND TRB	
1962 W	120,490		612.3	5.0		10/62	N PUGT SND TRB	
1962 W		43,840	3,538.8	80.7		4/63	N PUGT SND TRB	
1963 W		36,400	1,746.3	47.9		4/64	N PUGT SND TRB	
1964-67		0	0					
1968 W	31,360		50.8	1.6		7/68	STLLAGUANISH R	
1969	0		0					
1970 S		57,360	3,945.8	68.7		4/71	N PUGT SND TRB	
1971	0		0					
1972 W		53,722	4,171.7	77.6		4/73	N PUGT SND TRB	
1973 W		72,201	5,671.7	78.5		4/74	PILCHUCK R	SULTAN R
1974	0		0					
1975 W		48,259	2,383.6	59.2		5/76	SAMISH R	
1975 W		8,721	521.6	59.8		5/76	PILCHUCK R	

TABLE 124.--COASTAL WASHINGTON
ARLINGTON HATCHERY - WASHINGTON DEPARTMENT OF GAME
RELEASE OF- SEARUN CUTTHROA TROUT

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1959-65	0	0	0			8/67	STILLAGUAMISH R	
1966	0	2,914	124.7	42.7				
1967	0	0	0			6/69	N PUGT SND TRB	
1968		14,788	1,261.8	85.7				

TABLE 125.--COASTAL WASHINGTON
BELLINGHAM HATCHERY - WASHINGTON DEPARTMENT OF GAME
RELEASE OF- STEELHEAD TROUT.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1959		69,197	3,880.9	56.0		4/60	N PUGT SNO TRB	
1960		49,089	2,654.0	54.1		4/61	N PUGT SNO TRB	
1961		58,518	2,357.8	40.2		4/62	N PUGT SNO TRB	
1962		18,084	683.1	37.7		4/63	N PUGT SNO TRB	
1963		42,112	3,495.8	83.0		4/64	N PUGT SNO TRB	
1964	58,000		403.7	8.0		10/64	N PUGT SNO TRB	
1964		33,313	2,069.3	62.1		4/65	N PUGT SNO TRB	
1965		53,267	5,188.4	95.9		4/66	N PUGT SNO TRB	
1966		27,620	2,825.3	73.3		4/67	N PUGT SNO TRB	
1967		43,257	2,936.1	67.8		5/68	N PUGT SNO TRB	
1968	61,940		598.7	9.6		9/68	N PUGT SNO TRB	
1968		55,440	4,191.2	75.5		4/69	N PUGT SNO TRB	
1969		51,152	4,300.1	84.0		4/70	N PUGT SNO TRB	
1970		68,642	5,311.6	87.5		4- 5/71	N PUGT SNO TRB	
1971	61,045		417.3	6.8		10/71	N PUGT SNO TRB	
1971		80,333	6,722.2	83.6	75.5- 90.7	4/72	N PUGT SNO TRB	
1972	25,000		113.4	4.5		8/72	N PUGT SNO TRB	
1972		87,227	7,527.4	86.2		4- 5/73	N PUGT SNO TRB	
1973		42,869	3,817.9	89.0		5/74	NOOKSACK R	
1974	20,000		172.4	8.6		8/74	SKAGIT R	
1975		37,601	2,878.5	76.5		4/76	SAMISH R	
1975		38,894	2,368.2	79.3		4/76	NOOKSACK R	

TABLE 126.--COASTAL WASHINGTON
BELLINGHAM HATCHERY - WASHINGTON DEPARTMENT OF GAME
RELEASE OF- SEARUN CUTTHROA TROUT

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1959-66	8	0	0			6/68	N PUGT SND TRB	
1967		14,788	997.9	67.4		4/69	N PUGT SND TRB	
1968		1,665	167.8	100.7				

TABLE 127.--COASTAL WASHINGTON
CHAMBERS CREEK HATCHERY - WASHINGTON DEPARTMENT OF GAME
RELEASE OF- STEELHEAD TROUT.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION	RELEASE LOCATION
1959-72	0	0	912.6	2.9	2.8- 3.0	6/73	PUGT SNO LAKES	PUGT SNO LAKES	
1973 W	313,120	28,110	2,097.9	104.3		4/74	NISQUALLY R		
1973 W		22,098	1,059.1	47.9		5/74	SNOHOMISH R	STLLAGUAMISH R	CHAMBERS CR
1973 S		38,075	1,397.1	46.4		5/74	SKYKOMISH R		
1973 S		18,775	1,217.9	64.8		5/75	SKOKOMISH R		
1974 W		16,030	1,038.7	64.7		5/75	NISQUALLY R		
1974 W		30,472	1,624.8	53.3		4/75	DOSEWALLIPS R	SKOKOMISH R	
1974 S		34,212	1,825.7	53.3		4/75	NISQUALLY R	S PUGET SOUND	
1975 W		36,820	1,982.2	55.0		4- 5/76	HOOD CANAL TRB		
1975 W		37,480	2,290.5	61.2		4- 5/76	DESCHUTES R	NISQUALLY R	CHAMBERS CR
1975 W		24,080	1,358.8	56.7		4- 5/76	SKYKOMISH R	SNOHOMISH R	

TABLE 128.--COASTAL WASHINGTON
PUYALLUP TROUT HATCHERY - WASHINGTON DEPARTMENT OF GAME
RELEASE OF- STEELHEAD TROUT.

MOOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1959		67,555	5,267.6	77.9		4/60	S PUGT SND TRB	
1960		57,237	4,267.4	74.5		4/61	S PUGT SND TRB	
1961		55,930	4,481.5	80.1	45.3-113.3	4/62	S PUGT SND TRB	
1962		63,010	5,118.8	81.2		4/63	S PUGT SND TRB	
1963		85,000	5,985.2	70.4		4/64	S PUGT SND TRB	
1964		75,129	6,155.2	81.9		4/65	S PUGT SND TRB	
1965		75,954	5,195.4	68.4		4/66	S PUGT SND TRB	
1966	75,000		441.8	5.8		10/66	PUGT SND LAKES	
1966		95,100	6,354.8	66.8		4/67	S PUGT SND TRB	
1967		59,399	3,773.9	63.5		4/68	S PUGT SND TRB	
1968	420,506		1,700.1	4.0	1.5- 8.3	8-11/68	PUYALLUP R	NISQUALLY R
1968		101,909	6,763.1	66.3		4/69	S PUGT SND TRB	
1969	17,000		90.7	5.3		9/69	PUGT SND LAKES	
1969		108,933	7,416.2	68.0		4/70	S PUGT SND TRB	
1970	66,600		180.5	2.7	2.4- 2.8	9-12/70	DESCHUTES R	PUYALLUP R
1970		122,410	7,384.5	60.3		4/71	S PUGT SND TRB	
1971		182,631	8,259.9	80.4	64.7-113.3	4/72	S PUGT SND TRB	
1971		69,011	5,216.3	75.5	64.7- 98.7	4- 5/72	S PUGT SND TRB	
1972		114,143	9,044.6	79.2		4/73	S PUGT SND TRB	
1973		93,635	7,915.2	84.3		4/74	PUYALLUP R	WYNOOCHEE R
1974	7,000		56.7	8.1		8/74	PUGT SND LAKES	
1974		94,865	7,357.3	77.5		4/75	PUYALLUP R	S PUGT SOUND
1975		18,528	1,333.6	71.9		5/76	ISSAQUAH	SKYKOMISH R
1975		96,821	7,970.7	82.4		4- 5/76	PUYALLUP R	
1975		18,592	1,338.1	71.9		5/76	DESCHUTES R	
1975		30,250	2,639.9	87.2		4/76	WILLAPA SYSTEM	

TABLE 129.--COASTAL WASHINGTON
SEWARD PARK HATCHERY - WASHINGTON DEPARTMENT OF GAME
RELEASE OF- STEELHEAD TROUT.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION	RELEASE LOCATION
1959	W		13,320	928.5	63.7	4/60	S PUGT SND TRB		
1960		0	0						
1961	W		108,168	6,412.8	59.2	4/62	S PUGT SND TRB		
1962	W		139,854	7,542.3	57.6	4/63	S PUGT SND TRB		
1963	W		32,914	2,195.8	66.7	4/64	S PUGT SND TRB		
1964	W		132,591	9,018.3	68.0	4/65	S PUGT SND TRB		
1965	W		47,580	2,585.6	52.6	4/66	S PUGT SND TRB		
1966	W		28,883	1,345.8	48.0	4/67	S PUGT SND TRB		
1966	W		8,883	376.5	47.0	7/67	S PUGT SND TRB		
1967		0	0						
1968	W	57,620	8	60.8	1.0	6/68	PUGT SND LAKES		
1968	W		72,830	4,512.3	61.9	5/69	S PUGT SND TRB		
1969		0	0						
1970	W		26,795	1,959.3	73.1	4/71	SNOHOMISH R	SAMMAMISH R	
1971	W		15,866	1,673.8	105.4	5/72	SNOHOMISH R	SAMMAMISH R	
1972	W		42,899	4,672.9	108.9	4- 5/73	L WASHINGTON	SNOHOMISH R	
1973	W		31,897	2,768.1	86.5	4/74	SAMMAMISH R		SAMMAMISH R
1974	W		19,375	1,723.7	88.9	5/75	SNOHOMISH R		
1975	W		53,782	3,998.4	74.4	5/76	GREEN R		

TABLE 130.--COASTAL WASHINGTON
SHELTON HATCHERY - WASHINGTON DEPARTMENT OF GAME
RELEASE OF- STEELHEAD TROUT.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1959		57,062	3,687.1	63.2		4/60	HOOD CANAL TRB	
1960	48,976		77.1	1.5		10/60	CHEHALIS R	HOOD CANAL
1960		46,383	3,236.8	69.7		4/61	HOOD CANAL TRB	
1961	68,268		95.3	1.3		10/61	CHEHALIS R	HOOD CANAL
1961		60,180	4,284.8	69.8		4/62	HOOD CANAL TRB	
1962	165,645		147.4	0.8		10/62	CHEHALIS R	HOOD CANAL
1962		61,508	4,159.8	67.7		4/63	HOOD CANAL TRB	
1963	119,662		133.8	1.1		10/63	CHEHALIS R	HOOD CANAL
1963		56,780	3,744.9	66.0		4/64	HOOD CANAL TRB	
1964	127,441		148.6	1.1		10/64	CHEHALIS R	HOOD CANAL
1964		39,180	2,193.1	56.8		4/65	HOOD CANAL TRB	
1965	95,542		127.8	1.3		10/65	CHEHALIS R	HOOD CANAL
1965		43,000	2,833.6	65.8		4/66	HOOD CANAL TRB	
1966		5,882	410.5	69.7		4/67	HOOD CANAL TRB	
1967-72	0	0	0					
1973		60,975	4,824.0	79.1		4/74	B QUILICENE R	DOSEWALLIPS R
1973		54,670	4,410.7	80.6		4/74	HOOD CANAL TRB	DUCKABUSH R
1973		28,871	2,269.3	78.6		4/74	NISQUALLY R	S PUGET SOUND
1973		30,884	2,387.7	79.5		4/74	HILLAPA SYSTEM	
1974		17,799	1,479.2	83.1		4/75	GRAYS MBR TRB	
1974		60,054	5,629.1	93.7		4/75	DOSEWALLIPS R	DUCKABUSH R
1974		65,275	5,664.5	86.7		4/75	NEHAH R	WILLAPA SYSTEM
1974		24,868	2,286.1	91.9		4/75	S PUGET SOUND	
1975		36,939	3,590.2	97.1		4- 5/76	BOGACHIEL R	SOLEDUCK R
1975		70,371	8,218.2	116.7		4- 5/76	DOSEWALLIPS R	SKOKOMISH R
1975		25,169	2,334.6	92.7		4- 5/76	HOOD CANAL TRB	
1975		55,810	5,361.5	96.0		4- 5/76	HILLAPA SYSTEM	

TABLE 131.--COASTAL WASHINGTON
SHELTON HATCHERY
RELEASE OF- SEARUN CUTTHROA TROUT

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION	RELEASE LOCATION
1959-69	0	0	0						
1970		187,961	17,125.4	91.1		5/71	HOOD CANAL TRB	SCSTL WASH	
1971		101,267	10,953.3	108.2		5/72	HOOD CANAL TRB	SCSTL WASH	
1972		75,470	6,954.9	92.1		4- 5/73	HOOD CANAL TRB	SCSTL WASH	

TABLE 132.--COASTAL WASHINGTON
SOUTH TACOMA HATCHERY - WASHINGTON DEPARTMENT OF GAME
RELEASE OF- STEELHEAD TROUT.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1959	73,740	536,680	2,003.0	28.2	22.5- 34.8	3- 6/60	SKAGIT R	SAMMAMISH R
1959			31,244.8	50.2		4/60	S PUGT SNO TRB	
1960	399,480		593.8	1.4	0.5- 2.5	4- 7/60	SKAGIT R	PUGT SNO LAKES SULTAN R
1960		386,072	23,944.7	78.2		4/61	S PUGT SNO TRB	
1960		20,488	771.1	37.7		5/61	SKYKOMISH R	
1961	27,488		34.8	1.2	0.9- 1.9	6- 7/61	NISQUALLY R	JUAN DE FUCA
1961		38,120	1,234.7	32.3		4/62	ELMHA R	S PUGT SNO TRB
1961		353,958	21,708.5	61.3		4/62	STILLAGUAMISH R	
1961	13,110		258.5	19.7		4/62	SKAGIT R	
1962	282,825		566.1	2.0	1.0- 2.8	6- 7/62	S PUGT SNO TRB	
1962		430,829	17,638.4	40.9		4/63	S PUGT SNO TRB	
1962		163,480	7,847.1	48.0		4/63	SKAGIT R	PUGT SNO LAKES
1963	91,284		363.3	3.9	3.5- 5.3	6- 9/63	SKAGIT R	SKAGIT R
1963		423,884	26,087.9	61.6		4/64	S PUGT SNO TRB	
1963	20,230		131.5	6.5	5.5- 7.3	10-12/63	S PUGT SNO TRB	PUGT SNO LAKES
1963		56,660	1,864.3	32.9		4/64	S PUGT SNO TRB	
1964	27,792		210.5	7.5	4.4- 8.5	6/64	PUGT SNO LAKES	JUAN DE FUCA
1964		300,150	20,461.6	68.1		4/65	S PUGT SNO TRB	
1964		83,158	4,717.4	56.7		4/65	S PUGT SNO TRB	
1965	93,240		303.5	3.2	2.2- 6.8	6/65	PUYALLUP R	PUGT SNO LAKES
1965		394,534	22,577.6	57.2		4/66	S PUGT SNO TRB	
1965		52,353	2,687.5	51.3		4/66	S PUGT SNO TRB	
1966		276,705	22,230.6	80.3		4/67	S PUGT SNO TRB	
1966		31,885	1,723.7	54.8		4/67	S PUGT SNO TRB	
1967		181,151	12,916.0	71.2		4- 5/68	S PUGT SNO TRB	
1967		117,893	5,896.2	50.0		4- 5/68	S PUGT SNO TRB	
1967		1,680	54.4	32.3		5/68	NISQUALLY R	
1968	5,700		68.3	11.9		10/68	PUGT SNO LAKES	
1968		295,974	21,902.6	74.0		4- 5/69	S PUGT SNO TRB	
1968			59.0	7.2	7.3- 7.4	4- 5/69	PUGT SNO LAKES	
1968		62,076	4,175.3	67.2		4- 5/69	S PUGT SNO TRB	
1969		89,663	10,558.3	117.7		4- 5/70	S PUGT SNO TRB	
1969		226,641	12,251.5	54.0		4- 5/70	S PUGT SNO TRB	
1970		198,734	15,314.6	77.0	64.7- 90.7	4- 5/71	S PUGT SNO TRB	
1970		33,190	1,886.9	56.8	50.3- 64.7	4- 5/71	S PUGT SNO TRB	
1971		216,115	22,092.2	102.2	90.7-113.3	4- 5/72	S PUGT SNO TRB	
1971		28,329	2,236.2	78.9		4- 5/72	S PUGT SNO TRB	
1972	26,295		251.7	9.5		1/73	S PUGT SNO TRB	
1972		94,511	9,684.8	101.6	56.5-151.1	4- 5/73	ELMHA R	S PUGT SNO TRB
1972		104,880	5,980.6	57.4	45.3- 64.7	4- 5/73	CHEHALIS R	PUYALLUP R
1973		59,139	5,799.2	98.0		4- 5/74	CHAMBERS CR	DESCHUTES R
1973		57,355	5,200.4	90.6		4- 5/74	NISQUALLY R	SKOKOMISH R
1973		75,885	4,394.4	57.9		4- 5/74	SKYKOMISH R	STILLAGUAMISH R
1973		54,688	2,832.7	51.8		6-12/74	COL R WASH	
1974	105,570		156.5	1.4	0.4- 7.4	4/75	CHEHALIS R	
1974			142.9	21.9		5/75	COL R WASH	
1974	6,580		1,270.1	50.4				
1974		25,288						

TABLE 132.--CONTINUED.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION	RELEASE LOCATION
1974	W					4- 5/75	CHAMBERS CR		
1974	S	36,808	2,835.8	77.0		5/75	ELWA R		
1974	S	10,125	612.3	60.4		4- 5/75	DOSEWALLIPS R	SKOKONISH R	GREEN R
1974	S	39,610	2,261.2	57.0		4- 5/75	SKYKONISH R	SKOKONISH R	
1974	S	45,362	2,719.3	59.9		4/75	NISQUALLY R		
1974	S	10,000	453.6	45.3		5/75	SKAGIT R		
1974	S	26,775	1,394.8	52.0		5/75	CHEHALIS R		
1974	S	9,900	499.0	50.4		5/75	STILLAGUAMISH R		
1974	W	5,080	283.5	56.7		4- 5/76	CHAMBERS CR	GREEN R	
1975	W	91,860	6,084.9	66.2		5/76	CHEHALIS R		
1975	H	22,557	1,016.8	45.0		5/76	DUCKABUSH R		
1975	S	20,225	1,499.1	74.1		4- 5/76	SKOKONISH R		
1975	S	22,815	1,496.9	65.6		4- 5/76	SKAGIT R		
1975	S	15,369	1,351.7	87.9					

TABLE 134.--COASTAL WASHINGTON
BARNABY POND
RELEASE OF- STEELHEAD TROUT.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1959-60	-	-	-	-	-	-	-	-
1961. W		114,050	7,586.5	65.8		4/62	SKAGIT R	
1962. W		74,781	5,470.8	73.1		4/63	SKAGIT R	
1963. W		190,756	13,175.8	69.0		4/64	SKAGIT R	
1964. W		164,392	9,681.0	58.8		4/65	SKAGIT R	
1965. W		219,267	17,448.8	79.5		4/66	SKAGIT R	
1966. W		181,132	13,469.0	74.3		4/67	SKAGIT R	
1967. W		258,237	19,773.5	76.5	75.5- 90.7	4- 6/68	SKAGIT R	
1968. W		345,040	23,814.1	69.0	64.7- 75.5	4- 6/69	SKAGIT R	
1969. W		308,126	21,539.3	69.9		4- 5/70	SKAGIT R	
1970. W		228,885	17,276.8	78.4		4/71	SKAGIT R	
1971. W		125,080	13,037.6	104.3	90.7-113.3	4- 5/72	SKAGIT R	
1972. W		214,713	17,213.8	80.1		4- 5/73	SKAGIT R	
1973. W		121,975	9,137.6	74.9		4- 5/74	SKAGIT R	
1974. W		94,858	6,441.8	67.9		4- 5/75	SKAGIT R	
1974. W		20,028	1,558.1	77.7		4/75	NOOKSACK R	
1974. S		50,413	2,131.9	42.2		4- 5/75	SKAGIT R	
1975. W		179,703	12,074.6	67.1		4- 5/76	SKAGIT R	
1975. S		36,478	1,351.7	37.0		4- 5/76	SKAGIT R	

-- INDICATES HATCHERY NOT IN OPERATION

TABLE 135.--COASTAL WASHINGTON
BLUE SLOUGH POND - WASHINGTON DEPARTMENT OF GAME
RELEASE OF- STEELHEAD TROUT.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1959-60	8	0	0					
1961		21,645	1,518.5	69.7		4/62	STLLAGUAMISH R	
1962	-	-	-					

-- INDICATES HATCHERY NOT IN OPERATION

TABLE 136.--COASTAL WASHINGTON
BOGACHIEL POND
- WASHINGTON DEPARTMENT OF GAME
RELEASE OF- STEELHEAD TROUT.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION	RELEASE LOCATION
1959-66	-	-	-	-	-	-	-	-	-
1967	W	128,784	8,768.4	68.0	64.7- 75.5	4/68	NCSTL WASH		
1968	W	289,745	19,208.6	66.2		4- 5/69	NCSTL WASH		
1969	W	255,905	20,861.8	78.3		4- 5/70	HOOD CANAL TRB	NCSTL WASH	
1970	W	216,458	13,290.7	61.4		3- 5/71	HOOD CANAL TRB	NCSTL WASH	
1971	W	213,258	13,768.8	64.5	56.5- 64.7	4- 5/72	HOOD CANAL TRB	NCSTL WASH	
1972	W	238,500	21,885.9	88.0	75.5- 90.7	4- 5/73	HOOD CANAL TRB	NCSTL WASH	
1973	W	90,353	7,418.5	82.1		4/74	BOGACHIEL R	HOH R	
1973	W	136,414	11,317.1	82.9		4/74	DUNGENESS R	ELWHA R	JUAN DE FUCA
1974	W	107,363	9,666.1	90.8		4/75	BOGACHIEL R	NCSTL WASH	HOH R
1974	W	90,155	8,876.2	89.5		4/75	DUNGENESS R	ELWHA R	JUAN DE FUCA
1974	W	19,994	1,744.1	87.2		4/75	SEQUIM BAY		
1974	W	10,550	938.9	88.9		4/75	B QUILLICENE R		
1975	W	65,362	5,718.7	87.3		4/76	SOLEDUCK R		
1975	W	95,862	8,362.8	87.2		4/76	JUAN DE FUCA		
1975	W	20,020	1,746.3	87.2		4/76	HUMPTULIPS R	DUNGENESS R	ELWHA R

-- INDICATES HATCHERY NOT IN OPERATION

TABLE 137.--COASTAL WASHINGTON
GREEN RIVER POND
- WASHINGTON DEPARTMENT OF GAME
RELEASE OF- STEELHEAD TROUT.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION	RELEASE LOCATION
1959-67	-	-	-	-	-	-	-	-	-
1968	M	154,985	9,676.5	62.4		4- 5/69	S PUGT SND TRB		
1969	M	223,183	12,868.0	57.6		4/70	S PUGT SND TRB		
1970	M	153,510	10,414.8	67.8		3/71	S PUGT SND TRB		
1970	S	49,489	4,150.4	84.0		4/71	S PUGT SND TRB		
1971	M	147,286	12,926.0	87.7		4/72	S PUGT SND TRB		
1971	S	46,352	3,613.3	77.9	75.5- 90.7	4/72	S PUGT SND TRB		
1972	M	153,481	13,734.3	89.4		4/73	S PUGT SND TRB		
1972	S	59,261	4,967.7	83.8		4/74	GREEN R		
1973	M	75,858	7,647.6	101.8		4/74	L WASHINGTON	SAMMAMISH R	SNOWHOMISH R
1973	M	75,852	7,607.2	101.3		4/74	GREEN R		
1973	S	58,328	4,561.3	78.2		4/75	L WASHINGTON	SAMMAMISH R	GREEN R
1974	M	150,142	13,603.2	90.6		4- 5/75	GREEN R		
1974	S	58,650	3,912.2	66.7		4/76	CEDAR R	GREEN R	SAMMAMISH R
1975	M	146,636	13,652.2	93.1		4/76	GREEN R		
1975	S	63,840	4,826.2	75.5		4/76	GREEN R		

-- INDICATES HATCHERY NOT IN OPERATION

TABLE 138.--COASTAL WASHINGTON
HARRISON POND - WASHINGTON DEPARTMENT OF GAME
RELEASE OF- STEELHEAD TROUT.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1959-69	-	-	-	-	-	-	-	-
1970 S		132,726	9,554.9	71.9		4/71	SKAGIT R	
1971 S		152,311	12,416.6	81.5	64.7- 75.5	4- 5/72	SKAGIT R	
1972 S		117,195	7,924.7	67.6		4- 5/73	SKAGIT R	
1973 S		108,008	4,748.9	47.3		4- 5/74	SKAGIT R	

-- INDICATES HATCHERY NOT IN OPERATION

TABLE 139.--COASTAL WASHINGTON
MAYR BROS POND - WASHINGTON DEPARTMENT OF GAME
RELEASE OF- STEELHEAD TROUT.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION	RELEASE LOCATION
1960-73	-	-	-	-	-	-	-	-	-
1974 W		109,039	9,309.1	85.3		4- 5/75	CHEHALIS R	SATSOP R	HYNDOOCHEE R
1975 W		15,028	1,310.9	87.2		4/76	WILLAPA SYSTEM		
1975 W		134,438	10,351.8	76.9		4- 5/76	CHEHALIS R		

--" INDICATES HATCHERY NOT IN OPERATION

TABLE 140.--COASTAL WASHINGTON
SALT CREEK POND - WASHINGTON DEPARTMENT OF GAME
RELEASE OF- STEELHEAD TROUT.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION	RELEASE LOCATION
1959-63	0	0	0						
1964		11,464	570.2	49.7		4/65	JUAN DE FUCA		
1965		12,488	788.1	56.7		4/66	JUAN DE FUCA		
1966		4,778	237.7	49.8		4/67	JUAN DE FUCA		
1967		14,257	718.5	50.3		4/68	JUAN DE FUCA		
1968		13,899	794.2	60.6		4/69	JUAN DE FUCA		
1969-72	-	-	-						

-- INDICATES HATCHERY NOT IN OPERATION

TABLE 141.--COASTAL WASHINGTON
SKYKOMISH PONDS - WASHINGTON DEPARTMENT OF GAME
RELEASE OF- STEELHEAD TROUT.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1960-73	-	-	-	-	-	-	-	-
1974 W	-	40,013	3,473.6	86.0	-	4- 5/75	SAWISH R	-
1974 W	-	90,692	8,814.2	89.3	-	4- 5/75	SKYKOMISH R	SNOHOMISH R
1974 S	-	147,923	9,597.1	64.8	-	4- 5/75	SKYKOMISH R	SNOHOMISH R
1975 W	-	104,994	14,249.6	77.0	-	4- 5/76	SNOHOMISH R	-
1975 S	-	125,052	7,252.5	57.9	-	4- 5/76	SNOHOMISH R	-

W- INDICATES HATCHERY NOT IN OPERATION

TABLE 142.--COASTAL WASHINGTON
WHITEHORSE POND
RELEASE OF- STEELHEAD TROUT.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1959-61	-	-	-	-	-	-	-	-
1962	M	73,503	4,926.8	67.0		4/63	S PUGET SOUND	
1962	S	43,106	1,863.4	43.2		4/63	S PUGET SOUND	
1963	M	48,236	2,651.7	54.9		4/64	S PUGET SOUND	
1963	S	64,884	4,815.2	61.8		4/64	S PUGET SOUND	
1964	M	123,445	8,749.3	70.8		4/65	S PUGET SOUND	
1964	S	49,149	1,544.8	31.4		4/65	S PUGET SOUND	
1965	M	141,417	9,246.5	65.3		4/66	S PUGET SOUND	
1965	S	44,570	3,054.9	68.5		4/66	S PUGET SOUND	
1966	M	158,980	8,595.6	54.0		4/67	S PUGET SOUND	
1966	S	39,455	2,854.8	52.0		4/67	S PUGET SOUND	
1967	M	140,370	9,028.8	64.3		4- 5/68	S PUGET SOUND	
1967	S	61,468	3,688.3	58.7		4- 5/68	S PUGET SOUND	
1968	M	127,243	7,194.9	56.5		4/69	S PUGET SOUND	
1968	S	62,758	3,856.4	61.4		4/69	S PUGET SOUND	
1969	M	151,148	10,541.8	69.7		4- 5/70	S PUGET SOUND	
1969	S	98,754	4,553.2	46.1		4- 5/70	S PUGET SOUND	
1969	S	40,509	4,931.5	121.7		4- 5/71	S PUGET SOUND	
1970	M	159,524	8,258.6	51.7		4- 5/71	S PUGET SOUND	
1970	S	28,386	2,806.7	70.6		4/71	S PUGET SOUND	
1971	M	145,330	10,178.9	69.9	54.7- 75.5	4- 5/72	S PUGET SOUND	
1971	S	55,110	3,198.7	58.0	56.5- 64.7	4- 5/72	S PUGET SOUND	
1972	M	152,690	12,809.4	83.8	54.7- 90.7	4- 5/73	S PUGET SOUND	
1972	S	89,340	6,065.9	67.8	56.6- 75.5	5/73	S PUGET SOUND	
1973	M	107,367	8,769.8	81.6		4/74	SKAGIT R	STILLAGUAMISH R
1973	S	106,706	5,651.3	52.9		4- 5/74	STILLAGUAMISH R	
1974	M	22,635	1,882.0	83.1		4/75	SKAGIT R	
1974	M	98,808	8,439.5	85.4		4/75	STILLAGUAMISH R	
1974	S	60,368	4,714.2	78.0		4- 5/75	STILLAGUAMISH R	
1975	M	49,997	3,790.7	75.8		4/76	SKAGIT R	
1975	M	20,055	1,476.4	73.6		4/76	PILCHUCK R	
1975	M	99,363	7,101.0	71.4		4/76	STILLAGUAMISH R	
1975	S	73,372	5,753.8	78.4		4/76	STILLAGUAMISH R	

-- INDICATES HATCHERY NOT IN OPERATION

TABLE 143.--COASTAL WASHINGTON
WHITEHORSE POND
RELEASE OF- SEARUN CUTTHROA TROUT

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1959-61	-	-	-	-	-	-	-	-
1962-63	0	0	0	0	0	0	0	0
1964		24,033	682.7	28.4	56.5- 75.5	4- 5/65	SILLAGUAMISH R	
1965		77,488	5,478.9	70.7	50.3- 56.6	4/66	SILLAGUAMISH R	
1966		71,812	3,698.4	51.3	34.8- 45.3	4/67	SILLAGUAMISH R	
1967		57,650	2,272.8	39.4		4/68	SILLAGUAMISH R	

--" INDICATES HATCHERY NOT IN OPERATION

TABLE 144.--COLUMBIA BASIN-- WASHINGTON
ABERNATHY HATCHERY - US FISH AND WILDLIFE SERVICE
RELEASE OF- FALL CHINOOK SALMON.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1959		1,070,288	2,837.7	2.6		7/60	ABERNATHY CR	
1960		582,817	7,713.8	13.2	1.8- 19.7	6-10/61	ABERNATHY CR	
1961		678,506	2,548.3	3.7		5/62	ABERNATHY CR	
1961		399,013	9,463.3	23.7		9/62	ABERNATHY CR	
1962		1,421,900	4,657.8	3.2	2.1- 4.3	4- 5/63	ABERNATHY CR	
1962		384,264	10,522.4	27.3	26.5- 37.7	8- 9/63	ABERNATHY CR	
1963		638,685	4,771.3	7.5		5/64	ABERNATHY CR	
1963		205,690	7,159.5	34.8		8/64	ABERNATHY CR	
1964		506,500	2,659.4	5.2	4.8- 8.2	5/65	ABERNATHY CR	
1964		212,728	3,534.8	16.6		8/65	ABERNATHY CR	
1965		150,000	787.6	4.7		5/66	HILLANETTE R O	
1965		873,951	8,445.8	9.6	6.3- 21.5	5- 7/66	ABERNATHY CR	
1966		990,058	8,678.8	8.7	4.7- 18.1	3- 6/67	ABERNATHY CR	
1967		1,007,635	9,838.9	9.7	5.6- 25.1	3- 7/68	ABERNATHY CR	
1968		639,751	7,549.1	11.8	8.7- 21.5	3- 5/69	ABERNATHY CR	
1969		1,064,187	12,557.7	11.8	9.3- 21.5	3- 6/70	ABERNATHY CR	
1970		758,046	9,788.5	13.0	4.1- 23.8	3- 6/71	ABERNATHY CR	
1971		1,097,179	10,827.7	9.8	5.4- 25.6	3- 5/72	ABERNATHY CR	
1972		838,940	8,971.1	10.6	5.3- 25.1	5- 6/73	ABERNATHY CR	
1973		937,353	10,963.3	11.6	3.1- 11.9	3- 5/74	ABERNATHY CR	
1974		1,209,877	18,895.7	9.0	8.3- 22.6	4- 6/75	ABERNATHY CR	
1975		857,974	4,970.8	5.7	5.2- 9.2	6/76	ABERNATHY CR	
1975		309,781	4,673.4	15.0	14.6- 41.2	4- 6/76	ABERNATHY CR	

TABLE 145.--COLUMBIA BASIN-- WASHINGTON
 ABERNATHY HATCHERY - US FISH AND WILDLIFE SERVICE
 RELEASE OF- SPRING CHINOOK SALMON.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1960-73 1974	0	94,428	1,523.2	16.1	0	6/76	ABERNATHY CR	

TABLE 146.--COLUMBIA BASIN- WASHINGTON
ABERNATHY HATCHERY - US FISH AND WILDLIFE SERVICE
RELEASE OF- COHO SALMON.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1958-71	0	0	0			7/73	ABERNATHY CR	
1972		3,823	127.9	42.3		8-12/73	ABERNATHY CR	
1972	24,899		296.2	11.8	11.3- 13.7	1- 3/74	ABERNATHY CR	
1972		11,978	399.6	33.3	28.3- 41.2			

TABLE 147.--COLUMBIA BASIN- WASHINGTON
 ABERNATHY HATCHERY - US FISH AND WILDLIFE SERVICE
 RELEASE OF- STEELHEAD TROUT.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1958-72	0	0	0					
1973 W	5,586		107.0	19.1		11/73	ABERNATHY CR	
1974	0	0	0					
1975 W	95,669		2,283.8	23.8		11/75	WILLAMETTE R	0

TABLE 148.--COLUMBIA BASIN-- WASHINGTON
CARSON HATCHERY
RELEASE OF-- FALL CHINOOK SALMON.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1959		9,364,355	12,584.9	1.3		5/60	WIND R	
1959		9,631	29.8	3.0		8/60	WIND R	
1959		194,398	1,867.9	9.6		10/60	WIND R	
1960		1,860,489	5,342.4	2.8		6/61	WIND R	
1961-63	0	0	0					
1964	2,498,670	0	1,030.1	0.4		2/65	WIND R	
1965-74	0	0	0					
1975		668,692	1,458.3	2.1		5/76	WIND R	

TABLE 149.--COLUMBIA BASIN-- WASHINGTON
CARSON HATCHERY -- US FISH AND WILDLIFE SERVICE
RELEASE OF-- SPRING CHINOOK SALMON.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1958.		1,016,469	14,485.2	14.1		4/60	WIND R	
1959.		260,720	4,667.0	17.9		4/61	WIND R	
1960	75,313		30.8	0.4		2/61	DESCHUTES R 0	
1961		1,478,634	22,487.3	15.2		4/62	WIND R	
1962		1,264,969	18,143.7	14.3		4/63	WIND R	
1962		15,081	173.3	11.4	9.0- 15.6	1- 6/64	COL RIVER 3	
1962		3,036,897	42,464.4	13.9		4- 6/64	WIND R	
1963	16,976		7.3	0.4		2/64	WIND R	
1963		39,045	310.7	7.9		12/64	WIND R	
1963		1,153,521	14,014.2	12.1	11.3- 14.1	4- 6/65	WIND R	
1964	2,025		12.2	6.0		11/65	COL RIVER 3	
1964		1,909,466	18,119.7	9.4		4/66	WIND R	
1965	76,875		56.7	0.7		5/66	WIND R	
1965		2,411,552	34,183.2	14.1		4/67	WIND R	
1966		1,613,395	34,487.5	21.3		4/68	WIND R	
1967		1,534,530	32,672.3	21.2		4/69	WIND R	
1968		757,800	21,267.1	28.0		5/70	WIND R	
1969		1,177,710	28,603.1	24.2		4/71	WIND R	
1970	692,410		226.3	0.3		1/71	WIND R	
1970	424,660		356.1	0.8		3/71	WIND R	
1970		1,409,370	36,124.1	25.6		4/72	WIND R	
1971		1,548,600	35,059.2	23.2		4/73	WIND R	
1972		2,001,088	42,815.3	21.3		4/74	WIND R	
1973		1,999,512	43,300.8	21.6	13.7- 23.8	3- 4/75	WIND R	
1974		196,562	2,442.6	12.4		10/75	WIND R	
1974		2,291,411	50,477.1	22.0	19.7- 23.8	3- 4/76	WIND R	
1975		253,067	2,533.8	10.8		9/76	WIND R	

TABLE 150.--COLUMBIA BASIN- WASHINGTON
CARSON HATCHERY - US FISH AND WILDLIFE SERVICE
RELEASE OF- COHO SALMON.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1959		55,387	1,311.3	23.6		4/61	WIND R	
1959		927,932	20,105.0	21.6		4/61	COL RIVER 3	
1960	0	0	0					
1961		713,254	12,298.7	17.2		3/63	COL RIVER 3	
1961		524,535	9,367.1	17.8		4/63	WIND R	
1962	0	0	0					
1963		1,529,820	26,785.3	17.4	15.1- 18.1	2- 5/65	WIND R	
1963		181,200	3,287.6	18.1		4- 5/65	WRM SPRING R 0	
1963		68,800	1,248.3	18.1		4/65	COL RIVER 2	
1964	191,105		83.9	8.4		2/65	WIND R	
1965		1,636,799	26,913.8	16.4		3/67	WIND R	
1965			227.2	0.4		2- 3/67	DESCHUTES R 0	
1966	524,800		383.3	0.3		3/67	WIND R	
1966	1,868,840		690.8	8.8		4/68	WIND R	
1967	803,272		7,679.3	16.1		3/69	WIND R	
1967		476,520	3,946.3	19.7		3/69	UNITILLA R 0	
1967		208,848						

TABLE 151.--COLUMBIA BASIN-- WASHINGTON
CARSON HATCHERY
- US FISH AND WILDLIFE SERVICE
RELEASE OF-- STEELHEAD TROUT.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1959-60	0	0	0					
1961 S	652,954	0	6,796.6	10.4	10.0- 14.1	2- 6/62	HOOD R ORE	
1962-67	0	0	0					
1968 S	35,740	0	1,295.5	36.2		5/69	WIND R	
1968 S		23,710	1,474.5	62.1		4/70	WIND R	
1968 S		48,200	2,596.4	53.9		4- 5/70	WIND R	
1969 S	44,747		122.5	2.7		3/70	WIND R	

TABLE 152.--COLUMBIA BASIN- WASHINGTON
LEAVENWORTH COMPLEX - US FISH AND WILDLIFE SERVICE
RELEASE OF- SPRING CHINOOK SALMON.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1959	96,691		128.8	1.3		5/60	METHOW R	
1959	19,000		95.7	5.0		9/60	WENATCHEE R	
1959		152,202	2,865.8	18.8		10/60	ENTIAT R	
1960	18,000		25.4	1.4		5/61	YAKAMA R	
1960	10,000		15.9	1.5		5/61	WENATCHEE R	
1960		316,545	5,982.4	18.8		9/61	ENTIAT R	
1960		57,349	1,143.5	19.9		10/61	METHOW R	
1961	5,000		2.3	0.4		2/62	YAKAMA R	
1961	6,000		11.8	1.9		8/62	WENATCHEE R	
1961		34,808	475.4	13.6		10/62	METHOW R	
1961		229,828	4,054.7	17.6		10/62	ENTIAT R	
1962	5,000		2.3	0.4		12/62	YAKAMA R	
1962		230,063	2,675.7	11.6		9/63	ENTIAT R	
1963			3.6	0.4		3/64	SNAKE R	
1963	8,000		488.1	0.4		12/64	ENTIAT R	
1964	998,898		1,198.4	0.4		1/65	WENATCHEE R	
1964	2,854,000		114.8	1.6		5/65	WENATCHEE R	
1964	68,800		5,992.9	23.8		3/67	WENATCHEE R	
1965		251,000	1,905.1	22.1		3/68	WENATCHEE R	
1966		86,000	0					
1967-69	0							
1970		290,000	6,858.3	23.6		3/72	ICICLE R	
1971		584,426	13,614.1	23.2		4/73	ICICLE R	
1972		488,000	11,228.2	23.3	15.7- 23.8	4/74	ICICLE R	
1973		717,000	21,214.5	29.5		4/75	ICICLE R	
1974		271,139	12,985.9	47.8		3/76	METHOW R	
1974		436,634	15,743.3	36.0		3/76	ENTIAT R	
1974		1,370,470	42,084.8	30.7		3- 4/76	ICICLE R	
1974		149,840	4,399.8	29.3		5/76	COL RIVER 7	
1975	88,000		443.6	5.0		7/76	ICICLE R	
1975		25,275	562.7	26.2		9/76	COL RIVER 8	
1975		266,427	7,152.2	26.6		10/76	ENTIAT R	

TABLE 153.--COLUMBIA BASIN-- WASHINGTON
LEAVENWORTH COMPLEX
- US FISH AND WILDLIFE SERVICE
RELEASE OF-- SUMMER CHINOOK SALMON.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1960-73 1974	0	294,001	0,271.7	20.1	0	3/76	ENTIA T R	

TABLE 154.--COLUMBIA BASIN-- WASHINGTON
LEAVENWORTH COMPLEX -- US FISH AND WILDLIFE SERVICE
RELEASE OF-- COMO SALMON.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1959		638,039	10,470.3	16.4		9/60	METHOM R	
1960		327,653	3,998.9	12.2		9/62	METHOM R	
1961		1,448,447	15,084.7	10.4		9/63	METHOM R	
1962	456,000		1,751.3	3.8		8/63	ICICLE R	
1962		824,045	12,378.1	15.0		9/64	METHOM R	
1963	871,000		6,483.8	7.3		10/64	ICICLE R	
1963		106,425	1,696.4	15.9		3/65	ENTIAI R	
1963		1,386,901	14,784.4	11.3		9/65	METHOM R	
1964	449,400		123.4	0.2		2/65	METHOM R	
1964	769,800		8,583.5	11.0		9/65	ICICLE R	
1964		367,457	5,386.5	14.4		9/65	ENTIAI R	
1964		656,000	18,139.2	27.6		3/66	ICICLE R	
1965	1,734,000		1,114.0	0.6		3/66	ICICLE R	
1965	275,000		499.0	1.8		6/66	ENTIAI R	
1965	4,170,000		34,973.8	8.3		7- 9/66	WENATCHEE R	
1965	299,855		2,584.1	8.6		9/66	ENTIAI R	
1965		1,623,178	12,794.9	7.8		7-10/66	METHOM R	
1965		504,006	12,668.8	25.1		3/67	ICICLE R	
1965		708,000	20,036.1	28.2		4/67	SNAKE R	
1966	3,701,000		11,189.2	3.0		4/67	WENATCHEE R	
1966	382,176		208.2	0.5		3- 5/67	METHOM R	
1966		600,284	5,716.2	9.5		9/67	METHOM R	
1966		703,146	14,357.6	20.4		10/67	ENTIAI R	
1966		444,556	16,374.2	36.8		3/68	ICICLE R	
1966		780,000	17,458.3	24.9		4/68	SNAKE R	
1967	1,672,106		831.0	0.4		2/68	ENTIAI R	
1967	430,564		303.5	0.7		4/68	ENTIAI R	
1967	418,750		351.1	0.8		4- 6/68	METHOM R	
1967	4,397,000		4,848.7	1.1		7/68	WENATCHEE R	
1967		400,844	7,652.1	19.0		10/68	METHOM R	
1967		452,929	6,476.8	14.2		10/68	ENTIAI R	
1967		727,000	18,151.4	24.9		4/69	ICICLE R	
1967		102,000	2,618.6	25.6		5/69	SNAKE R	
1968	588,745		1,603.9	2.7		7/69	ENTIAI R	
1968	2,231,000		21,377.4	9.5		9/69	ICICLE R	
1968		113,778	1,696.9	14.9		10/69	METHOM R	
1968		908,000	24,387.8	26.8		4/70	ICICLE R	
1969	2,881,000		762.9	8.3		2/70	ICICLE R	
1969		1,457,000	41,707.8	28.6		3/71	ICICLE R	
1970	1,102,000		35,223.7	31.9		3/72	ICICLE R	
1971	233,000		337.9	1.4		5/72	ICICLE R	
1971	341,000		793.8	2.3		6/72	ICICLE R	
1971		734,000	18,431.7	25.1		4/73	ICICLE R	
1972		156,000	4,352.7	27.9		4/74	ICICLE R	
1972		645,000	13,894.4	21.5		4/74	SNAKE R	
1973		559,000	19,175.1	29.0		4/75	ICICLE R	

TABLE 155.--COLUMBIA BASIN- WASHINGTON
LEAVENWORTH COMPLEX - US FISH AND WILDLIFE SERVICE
RELEASE OF- SOCKEYE SALMON.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1959		2,382,000	27,126.2	11.3		10/60	L WENATCHEE	
1959		795,000	4,242.4	5.3		10/60	L WENATCHEE	
1960		2,326,000	30,242.4	13.0		9/61	L WENATCHEE	
1960		462,000	2,620.9	5.6		9/61	L WENATCHEE	
1961		2,021,000	17,943.2	8.8		10/62	L WENATCHEE	
1961		203,000	1,914.2	9.4		10/62	L WENATCHEE	
1962		3,121,000	30,747.2	9.8		10/63	L WENATCHEE	
1963		3,364,000	26,677.6	7.9		9/64	L WENATCHEE	
1963		475,000	7,968.3	16.7		4/65	SHAKE R	
1964		2,826,000	25,392.1	8.9		9/65	L WENATCHEE	
1965	17,000		10.9	0.6		6/66	ICICLE R	
1965		73,000	739.8	18.1		9/66	WENATCHEE R	
1966	0	0	0					
1967		1,400	38.1	27.2		5/69	ICICLE R	
1968		22,000	264.9	12.0		10/69	ICICLE R	
1969	0	0	0					

TABLE 156.--COLUMBIA BASIN-- WASHINGTON
LEAVENWORTH COMPLEX -- US FISH AND WILDLIFE SERVICE
RELEASE OF- STEELHEAD TROUT.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1959	S							
1960		0	1,007.9	113.7		10/60	METHOW R	
1961	S		0					
1962		0	547.5	66.5		4/62	METHOW R	
1963	S		0					
1964		0	2,936.1	42.8		4- 5/64	METHOW R	
1965	S	57,285	0			3- 5/66	METHOW R	
1966		0	1,336.3	23.3				
			0					

TABLE 157.--COLUMBIA BASIN-- WASHINGTON
L WHITE SALMON COMPLEX - US FISH AND WILDLIFE SERVICE
RELEASE OF- FALL CHINOOK SALMON.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1959	5,574,300		2,212.2	0.3		1- 2/60	COL RIVER 3	
1959		6,234,500	6,666.9	1.0		5/60	COL RIVER 3	
1959		8,852,132	12,092.3	1.3		5/60	L WHT SALMON R	
1959		61,400	528.9	0.6		11/60	COL RIVER 3	
1960	19,000		7.3	0.3		1/61	COL RIVER 3	
1960		4,298,702	13,612.8	3.1		6/61	COL RIVER 3	
1960		7,492,018	22,771.7	3.0		6/61	L WHT SALMON R	
1960		38,818	91.2	2.3		8/61	COL RIVER 3	
1961		12,077,844	30,355.8	2.5	2.3- 3.9	5- 5/62	COL RIVER 3	
1961		95,902	124.3	1.2		6/62	COL RIVER 3	
1961		4,260	16.3	3.8		10/62	COL RIVER 3	
1962		994,597	2,443.0	2.4		6/65	COL RIVER 3	
1962		11,588,485	23,155.9	1.9		5- 8/63	COL RIVER 3	
1963		11,915,503	27,054.1	2.2	2.1- 2.8	5- 6/65	L WHT SALMON R	
1964		8,365,579	21,433.6	2.5	2.2- 2.6	6/66	COL RIVER 3	
1965		8,617,630	27,747.6	3.2		2/67	HRM SPRING R 0	
1966	502,580		200.0	0.3		3/67	COL RIVER 3	
1966	2,117,000		1,018.3	0.4		6/67	COL RIVER 3	
1966		7,978,120	24,467.7	3.0		1/68	WIND R	
1967	659,300		309.3	0.4		2/68	COL RIVER 3	
1967	1,000,000		529.8	0.5		6/68	HILLAHETTE R 0	
1967		1,800,000	2,554.6	2.5		6/68	COL RIVER 3	
1967		7,791,384	28,257.4	3.6		6/69	HILLAHETTE R 0	
1968		1,077,430	4,567.7	4.2		6/69	COL RIVER 3	
1968		116,343	425.8	3.6		6/69	COL RIVER 3	
1968		7,351,343	29,020.4	3.9		6/69	L WHT SALMON R	
1969	728,340		300.3	0.4		2/70	L WHT SALMON R	
1969		1,814,440	8,751.6	4.8		6/70	COL RIVER 3	
1969		4,545,545	21,988.8	4.8		6/70	L WHT SALMON R	
1970		10,435,992	26,185.8	2.5		4/71	L WHT SALMON R	
1971	1,011,940		574.7	0.5		1/72	L WHT SALMON R	
1971		11,400,000	43,635.1	3.8	1.9- 3.9	5/72	L WHT SALMON R	
1972		13,171,329	48,919.5	3.7	3.5- 3.8	5/73	L WHT SALMON R	
1973		10,525,857	45,961.6	4.3	2.9- 5.6	6/74	L WHT SALMON R	
1974	770,045		349.7	0.4		5- 2/75	L WHT SALMON R	
1974		14,239,267	57,117.3	4.0		4- 5/75	L WHT SALMON R	
1975		15,547,382	71,703.4	4.6		4- 5/76	L WHT SALMON R	

TABLE 158.--COLUMBIA BASIN-- WASHINGTON
L WHITE SALMON COMPLEX - US FISH AND WILDLIFE SERVICE
RELEASE OF- SPRING CHINOOK SALMON.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION	RELEASE LOCATION
1958-63	0	0	0						
1964		165,000	3,622.4	21.9		4/66	L WHT SALMON R		
1964		172,000	2,518.3	14.6		4/66	Klickitat R		
1965	50,000		188.9	2.1		8/66	Klickitat R		
1965		92,000	811.9	8.8		4/67	Klickitat R		
1965		157,000	2,531.0	16.1		4/67	L WHT SALMON R		
1966	185,910		935.8	5.0		8/67	Klickitat R		
1966		156,030	2,022.1	12.9		4/68	L WHT SALMON R		
1967		265,143	3,841.5	14.4		4/69	L WHT SALMON R		
1968		456,700	9,416.1	20.6		4/70	L WHT SALMON R		
1969		696,883	16,160.1	23.1		4/71	L WHT SALMON R		
1970		576,322	13,229.5	22.9		1/72	L WHT SALMON R		
1971		575,932	17,602.6	30.5	25.1- 34.8	4/73	L WHT SALMON R		
1972		1,063,895	23,000.3	21.6		1/74	L WHT SALMON R		
1973		707,415	26,312.0	37.1		5/75	L WHT SALMON R		
1974		571,747	13,154.6	23.0		4/76	L WHT SALMON R		

TABLE 159.--COLUMBIA BASIN- WASHINGTON
L WHITE SALMON COMPLEX - US FISH AND WILDLIFE SERVICE
RELEASE OF- COHO SALMON.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1958		281,477	2,795.5	9.9		2/60	L WHT SALMON R	
1958		453,210	3,570.2	7.8		2/68	COL RIVER 3	
1959	250,039		2,856.6	7.9		11/68	L WHT SALMON R	
1959		241,324	2,999.6	12.4		2/61	L WHT SALMON R	
1959		1,664,748	31,879.4	19.1		3/61	COL RIVER 3	
1960	241,224		2,378.6	9.8		11/61	L WHT SALMON R	
1960		215,381	2,319.2	10.7		2/62	L WHT SALMON R	
1960		790,394	14,682.3	18.5		3/62	COL RIVER 3	
1961		2,290,559	19,088.5	8.3		2/63	L WHT SALMON R	
1961		1,866,898	30,264.6	16.2		4/63	COL RIVER 3	
1962	2,374,930		19,734.4	8.3	7.4- 10.0	1- 3/64	L WHT SALMON R	
1962	353,290		3,981.3	10.7		3/64	SNAKE R	
1962		308,490	3,998.0	12.9		3/64	L WHT SALMON R	
1962		2,210,298	36,684.7	16.5		4/64	COL RIVER 3	
1963	2,760,650		24,842.8	8.9		12/64	L WHT SALMON R	
1963		2,868,002	48,847.2	16.7		4/65	COL RIVER 3	
1964	12,210		49.9	4.0		8/65	L WHT SALMON R	
1964	1,250,000		9,858.8	7.8		8/65	KLICKITAT R	
1964		939,880	18,759.7	19.9	18.1- 20.6	3- 4/66	L WHT SALMON R	
1964		2,565,662	50,838.2	19.8		4/66	COL RIVER 3	
1965	701,300		264.4	0.3		3/66	JOHN DAY R O	
1965	500,000		172.8	0.3		3/66	UMITILLA R O	
1965	775,000		371.9	0.4		5/66	PELTON RES O	
1965		670,000	9,869.7	14.7		4/67	COL RIVER 3	
1965		2,978,000	55,772.4	18.7		4/67	COL RIVER 3	
1966	200,000		83.5	8.4		2/67	UMITILLA R O	
1966	265,500		114.8	0.4		2/67	HOOD R ORE	
1966	915,018		343.4	0.3		3/67	COL RIVER 3	
1966	343,800		1,786.4	4.9		8/67	KLICKITAT R	
1966	14,880		225.0	15.1		10/67	L WHT SALMON R	
1966	29,760		293.5	9.8		10/67	KLICKITAT R	
1966		707,000	14,578.0	20.6		4/68	L WHT SALMON R	
1966		3,803,000	54,560.8	18.1		4/68	COL RIVER 3	
1967	491,600		3,783.9	7.6	5.9- 9.0	8- 9/68	KLICKITAT R	
1967		648,226	14,933.6	23.0		4/69	L WHT SALMON R	
1967		199,923	3,860.5	19.3		5/69	KLICKITAT R	
1967		2,344,298	44,111.4	18.8	15.1- 19.7	5/69	L WHT SALMON R	
1968		57,608	1,088.6	18.8		4/70	KLICKITAT R	
1968		100,600	2,018.9	20.0		4/70	YOUNGS BAY O	
1968		490,290	12,221.6	24.9		5/70	L WHT SALMON R	
1968		2,552,465	51,124.9	20.0		5/70	L WHT SALMON R	
1968		10,105	195.8	19.2		5/70	KLICKITAT R	
1968		17,000	388.4	18.1		3/71	L WHT SALMON R	
1969		2,970,040	48,107.6	16.1		4/71	KLICKITAT R	
1969		42,860	563.4	13.1		2/71	L WHT SALMON R	
1970	1,901,739		683.6	0.3		1- 4/72	L WHT SALMON R	
1970		2,440,577	40,413.3	16.5				

TABLE 159.--CONTINUED.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1971	1,543,905		497.6	0.3		3/72	L WHT SALMON R	
1971		607,707	10,725.6	17.6		4/73	L WHT SALMON R	
1971		2,766,016	47,636.7	17.2		5/73	L WHT SALMON R	
1971		106,052	1,847.0	17.2		5/73	YOUNGS BAY O	
1972	881,018		388.4	0.3		3/73	L WHT SALMON R	
1972	500,000		4,888.4	9.7		2/74	L WHT SALMON R	
1972	523,203		5,024.4	9.6	5.8- 10.0	2- 3/74	COL RIVER 3	L WHT SALMON R
1972		98,051	2,838.1	28.7	28.3- 34.8	6/74	COL RIVER 3	
1972		2,645,033	55,074.7	20.8	20.6- 34.8	4- 6/74	L WHT SALMON R	
1973	1,547,997		2,387.7	1.5		4- 5/74	L WHT SALMON R	
1973	12,655		221.4	17.4		7- 8/74	L WHT SALMON R	
1973		2,741,954	69,879.1	25.4		4- 5/75	L WHT SALMON R	
1974	189,000		200.5	1.0		3/75	L WHT SALMON R	
1974		3,158,588	61,437.3	19.4		4- 5/76	L WHT SALMON R	
1975	218,100		156.5	0.7		4/76	L WHT SALMON R	

TABLE 160.--COLUMBIA BASIN-- WASHINGTON
L WHITE SALMON COMPLEX - US FISH AND WILDLIFE SERVICE
RELEASE OF-- CHUM SALMON.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1958-59	0	0	0					
1960	23,120		6.6	0.2		3/60	L WHT SALMON R	
1961	8,624		2.7	0.3		3/61	L WHT SALMON R	
1962	38,215		11.3	0.2		3/63	L WHT SALMON R	
1963	40,450		12.2	0.3		3/64	L WHT SALMON R	

TABLE 161.--COLUMBIA BASIN-- WASHINGTON
 SPRING CREEK HATCHERY - US FISH AND WILDLIFE SERVICE
 RELEASE OF- FALL CHINOOK SALMON.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1959	5,832,000		2,645.4	0.4		2/68	COL RIVER 3	
1959		7,767,360	29,360.1	3.7		5/68	COL RIVER 3	
1959		3,352,775	7,418.5	2.2		5/68	B WHT SALMON R	
1960			1,494.6	0.3		2/61	B WHT SALMON R	
1960		7,917,619	27,780.7	3.5		5/61	COL RIVER 3	
1961		10,925,933	21,780.8	1.9	1.5- 2.6	4- 5/62	COL RIVER 3	
1961		3,545,865	8,825.1	2.4		5/62	B WHT SALMON R	
1962		8,408,267	22,152.5	2.6	1.6- 3.0	4- 6/63	COL RIVER 3	
1962		3,438,295	8,215.5	2.3		6/63	B WHT SALMON R	
1963		7,467,629	15,720.2	2.1	1.5- 2.2	4- 5/64	COL RIVER 3	
1963		2,448,904	6,150.3	2.5		5/64	B WHT SALMON R	
1964	2,201,200		907.6	0.4		1/65	JOHN DAY R O	
1964	1,816,110		748.9	0.4		1/65	WILLAMETTE R O	
1964		6,554,455	19,233.7	2.9		4- 5/65	COL RIVER 3	
1964		2,007,409	10,680.3	5.3		6/65	B WHT SALMON R	
1965		8,240,275	28,252.0	3.4		4- 5/66	COL RIVER 3	
1965		1,400,236	3,366.1	2.4	1.9- 4.5	5/66	WILLAMETTE R O	
1965		1,062,670	5,670.8	5.3		6/66	B WHT SALMON R	
1966	3,404,000		1,308.6	0.3		1/67	COL RIVER 3	
1966	1,688,000		648.5	0.3		1/67	SANTIAM R O	
1966	1,045,000		907.2	0.8		3/67	WILLAMETTE R O	
1966		1,076,660	2,417.6	2.2		4/67	B WHT SALMON R	
1966		9,012,514	38,479.1	4.2	2.1- 8.5	3- 6/67	COL RIVER 3	
1967	536,700		221.4	0.4		1/68	COL RIVER 3	
1967	4,001,100		1,651.1	0.4		2/68	WILLAMETTE R O	
1967	1,999,640		1,432.4	0.7		3/68	WILLAMETTE R O	
1967		9,030,720	35,414.7	3.9		4- 6/68	COL RIVER 3	
1968	469,000		208.7	0.4		2/69	SANTIAM R O	
1968		1,010,180	5,244.9	5.1		5/69	WILLAMETTE R O	
1968		9,966,100	45,622.8	4.5		3- 6/69	COL RIVER 3	
1969	5,510,459		2,936.6	0.5	1.1- 7.0	2/70	COL RIVER 3	
1969		12,075,173	54,478.3	4.5	1.3- 7.9	3- 6/70	COL RIVER 3	
1970		11,022,958	32,869.1	2.9		4/71	COL RIVER 3	
1971		18,390,250	64,226.4	3.4	2.4- 4.2	4- 5/72	COL RIVER 3	
1972		20,236,717	133,060.8	6.5	3.0- 8.8	3- 5/73	COL RIVER 3	
1973		16,777,980	87,089.3	5.1	4.1- 10.0	3- 5/74	COL RIVER 3	
1974		9,716,133	37,464.0	3.8		4/75	COL RIVER 3	
1974		8,358,296	66,321.6	7.9		5/75	COL RIVER 3	
1974		1,898,616	12,961.9	6.8		5/75	B WHT SALMON R	
1974		980,600	35,588.9	36.2		8/75	COL RIVER 3	
1975		10,288,369	40,464.1	3.9		3/76	COL RIVER 3	
1975		3,167,266	19,050.9	6.0		4/76	COL RIVER 3	
1975		3,169,187	26,126.9	8.2		5/76	COL RIVER 3	
1975		1,960,400	14,672.4	7.4		5/76	B WHT SALMON R	
1975		480,490	16,524.8	34.3		8/76	COL RIVER 3	
1975		446,337	22,494.6	50.3		9/76	COL RIVER 3	

TABLE 162.--COLUMBIA BASIN-- WASHINGTON
 SPRING CREEK HATCHERY - US FISH AND WILDLIFE SERVICE
 RELEASE OF- COHO SALMON.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1959	114,959		1,409.3	12.2		1/61	B WHT SALMON R	
1960	0	0	0					
1961		257,594	5,077.5	19.7		1/63	B WHT SALMON R	
1962-66	0	0	0					
1969		991,218	14,050.0	14.1		1/71	B WHT SALMON R	
1970-71	0	0	0					
1972		359,700	10,650.8	29.6		10/73	B WHT SALMON R	
1972		333,762	10,121.0	30.3		1/74	B WHT SALMON R	
1973		42,196	888.6	21.0		8/75	B WHT SALMON R	

TABLE 163.--COLUMBIA BASIN-- WASHINGTON
COHLITZ SALMON HATCHERY - WASHINGTON DEPARTMENT OF FISH
RELEASE OF- FALL CHINOOK SALMON.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL HEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1959-66	-	-	-	-	-	-	-	-
1967		5,545,976	17,945.5	3.2		5/68	COHLITZ R	
1968		4,199,374	22,239.6	5.2		6- 7/69	COHLITZ R	
1969		114,336	3,241.4	28.3		10/69	COHLITZ R	
1970		5,618,155	28,963.2	5.1	3.5- 5.7	6/70	COHLITZ R	
1971	6,317,000		2,865.3	0.4		2- 4/71	COHLITZ R	
1972		5,604,860	16,916.7	3.0	2.2- 3.6	5- 6/71	COHLITZ R	
1973	3,246,000		1,472.4	0.4		1- 3/72	COHLITZ R	
1974		4,462,189	23,284.7	5.2	4.8- 5.4	6/72	COHLITZ R	
1975		376,798	7,473.4	19.8	9.4- 34.8	8-11/72	COHLITZ R	
1976		86,019	7,361.8	85.5		2/73	COHLITZ R	
1977	1,120,900		462.2	0.4		2- 3/73	COHLITZ R	
1978		5,527,779	32,191.9	5.8	4.9- 8.2	6/73	COHLITZ R	
1979	500,500		206.4	0.4		2/74	COHLITZ R	
1980		5,916,881	33,393.9	5.6	4.5- 7.0	6- 7/74	COHLITZ R	
1981	51,000		23.1	0.4		3/75	COHLITZ R	
1982		5,369,640	29,850.9	5.5		6/75	COHLITZ R	
1983		5,807,762	29,806.9	5.1	4.9- 5.3	6/76	COHLITZ R	

-- INDICATES HATCHERY NOT IN OPERATION

TABLE 164.---COLUMBIA BASIN- WASHINGTON
 COWLITZ SALMON HATCHERY - WASHINGTON DEPARTMENT OF FISH
 RELEASE OF- SPRING CHINOOK SALMON.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1958-66	-	-	-	-	-	-	-	-
1967	631,295	-	8,181.4	12.9		7/68	COWLITZ R	
1967		990,786	60,753.7	61.3	45.3- 90.7	1- 4/69	COWLITZ R	
1968		604,602	31,416.3	51.9	45.3- 56.6	10/69	COWLITZ R	
1968		1,334,243	67,068.6	50.2	34.8- 90.7	1- 3/70	COWLITZ R	
1969		2,407,280	122,054.9	50.7	20.5- 90.7	7- 3/70	COWLITZ R	
1969		462,972	52,500.1	113.3		3/71	COWLITZ R	
1970		2,297,402	46,237.4	20.1	17.4- 23.8	8/71	COWLITZ R	
1970		961,404	49,398.9	51.3	41.2- 56.6	11/71	COWLITZ R	
1970		972,181	87,406.3	89.9	75.5- 90.7	2/72	COWLITZ R	
1971	3,784,080		1,560.4	0.4		1/72	TOUTLE R	
1971	2,212,100		912.2	0.4		1/72	TOUTLE R	
1971		1,094,200	34,619.1	31.6	25.5- 45.3	9/72	COWLITZ R	
1971		1,562,700	86,496.4	55.3	41.2- 64.7	11/72	COWLITZ R	
1971		696,415	78,326.3	112.4	90.7-151.1	2- 5/73	COWLITZ R	
1972		653,778	36,092.8	55.2	51.3- 93.7	10-12/73	COWLITZ R	
1972		1,011,763	95,986.0	94.8	64.7-151.1	1- 3/74	COWLITZ R	
1973	1,292,400		488.5	0.3		11-12/73	COWLITZ R	
1973		997,756	117,836.9	118.1		2- 4/75	COWLITZ R	
1973		1,234,838	44,778.2	36.2		7-12/74	COWLITZ R	TOUTLE R
1974	2,818,800		1,137.6	0.4		11-12/74	COWLITZ R	TOUTLE R
1974	434,801		5,007.7	11.5		5- 6/75	COWLITZ R	TOUTLE R
1974		1,501,214	55,703.4	37.1		9-12/75	COWLITZ R	
1974		910,576	78,497.8	86.2		1- 3/76	COWLITZ R	
1975	4,030,400		1,664.2	0.4		11-12/75	COWLITZ R	TOUTLE R
1975	1,580,928		22,001.5	13.9	6.7- 23.8	5- 9/76	COWLITZ R	
1975		245,864	13,940.3	56.6		12/76	COWLITZ R	

--- INDICATES HATCHERY NOT IN OPERATION

TABLE 165.--COLUMBIA BASIN-- WASHINGTON
COMLITZ SALMON HATCHERY - WASHINGTON DEPARTMENT OF FISH
RELEASE OF- COHO SALMON.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1958-66	-	-	-	-	-	-	-	-
1967	-	6,543,590	173,785.7	26.5		4/69	COMLITZ R	
1968	4,199,374		22,239.6	5.2	4.1- 6.4	6- 7/69	COMLITZ R	
1968		114,336	3,241.4	28.3		10/69	COMLITZ R	
1968		4,568,857	125,721.3	27.5		4- 5/70	COMLITZ R	
1969		3,186,619	99,090.4	31.8	26.6- 37.7	4- 4/71	COMLITZ R	
1970	301,600		105.2	0.3		4- 5/71	COL RIVER 2	
1970	2,078,700		725.3	0.3		4- 5/71	COMLITZ R	
1970	522,763		975.2	1.8	1.5- 2.6	6/71	COL RIVER 2	
1970	144,000		204.1	1.4		6/71	COMLITZ R	
1970		4,412,831	146,696.3	33.2	30.2- 37.7	4/72	COMLITZ R	
1971	9,522,400		3,082.6	0.3		2- 5/72	COMLITZ R	
1971	1,664,277		5,611.4	3.3		8/72	COMLITZ R	
1971		3,830,031	100,769.6	33.2	30.2- 34.8	5/73	COMLITZ R	
1972	2,703,690		12,936.8	4.7	3.5- 12.2	7- 8/73	COMLITZ R	
1972		3,465,883	111,940.2	32.2	26.6- 45.3	5/74	COMLITZ R	
1973	2,787,000		842.8	0.3		3- 5/74	COMLITZ R	
1973	3,736,921		16,112.1	4.3		8/74	COMLITZ R	
1973		3,530,537	125,751.2	35.6		4- 5/75	COMLITZ R	
1974	472,500		142.9	0.3		4/75	COMLITZ R	
1974	2,163,548		10,146.0	4.6	4.3- 4.9	7- 8/75	COMLITZ R	
1974		3,525,150	106,598.7	30.2		5/76	COMLITZ R	
1975	2,151,564		10,913.9	5.0	2.9- 5.3	8/76	COMLITZ R	
							TOUITLE R	
							TOUITLE R	
							TOUITLE R	

"-" INDICATES HATCHERY NOT IN OPERATION

TABLE 166.--COLUMBIA BASIN-- WASHINGTON
ELOKOMIN HATCHERY - WASHINGTON DEPARTMENT OF FISH
RELEASE OF- FALL CHINOOK SALMON.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1959		2,518,585	5,430.9	2.1	1.5- 2.3	5- 6/60	ELOKOMIN R	
1959		535,782	923.1	1.7	1.5- 1.9	4/60	GRAYS R	
1960		927,455	2,825.4	3.0	2.8- 3.3	4- 5/61	ELOKOMIN R	
1961		1,575,000	3,694.1	2.3	2.1- 2.5	5/62	ELOKOMIN R	
1962		2,391,219	5,269.4	2.2		5/63	ELOKOMIN R	
1963		2,383,919	5,980.6	2.5	2.1- 2.8	5/64	ELOKOMIN R	
1964		2,069,739	7,017.5	3.3	2.1- 4.3	5/65	ELOKOMIN R	
1965		3,065,397	7,691.6	2.5		5- 6/66	ELOKOMIN R	
1965	1,545,855		545.7	0.3		1/67	ELOKOMIN R	
1966		2,598,012	10,207.2	3.9		6/67	ELOKOMIN R	
1967		2,080,267	8,586.5	4.1		5/68	ELOKOMIN R	
1968		2,261,052	9,809.8	4.3		5/69	ELOKOMIN R	
1969		1,920,109	9,530.0	4.9		5/70	ELOKOMIN R	
1970		3,221,850	9,368.0	2.9	2.1- 3.4	4- 5/71	ELOKOMIN R	
1971	238,095		194.6	0.8		3/72	ELOKOMIN R	
1971		3,076,734	13,360.1	4.3	1.9- 4.9	4- 5/72	ELOKOMIN R	
1971		101,175	3,059.5	30.2		8/72	ELOKOMIN R	
1972		3,555,440	16,456.3	4.6		6/73	ELOKOMIN R	
1972		94,088	4,589.0	48.7		8/73	ELOKOMIN R	
1973	210,456		215.0	1.0		3/74	ELOKOMIN R	
1973		2,857,666	13,140.1	4.5	1.5- 5.7	4- 8/74	ELOKOMIN R	
1973		226,588	8,783.4	38.7	30.2- 64.7	11/74	ELOKOMIN R	
1974		2,763,795	14,033.7	5.0	4.7- 11.9	6- 7/75	ELOKOMIN R	
1974		134,841	3,945.8	29.2		8/75	ELOKOMIN R	
1975		2,768,855	10,298.8	3.7	2.4- 4.5	5- 6/76	ELOKOMIN R	

TABLE 167.--COLUMBIA BASIN-- WASHINGTON
ELOKOMIN HATCHERY - WASHINGTON DEPARTMENT OF FISH
RELEASE OF- CONO SALMON.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1958		41,697	612.8	14.6		1/60	ELOKOMIN R	
1959		598,081	6,302.7	10.5	7.3- 12.5	3- 4/61	ELOKOMIN R	
1959		90,800	948.5	10.5	7.3- 11.3	3/61	WASHOUGAL R	
1960		233,194	3,127.5	13.4	11.3- 17.4	1/62	ELOKOMIN R	
1960		90,846	1,176.2	12.9		1/62	GRAYS R	
1961	45,500		286.4	4.5		11/62	ELOKOMIN R	
1961		1,156,975	11,426.4	9.8	6.9- 14.1	1- 3/63	ELOKOMIN R	
1962		805,749	15,720.2	19.5	16.7- 21.5	1- 4/64	ELOKOMIN R	
1963		264,308	3,299.9	12.4	11.9- 12.5	1- 2/65	ELOKOMIN R	
1963		945,850	17,151.2	18.1		4/65	ELOKOMIN R	
1964	474,274		945.3	1.9		4- 5/65	ELOKOMIN R	
1964		236,063	5,619.6	23.8	21.5- 25.1	2- 3/66	ELOKOMIN R	
1964		18,198	458.6	25.2		3/66	COL RIVER I	
1964		933,434	25,153.5	26.9	23.8- 30.2	4/66	ELOKOMIN R	
1965		1,288,862	18,695.3	14.5		12/66	ELOKOMIN R	
1966		846,668	24,894.5	29.4		4/68	ELOKOMIN R	
1967	276,085		116.6	0.4		2/68	ELOKOMIN R	
1967		970,560	27,514.9	28.3		4/69	ELOKOMIN R	
1968		1,856,805	53,515.3	28.8		4/70	ELOKOMIN R	
1969	532,710		251.7	0.4		1- 2/70	ELOKOMIN R	
1969		1,934,842	56,732.6	29.3	26.6- 30.2	4/71	ELOKOMIN R	
1970	201,760		88.8	0.4		2/71	COL RIVER I	
1970	1,238,740		539.8	0.4		2/71	ELOKOMIN R	
1970	536,640		234.1	0.4		2/71	COL RIVER I	
1970	109,500		132.4	1.2		4/71	COL RIVER I	
1970	109,500		132.4	1.2		4/71	ELOKOMIN R	
1970	109,500		132.4	1.2		4/71	COL RIVER I	
1970		1,944,904	53,558.8	27.5	25.1- 28.3	4/72	ELOKOMIN R	
1971	98,900		45.4	0.4		3/72	ELOKOMIN R	
1971	296,700		136.1	0.4		3/72	COL RIVER I	
1971	197,835		144.2	0.7		4/72	ELOKOMIN R	
1971		1,458,020	43,372.5	29.7	28.3- 30.2	4/73	ELOKOMIN R	ELOKOMIN R
1972	996,800		544.3	0.5		3/73	COL RIVER I	GRAYS R
1972		1,487,624	44,563.6	29.9	28.3- 34.8	5/74	ELOKOMIN R	
1973	149,910		86.2	0.5		2/74	ELOKOMIN R	
1973		1,841,803	57,721.4	31.3	30.2- 34.8	4- 5/75	ELOKOMIN R	
1974	772,039		583.0	0.7		3/75	COL RIVER I	ELOKOMIN R
1974	438,324		2,408.1	5.4	4.1- 14.1	9-11/75	COL RIVER I	ELOKOMIN R
1974		1,674,855	52,056.5	31.0		5/76	ELOKOMIN R	

TABLE 168.--COLUMBIA BASIN- WASHINGTON
 ELOKOMIN HATCHERY - WASHINGTON DEPARTMENT OF FISH
 RELEASE OF- CHUM SALMON.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1960		50,850	153.8	3.0		4/61	ELOKOMIN R	
1961		402,900	563.4	1.3	1.0- 1.8	4/62	ELOKOMIN R	
1962		785,200	516.2	0.6		4/63	ELOKOMIN R	
1963		65,846	66.2	1.0		4/64	ELOKOMIN R	
1964		92,253	73.0	0.7		4/65	ELOKOMIN R	
1965		364,000	158.8	0.4		4/66	ELOKOMIN R	
1965-67	0	0	0					
1968		43,350	60.0	1.5		5/69	ELOKOMIN R	

TABLE 169.--COLUMBIA BASIN- WASHINGTON
GRAYS RIVER HATCHERY - WASHINGTON DEPARTMENT OF FISH
RELEASE OF- FALL CHINOOK SALMON.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1959-60	0	0	0					
1961	290,823		117.8	0.4		1/62	GRAYS R	
1961		893,828	2,396.3	2.6		5/62	GRAYS R	
1962		1,359,761	4,353.1	3.2		5/63	GRAYS R	
1963		1,576,680	6,284.1	3.9		6/64	GRAYS R	
1964	847,860		353.8	0.4		2/65	COL RIVER I	
1964		1,369,522	5,752.0	4.2		5/65	GRAYS R	
1965		1,143,634	5,744.7	5.0		5- 6/66	GRAYS R	
1966	1,783,872		591.5	0.3		1/67	COL RIVER I	
1966	939,021		311.2	0.3		1/67	GRAYS R	
1966		783,145	4,892.9	6.2		6/67	GRAYS R	
1967		928,800	7,770.0	8.3		6/68	GRAYS R	
1968		1,901,222	8,934.4	4.6		5/69	GRAYS R	
1969		1,775,483	11,746.7	6.6		5/70	GRAYS R	
1970		2,094,165	11,809.7	5.6	3.3- 7.1	5- 6/71	GRAYS R	
1971	175,000		79.4	0.4		2/72	GRAYS R	
1971		2,312,651	12,145.8	5.2	2.9- 8.7	5- 6/72	GRAYS R	
1972	308,444		94.8	8.3		12/72	GRAYS R	
1972	123,755		120.2	0.9		4/73	GRAYS R	
1972		1,224,632	5,819.6	4.7	4.4- 5.0	6/73	GRAYS R	
1973		3,143,771	23,011.6	7.3	1.7- 18.1	3- 6/74	GRAYS R	
1974	996,080		386.0	0.3		1/75	GRAYS R	
1974		1,772,965	9,894.5	5.1	3.1- 7.5	6/75	GRAYS R	
1974		119,064	4,909.7	41.2		10-11/75	GRAYS R	
1975		1,852,381	21,691.7	11.7		6/76	GRAYS R	
1975		113,880	3,443.7	30.2		10/76	GRAYS R	

TABLE 170.--COLUMBIA BASIN-- WASHINGTON
 GRAYS RIVER HATCHERY - WASHINGTON DEPARTMENT OF FISH
 RELEASE OF- CONO SALMON.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1958-59	0	0	0					
1960		188,872	2,447.6	12.9		3/62	GRAYS R	
1961		662,250	10,013.1	15.1		4/63	GRAYS R	
1962		858,125	15,492.4	18.0	15.7- 19.7	4/64	GRAYS R	
1963		593,285	14,542.6	24.5	13.7- 25.6	3- 4/65	GRAYS R	
1964		689,424	13,779.7	19.9	18.1- 22.6	4/66	GRAYS R	
1965		1,053,427	25,408.0	24.1	20.5- 23.8	4/67	GRAYS R	
1966	244,069		1,101.3	4.5	2.3- 5.0	5/67	GRAYS R	
1966	14,364		51.7	3.5		6/67	GRAYS R	
1966		591,025	16,358.8	27.6		4/68	GRAYS R	
1967	100,068		488.1	4.8	4.5- 6.0	5/68	GRAYS R	
1967		843,536	23,913.8	28.3	26.5- 28.3	4/69	GRAYS R	
1968	572,674		1,278.2	2.2	1.7- 2.9	5- 6/69	GRAYS R	
1968		1,211,925	33,380.8	27.5	25.1- 30.2	4/70	GRAYS R	
1969	671,880		299.4	0.4		3/70	GRAYS R	
1969		1,273,872	36,113.7	28.3		4/71	GRAYS R	
1970	71,406		156.8	2.1		6/71	GRAYS R	
1970		518,612	3,104.4	5.9		8/71	GRAYS R	
1970		1,174,362	38,048.7	32.3		4/72	GRAYS R	
1971	479,550		189.1	0.3		2/72	GRAYS R	
1971		1,474,120	40,887.7	27.7	25.1- 28.3	3- 4/73	GRAYS R	
1972	1,926,147		7,688.8	3.9	1.5- 6.5	5- 8/73	GRAYS R	
1972		1,255,680	39,371.4	31.3	30.2- 37.7	4/74	GRAYS R	
1973	1,161,647		4,191.2	3.6	2.0- 4.6	6/74	COL RIVER I	GRAYS R
1973		1,571,568	44,629.9	28.3		5/75	GRAYS R	
1974	1,546,855		5,758.6	3.7	1.3- 6.9	7- 8/75	GRAYS R	COL RIVER I
1974		1,727,827	53,540.7	31.0		3- 5/76	GRAYS R	
1975		194,916	667.7	3.4	2.8- 3.9	7/76	GRAYS R	COL RIVER I

TABLE 171.--COLUMBIA BASIN-- WASHINGTON
 GRAYS RIVER HATCHERY - WASHINGTON DEPARTMENT OF FISH
 RELEASE OF- CHUM SALMON.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1959-61	0	0	0					
1962		704,784	439.1	0.6		3/63	GRAYS R	
1963		84,998	59.9	0.7		3/64	GRAYS R	
1964		113,016	61.7	0.5		4/65	GRAYS R	
1965		58,725	34.8	0.5		4/66	GRAYS R	
1966		152,100	88.5	0.5		3/67	GRAYS R	
1967		38,650	22.7	0.5		3/68	GRAYS R	
1968		4,021	2.3	0.5		3- 4/69	GRAYS R	
1969		62,491	35.8	0.5		3/70	GRAYS R	
1970	0	0	0					
1971		638,493	539.3	0.8		4/72	GRAYS R	
1972		563,684	635.9	1.1		5/73	GRAYS R	
1973		627,259	1,546.7	2.4		4- 6/74	GRAYS R	
1974	0	0	0					
1975		1,126,752	2,111.9	1.8		5/76	GRAYS R	

TABLE 172.--COLUMBIA BASIN- WASHINGTON
 KALAMA FALLS HATCHERY - WASHINGTON DEPARTMENT OF FISH
 RELEASE OF- FALL CHINOOK SALMON.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1959		4,718,567	6,848.3	1.4	1.2- 1.5	5- 6/60	KALAMA R	
1960		3,569,236	9,452.4	2.6		4- 6/61	KALAMA R	
1961		4,851,000	6,143.5	1.5	1.2- 2.2	6- 7/62	KALAMA R	
1962		3,401,000	6,811.6	2.0	0.9- 2.4	6/63	KALAMA R	
1963		3,879,000	8,872.3	2.2	1.3- 2.6	6/64	KALAMA R	
1964		2,787,752	7,141.8	2.5		6- 7/65	KALAMA R	
1965		4,344,365	18,370.5	4.2		6- 6/66	KALAMA R	
1966	3,912,948		1,751.8	0.4		1- 2/67	KALAMA R	
1966		2,512,879	15,614.0	6.2		6/67	KALAMA R	
1967	401,229		185.5	0.4		2/68	KALAMA R	
1967		2,958,321	19,167.8	6.4		6/68	KALAMA R	
1968		3,670,639	13,811.0	3.7		6/69	KALAMA R	
1969		6,061,202	20,361.8	3.3		3- 6/70	KALAMA R	
1970	114,000		51.7	0.4		4/71	KALAMA R	
1970		4,463,231	9,691.5	2.1	1.4- 2.3	4- 5/71	KALAMA R	
1970		551,446	14,713.6	26.6		8- 9/71	KALAMA R	
1971	3,131,223		1,533.6	0.4		2- 3/72	KALAMA R	
1971		4,034,272	11,655.5	2.8		5/72	KALAMA R	
1971		1,329,734	24,450.4	18.3	11.5- 26.6	8/72	KALAMA R	
1972		4,634,238	14,420.2	3.1	1.9- 4.3	3- 5/73	KALAMA R	
1972	3,308,204		382.8	0.6		5- 6/73	KALAMA R	
1973	574,811		12,852.5	3.5	2.0- 7.9	4/74	KALAMA R	
1973		3,618,962	5,282.1	86.6		5- 7/74	COL RIVER 2	KALAMA R
1973		60,932	8,031.8	3.8		4/75	KALAMA R	
1974		2,097,249	1,363.5	45.3	3.0- 3.9	6/75	KALAMA R	
1974		38,860				2/76	KALAMA R	

TABLE 173.--COLUMBIA BASIN- WASHINGTON
KALAMA FALLS HATCHERY - WASHINGTON DEPARTMENT OF FISH
RELEASE OF- SPRING CHINOOK SALMON.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1958-61	0	0	0					
1962		178,711	6,235.5	34.8		3/64	KALAMA R	
1963		278,874	8,538.2	30.9	22.5- 45.3	4/65	KALAMA R	
1964		64,080	2,903.8	45.3		4/66	KALAMA R	
1965	322,411		3,217.8	9.9	9.2- 12.5	9/66	KALAMA R	
1965		253,489	8,841.9	34.8		4/67	KALAMA R	
1966	47,404		14.1	8.2		3/67	KALAMA R	
1967		125,280	4,735.5	37.7		4/69	KALAMA R	
1968		184,254	3,979.8	21.5		3/70	KALAMA R	
1969	144,430		324.3	2.2		5/70	KALAMA R	
1969		92,922	2,456.7	26.4		9/70	KALAMA R	
1969		98,774	6,862.4	75.5		2/71	KALAMA R	
1970	19,264		25.4	1.3		6/71	KALAMA R	
1970		27,945	551.1	19.7		9/71	KALAMA R	
1970		71,230	5,476.2	76.8		3/72	KALAMA R	
1971	62,350		97.5	1.5		6/72	KALAMA R	
1971		78,159	1,272.8	18.1		9/72	KALAMA R	
1971		96,378	6,245.1	64.7		4/73	KALAMA R	
1972		106,598	1,971.3	18.4	16.7- 25.1	9/73	KALAMA R	
1972		131,299	5,955.7	45.3		3/74	KALAMA R	
1973		69,222	2,797.8	40.4	34.8- 50.3	10/74	KALAMA R	
1973		44,118	4,447.0	100.7		4/75	KALAMA R	
1974		335,073	8,316.6	24.8		8/75	KALAMA R	
1974		195,940	8,887.7	45.3		2/76	KALAMA R	
1975		220,842	6,135.3	27.8		8- 9/76	KALAMA R	

TABLE 174.--COLUMBIA BASIN-- WASHINGTON
KALAMA FALLS HATCHERY - WASHINGTON DEPARTMENT OF FISH
RELEASE OF-- COHO SALMON.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1958	0	0	0					
1959		1,374,692	14,811.0	10.1	1.8- 11.3	1- 3/61	KALAMA R	
1960		647,186	7,582.7	11.7	9.8- 14.1	2/62	KALAMA R	
1961		976,017	17,352.2	17.7	15.1- 18.1	2- 4/63	KALAMA R	
1961		428,548	6,784.4	16.1	14.1- 16.7	2/63	KALAMA R	
1961		179,363	2,785.5	15.5	14.1- 18.1	2/63	LEWIS R	
1961		75,168	1,065.5	14.1		2/63	COL RIVER 2	
1962		1,023,370	22,686.0	22.1	19.7- 25.6	1- 3/64	KALAMA R	
1963		1,054,453	23,816.3	22.5	20.6- 23.8	3- 4/65	KALAMA R	
1963		127,380	2,877.1	22.5	20.6- 22.6	4/65	COWLITZ R	
1964		1,384,755	35,758.3	27.4	25.1- 28.3	4/66	KALAMA R	
1964		157,396	4,120.4	26.1	25.1- 28.3	4/66	LEWIS R	
1964		200,624	5,687.6	28.3		4/66	COWLITZ R	
1965		1,582,264	38,152.1	24.1	23.8- 25.6	4- 5/67	KALAMA R	
1966	395,694	874,537	25,491.4	29.1	26.6- 28.3	2- 3/67	KALAMA R	
1966			320.7	0.4		4- 5/68	KALAMA R	
1967	799,617	1,372,880	38,918.2	28.3		2/68	COWLITZ R	
1967			452.7	0.2		4/69	KALAMA R	
1968	1,589,584	1,876,480	38,517.7	28.3		1- 3/69	KALAMA R	
1968			34.0	0.3		4/70	KALAMA R	
1969	97,875		386.2	0.3		3/70	KALAMA R	
1969	880,815		836.9	2.7		3/70	COWLITZ R	
1969	301,038		48,173.8	28.3	2.5- 3.1	6- 7/70	KALAMA R	
1969		1,417,088	152.4	0.3		3/71	KALAMA R	
1970	393,120		418.2	0.3		2/71	COL RIVER 2	
1970	1,078,748		166.9	0.3		2/71	COWLITZ R	
1970	438,560		294.8	1.4		2/71	KALAMA R	
1970	200,200		911.7	2.1		5/71	COWLITZ R	
1970	420,900		589.7	28.3	1.8- 3.0	5- 6/71	KALAMA R	
1970		20,800	33,036.0	26.6		4/72	COWLITZ R	
1970		1,238,144	184.6	0.3		4/72	KALAMA R	
1971	564,625		28,388.1	28.8	25.1- 30.2	2/72	KALAMA R	
1971			58.1	0.3		4/73	KALAMA R	
1972	192,000		198.2	0.3		2- 3/73	COWLITZ R	
1972	655,500		626.4	3.2		6/73	KALAMA R	
1972	194,721		27,076.3	29.2		4/74	KALAMA R	
1972		925,188	109.8	0.3		2/74	KALAMA R	
1973	314,800		27,587.9	32.3		4/75	KALAMA R	
1973		851,489						

TABLE 175.--COLUMBIA BASIN-- WASHINGTON
 KLICKITAT HATCHERY - WASHINGTON DEPARTMENT OF FISH
 RELEASE OF- FALL CHINOOK SALMON.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1959		4,355,821	10,512.0	2.4	2.0-	3-	4/60	KLICKITAT R
1960		1,685,564	6,175.2	3.6	3.0-	4/61	4/61	KLICKITAT R
1961	99,210		60.3	0.6		2/62	2/62	COL RIVER 3
1961		3,177,958	8,705.3	2.7		4/62	4/62	KLICKITAT R
1962	149,625		55.8	0.3		1/63	1/63	COL RIVER 3
1962		2,624,470	7,277.0	2.7	2.2-	4/63	4/63	KLICKITAT R
1963		2,888,288	8,850.8	3.0	2.9-	4/64	4/64	KLICKITAT R
1964	449,280		176.4	0.3		1/65	1/65	COL RIVER 3
1964		2,935,065	10,119.6	3.4	3.1-	5/65	5/65	KLICKITAT R
1965		3,235,268	19,156.1	5.9		4-	5/66	KLICKITAT R
1966	533,070		179.2	0.3		1/67	1/67	COL RIVER 3
1966		3,203,235	14,124.9	4.4		6/67	6/67	KLICKITAT R
1967		2,839,289	8,209.6	4.0		5/68	5/68	KLICKITAT R
1968		2,684,341	13,789.8	5.2		5/69	5/69	KLICKITAT R
1969		4,827,989	28,905.2	5.9		5/70	5/70	KLICKITAT R
1970		1,204,494	2,921.1	2.4	1.7-	4/71	4/71	KLICKITAT R
1971		1,667,986	7,423.8	4.4	3.6-	5/72	5/72	KLICKITAT R
1972		2,315,376	13,678.5	5.9	5.1-	5-	6/73	KLICKITAT R
1973		1,603,944	7,868.0	4.9	2.3-	4-	5/74	KLICKITAT R
1973		134,124	7,684.9	56.7		2/75	2/75	KLICKITAT R
1974	106,700		4.0	0.4		1/75	1/75	KLICKITAT R
1974		1,089,768	4,936.9	4.8	4.5-	5-	6/75	KLICKITAT R
1974		44,399	411.0	9.2		9/75	9/75	KLICKITAT R
1974		45,880	3,401.9	75.5		5/76	5/76	KLICKITAT R
1975	1,687,721		1,660.6	0.9		1/76	1/76	KLICKITAT R
1975		1,274,888	7,612.2	5.9	2.6-	3-	6/76	KLICKITAT R

TABLE 176.--COLUMBIA BASIN-- WASHINGTON
 KLICKITAT HATCHERY - WASHINGTON DEPARTMENT OF FISH
 RELEASE OF- SPRING CHINOOK SALMON.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1958		49,384	451.3	9.1	8.3-	1/60	KLICKITAT R	
1959		33,285	582.1	15.1		3/61	KLICKITAT R	
1960	31,296		221.8	7.0		8/61	KLICKITAT R	
1961	84,518	79,317	774.7	9.7	7.5-	1/62	KLICKITAT R	
1961			374.7	4.4		6/62	KLICKITAT R	
1961		185,805	4,247.0	22.8	15.5-	1/63	KLICKITAT R	
1962	151,456		508.9	3.3	3.2-	6-- 7/63	KLICKITAT R	
1962		337,358	5,381.4	15.9	10.7-	3/64	KLICKITAT R	
1963	396,478		3,671.8	9.2	5.3-	8/64	KLICKITAT R	
1963		640,000	12,621.7	19.7		6/65	KLICKITAT R	
1964		114,894	3,256.8	28.3		4/66	KLICKITAT R	
1965		184,736	2,969.2	28.3		2/67	KLICKITAT R	
1966	23,786		18.6	0.7		3/67	KLICKITAT R	
1966	183,264		1,064.6	10.3	9.8-	6/67	KLICKITAT R	
1966		544,455	16,464.0	30.2		4/68	KLICKITAT R	
1967		355,332	18,585.0	29.7		4/69	KLICKITAT R	
1968		400,750	12,984.1	32.3		3/70	KLICKITAT R	
1969		452,403	22,800.7	50.3		2/71	KLICKITAT R	
1970	883,560		5,415.9	6.1		4/71	KLICKITAT R	
1970		538,468	17,446.1	32.3		11/71	KLICKITAT R	
1970		642,537	32,383.3	50.3		3/72	KLICKITAT R	
1971		335,664	14,500.4	43.1		11/72	KLICKITAT R	
1971		219,978	15,118.2	68.7		3/73	KLICKITAT R	
1972	585,000		8,845.1	15.1		6/73	KLICKITAT R	
1972	139,200		1,888.6	7.8		6/73	ENTAT R	
1972	162,400		1,270.1	7.8		6/73	YAKAMA R	
1972	162,400		1,270.1	7.8		6/73	YAKAMA R	
1972		511,838	15,477.5	38.2		9/73	KLICKITAT R	
1972		228,128	16,953.4	74.3		3/74	KLICKITAT R	
1973		348,742	14,251.8	40.8		9/74	KLICKITAT R	
1973		376,232	21,332.8	56.6		2/75	KLICKITAT R	
1974		50,800	453.6	9.0		6/75	ENTAT R	
1974		453,129	14,577.1	32.1		9/75	KLICKITAT R	
1974		431,125	31,988.2	74.1		4- 5/76	KLICKITAT R	
1975	335,630		3,999.8	11.9		7/76	KLICKITAT R	
1975	25,225		424.1	16.8		10/76	KLICKITAT R	

TABLE 177.---COLUMBIA BASIN- WASHINGTON
 KLICKITAT HATCHERY - WASHINGTON DEPARTMENT OF FISH
 RELEASE OF- CONDO SALMON.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1958		679,434	6,196.5	9.1	7.8- 10.5	1/60	KLICKITAT R	
1959	96,106		74.4	0.7		5/60	YAKAMA R	
1959		961,226	11,592.0	12.0		1- 3/61	KLICKITAT R	
1960	24,992		79.8	3.1		8/61	KLICKITAT R	
1960		667,533	10,236.7	15.3	8.3- 23.8	1- 6/62	KLICKITAT R	YAKAMA R
1961	247,622		603.7	2.4	1.8- 4.0	6- 7/62	KLICKITAT R	
1961	494,306		6,203.3	12.5	8.1- 37.7	11-12/62	KLICKITAT R	
1961		633,577	7,900.7	12.4	8.8- 19.8	1/63	KLICKITAT R	
1962	647,488		181.9	0.2		1/63	KLICKITAT R	
1962	170,460		508.8	2.9	1.5- 3.9	5- 7/63	KLICKITAT R	YAKAMA R
1962	1,299,820		27,011.4	20.7	7.8- 23.8	8-12/63	KLICKITAT R	
1962		397,973	7,801.3	19.6	16.7- 30.2	1/64	KLICKITAT R	
1963	112,695		309.8	2.7		5/64	KLICKITAT R	
1963		94,862	1,855.6	19.7	17.4- 20.6	1/65	YAKAMA R	
1963		787,000	15,031.1	19.0		3/65	KLICKITAT R	
1964	224,965		581.1	2.5		5/65	KLICKITAT R	
1964		1,082,212	23,519.2	21.7	18.1- 22.6	3- 4/66	KLICKITAT R	
1965		1,511,000	19,325.8	12.7	11.3- 18.1	12/66	KLICKITAT R	
1966		850,000	25,084.3	29.4		4/68	KLICKITAT R	
1967		1,308,995	39,386.8	30.0	28.3- 30.2	3- 4/69	KLICKITAT R	
1968		654,176	18,545.6	28.3		4/70	KLICKITAT R	
1969		1,445,878	46,845.7	32.3		3/71	KLICKITAT R	
1970	307,450		3,243.2	18.5		6/71	KLICKITAT R	
1970		1,408,635	44,198.8	31.3	26.5- 32.3	4/72	KLICKITAT R	
1971	496,800		6,259.6	12.5		7/72	KLICKITAT R	
1971		870,660	15,671.5	17.9		4/73	KLICKITAT R	
1972	218,580		1,905.1	8.7	7.5- 12.9	6/73	KLICKITAT R	
1972		621,912	18,644.5	29.9	25.1- 50.3	4- 5/74	KLICKITAT R	
1973	289,508		3,691.8	12.7	6.4- 25.1	6-12/74	KLICKITAT R	
1973		844,025	28,997.3	34.3	30.2- 45.3	4/75	KLICKITAT R	
1974	211,012		64.4	0.3		2/75	KLICKITAT R	
1974		1,118,161	26,180.8	25.2		4- 5/76	KLICKITAT R	

TABLE 178.--COLUMBIA BASIN- WASHINGTON
LEWIS RIVER HATCHERY - WASHINGTON DEPARTMENT OF FISH
RELEASE OF- FALL CHINOOK SALMON.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1959		1,071,085	1,470.1	1.3		4- 5/60	LEWIS R	
1960		1,566,822	3,748.0	2.3	1.2- 2.4	5/61	LEWIS R	
1961		477,462	968.4	2.0	1.9- 2.0	5/62	LEWIS R	
1962	786,025		306.6	0.4		2/63	LEWIS R	
1963		275,965	419.6	1.5	1.4- 1.5	5/64	LEWIS R	
1964-70	0	0	0					
1971		109,060	371.9	3.4		6/72	LEWIS R	

TABLE 179.--COLUMBIA BASIN- WASHINGTON
LEWIS RIVER HATCHERY - WASHINGTON DEPARTMENT OF FISH
RELEASE OF- SPRING CHINOOK SALMON.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1958-70	0	0	0					
1971	122,430		168.3	1.3		6/72	LEWIS R	
1971		45,848	2,599.5	56.6		3/73	LEWIS R	
1972-74	0	0	0					
1975		19,316	796.5	41.2		9/76	LEWIS R	

TABLE 180.--COLUMBIA BASIN-- WASHINGTON
LEWIS RIVER HATCHERY - WASHINGTON DEPARTMENT OF FISH
RELEASE OF- COHO SALMON.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1958		254,307	2,560.1	10.0		1/60	LEWIS R	
1959	448,141		332.5	0.7		4- 5/68	LEWIS R	
1959		584,074	5,581.5	9.5	8.2- 11.3	2/61	LEWIS R	
1960		518,318	5,546.1	10.7	9.0- 12.9	1/62	LEWIS R	
1961	383,768		379.2	1.2	0.9- 1.7	5/62	LEWIS R	
1961		588,178	4,604.9	7.9	6.6- 12.2	11/62	LEWIS R	
1962	0							
1963		163,548	3,898.2	23.8		4/65	LEWIS R	
1964		594,930	13,920.7	23.3		3/66	LEWIS R	
1965		387,188	10,906.2	28.1		4/67	LEWIS R	
1966		726,908	19,590.7	26.9	26.6- 28.3	4/68	LEWIS R	
1967		733,968	22,254.1	30.3		4/69	LEWIS R	
1968		845,760	23,976.9	28.3		3/70	LEWIS R	
1969		892,580	24,097.1	26.9		4/71	LEWIS R	
1970		934,192	28,983.2	31.0	28.3- 34.8	4/72	LEWIS R	
1971		771,733	22,296.3	28.8	26.6- 30.2	4/73	LEWIS R	
1972		1,086,032	30,788.5	28.3		4/74	LEWIS R	
1973		1,160,992	32,913.6	28.3		4/75	LEWIS R	
1974		1,175,488	33,324.5	28.3		5/76	LEWIS R	

TABLE 101.--COLUMBIA BASIN-- WASHINGTON
LOWER KALAMA HATCHERY -- WASHINGTON DEPARTMENT OF FISH
RELEASE OF-- FALL CHINOOK SALMON.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1959		1,254,139	2,603.5	2.1	0.8- 2.3	5- 6/60	KALAMA R	
1960		612,170	1,573.5	2.5	1.9- 2.5	4- 5/61	KALAMA R	
1961		855,845	1,489.1	1.7	1.4- 1.9	6/62	KALAMA R	
1962		1,190,000	2,733.8	2.2		5/63	KALAMA R	
1963		1,005,000	3,200.8	3.2	3.0- 3.7	5/64	KALAMA R	
1964		862,483	2,367.3	2.6		5/65	KALAMA R	
1965		1,164,768	3,573.9	3.0		5/66	KALAMA R	
1966		1,216,389	4,179.9	3.4		5/67	KALAMA R	
1967		1,680,025	7,330.5	4.3		5/68	KALAMA R	
1968		1,828,343	5,187.5	2.7	1.2- 3.2	5- 6/69	KALAMA R	
1969		3,578,777	13,527.5	3.7		5/70	KALAMA R	
1970		2,968,364	5,843.2	1.9	1.1- 2.3	4- 7/71	KALAMA R	
1971		2,702,870	6,228.7	30.2		10/71	KALAMA R	
1971		394,538	10,001.5	3.7	3.4- 4.3	5/72	KALAMA R	
1971		20,000	7,770.8	19.6	5.9- 32.3	6-12/72	KALAMA R	
1972	162,000		1,570.8	70.1		4/73	KALAMA R	
1972		2,744,530	73.5	8.4		3/73	KALAMA R	
1972		50,295	10,601.7	3.8	3.2- 5.5	5- 6/73	KALAMA R	
1972		106,526	312.5	6.2		7/73	KALAMA R	
1973		2,514,899	1,921.0	10.0	15.1- 20.6	9/73	KALAMA R	
1973		92,925	16,233.9	6.4	3.4- 10.3	3- 5/74	KALAMA R	
1973		52,440	2,810.8	30.2		9/74	KALAMA R	
1974		3,025,990	3,964.4	75.5		2/75	KALAMA R	
1974		194,246	17,273.3	5.7	2.4- 7.9	4- 6/75	KALAMA R	
1975		2,996,854	5,302.0	27.2	15.1- 34.8	8- 9/75	KALAMA R	
			10,839.1	6.2	2.6- 8.8	3- 6/76	KALAMA R	

TABLE 102.--COLUMBIA BASIN-- WASHINGTON
LOWER KALAMA HATCHERY - WASHINGTON DEPARTMENT OF FISH
RELEASE OF- CONO SALMON.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1958		142,684	1,581.2	11.0	7.5- 11.0	1- 2/60	KALAMA R	
1959		321,304	2,062.2	8.9		1/61	KALAMA R	
1960		284,470	2,596.8	9.1		3/62	KALAMA R	
1961	103,886		99.3	0.9		7/62	KALAMA R	
1961		300,898	1,922.3	6.3		2/63	KALAMA R	
1962		423,708	7,593.1	17.9		4/64	COMLITZ R	
1963		493,118	7,455.7	15.1		4/65	COMLITZ R	
1964		360,800	8,164.7	22.6		4/66	COMLITZ R	
1965		352,532	9,494.1	26.9	26.5- 28.3	4/67	KALAMA R	
1966		396,808	10,956.5	27.6		4/68	KALAMA R	
1967	10,035		4.1	0.4		3/68	KALAMA R	
1967	7,546		5.8	0.6		4/68	KALAMA R	
1967		598,120	17,999.8	30.0		4/69	KALAMA R	
1968	189,114		58.5	0.3		1/69	KALAMA R	
1968	742,218		3,268.6	4.4		7/69	COL RIVER 2	
1969		540,529	16,345.2	30.2		4/70	KALAMA R	
1970		1,015,186	30,696.0	30.2		4/71	KALAMA R	
1970	1,486,736		1,608.4	1.0	0.8- 1.2	4/71	COMLITZ R	
1970	1,289,171		1,172.5	0.9	0.7- 1.1	4/71	COMLITZ R	
1970	782,231		748.8	0.9	0.7- 1.2	4/71	KALAMA R	
1971	1,013,448		36,188.5	27.5	25.1- 28.3	4/72	KALAMA R	
1971		1,023,268	290.8	0.2		3/72	KALAMA R	
1971		36,000	38,942.7	30.2		4/73	KALAMA R	
1972	200,260		1,000.6	30.2		4/73	TOUTLE R	
1972	103,824		146.5	0.7		4/73	KALAMA R	
1972			76.2	0.7		4/73	TOUTLE R	
1973		1,083,938	32,777.5	30.2		4/74	KALAMA R	
1974	299,405		38,032.4	30.2		4/75	KALAMA R	
1974	52,800		185.7	0.3		4/75	KALAMA R	
1974			544.3	18.3		10/75	COL RIVER 2	
1974		1,088,990	30,511.3	30.2		4/76	KALAMA R	

TABLE 183.--COLUMBIA BASIN-- WASHINGTON
SPEELYAI HATCHERY - WASHINGTON DEPARTMENT OF FISH
RELEASE OF- FALL CHINOOK SALMON.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1959		493,477	1,064.6	2.1	2.0- 2.2	5/60	LEWIS R	
1960		458,060	1,046.9	2.3		5/61	LEWIS R	
1961		456,550	980.4	1.9		5/62	LEWIS R	
1962			284.9	0.4		2/63	LEWIS R	
1963	700,000	0	0					
1964	2,879,922	0	1,218.3	0.4		2- 3/65	LEWIS R	
1965-70	0	0	0					
1971	139,400	0	61.7	0.4		3/72	LEWIS R	

TABLE 184.--COLUMBIA BASIN- WASHINGTON
SPEELVAT HATCHERY - WASHINGTON DEPARTMENT OF FISH
RELEASE OF- SPRING CHINOOK SALMON.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION	RELEASE LOCATION
1959-71			0	0		/	0 AY [0" E-AY		
1972		158,697	3,516.7	22.1	19.7- 56.6	8-11/73	LEWIS R		
1972		94,392	4,031.5	42.7	32.3- 50.3	2/74	LEWIS R		
1973		163,584	3,258.6	19.9	18.1- 20.6	9/74	LEWIS R		
1973		114,987	4,847.5	42.1		2/75	LEWIS R		
1974		75,680	2,449.4	32.3		9/75	LEWIS R		
1974		128,868	9,220.2	71.9		3/76	LEWIS R		
1975			2,358.7	14.1		6/76	LEWIS R		
1975	166,488	144,300	5,034.9	34.8		9/76	LEWIS R		
1975		25,588	1,368.8	53.3		11/76	LEWIS R		

TABLE 105.--COLUMBIA BASIN-- WASHINGTON
SPEELYAI HATCHERY - WASHINGTON DEPARTMENT OF FISH
RELEASE OF- COHO SALMON.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION	RELEASE LOCATION
1959	236,999		422.7	1.7		5/60	LEWIS R		
1960	59,625		510.3	8.5		7/61	LEWIS R		
1961		985,209	5,189.6	5.2		2/63	LEWIS R		
1962	6,375,576		2,229.9	0.3		4/63	LEWIS R		
1962		350,930	8,855.9	25.2	23.8- 25.1	3/64	LEWIS R		
1963	54,860		181.4	3.3		6/64	LEWIS R		
1963		357,034	9,526.3	26.6		4/65	LEWIS R		
1964	1,561,962		447.2	0.2		2- 3/65	LEWIS R		
1964		250,516	6,425.1	24.8		4/66	LEWIS R		
1965	282,186		78.5	0.2		1- 2/66	LEWIS R		
1965		320,000	8,886.8	27.0		4/67	LEWIS R		
1966	606,454		207.3	0.3		2/67	LEWIS R		
1966		260,000	7,874.4	29.3		4/68	LEWIS R		
1967	301,000		97.5	0.3		2/68	LEWIS R		
1967		498,516	13,485.8	27.4		4/69	LEWIS R		
1968		677,200	19,210.5	28.3		4/70	LEWIS R		
1969			260.4	0.3		2/70	LEWIS R		
1969	746,200		32,108.9	24.5		4/71	LEWIS R		
1970	922,000		279.8	0.3		1- 2/71	LEWIS R		
1970	201,000		60.8	0.3		2/71	GOL RIVER 2		
1970		1,544,280	46,493.2	30.1		4/72	LEWIS R		
1971	600,000		544.3	0.9		3/72	LEWIS R		
1971		1,980,234	51,097.6	25.8	25.1- 28.3	4- 5/73	LEWIS R		
1972	1,201,420		1,823.8	1.5	0.7- 4.2	3- 6/73	LEWIS R		
1972		1,286,217	34,859.8	27.1	26.6- 28.3	4/74	LEWIS R		
1973	1,261,500		1,181.6	0.9	0.3- 1.8	1- 4/74	LEWIS R		
1973		1,390,750	42,297.5	30.2		4/75	LEWIS R		
1974	802,184		1,144.9	1.4	1.0- 2.6	3- 5/75	LEWIS R		
1974		1,479,168	41,933.7	28.3		5/76	LEWIS R		
1975	1,014,560		2,665.3	2.6	2.5- 2.7		LEWIS R		

TABLE 186.--COLUMBIA BASIN- WASHINGTON
TOUTLE HATCHERY
RELEASE OF- FALL CHINOOK SALMON.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1959	167,762	2,528,611	190.1	1.1	1.0-	5/68	TOUTLE R	
1959		911,335	3,231.8	1.2	1.7	5- 7/60	TOUTLE R	
1960		992,559	2,122.4	2.3	1.5- 2.9	5- 7/61	TOUTLE R	
1961		3,875,852	2,519.7	2.5	2.1- 2.9	6- 7/62	TOUTLE R	
1962		2,580,198	4,550.8	1.4	0.9- 2.8	6- 7/63	TOUTLE R	
1963		5,738,659	4,510.1	1.7	1.5- 1.8	6- 7/64	TOUTLE R	
1964		2,931,998	5,280.3	8.9		6/65	TOUTLE R	
1965			6,966.7	2.3		5- 6/66	TOUTLE R	
1966	416,000		145.1	8.3		1/67	TOUTLE R	
1966		2,832,913	6,517.2	2.3		6/67	TOUTLE R	
1967		3,235,585	8,568.8	2.6		5/68	TOUTLE R	
1968		3,118,794	8,875.3	2.5		6/69	TOUTLE R	
1969		2,692,682	10,286.7	3.7		7/70	TOUTLE R	
1970		3,155,156	10,339.2	3.2	1.3- 3.9	5- 6/71	TOUTLE R	
1970		197,475	5,971.5	30.2		10/71	TOUTLE R	
1971	523,800		220.0	0.4		3- 4/72	TOUTLE R	
1971		2,685,182	8,156.0	3.8		6/72	TOUTLE R	
1971		141,180	2,942.0	20.8	18.8- 21.5	10/72	TOUTLE R	
1971		47,947	1,921.8	40.8	26.5- 56.6	1- 4/73	TOUTLE R	
1972	333,200		222.3	0.6		4/73	TOUTLE R	
1972		3,268,763	9,575.3	2.9	1.5- 3.4	5- 6/73	TOUTLE R	
1973		2,889,229	11,144.3	3.8	2.2- 4.3	6- 7/74	TOUTLE R	
1973		288,720	4,733.7	22.6		10/74	TOUTLE R	
1974	262,500		113.4	8.4		3/75	TOUTLE R	
1974		3,273,846	12,482.0	3.8	3.2- 4.1	6/75	TOUTLE R	
1974		755,335	6,992.1	9.2		8/75	WASHOUGAL R	
1974		278,188	8,170.1	30.2		4/76	TOUTLE R	
1975	288,840		112.8	0.5		4- 6/76	TOUTLE R	
1975		3,042,388	13,844.1	4.5	2.9- 4.9			

TABLE 187.--COLUMBIA BASIN- WASHINGTON
TOUTLE HATCHERY - WASHINGTON DEPARTMENT OF FISH
RELEASE OF- SPRING CHINOOK SALMON.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1960-73	0	0	0					
1974	45,020		331.1	7.3	6.4- 8.3	7/75	TOUTLE R	
1974		10,045	186.0	18.5		9/75	TOUTLE R	
1974		26,809	1,559.8	58.1		3/76	TOUTLE R	

TABLE 186.--COLUMBIA BASIN-- WASHINGTON
TOUTLE HATCHERY - WASHINGTON DEPARTMENT OF FISH
RELEASE OF-- CONDO SALMON.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1958		550,771	4,676.1	7.1	3.2- 11.6	1- 4/60	COWLITZ R	
1959	152,000		86.2	0.5		6/60	TUCANNON R	
1959	194,030		246.3	1.2	0.5- 1.5	6/60	COWLITZ R	
1959		1,159,297	5,994.7	5.1	3.2- 13.7	2- 4/61	COWLITZ R	
1959	21,225		34.8	1.6		6/61	TUCANNON R	
1960		770,725	6,900.5	8.9	7.3- 12.2	1- 2/62	COWLITZ R	
1961	100,650		49.9	0.4		5/62	TUCANNON R	
1961	2,252,359		1,827.1	0.8	0.5- 1.1	5- 6/62	COWLITZ R	
1961		1,020,200	11,287.2	11.0	7.1- 19.7	2- 3/63	COWLITZ R	
1962	174,200		60.8	0.3		4/63	COWLITZ R	
1962	135,729		134.7	0.9		5/63	COWLITZ R	
1962	100,800		163.3	1.6		7/63	TUCANNON R	
1962		1,381,299	22,397.9	17.2	11.3- 20.6	3- 4/64	COWLITZ R	
1963	75,075		194.6	2.5		7/64	TUCANNON R	
1963	58,652		153.3	2.6	2.5- 2.8	8/64	COWLITZ R	
1963		1,395,112	24,154.2	17.3	15.1- 19.7	2- 3/65	COWLITZ R	
1964	99,960		177.8	1.7		7/65	TUCANNON R	
1964		1,269,720	31,050.7	24.4	21.5- 30.2	3- 4/66	COWLITZ R	
1965		1,191,421	29,217.7	24.5		4/67	COWLITZ R	
1966	287,500		113.4	0.3		3/67	COWLITZ R	
1966	61,155		183.7	3.0		6/67	COWLITZ R	
1966			23,311.0	24.5		4/68	COWLITZ R	
1967		1,005,263	26,884.9	24.7	21.5- 28.3	4/69	COWLITZ R	
1968	412,800		117.0	0.2		3/69	COWLITZ R	
1968	109,755		222.3	2.0	1.4- 2.5	4- 7/69	COWLITZ R	
1968		1,390,140	35,003.7	25.1		4/70	COWLITZ R	
1969	846,250		307.1	0.3		3/70	COWLITZ R	
1969		1,568,296	39,509.7	25.1	15.1- 30.2	3/71	COWLITZ R	
1970	930,000		351.5	0.3		3/71	COWLITZ R	
1970	161,000		317.5	1.9		6/71	COWLITZ R	
1970		1,430,320	48,359.3	28.2	25.1- 28.3	4/72	COWLITZ R	
1970		134,453	3,587.5	26.6		5/72	COWLITZ R	
1971	14,350		186.0	12.9		3/73	COWLITZ R	
1971		1,387,428	35,818.4	25.8	19.7- 28.3	4/73	COWLITZ R	
1972	606,120		609.6	1.0	0.3- 1.3	3- 6/73	COWLITZ R	
1972	65,550		646.4	9.8		9/73	TOUTLE R	
1972		28,292	415.5	14.6	12.2- 19.7	10/73	TOUTLE R	
1972		1,445,876	35,778.9	24.7	15.1- 32.3	4- 6/74	TOUTLE R	
1973	92,175		333.4	3.6	3.5- 4.4	6- 7/74	TOUTLE R	
1973	231,800		55.3	0.2		1/75	WASHOUGAL R	
1974		1,620,741	43,021.0	26.5		3- 4/75	TOUTLE R	
1974			954.8	1.9	1.8- 3.4	5- 7/75	TOUTLE R	
1974	480,340		53,884.7	23.4	17.4- 28.3	2- 4/76	TOUTLE R	
1975	482,908		288.9	0.5		4/76	TOUTLE R	

TABLE 189.--COLUMBIA BASIN-- WASHINGTON
WASHOUGAL HATCHERY - WASHINGTON DEPARTMENT OF FISH
RELEASE OF-- FALL CHINOOK SALMON.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1959		2,854,999	4,221.6	1.4	1.1- 1.5	5/60	WASHOUGAL R	
1960		1,619,688	5,259.9	3.2	3.0- 3.4	5/61	WASHOUGAL R	
1961		2,314,940	5,767.4	2.4		5- 6/62	WASHOUGAL R	
1962		3,315,613	8,383.3	2.5	2.4- 2.8	5/63	WASHOUGAL R	
1963			4,25.8	0.4		1/64	COL RIVER 2	
1963	1,049,440	3,157,696	9,359.9	2.9	1.8- 3.8	5/64	WASHOUGAL R	
1964		2,643,924	8,627.8	3.2		5/65	WASHOUGAL R	
1965		3,275,914	14,016.5	4.2		6/66	WASHOUGAL R	
1966		2,255,985	10,288.4	4.5		6/67	WASHOUGAL R	
1967		2,674,842	15,187.2	5.6		6/68	WASHOUGAL R	
1968		1,473,126	4,481.5	3.8		6/69	WASHOUGAL R	
1969		3,383,637	16,589.7	4.9		6/70	WASHOUGAL R	
1970		856,650	2,590.5	3.0		5/71	WASHOUGAL R	
1971		364,900	1,651.1	4.5		6/72	WASHOUGAL R	
1971		382,430	9,155.3	30.2		11/72	WASHOUGAL R	
1972		2,171,984	11,605.6	5.3		7/73	WASHOUGAL R	
1972		219,880	14,242.8	64.7		11/73	WASHOUGAL R	
1973		1,787,837	17,853.4	10.4	7.4- 13.7	6/74	WASHOUGAL R	
1973		315,504	17,888.8	56.6		11/74	WASHOUGAL R	
1974		1,105,874	6,514.5	5.8		6/75	WASHOUGAL R	
1975			1,623.4	0.7		3/76	LEWIS R	WASHOUGAL R
1975	2,125,935	416,064	11,795.2	28.3		8/76	WASHOUGAL R	

TABLE 190.---COLUMBIA BASIN-- WASHINGTON
WASHOUGAL HATCHERY - WASHINGTON DEPARTMENT OF FISH
RELEASE OF-- COHO SALMON.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1958		296,600	3,616.5	12.1	11.5- 12.9	1- 4/60	ELKOMIN R	
1958		410,812	6,109.4	14.8	12.2- 18.8	1- 2/60	WASHOUGAL R	
1959	200,035		1,649.7	8.2		11/60	WASHOUGAL R	
1959		1,183,550	14,035.5	11.8	9.6- 12.5	3/61	WASHOUGAL R	
1960	50,000		18.1	0.3		2/61	WASHOUGAL R	
1960	62,000		22.2	0.3		2/61	COL RIVER 2	
1960		660,112	11,191.9	16.9	14.1- 19.7	3/62	WASHOUGAL R	
1961	93,133		35.8	0.3		2/62	COL RIVER 2	
1961	68,480		816.5	11.9		10/62	WASHOUGAL R	
1961		827,420	12,925.6	15.6		12/62	WASHOUGAL R	
1961		114,725	2,081.5	18.1		1/63	WASHOUGAL R	
1961		1,436,355	25,092.3	17.4	14.6- 21.5	3/63	WASHOUGAL R	
1962		1,156,194	382.8	8.3		3/63	WASHOUGAL R	
1962		1,244,820	27,661.8	22.2	18.1- 28.3	3/64	WASHOUGAL R	
1963	81,965		35.8	0.4		2/64	COL RIVER 2	
1964	30,398		32,250.0	23.9	16.7- 28.3	3/65	WASHOUGAL R	
1964		2,114,569	72.1	2.3		5/65	COL RIVER 2	
1965		2,397,825	55,160.9	26.0	25.1- 26.6	4/66	WASHOUGAL R	
1965			54,471.9	22.7	21.5- 23.8	4/67	WASHOUGAL R	
1966	1,433,454		7,277.9	5.0		2- 4/67	WASHOUGAL R	
1966	984,000		3,361.6	3.7		6/67	WASHOUGAL R	
1966		855,538	22,362.6	26.1		4/68	WASHOUGAL R	
1967	249,480		114.3	0.4		2/68	WIND R	
1967	1,032,612		587.9	0.5		2- 4/68	WASHOUGAL R	
1967		1,813,508	45,699.4	25.1		4/69	WASHOUGAL R	
1968		1,308,999	25,815.3	19.7		3/70	WASHOUGAL R	
1969		2,768,508	69,284.9	25.8		4/71	WASHOUGAL R	
1970	385,100		143.8	0.3		2/71	COL RIVER 2	
1970	1,829,980		373.3	0.3		2/71	WASHOUGAL R	
1970	305,500		186.6	0.3		2/71	WIND R	
1978	1,473,064		699.0	0.4		2- 3/71	B WHT SALMON R	
1970	1,162,128		788.5	0.6		3/71	ROCK CR 0	
1970	605,000		499.0	0.8		4/71	COL RIVER 2	
1970	1,186,144		1,331.7	1.1		5/71	B WHT SALMON R	
1970	888,313		3,878.7	4.3	2.3- 5.2	7- 8/71	WASHOUGAL R	
1970		267,600	10,115.1	37.7		11/71	WASHOUGAL R	
1970		2,477,280	70,229.7	28.3		4/72	WASHOUGAL R	
1970			95.3	0.3		1/72	WASHOUGAL R	
1971	270,480		195.0	0.8		4/72	WASHOUGAL R	
1971	240,800		90,535.2	29.9	26.6- 28.3	4- 5/73	WASHOUGAL R	
1971		3,023,059	527.5	0.3		1- 2/73	COL RIVER 2	WASHOUGAL R
1972	1,441,907		283.9	3.2		7/73	WASHOUGAL R	
1972	87,640		81,150.4	25.1		5/74	WASHOUGAL R	
1972		3,220,328	313.4	2.3		6/74	WASHOUGAL R	
1973	132,672		93,460.0	28.3		4/75	WASHOUGAL R	
1973		3,296,704	79,788.3	28.3		4/76	WASHOUGAL R	
1974		2,814,448						

TABLE 191.--COLUMBIA BASIN-- WASHINGTON
 WASHOUGAL HATCHERY - WASHINGTON DEPARTMENT OF FISH
 RELEASE OF- CHERRY SALMON.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1958-70 1971	0	0 1,750	0 38.4	17.3		5/73	WASHOUGAL R	

TABLE 192.--COLUMBIA BASIN- WASHINGTON
NILE SPRINGS REARING POND- WASHINGTON DEPARTMENT OF FISH
RELEASE OF- SPRING CHINOOK SALMON.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1960-73 1974	-	8,500	1,556.7	181.4		3/76	YAKAMA R	

-- INDICATES HATCHERY NOT IN OPERATION

TABLE 193.--COLUMBIA BASIN-- WASHINGTON
PRIEST RAPIDS POND -- WASHINGTON DEPARTMENT OF FISH
RELEASE OF-- FALL CHINOOK SALMON.

80000 YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1958-66	-	-	-	-	-	-	-	-
1967	-	675,000	1,855.2	2.7		6/68	COL RIVER 6	
1968	-	2,990,000	13,428.1	4.4		6/69	COL RIVER 6	
1969	-	3,500,000	7,937.9	2.2		6/70	COL RIVER 6	
1970	-	1,800,000	6,488.0	3.6		6/71	COL RIVER 6	
1971	-	2,238,719	14,586.8	6.4		7/72	COL RIVER 6	
1972	-	721,800	3,450.1	4.7		7/73	COL RIVER 6	
1973	-	2,909,945	12,975.5	4.4	3.4- 5.2	6- 7/74	COL RIVER 6	
1974	-	1,284,855	14,910.0	11.6	11.3- 11.9	6- 7/75	COL RIVER 2	
1975	-	1,888,174	15,971.4	8.4	4.7- 12.2	7/76	COL RIVER 6	

-- INDICATES HATCHERY NOT IN OPERATION

TABLE 194.--COLUMBIA BASIN-- WASHINGTON
RINGOLD SALMON POND
RELEASE OF-- FALL CHINOOK SALMON.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1959-60	-	-	-	-	-	-	-	-
1961		15,948	82.1	5.1		5/62	COL RIVER 6	
1962		39,845	279.9	7.0		4/63	COL RIVER 6	
1963		195,906	773.8	3.9		5/64	COL RIVER 6	
1964		13,864	42.2	3.2		5/65	COL RIVER 6	
1965		165,175	574.7	3.4		5/66	COL RIVER 6	
1966		509,975	2,268.8	4.4	2.0- 4.8	4- 5/67	COL RIVER 6	
1967		1,808,711	13,230.8	7.3		5/68	COL RIVER 6	
1968		2,534,670	18,271.6	7.2		5/69	COL RIVER 6	
1969	0	0	0					
1970		2,305,504	19,366.6	8.3		4/71	COL RIVER 6	
1971		1,317,578	19,311.7	14.6	12.5- 26.6	5- 7/72	COL RIVER 6	
1972	0	0	0					
1973		1,747,500	56,132.1	32.1	0.2-453.5	5/74	COL RIVER 6	
1974	0	0	0					
1975		897,408	7,566.8	8.4	8.2- 9.8	6/76	COL RIVER 6	

-- INDICATES HATCHERY NOT IN OPERATION

TABLE 195.--COLUMBIA BASIN-- WASHINGTON
RINGOLD SALMON POND - WASHINGTON DEPARTMENT OF FISH
RELEASE OF- SPRING CHINOOK SALMON.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1958-60	-	-	-					
1961-70	0	8	0					
1971		39,150	4,932.4	125.9		12/72	COL RIVER 6	
1972		708,705	61,819.7	87.2		11/73	COL RIVER 6	
1973	0	0	0					
1974		520,000	71,475.3	137.4		1/76	COL RIVER 6	

-- INDICATES HATCHERY NOT IN OPERATION

TABLE 196.--COLUMBIA BASIN- WASHINGTON
RINGOLD SALMON POND - WASHINGTON DEPARTMENT OF FISH
RELEASE OF- COHO SALMON.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1958-60	-	-	-					
1961	0	0	0					
1962		35,083	510.7	14.5		9/63	COL RIVER 6	
1963		85,674	793.8	9.2		12/64	COL RIVER 6	
1964		160,684	518.0	3.2		18/65	COL RIVER 6	
1965		127,934	468.1	3.6		10/66	COL RIVER 6	
1966	0	0	0					
1967		321,615	9,725.5	30.2		1/69	COL RIVER 6	
1968		221,061	5,968.4	26.9		3/70	COL RIVER 6	
1969		264,262	9,438.4	35.7		1/71	COL RIVER 6	
1970		132,460	3,004.1	22.6		2/72	COL RIVER 6	

-- INDICATES HATCHERY NOT IN OPERATION

TABLE 197.--COLUMBIA BASIN- WASHINGTON
ROCKY REACH POND - WASHINGTON DEPARTMENT OF FISH
RELEASE OF- FALL CHINOOK SALMON.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1960-67	-	-	-	-	-	-	-	-
1968-73	0	0	0	0	0	0	0	0
1974		136,838	3,028.6	22.2	10.1- 25.1	9-10/75	COL RIVER 2	
1975		90,860	1,778.1	19.7		9/76	COL RIVER 8	

-- INDICATES HATCHERY NOT IN OPERATION

TABLE 198.--COLUMBIA BASIN- WASHINGTON
ROCKY REACH POND
RELEASE OF- COHO SALMON.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1958-67	-	-	-	-	-	-	-	-
1968		54,165	982.9	18.1		3/70	COL RIVER 8	
1969		188,800	1,814.4	18.1		3/71	COL RIVER 8	
1970		736,291	37,188.4	50.3		3/72	COL RIVER 8	
1971		388,125	11,736.7	30.2		5/73	COL RIVER 8	
1972		571,519	18,517.8	32.3		5/74	COL RIVER 8	
1973	504,800		435.4	0.8		7/74	ICICLE R	
1973		548,492	18,565.5	33.8		5/75	COL RIVER 2	
1974		481,674	13,298.9	33.1		5/76	COL RIVER 8	

-- INDICATES HATCHERY NOT IN OPERATION

TABLE 199.--COLUMBIA BASIN-- WASHINGTON
WELLS SALMON POND -- WASHINGTON DEPARTMENT OF FISH
RELEASE OF- FALL CHINOOK SALMON.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1960-66	-	-	-	-	-	-	-	-
1967-73	0	0	0	0	0	0	0	0
1974		824,110	3,934.9	4.7		7/75	COL RIVER 8	ENTIAI R
1974		85,698	1,823.4	21.2		10/75	COL RIVER 8	
1975		54,665	982.5	17.9		10/76	COL RIVER 8	

--" INDICATES HATCHERY NOT IN OPERATION

TABLE 200.--COLUMBIA BASIN-- WASHINGTON
HELLS SALMON POND - WASHINGTON DEPARTMENT OF FISH
RELEASE OF-- SPRING CHINOOK SALMON.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1968-66	-	-	-	-	-	-	-	-
1967-73	0	0	0	0	0	0	0	0
1974	1,842,000	284,700	4,219.8	4.0	4.0	6/75	COL RIVER	8
1974		155,824	7,596.3	26.6	26.6	6/75	COL RIVER	8
1974		668,398	7,813.1	50.3	50.3	3/76	COL RIVER	8
1975			9,187.1	13.7	13.7	6/76	COL RIVER	8

-- INDICATES HATCHERY NOT IN OPERATION

TABLE 201.--COLUMBIA BASIN-- WASHINGTON
WELLS SALMON POND
RELEASE OF-- SUMMER CHINOOK SALMON.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1958-66	-	-	-	-	-	-	-	-
1967		60,946	2,764.6	45.3		6/68	COL RIVER 8	
1967		2,877,432	3,417.4	1.6		6/68	COL RIVER 8	
1968		2,121,276	9,178.9	4.3		6/69	COL RIVER 8	
1969		268,000	1,665.1	6.2		6/70	COL RIVER 8	
1969		3,566,437	9,924.6	2.7		6/70	COL RIVER 8	
1970		359,880	7,401.7	20.6		7/71	COL RIVER 8	
1970		1,425,209	3,093.0	2.1		6/71	COL RIVER 8	
1971		1,801,213	3,680.0	2.0		6/72	COL RIVER 8	
1971		572,800	9,689.4	16.7		6/72	COL RIVER 8	
1972		808,517	9,483.9	11.6		6/73	COL RIVER 8	
1972		1,267,000	4,199.8	3.2		6/73	COL RIVER 8	
1973	1,575,000		6,676.9	4.2		6/74	COL RIVER 8	
1973		872,000	15,835.8	18.1		6/74	COL RIVER 8	

-- INDICATES HATCHERY NOT IN OPERATION

TABLE 202.--COLUMBIA BASIN- WASHINGTON
WELLS SALMON POND
RELEASE OF- COHO SALMON.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1958-66	-	-	-	-	-	11/68	COL RIVER 8	
1967		190,000	3,314.9	17.4				
1968-70	0	0	0					
1971	83,200	393,017	362.9	4.3		9/72	WENATCHEE R	
1971		275,627	13,713.8	34.8		5/73	COL RIVER 8	
1972		420,000	8,335.8	30.2		5/74	COL RIVER 8	
1973			10,583.7	25.1		5/75	COL RIVER 8	

-- INDICATES HATCHERY NOT IN OPERATION

TABLE 283.---COLUMBIA BASIN- WASHINGTON
BEAVER CREEK HATCHERY - WASHINGTON DEPARTMENT OF GAME
RELEASE OF- STEELHEAD TROUT.

BROND YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION	RELEASE LOCATION
1959		125,475	7,635.3	60.8		5/60	COL RIVER I		
1960		78,802	4,791.3	60.8		5/61	COL RIVER I		
1961		133,389	7,498.8	56.2		5/62	COL RIVER I		
1962		172,352	9,964.1	57.8		5/63	COL RIVER I		
1963		207,186	14,202.8	68.5		5/64	COL RIVER I		
1964		392,539	27,759.9	70.7	56.6-113.3	5/65	COL RIVER I		
1964	S	138,020	6,799.3	49.2	41.2-64.7	4- 5/65	COL RIVER I		
1965		634,664	38,349.8	60.4	50.3-75.5	4- 5/66	COL RIVER I		
1965		88,765	5,003.1	56.3	50.3-64.7	4- 5/66	COL RIVER I		
1965	S	33,975	1,557.2	46.1	45.3-64.7	4- 5/66	WIND R		
1966		27,900	298.3	10.4		10/66	LEWIS R		
1966		640,451	40,861.4	63.8	50.3-64.7	4- 5/67	COL RIVER I		
1966	S	175,986	11,833.3	67.2	55.6-90.7	4- 5/67	WIND R		
1967		538,958	34,591.0	64.1		4- 5/68	COL RIVER I		KLICKITAT R
1967	S	172,202	12,686.1	73.6	56.5-90.7	4- 5/68	KLICKITAT R		
1968			499.0	18.1		10/68	LEWIS R		
1968		696,611	42,791.9	61.4	56.5-75.5	4- 5/69	COL RIVER I		
1968	S	123,180	7,212.1	58.5	50.3-75.5	4- 5/69	WIND R		
1969			381.0	6.0		10/69	LEWIS R		KLICKITAT R
1969		776,482	54,299.5	69.9	45.3-90.7	4- 5/70	COL RIVER I		
1969	S	82,745	5,774.2	69.7		4- 5/70	KLICKITAT R		
1970			190.5	3.8		10/70	COL RIVER I		
1970		669,148	42,941.6	64.1	50.3-75.5	4- 5/71	COL RIVER I		
1971			544.3	6.9		9/71	LEWIS R		
1971			601.0	5.6		11/71	LEWIS R		
1972		649,584	40,763.9	62.7		4- 5/72	COL RIVER I		
1972			952.5	6.4		10/72	COL RIVER I		
1972		723,859	56,642.3	78.2		4- 5/73	COL RIVER I		
1973			530.7	20.4		3/74	ELOKOMIN R		
1973		248,339	16,252.2	67.6		4- 5/74	LEWIS R		
1973		99,773	7,155.4	71.7		4- 5/74	ABERNATHY CR		GRAYS R
1973		108,672	7,470.7	68.7		4- 5/74	COL RIVER I		WASHOUGAL R
1973		40,402	2,837.2	70.2		4- 5/74	SCSTL WASH		
1974		111,696	8,337.8	74.6		4- 5/75	LEWIS R		
1974		97,372	6,996.7	71.8		4- 5/75	CONLITZ R		
1974		105,501	7,599.9	72.0		4- 5/75	COL RIVER I		GRAYS R
1974		40,084	2,950.6	73.6		4/75	WASHOUGAL R		
1974		19,710	1,220.2	61.9		5/75	ABERNATHY CR		
1974		29,670	2,317.9	78.1		4/75	SCSTL WASH		
1975		195,859	15,771.4	80.5		4- 5/76	KALAMA R		
1975		107,682	8,257.6	76.6		4- 5/76	CONLITZ R		
1975		106,081	8,035.4	80.3		4- 5/76	ABERNATHY CR		
1975		46,884	3,583.4	76.4		4- 5/76	WASHOUGAL R		ELOKOMIN R
1975		47,210	3,565.2	75.5		4- 5/76	COL RIVER I		
1975		30,914	2,592.3	83.8		4/76	SCSTL WASH		

TABLE 204.--COLUMBIA BASIN- WASHINGTON
BEAVER CREEK HATCHERY - WASHINGTON DEPARTMENT OF GAME
RELEASE OF- SEARUN CUTTHROAT TROUT

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1960		6,858	353.3	51.5	50.3- 56.6	5/61	COL RIVER I	
1961	0	0	0					
1962		6,383	366.5	57.4		5/63	COL RIVER I	
1963		82,528	4,533.7	54.9		5/64	ELOKOMIN R	
1964		85,983	6,162.5	71.7		5/65	ELOKOMIN R	
1965		41,505	3,050.4	73.4	64.7- 75.5	5/66	ELOKOMIN R	
1966		119,421	10,833.6	90.7		5/67	ELOKOMIN R	
1967		121,235	11,700.4	96.5	75.5-113.3	5/68	ELOKOMIN R	
1968		35,336	3,418.1	96.5	75.5-113.3	5/69	ELOKOMIN R	
1969		49,998	4,825.3	96.5	98.7-113.3	5/70	ELOKOMIN R	
1970		40,120	3,639.6	90.7	64.7-113.3	5/71	ELOKOMIN R	
1971		22,825	2,588.2	113.3	90.7-113.3	5/72	ELOKOMIN R	
1972		26,968	4,076.4	151.2	113.3-226.7	5/73	ELOKOMIN R	
1973		4,320	489.9	113.4		5/74	ELOKOMIN R	

TABLE 205.--COLUMBIA BASIN-- WASHINGTON
CHELAN PUD HATCHERY - WASHINGTON DEPARTMENT OF GAME
RELEASE OF-- STEELHEAD TROUT.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	Avg. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION	RELEASE LOCATION
1959-60	0	0	0						
1961	S	22,628	906.7	40.0		5/62	COL RIVER 8		
1962	S	47,574	2,084.7	43.8		5/63	COL RIVER 8		
1963	S	136,920	6,798.0	49.6		5/64	COL RIVER 8		
1964	S	26,217	167.8	6.4	5.2- 6.6	1/65	COL RIVER 8		
1964	S	224,669	10,337.4	46.0		5/65	COL RIVER 8		
1965	S	27,168	298.5	10.9	6.1- 20.6	1-12/66	COL RIVER 8		
1965	S	219,823	11,178.3	50.8		5/66	COL RIVER 8		
1966	S	8,120	65.8	8.1		12/67	COL RIVER 8		
1966	S	200,676	15,124.6	75.3	56.6- 90.7	4- 5/67	COL RIVER 8		
1967	S	22,288	156.8	6.9	5.8- 7.1	10/68	COL RIVER 8		
1967	S	195,409	10,306.1	52.7	37.7- 90.7	4- 5/68	COL RIVER 8		
1968	S	10,065	215.5	21.4	18.1- 34.8	4/69	WENATCHEE R		
1968	S	207,875	15,159.1	72.9	56.6- 90.7	4- 5/69	COL RIVER 8		
1969	S	7,700	131.5	17.0		2/70	COL RIVER 8		
1969	S	208,921	11,816.1	56.5	37.7-113.3	4- 5/70	COL RIVER 8		
1970	S	15,199	121.1	7.9	7.5- 8.2	12/70	COL RIVER 8		
1970	S	15,730	274.4	17.4		2/71	COL RIVER 8		
1970	S	202,728	11,668.7	57.5	45.3- 56.6	4/71	COL RIVER 8		
1971	S	7,579	64.9	8.5		12/71	COL RIVER 8		
1971	S	12,376	215.9	17.4		2/72	COL RIVER 8		
1971	S	212,143	16,079.8	75.7	64.7- 90.7	4/72	COL RIVER 8		
1972	S	33,015	210.9	6.3		7/72	COL RIVER 8		
1972	S	29,975	512.1	17.0	16.7- 17.4	12/72	COL RIVER 8		
1972	S	217,938	17,286.4	79.3	64.7- 90.7	4/73	COL RIVER 8		
1973	S	10,992	207.7	18.8		1/74	COL RIVER 8		
1973	S	211,715	14,292.2	67.5		4/74	ENTIAI R	ICICLE R	WENATCHEE R
1974	S	31,320	197.3	6.2		6/74	COL RIVER 8		
1974	S	184,230	13,764.3	74.7		4- 5/75	ENTIAI R	WENATCHEE R	
1975	S	44,122	3,996.1	90.5		4/76	ENTIAI R		
1975	S	149,553	11,591.6	77.5		4/76	WENATCHEE R		
1976	S	18,158	434.1	23.9		12/76	COL RIVER 8		

TABLE 206.---COLUMBIA BASIN-- WASHINGTON
COLUMBIA BASIN HATCHERY - WASHINGTON DEPARTMENT OF GAME
RELEASE OF- STEELHEAD TROUT.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1959	-	-	-	-	-	-	-	-
1960	S	73,769	3,548.9	48.1		5/61	COL RIVER 7	
1961	M	91,525	5,159.5	56.3		5/62	COL RIVER 7	
1961	M	11,060	716.7	64.8		4/62	COL RIVER 7	
1962	S	44,580	136.1	3.0		10/62	COL RIVER 7	
1962	S	116,880	4,080.1	34.9		5/63	COL RIVER 7	
1962	S	9,720	357.4	37.7		8/63	COL RIVER 7	
1963	S	76,615	3,456.4	45.1		5/64	COL RIVER 7	
1964	S	87,440	4,105.8	46.9		5/65	COL RIVER 7	
1965	S	13,650	35.4	2.5		10/65	COL RIVER 7	
1966	S	86,697	4,106.4	47.3		5/67	COL RIVER 7	
1967	S	86,090	2,946.1	34.2		4- 6/68	COL RIVER 7	
1968	S	36,885	1,916.4	52.0		4- 5/69	COL RIVER 7	
1969	S	45,240	2,565.1	56.6		4/70	COL RIVER 7	
1970	S	30,430	1,623.9	53.3		4/71	COL RIVER 7	
1970	S	20,800	1,067.3	53.3		4/71	COL RIVER 7	
1971	S	17,770	80.3	4.5		10/71	COL RIVER 7	
1971	S	33,870	2,560.5	75.5		4/72	COL RIVER 7	
1972	S	14,720	84.4	5.7		9-10/72	COL RIVER 7	
1972	S	48,228	4,374.9	90.7		5/73	COL RIVER 7	
1973-75		0	0					
1976	S	22,672	47.2	2.0		7/76	COL RIVER 7	

--" INDICATES HATCHERY NOT IN OPERATION

TABLE 207.--COLUMBIA BASIN- WASHINGTON
 COMLITZ TROUT HATCHERY - WASHINGTON DEPARTMENT OF GAME
 RELEASE OF- STEELHEAD TROUT.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1959-65	-	-	-	-	-	-	-	-
1966	W	211,440	13,392.3	63.3		4- 5/67	COMLITZ R	
1967	W	179,006	13,532.0	75.5	45.3-226.7	4- 5/68	COMLITZ R	
1968	S	564,860	36,682.2	64.7	45.3- 90.7	4- 5/69	COMLITZ R	
1969	W	594,526	38,524.5	64.7	56.5- 75.5	4- 5/70	COMLITZ R	
1970	W	69,000	263.1	3.8		10/70	COMLITZ R	
1970	W	751,836	33,280.1	44.2	34.8- 56.6	4- 6/71	COMLITZ R	
1970	W	12,060	607.8	50.3		5/71	COMLITZ R	
1970	S	155,670	5,588.3	35.8	16.1-226.7	5/71	COMLITZ R	
1971	W		878.6	3.9	0.9- 7.3	9-11/71	COMLITZ R	
1971	W	529,762	28,449.8	53.7	14.1- 90.7	3- 5/72	COMLITZ R	
1971	S	291,607	15,236.2	52.2	41.2- 56.6	4- 5/72	COMLITZ R	
1972	W	117,960	251.3	2.1	1.8- 9.0	5- 6/72	COMLITZ R	
1972	W		51,466.9	56.5	50.3- 90.7	4- 6/73	COMLITZ R	
1972	W	185,750	5,329.7	50.3	45.3- 90.7	4- 6/73	COMLITZ R	
1973	S	34,700	344.7	9.9		3/74	COMLITZ R	
1973	W	678,619	34,975.1	51.5		4- 5/74	COMLITZ R	
1973	S	280,921	13,626.4	48.5		5/74	COMLITZ R	
1974	S	115,970	331.1	2.8		9/74	COMLITZ R	
1974	W	148,860	444.5	3.0		8-11/74	COMLITZ R	
1974	W	666,911	39,099.7	58.6		4- 5/75	COMLITZ R	
1974	S	350,512	18,380.6	52.4		5/75	COMLITZ R	
1975	W	646,171	45,948.0	71.1		5/76	COMLITZ R	
1975	W	121,706	6,504.5	53.4		5/76	COMLITZ R	

TOUTLE R

TABLE 200.--COLUMBIA BASIN- WASHINGTON
 COWLITZ TROUT HATCHERY - WASHINGTON DEPARTMENT OF GAME
 RELEASE OF- SEARUM CUTTHROA TROUT

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1959-66	-	-	-	-	-	-	-	-
1967		45,000	2,551.5	56.7		5/68	COWLITZ R	
1968		115,563	6,949.0	60.0		5/69	COWLITZ R	
1969		164,207	8,252.2	50.3	37.7- 75.5	4- 5/70	COWLITZ R	
1970		206,798	15,554.1	75.2		4- 5/71	COWLITZ R	
1971		35,870	2,582.8	72.0		4- 5/72	COWLITZ R	
1972		71,270	3,439.1	48.2		4- 5/73	COWLITZ R	
1973		46,822	2,669.3	56.8		4/74	COWLITZ R	
1974		52,180	2,515.2	48.2		4/75	COWLITZ R	
1975	86,379		2,244.4	25.9		1- 2/76	COWLITZ R	
1975		41,924	3,026.4	72.1		4- 5/76	COWLITZ R	

-- INDICATES HATCHERY NOT IN OPERATION

TABLE 209.--COLUMBIA BASIN- WASHINGTON
GOLDENDALE HATCHERY - WASHINGTON DEPARTMENT OF GAME
RELEASE OF- STEELHEAD TROUT.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1959	S		14,000	82.6		5/60	Klickitat R	
1960	S		9,468	41.2		5/61	Klickitat R	
1961	S		31,755	41.4		5/62	Klickitat R	
1962		0	0					
1963	S		153,660	69.1		5/64	Klickitat R	
1964	S		120,276	39.8		5/65	Klickitat R	
1965	S		122,748	53.5		5/66	Klickitat R	
1966	S		111,286	75.5	54.7- 90.7	4- 5/67	Klickitat R	
1966	S		65,080	56.6	50.3- 64.7	4- 5/67	WIND R	
1967	S		172,280	75.5	54.7- 90.7	4- 5/68	Klickitat R	
1968	S		182,889	68.4	56.6- 64.7	4- 5/69	Klickitat R	
1968	S		69,798	51.1	45.3- 75.5	4- 5/69	WIND R	
1969	S		172,818	63.0		4- 5/70	Klickitat R	
1970	S		92,283	68.4	54.7- 75.5	4/71	Klickitat R	
1970	S		38,882	74.7	64.7- 75.5	4/71	WASHOUGAL R	

TABLE 210.--COLUMBIA BASIN- WASHINGTON
MOSSYROCK HATCHERY - WASHINGTON DEPARTMENT OF GAME
RELEASE OF- STEELHEAD TROUT.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1959-67	0	0	0					
1968	1,200		9.1	7.5		8/68	COMLITZ R	
1969	22,880		10.8	0.4		6/69	COMLITZ R	
1970-71	8	0	0					
1972	40,500		36.7	0.9		6/72	COMLITZ R	
1973	0	0	0					
1974	54,800		45.4	8.8		5/74	COMLITZ R	
1974		24,860	1,528.6	63.5		4- 5/75	NCSTL WASH	
1974		4,000	453.5	113.4		6/75	S PUGT SND TRB	
1975		37,560	2,122.8	56.5		5/76	S PUGT SND TRB	

TABLE 211.--COLUMBIA BASIN-- WASHINGTON
MOSSYROCK HATCHERY - WASHINGTON DEPARTMENT OF GAME
RELEASE OF-- SEARUN CUTTHROAT TROUT

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION	RELEASE LOCATION
1959-64	0	0	0						
1965		57,170	5,425.8	94.0	90.7-113.3	6/66	NCSTL WASH	S PUGT SND TRB	
1966		59,497	3,123.8	52.4		4- 6/67	NCSTL WASH	S PUGT SND TRB	
1966		7,100	755.2	106.3	90.7-113.3	5- 6/67	COMLITZ R		
1967		60,788	5,058.5	83.3	55.5-113.3	4- 7/68	NCSTL WASH	S PUGT SND TRB	
1968		72,990	7,418.5	101.6	90.7-113.3	4- 6/69	NCSTL WASH	S PUGT SND TRB	
1969		2,610	218.9	80.8		6/70	COMLITZ R		
1969		68,803	5,431.8	89.3	56.5-113.3	4- 6/70	NCSTL WASH	S PUGT SND TRB	
1970		7,800	453.6	64.8		6/71	COMLITZ R		
1970		63,452	4,758.2	74.9	56.5-113.3	4- 6/71	NCSTL WASH	S PUGT SND TRB	
1971		10,508	952.5	90.7		4/72	DESCHUTES R		
1972		54,527	7,423.8	136.1	113.3-151.1	5- 6/73	NCSTL WASH	S PUGT SND TRB	
1973		60,022	4,842.1	80.6		5- 6/74	NCSTL WASH	S PUGT SND TRB	
1974		1,280	145.1	113.3		5/75	Klickitat R		
1974		14,970	1,612.5	107.7		5/75	NCSTL WASH		
1974		37,084	4,286.4	115.5		5- 6/75	S PUGT SND TRB		
1975		6,130	581.5	94.8		5- 6/76	COMLITZ R		
1975		35,048	3,828.8	109.2		5- 6/76	S PUGT SND TRB		

TABLE 212.--COLUMBIA BASIN-- WASHINGTON
NACHES HATCHERY
RELEASE OF-- STEELHEAD TROUT.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1959	S		2,245.3	48.8		5/60	YAKAMA R	
1960	S		1,968.6	58.0		5/61	YAKAMA R	
1961		0	0					
1962	S		1,333.6	41.7		5/63	YAKAMA R	
1963	S		1,156.7	64.3		5/64	YAKAMA R	
1964	S		68.8	1.5		10/64	YAKAMA R	
1964	S	43,000	929.9	68.3		5/65	YAKAMA R	
1964	S		1,551.3	47.4		5/66	YAKAMA R	
1965	S		3,184.2	53.8		5/67	YAKAMA R	
1966	S		99.8	4.5		10/67	YAKAMA R	
1967	S	22,000	2,512.9	48.9		5/68	YAKAMA R	
1967	S		2,277.0	52.9		5/69	YAKAMA R	
1968	S		2,492.5	46.8		5/70	YAKAMA R	
1969	S		3,261.3	57.1	45.3- 75.5	4/71	YAKAMA R	
1970	S		36.3	2.9		7/71	YAKAMA R	
1971	S	12,240	2,195.4	64.6		4/72	YAKAMA R	
1971	S		2,374.6	64.8		4/73	YAKAMA R	
1972	S		3,783.0	64.7		4/74	YAKAMA R	
1973	S		2,249.8	83.9		4/75	KLICKITAT R	
1974	S		4,749.1	73.9		4/75	YAKAMA R	
1974	S		2,308.8	64.7		4/76	KLICKITAT R	
1975	S		2,830.4	55.8		4- 5/76	YAKAMA R	
1975	S		50,700					

TABLE 213.--COLUMBIA BASIN- WASHINGTON
SKAMANIA HATCHERY - WASHINGTON DEPARTMENT OF GAME
RELEASE OF- FALL CHINOOK SALMON.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1959-62	0	0	0					
1963	1,855,900		1,229.7	0.6		3/64	WILLAMETTE R O	
1964	2,289,000		1,232.9	0.5		3/65	WILLAMETTE R O	
1965	0	0	0					
1966		2,030,700	3,267.7	1.6		5/67	WILLAMETTE R O	

TABLE 214.--COLUMBIA BASIN-- WASHINGTON
SKAMANIA HATCHERY - WASHINGTON DEPARTMENT OF GAME
RELEASE OF-- STEELHEAD TROUT.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1958		19,830	2,004.9	101.1	90.7-113.3	3-	4/60	COL RIVER 2
1958		38,750	2,710.2	69.9	50.3- 90.7	3-	3/68	COL RIVER 2
1959		399,775	19,763.0	49.4	37.7- 64.7	3-	5/60	COL RIVER 2
1959		28,657	2,488.6	84.0	75.5- 90.7	9/60		COL RIVER 2
1959		54,250	2,469.8	45.5	37.7- 64.7	3/61		COL RIVER 3
1959		89,350	7,012.5	78.4	50.3-113.3	3/61		COL RIVER 2
1960		239,130	13,215.4	55.2	50.3- 75.5	4/61		COL RIVER 2
1960		105,408	4,431.6	42.0	41.2- 56.6	5/62		COL RIVER 2
1960		31,188	1,746.3	56.1	50.3- 64.7	10/61		COL RIVER 3
1960		88,550	6,427.4	72.5	50.3-113.3	10/61		COL RIVER 2
1960		66,735	3,234.1	48.4	45.3- 64.7	4/62		COL RIVER 3
1960		160,500	9,774.9	60.9	41.2-113.3	4/62		COL RIVER 2
1961		145,195	7,713.3	53.1	45.3- 75.5	4-	5/62	COL RIVER 2
1961		150,300	10,069.8	66.9	64.7-113.3	4/63		COL RIVER 3
1961		29,520	2,503.8	84.8	75.5- 90.7	4/63		COL RIVER 2
1962		5,140	254.8	49.4		4/63		COL RIVER 3
1962		244,340	13,755.2	56.2	45.3- 56.6	4-	5/63	COL RIVER 2
1962		14,500	1,644.3	113.4		4/64		COL RIVER 2
1962		104,654	7,773.2	74.2	45.3- 90.7	5/63		COL RIVER 2
1962		58,843	3,828.3	76.5	64.7-113.3	4-	5/64	COL RIVER 3
1962		187,214	16,488.1	88.0	75.5-113.3	4-	5/64	COL RIVER 2
1963		354,569	29,390.5	82.8	50.3-113.3	4-	5/64	COL RIVER 2
1963		16,555	1,072.7	64.7		4-	5/64	COL RIVER 3
1963		154,463	10,355.5	67.0	56.5- 75.5	4-	5/64	COL RIVER 2
1963		54,000	4,334.1	80.2	75.5- 90.7	4/65		COL RIVER 2
1964		353,870	26,129.2	74.0	45.3-113.3	4-	5/65	COL RIVER 2
1964		17,915	2,249.8	125.5		4/66		COL RIVER 2
1964		71,710	3,783.0	52.7	45.3- 64.7	5/65		COL RIVER 3
1964		197,415	11,793.4	59.7	45.3- 64.7	5/65		COL RIVER 2
1964		67,635	9,169.4	135.5	113.3-151.1	4/66		COL RIVER 2
1965	28,960		823.3	28.4		5/66		TOUTLE R
1965		226,478	12,541.8	55.3	37.7- 75.5	4-	5/66	COL RIVER 2
1965			2,154.6	15.7	10.0- 22.6	5/66		TOUTLE R
1965	137,000		1,496.9	45.3		5/66		COL RIVER 3
1965		33,000				5/66		COL RIVER 2
1965		299,040	14,143.8	47.2	34.8- 50.3	5/66		COL RIVER 2
1965		120,725	12,292.4	101.8	75.5-113.3	4-	5/67	COL RIVER 2
1966			288.0	19.2		5/67		WASHOUGAL R
1966	14,970		8,373.3	59.4	50.3- 64.7	4-	5/67	COL RIVER 2
1966		140,920	601.8	56.6		5/67		COL RIVER 3
1966		10,600	20,223.4	60.5	56.5- 64.7	4-	5/67	COL RIVER 2
1966		333,975	7,448.0	107.5	90.7-151.1	4-	5/68	COL RIVER 2
1966		69,250	3,744.4	50.4	45.3- 56.6	5/68		COL RIVER 2
1967		74,195	768.8	7.2		11/67		LEWIS R
1967	105,630		5,846.8	59.7	56.5- 64.7	4/68		COL RIVER 3
1967		97,835	36,174.0	51.6	50.3- 75.5	4-	5/68	COL RIVER 2
1967		700,330	3,467.7	75.9		4-	5/69	COL RIVER 2
1968		45,678	167.8	10.2				LEWIS R
1968	16,400							

TABLE 214.--CONTINUED.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1968	S		19,157.5	54.4	50.3- 56.6	4- 5/69	COL RIVER 2	
1968	S	351,780	42,646.8	122.0	113.3-151.1	4/70	COL RIVER 2	
1969	S	347,170	6,785.7	70.5	64.7- 75.5	4/70	COL RIVER 3	
1969	S	96,250	27,451.4	66.5	64.7- 90.7	5/70	COL RIVER 2	
1969	S	412,325	11,952.6	155.4	113.3-151.1	4/71	COL RIVER 2	
1970	S	76,910	7,391.3	55.9		4- 5/71	COL RIVER 3	
1970	S	132,195	37,913.5	56.4		5/71	COL RIVER 2	
1970	S	671,927	2,522.8	125.7	113.3-151.1	4/72	COL RIVER 3	
1970	S	20,062	12,837.6	140.7	113.3-151.1	5/72	COL RIVER 2	
1971	S	91,220	8,983.4	59.0	56.6- 64.7	5/72	COL RIVER 3	
1971	S	150,110	31,189.6	65.1	56.6- 75.5	5/72	COL RIVER 2	
1971	S	477,225	7,810.9	154.5		4- 5/73	COL RIVER 3	
1971	S	50,546	8,291.7	57.8	56.5- 64.7	4- 5/73	COL RIVER 3	
1972	S	143,365	38,411.1	58.2	56.6- 75.5	4- 5/73	COL RIVER 2	
1972	S	521,685	4,088.2	25.7		3- 6/74	LEWIS R	
1973	S	158,461	24,106.2	64.6		5/74	KALAMA R	LEWIS R
1973	S	373,155	14,681.9	64.2		4- 5/74	KALAMA R	WASHOUGAL R
1973	S	228,583	14,585.3	64.2		5/75	KALAMA R	LEWIS R
1974	S	227,885	5,080.2	50.4		4- 5/75	TOUTLE R	
1974	S	100,618	1,685.1	67.4		4/75	Klickitat R	
1974	S	25,008	4,719.6	62.0		4/75	WIND R	
1974	S	76,188	6,570.3	66.1		4- 5/75	SKAMANIA	
1974	S	99,320	8,650.0	65.4		5/76	TOUTLE R	
1975	S	132,220	12,666.6	66.2		4- 5/76	LEWIS R	
1975	S	191,235	1,745.4	69.8		4- 5/76	Klickitat R	
1975	S	25,800	7,123.7	71.2		4- 5/76	WASHOUGAL R	
1975	S	100,045	5,229.9	68.4		4- 5/76	WIND R	
1975	S	76,450						

TABLE 215.--COLUMBIA BASIN- WASHINGTON
TUCANNON HATCHERY - WASHINGTON DEPARTMENT OF GAME
RELEASE OF- STEELHEAD TROUT.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION	RELEASE LOCATION
1959-70	-	-	-	-	-	-	-	-	-
1971	S	36,122	1,670.1	46.2	37.7- 50.3	4- 5/72	TUCANNON R		
1972	S	62,006	4,170.3	66.3	64.7- 75.5	4- 5/73	TUCANNON R		
1973	S	53,634	4,014.3	74.8		4- 5/74	GRANDE RONDE R		
1974	S		79.4	6.4		4- 8/74	COL RIVER 6		
1974	S	87,344	6,119.4	70.8		4- 5/75	SNAKE R		
1975	S	97,587	5,901.2	60.4		4- 5/76	SNAKE R		COL RIVER 6

-- INDICATES HATCHERY NOT IN OPERATION

TABLE 216.--COLUMBIA BASIN-- WASHINGTON
VANCOUVER HATCHERY - WASHINGTON DEPARTMENT OF GAME
RELEASE OF-- STEELHEAD TROUT.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1959	W	138,120				8- 9/60	COL RIVER 2	
1960	W		569.7	4.1		3- 5/61	COL RIVER 2	
1961	W	268,680	15,145.4	56.3		3- 5/62	COL RIVER 2	
1962	W	226,987	18,483.9	80.7		3- 6/63	COL RIVER 2	
1962	S	146,888	9,750.9	66.3		4- 5/63	COL RIVER 2	
1963	W	119,868	6,152.5	51.6		4/64	COL RIVER 2	
1963	W	71,334	5,248.1	73.5		4/64	COL RIVER 2	
1963	S	152,641	8,838.2	57.9		3/65	COL RIVER 2	
1964	W	198,099	14,986.7	75.6		3/65	COL RIVER 2	
1964	S	86,770	4,168.5	48.0		4/73	ELOKOMIN R	
1965-71		0	0			4/74	ELOKOMIN R	
1972	W	15,555	2,014.8	129.4		4/76	ELOKOMIN R	
1973	W	11,788	1,406.1	119.3				
1974		0	0					
1975	W	17,526	1,152.1	65.7				

TABLE 217.--COLUMBIA BASIN-- WASHINGTON
VANCOUVER HATCHERY - WASHINGTON DEPARTMENT OF GAME
RELEASE OF-- SEARUN CUTTHROAT TROUT

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL HEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1958-64	0	0	0					
1965		8,180	1,270.1	156.8		4/66	WASHOUGAL R	
1965		6,300	635.0	100.7		4/66	KLICKITAT R	
1965		31,110	2,987.4	96.0		4/66	COL RIVER 2	COL RIVER 2
1966		22,445	2,263.4	100.8		5/67	SCSTL WASH	
1966		56,832	5,867.2	104.7		5/67	COL RIVER 2	
1967		81,964	9,579.9	116.8		5/68	COL RIVER 2	
1968		48,739	5,325.2	109.2		5/69	LEWIS R	
1968		61,639	7,189.4	116.6		5/69	COL RIVER 2	
1969		4,950	680.4	137.4		5/70	LEWIS R	
1969		88,553	11,081.7	137.5		5/70	COL RIVER 2	
1970		12,984	1,242.8	95.7		5/71	LEWIS R	TOUTLE R
1970		97,396	8,659.1	88.9		5/71	COL RIVER 2	
1971		16,280	2,197.7	134.9		5/72	LEWIS R	TOUTLE R
1971		84,180	9,534.5	113.2		5/72	COL RIVER 2	
1972		12,530	1,560.4	124.5		5/73	LEWIS R	TOUTLE R
1972		91,634	11,909.1	129.9		5/73	COL RIVER 2	
1973		99,188	11,292.2	113.8		5/74	COL RIVER 2	
1974		86,139	12,232.0	142.0		5/75	COL RIVER 2	
1975		103,618	12,074.6	116.3		6/76	COL RIVER 2	
							ELOKOMIN R	COWLITZ R

TABLE 218.--COLUMBIA BASIN- WASHINGTON
WELLS TROUT HATCHERY - WASHINGTON DEPARTMENT OF GAME
RELEASE OF- STEELHEAD TROUT.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION	RELEASE LOCATION
1959-67	-	-	-	-	-	-	-	-	-
1968	S	116,736	7,409.4	63.4		4- 5/69	METHOW R	OKANOGAN R	
1969	S	205,677	13,254.8	64.4		4- 5/70	METHOW R	OKANOGAN R	
1970	S	84,963	4,862.1	57.2		4/71	METHOW R	OKANOGAN R	
1971	S	42,284	34.0	0.8		5/71	COL RIVER S		
1971	S	155,839	9,897.4	63.5		4/72	METHOW R	OKANOGAN R	
1972	S	156,946	9,888.3	63.0		4/73	METHOW R	OKANOGAN R	
1973	S	64,828	4,834.7	63.0		5/74	COL RIVER S	METHOW R	
1974	S	99,884	1,677.8	16.7		12/74	COL RIVER S		
1974	S	247,169	16,523.9	66.8		4/75	COL RIVER S		
1974	S	14,775	1,367.6	92.5		4/75	WASHOUGAL R	METHOW R	
1975	S	30,270	679.9	22.4		1- 2/76	COL RIVER S		
1975	S	262,583	19,234.1	73.2		4- 5/76	COL RIVER S	METHOW R	
1975	S	14,471	1,120.4	77.4		4/76	WASHOUGAL R		

--S-- INDICATES HATCHERY NOT IN OPERATION

TABLE 219.--COLUMBIA BASIN-- WASHINGTON
YAKIMA HATCHERY -- WASHINGTON DEPARTMENT OF GAME
RELEASE OF-- STEELHEAD TROUT.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION	RELEASE LOCATION
1959	0	0	0						
1960	S	37,340	2,417.6	64.7		5/61	YAKAMA R		
1961	S	65,685	2,914.3	44.3		5/62	YAKAMA R		
1962	S	185,691	6,882.7	57.5		5/63	YAKAMA R		
1963	S	112,485	6,116.7	54.3		5/64	YAKAMA R		
1964	S	50,345	138.3	2.7		10/64	YAKAMA R		
1964	S	38,580	2,494.8	64.8		5/65	YAKAMA R		
1965	S	86,598	4,789.9	55.3		5/66	YAKAMA R		
1966	S	65,861	3,522.1	53.4		5/67	YAKAMA R		
1967	S	96,810	5,488.5	56.6		5/68	YAKAMA R		
1968	S	83,570	4,735.5	56.6		4- 5/69	YAKAMA R		
1969	S	83,478	5,409.1	64.8		4- 5/70	YAKAMA R		
1970	S	35,245	1,575.8	44.7	22.6- 58.3	4/71	YAKAMA R		
1971	S	5,100	13.6	2.6		7/71	YAKAMA R		
1971	S	39,380	2,288.4	58.1		4/72	YAKAMA R		
1972	S	36,935	2,365.5	64.0	45.3- 64.7	4/73	YAKAMA R		
1973	S	21,635	1,594.4	73.6		4/74	YAKAMA R		
1974	S	0	0						
1975	S	3,348	210.9	62.9		5/76	S PUGT SND TRB		

TABLE 220.--COLUMBIA BASIN- WASHINGTON
 ALDER CREEK POND - WASHINGTON DEPARTMENT OF GAME
 RELEASE OF- STEELHEAD TROUT.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION	RELEASE LOCATION
1960-72	-	-	-	-	-	-	-	-	-
1973 W	-	48,000	3,958.5	82.4		4/74	TOUTLE R		
1973 S	-	49,000	4,041.1	82.4		4/74	TOUTLE R		
1974 W	-	33,000	2,302.4	69.7		5/75	TOUTLE R		
1974 S	-	54,015	3,769.4	69.7		5/75	TOUTLE R		
1975 W	-	33,000	2,494.8	75.6		5/76	TOUTLE R		
1975 S	-	31,998	2,419.8	75.5		5/76	TOUTLE R		

--" INDICATES HATCHERY NOT IN OPERATION

TABLE 221.--COLUMBIA BASIN- WASHINGTON
GOBAR REARING POND - WASHINGTON DEPARTMENT OF GAME
RELEASE OF- STEELHEAD TROUT.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1960-73	-	-	-	-	-	-	-	-
1974 S	-	48,950	4,037.0	82.4	-	4/75	KALAMA R	-
1975 S	-	94,044	6,996.7	74.3	-	5/76	KALAMA R	-

-- INDICATES HATCHERY NOT IN OPERATION

TABLE 222.--COLUMBIA BASIN- WASHINGTON
NELSON BRIDGE POND - WASHINGTON DEPARTMENT OF GAME
RELEASE OF- STEELHEAD TROUT.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1959-63	-	-	-	-	-	-	-	-
1964	S	51,615	3,152.5	61.0		5/65	YAKAMA R	
1965	S	30,495	1,841.6	60.3		5/66	YAKAMA R	
1966	S	42,460	2,767.4	65.1		5/67	YAKAMA R	
1967	S	43,928	2,490.2	56.6		5/68	YAKAMA R	
1968	S	50,950	3,297.6	64.7		5/69	YAKAMA R	
1969	S	114,505	7,286.1	63.6		5/70	YAKAMA R	
1970	S	51,000	3,259.5	63.9		5/71	YAKAMA R	
1971	S	65,000	5,896.7	90.7		4/72	YAKAMA R	
1972	S	60,357	3,900.9	64.6		4/73	YAKAMA R	

-- INDICATES HATCHERY NOT IN OPERATION

TABLE 223.--COLUMBIA BASIN-- WASHINGTON
RINGOLD TROUT POND - WASHINGTON DEPARTMENT OF GAME
RELEASE OF-- STEELHEAD TROUT.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1959-61	-	-	-	-	-	-	-	-
1962	S	51,767	2,662.6	51.4		5/63	COL RIVER 6	
1963	S	64,884	4,015.2	61.8		5/64	COL RIVER 6	
1964	S	90,919	4,762.7	52.3		5/65	COL RIVER 6	
1965	S	168,755	10,698.9	66.5		5/66	COL RIVER 6	
1966	S	188,780	11,035.9	61.0		5/67	COL RIVER 6	
1967	S	219,680	8,714.4	39.6	34.8- 41.2	3/68	COL RIVER 6	
1968	S	151,184	8,113.9	53.6		5/69	COL RIVER 6	
1969	S	308,116	17,263.7	56.0		5/70	COL RIVER 6	
1970	S	89,295	4,926.8	55.1	50.3- 56.6	4/71	COL RIVER 6	
1971	S	205,700	15,550.1	75.5		4- 5/72	COL RIVER 6	
1972	S	237,595	22,151.2	93.2		4- 5/73	COL RIVER 6	
1973	S	260,414	20,001.2	76.8		4- 5/74	COL RIVER 6	
1974	S	183,005	14,002.4	76.5		4- 5/75	COL RIVER 6	
1975	S	155,966	13,448.1	86.2		4- 5/76	COL RIVER 6	
								GRANDE RONDE R SNAKE R

-- INDICATES HATCHERY NOT IN OPERATION

TABLE 224.--COLUMBIA BASIN- WASHINGTON
SNOFFORD POND
RELEASE OF- STEELHEAD TROUT.

BROND YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1959-67	-	-	-	-	-	-	-	-
1968 W		40,260	3,653.2	90.7		4- 5/69	COMLITZ R	
1969 W		28,875	2,297.9	79.5		5/70	COMLITZ R	
1970 W		60,020	6,072.4	114.5	90.7-113.3	4- 5/71	COMLITZ R	
1971 W		6,314	715.8	113.3		5/72	COMLITZ R	
1972 W		60,000	6,566.2	107.9		4- 5/73	COMLITZ R	
1973 S		15,647	1,097.7	65.9		4- 5/74	COMLITZ R	
1974	0	0	0	0				
1975 W		9,241	1,279.1	138.4		4- 5/76	COMLITZ R	

-- INDICATES HATCHERY NOT IN OPERATION

TABLE 225.--COLUMBIA BASIN- WASHINGTON
 WASHBURN ISLAND POND - WASHINGTON DEPARTMENT OF GAME
 RELEASE OF- STEELHEAD TROUT.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1959-65	-	-	-	-	-	-	-	-
1966 S	0	7,800	317.5	45.3		4- 5/67	COL RIVER 8	
1967 S	0	0	0					
1968 S		46,996	1,374.4	29.2	28.3- 30.2	4- 5/69	COL RIVER 8	
1969 S		90,000	3,710.8	41.2	34.8- 45.3	4- 5/70	COL RIVER 8	
1970 S		7,319	333.8	45.6	41.2- 50.3	4- 5/71	COL RIVER 8	
1970 S		76,831	3,240.0	42.1	37.7- 50.3	4- 5/71	COL RIVER 8	
1971 S		145,350	6,001.9	41.2	30.2- 50.3	4- 5/72	COL RIVER 8	
1972 S		5,700	173.3	30.4		4- 5/73	COL RIVER 8	

-- INDICATES HATCHERY NOT IN OPERATION

TABLE 226.--COLUMBIA BASIN-- IDAHO
DHORSHAK HATCHERY - US FISH AND WILDLIFE SERVICE
RELEASE OF-- STEELHEAD TROUT.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL HEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION	RELEASE LOCATION
1959-68	-	-	-	-	-	-	-	-	-
1969 S	1,583,066		287.1	0.1	59.3- 64.7	7/69	NF CLEARWATER		
1969 S		1,371,543	85,841.4	62.5		4- 5/70	NF CLEARWATER		
1969 S		1,341,366	108,049.8	88.5		4/71	NF CLEARWATER		
1970 S		1,802,285	80,211.9	44.5		4/71	NF CLEARWATER		
1970 S		943,659	73,626.7	78.0		4/72	NF CLEARWATER		
1970 S		32,895	2,814.5	85.5	75.5- 90.7	4- 5/72	COL BLW BONN W		
1971 S		1,270,197	48,538.9	31.9		4/73	NF CLEARWATER		
1972 S			8,446.3	8.1	7.3- 8.2	5/73	SF CLEARWATER		
1972 S	1,042,257	1,358,522	41,442.9	30.5	30.2- 34.8	3- 4/73	NF CLEARWATER		
1973 S	748,398		158.3	0.2		6/73	NF CLEARWATER		
1973 S	230,335		1,366.2	5.9		10/73	CLEARWATER R		
1973 S		3,472,176	180,635.9	54.3	45.3- 56.6	3- 5/74	NF CLEARWATER		
1973 S		287,539	12,759.1	44.3		5/74	COL ABV BONN W		
1973 S		181,995	5,712.5	56.0		5/74	LOLO CR		
1974 S		1,761,878	132,298.3	75.0		3- 4/75	CLEARWATER R	NF CLEARWATER	
1975 S		1,750,295	95,380.8	54.4		4- 5/76	CLEARWATER R	NF CLEARWATER	

-- INDICATES HATCHERY NOT IN OPERATION

TABLE 227.--COLUMBIA BASIN- IDAHO
KOOSKIA HATCHERY - US FISH AND WILDLIFE SERVICE
RELEASE OF- SPRING CHINOOK SALMON.

GR000 YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1958-68	-	-	-	-	-	-	-	-
1969	21,000	148,336	184.3	4.9		5/70	BIG SPRINGS CR	
1969		3,331	7,274.3	49.0		3/71	CLEAR CR	
1969		25,403	173.7	52.1		3/71	CLEAR CR	
1970	8,859	96,032	1,324.5	52.1		3/71	LOCHSA R	
1971	354,380		50.3	5.6		6/71	BIG SPRINGS CR	
1971	73,451		3,486.8	36.3		3/72	CLEARWATER R	
1971	75,790		1,236.5	3.4		4/72	SF CLEARWATER	
1971	327,565		162.8	2.2		4/72	SF CLEARWATER	
1971			229.1	3.0		5/72	CLEAR CR	
1971			726.2	2.2		4/72	LOCHSA R	
1971			4,933.3	32.3		10/72	CLEAR CR	
1971		152,270	12,721.9	35.7		3/73	CLEAR CR	
1971		356,190	20.4	3.6		5/73	BIG SPRINGS CR	
1972	5,571		1,047.8	4.0		5/73	LOCHSA R	
1972	256,396		7,067.8	23.2		3/74	CLEAR CR	
1973		303,800	16,434.6	20.4		3- 4/75	CLEAR CR	
1974		802,180	38,134.8	38.4		4/76	CLEAR CR	
1975	71,000	992,200	438.9	6.0		5/76	CLEAR CR	
1975		327,665	11,286.3	34.4		10/76	CLEAR CR	

-- INDICATES HATCHERY NOT IN OPERATION

TABLE 228.--COLUMBIA BASIN- IDAHO
EAGLE HATCHERY
- IDAHO DEPARTMENT OF FISH AND GAME
RELEASE OF- SUMMER CHINOOK SALMON.

BR000 YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION	RELEASE LOCATION
1960-73 1974	0	0 11,528	0 987.2	78.7		4/76	SALMON R SNAKE		

TABLE 229.--COLUMBIA BASIN- IDAHO
HAGERMAN HATCHERY - IDAHO DEPARTMENT OF FISH AND GAME
RELEASE OF- SPRING CHINOOK SALMON.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1959-72 1973	0 6,820	0	0 56.2	0.2		4/74	SALMON R SNAKE	

TABLE 230.--COLUMBIA BASIN- IDAHO
HAGERMAN HATCHERY - IDAHO DEPARTMENT OF FISH AND GAME
RELEASE OF- SUMMER CHINOOK SALMON.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1959-73 1974	0	0 17,600	0 907.2	51.5		4/76	SALMON R SNAKE	

TABLE 231.--COLUMBIA BASIN- IDAHO
HAGERMAN HATCHERY - IDAHO DEPARTMENT OF FISH AND GAME
RELEASE OF- STEELHEAD TROUT.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION	RELEASE LOCATION
1959-63	0	0	0						
1964 S		24,150	1,198.7	49.3		4/65	SALMON R SNAKE		
1965 S		138,760	7,030.7	50.6	45.3- 56.6	4- 6/66	SALMON R SNAKE		
1966-71	0	0	0						
1972 S		222,265	14,038.7	63.1		4- 5/73	SALMON R SNAKE		
1972 S		215,316	12,197.1	56.6	50.3- 75.5	4/73	VALLEY CR		
1973 S		195,665	15,943.8	81.4		4/74	SALMON R SNAKE	VALLEY CR	
1974 S		174,284	12,417.1	71.2		3- 4/75	SALMON R SNAKE		
1974 S		179,285	11,906.8	66.4		3- 4/75	VALLEY CR		
1974 S		64,975	3,878.2	59.6		4/75	LENHI R		
1975	0	0	0						
1976 S		85,510	3,243.2	37.9		11-12/76	SNAKE R		

TABLE 232.--COLUMBIA BASIN- IDAHO
HAYDEN CREEK HATCHERY - IDAHO DEPARTMENT OF FISH AND GAME
RELEASE OF- SPRING CHINOOK SALMON.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1958-65	-	-	-	-	-	-	-	-
1966		8,000	58.8	8.5		5/68	SALMON R SNAKE	
1966		3,418	21.3	6.2		5/68	SALMON R SNAKE	
1967			276.7	1.5		7/68	SALMON R SNAKE	
1968	181,220		51.7	0.3		12/68	SALMON R SNAKE	
1968	171,000	157,427	1,558.8	9.9		6/69	SALMON R SNAKE	
1969		205,800	8,439.1	41.1		10/70	SALMON R SNAKE	
1970			84.4	1.6		6/71	LEMHI R	
1970	52,220	253,615	7,325.5	28.8		9-10/71	LEMHI R	
1971		316,837	9,645.6	31.1	26.5- 30.2	9-10/72	HAYDEN CR	
1972		151,000	4,723.3	31.2		10/73	HAYDEN CR	
1973	270,248		110.7	8.4		5- 6/74	LEMHI R	
1973		500,710	9,122.2	18.2	14.1- 28.3	9-10/74	HAYDEN CR	
1973		250,156	9,931.0	39.6		4- 5/75	HAYDEN CR	
1974		6,866	458.5	75.6		4/76	HAYDEN CR	
1975		260,956	8,219.5	31.4		9/76	HAYDEN CR	
1975		276,600	7,252.8	26.2		10/76	HAYDEN CR	

-- INDICATES HATCHERY NOT IN OPERATION

TABLE 233.--COLUMBIA BASIN-- IDAHO
HAYDEN CREEK HATCHERY - IDAHO DEPARTMENT OF FISH AND GAME
RELEASE OF-- STEELHEAD TROUT.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1959-65	-	-	-	-	-	-	-	-
1966	0	0	0			4- 5/68	LEMHI R	
1967	S	369,946	12,731.9	34.4		4/69	LEMHI R	
1968	S	87,444	2,923.9	33.4		5/70	LEMHI R	
1969	S	189,347	7,668.4	40.4		4- 5/71	LEMHI R	
1970	S	158,402	9,965.4	62.9	41.2- 75.5	4/72	LEMHI R	
1971	S	86,482	6,998.5	88.9		4/73	LEMHI R	
1972	S	31,668	2,030.3	64.1		10/73	LEMHI R	
1973	S	47,000	1,791.7	38.1		11/73	HAYDEN CR	
1973	S	42,078	1,603.9	38.1		4/74	HAYDEN CR	
1973	S	79,701	3,509.9	44.0		9-12/74	HAYDEN CR	
1974	S	239,850	476.3	1.9		4/76	HAYDEN CR	
1975	S	225,265	7,750.1	34.4		6/76	HAYDEN CR	
1976	S	258,666	97.5	0.3		10/76	HAYDEN CR	
1976	S	264,216	998.4	3.7				

-- INDICATES HATCHERY NOT IN OPERATION

TABLE 23a.--COLUMBIA BASIN- IDAHO
 MACKAY HATCHERY
 RELEASE OF- SUMMER CHINOOK SALMON.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1960-73 1974	0	285,600	5,783.3	20.2	0	4/76	SALMON R SNAKE	

TABLE 235.--COLUMBIA BASIN- IDAHO
MCCALL HATCHERY
- IDAHO DEPARTMENT OF FISH AND GAME
RELEASE OF- SUMMER CHINOOK SALMON.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION	RELEASE LOCATION
1960-73 1974	0	87,980	0 1,145.3	13.0		4/76	SALMON R SNAKE		

TABLE 236.--COLUMBIA BASIN- IDAHO
MULLEN HATCHERY
- IDAHO DEPARTMENT OF FISH AND GAME
RELEASE OF- SPRING CHINOOK SALMON.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1960-74 1975	0 179,550	8	0 120.7	0.6		6/76	LOCHSA R	

TABLE 237.--COLUMBIA BASIN- IDAHO
 NIAGARA HATCHERY - IDAHO DEPARTMENT OF FISH AND GAME
 RELEASE OF- STEELHEAD TROUT.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1959-65	-	-	-	-	-	4/67	GRANDE RONDE O	
1966 S	29,400		476.3	16.2		5- 6/67	SNAKE R	
1966 S	587,783		13,861.8	23.5		2- 6/67	PAHSIMEROI R	
1966 S		1,364,842	55,312.0	40.5		1/68	SNAKE R	
1967 S	342,144		2,142.8	6.2		3- 5/68	PAHSIMEROI R	
1967 S		1,664,325	90,730.7	54.5		2/69	SNAKE R	
1968 S	109,200		804.5	8.0		3- 5/69	PAHSIMEROI R	
1968 S		1,645,100	81,147.7	49.3		10/69	SNAKE R	
1969 S	757,500		2,721.6	3.5	3.0- 3.9	1/70	SNAKE R	
1969 S	385,900		3,447.3	8.9	8.7- 9.2	5/70	SNAKE R	
1969 S		4,508	288.8	63.8		3- 5/70	PAHSIMEROI R	
1969 S		1,608,000	129,273.8	80.3		10/70	SNAKE R	
1970 S	670,960		1,814.4	2.7	2.5- 2.7	3- 4/71	PAHSIMEROI R	
1970 S		1,630,002	89,710.6	55.0	50.3- 75.5	10/71	SNAKE R	
1971 S	215,625		850.5	3.9		3- 5/72	PAHSIMEROI R	
1971 S		1,555,050	105,913.8	68.1		6/72	LEHMI R	
1972 S	2,159,964		320.2	0.1		10/72	SNAKE R	
1972 S	630,900		1,632.9	2.5		10/72	CLEARWATER R	
1972 S	217,800		408.2	1.8		3- 5/73	PAHSIMEROI R	
1972 S		1,432,520	67,766.7	47.3		3- 5/74	PAHSIMEROI R	
1973 S		1,960,378	84,263.9	42.9		5/74	COL BLW BONN O	
1973 S		287,539	12,763.6	44.3		3- 5/75	PAHSIMEROI R	
1974 S		1,331,280	75,519.8	56.7		9/75	SNAKE R	
1975 S	40,977		386.5	9.4		5/76	SALMON R SNAKE	
1975 S		80,040	3,764.8	47.8		3- 4/76	PAHSIMEROI R	
1975 S		1,633,350	110,903.3	67.8	37.7-113.3			
1975 S								SALMON R SNAKE VALLEY CR

-- INDICATES HATCHERY NOT IN OPERATION

TABLE 238.--COLUMBIA BASIN- IDAHO
 OXBOW HATCHERY
 - IDAHO DEPARTMENT OF FISH AND GAME
 RELEASE OF- FALL CHINOOK SALMON.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION	RELEASE LOCATION
1959-60	-	-	-						
1961-63	0	0	0						
1964		1,262,305	2,594.5	2.0	1.4- 2.6	3- 6/65	SNAKE R		
1965		214,720	608.7	2.8		6/66	SNAKE R		
1966		1,473,500	2,679.8	1.8		5- 6/67	SNAKE R		
1967		202,350	483.1	2.3		6/68	SNAKE R		
1968		255,536	839.1	3.2		6/69	SNAKE R		
1969		497,298	1,050.5	2.1		1/70	SNAKE R		

-- INDICATES HATCHERY NOT IN OPERATION

TABLE 239.--COLUMBIA BASIN- IDAHO
PAHSIMEROI HATCHERY - IDAHO DEPARTMENT OF FISH AND GAME
RELEASE OF- SUMMER CHINOOK SALMON.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1958-68	8	8						
1969		393,840	4,455.1	11.3		5/70	PAHSIMEROI R	
1970		252,071	2,310.1	9.1		5/71	PAHSIMEROI R	
1970		148,247	3,993.9	26.9	25.1- 32.3	9/71	PAHSIMEROI R	
1971		102,508	1,084.3	9.7		5/72	PAHSIMEROI R	
1971		129,182	5,054.4	39.1		9/72	PAHSIMEROI R	
1972		217,118	1,969.5	9.0		5/73	PAHSIMEROI R	
1973		330,037	3,687.3	11.1		5/74	PAHSIMEROI R	
1974		114,560	1,299.1	11.3		5/75	PAHSIMEROI R	
1975		120,972	1,421.6	11.7		5/76	PAHSIMEROI R	

TABLE 240.--COLUMBIA BASIN- IDAHO
PAHSIMEROI HATCHERY - IDAHO DEPARTMENT OF FISH AND GAME
RELEASE OF- STEELHEAD TROUT.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1959-68	-	-	-	-	-	-	-	-
1969-72	0	0	0	0	0	0	0	0
1973 S		242,522	30,563.5	126.0		5/74	PAHSIMEROI R	

-- INDICATES HATCHERY NOT IN OPERATION

TABLE 241.--COLUMBIA BASIN- IDAHO
RAPID RIVER HATCHERY - IDAHO DEPARTMENT OF FISH AND GAME
RELEASE OF- SPRING CHINOOK SALMON.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1958-63	-	-	-	-	-	-	-	-
1964	-	580,000	11,640.5	20.0	3.9- 12.5	3/66	RAPID R	
1965	8,751		53.5	7.2		12/66	RAPID R	
1965		449,268	8,783.8	19.5		3/67	RAPID R	
1966	21,249		264.0	12.4		11/67	RAPID R	
1966		1,460,150	26,492.5	18.1		4/68	RAPID R	
1967		900,192	17,013.3	18.8		4/69	RAPID R	
1968		3,172,000	71,939.8	22.6		4/70	RAPID R	
1969		2,718,720	58,723.4	21.5		3- 4/71	RAPID R	
1970	8,850		2.7	0.3		2/71	RED R	
1970	1,058,666		5,007.7	4.7	1.5- 8.7	6- 8/71	RAPID R	CLEARWATER R
1970		91,800	1,735.0	18.8		3/72	CLEARWATER R	
1970		2,809,200	65,682.0	23.3		3- 4/72	RAPID R	
1971	53,562		102.5	1.9		5/72	LEMHI R	
1971	479,100		1,542.2	3.2		6- 7/72	CLEARWATER R	
1971		2,911,335	68,046.6	23.3		3/73	RAPID R	
1971		197,000	3,776.2	19.1		4/73	CLEARWATER R	
1971		2,787,381	69,019.5	25.4		3- 4/74	RAPID R	
1972			1,697.3	2.2		6- 8/74	CLEARWATER R	
1973	758,108		2,721.6	23.2	2.1- 5.7	3- 4/75	SF CLEARWATER	LEMHI R
1973		3,373,700	102,171.7	30.2		5- 6/75	SALMON R SNAKE	
1974	1,148,300		1,859.7	1.6		7/75	SF CLEARWATER	
1974	96,712		401.4	4.4		7/75	SALMON R SNAKE	
1974	21,840		95.3	4.3		4/76	SF CLEARWATER	
1974		139,700	3,583.4	25.6		4/76	RED R	
1974		66,000	1,496.9	22.6		3- 4/76	RAPID R	
1974		3,358,960	82,583.3	24.5		7- 9/76	SF CLEARWATER	LEMHI R
1975	99,960		333.4	3.3				
1975	192,134		675.9	3.5				

-- INDICATES HATCHERY NOT IN OPERATION

TABLE 242.--COLUMBIA BASIN- IDAHO
SANDPOINT HATCHERY - IDAHO DEPARTMENT OF FISH AND GAME
RELEASE OF- SPRING CHINOOK SALMON.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION	RELEASE LOCATION
1958-69	0	0	0						
1970		95,275	1,168.0	12.2		3/72	LOCHSA R		
1971		115,000	2,886.5	18.1		4/73	LOCHSA R		
1973		180,900	3,039.1	16.7		3/75	LOCHSA R		
1973		10,250	45.4	4.4		7/75	SF CLEARWATER		
1974		166,750	3,411.0	20.4		4- 5/76	LOCHSA R		

TABLE 243.--COLUMBIA BASIN-- IDAHO
DECKER POND
RELEASE OF-- SPRING CHINOOK SALMON.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION	RELEASE LOCATION
1958-69	-	-	-	-	-	-	-	-	-
1970		340,000	3,448.2	10.1	9.4- 10.3	9-10/71	SALMON R SNAKE		
1971		400,000	3,235.8	8.0	7.9- 8.0	9-10/72	SALMON R SNAKE		
1972		100,000	2,268.0	22.6		9/73	SALMON R SNAKE		
1973	368,410		1,256.5	3.4		6/74	SALMON R SNAKE		
1974		400,000	6,256.4	15.6		9/75	SALMON R SNAKE		
1975		399,735	4,477.8	11.1		9/76	SALMON R SNAKE		

-- INDICATES HATCHERY NOT IN OPERATION

TABLE 24.---COLUMBIA BASIN-- OREGON
EAGLE CREEK HATCHERY -- US FISH AND WILDLIFE SERVICE
RELEASE OF- FALL CHINOOK SALMON.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1959	1,012,607		464.8	0.4		4/60	EAGLE CR CLAK	
1959		2,890,274	5,705.3	1.9		6/60	EAGLE CR CLAK	
1960		2,193,611	4,761.4	2.1		6/61	EAGLE CR CLAK	
1961	0	0	0					
1962		2,435,531	3,421.0	1.4		5/63	EAGLE CR CLAK	
1963	4,439,763		2,109.2	0.4		3/64	MCKENZIE R	SANTIAM R
1963		1,427,326	1,487.8	1.0		6/64	CLACKANAS R	WILLAMETTE R
1964		1,054,720	1,084.1	1.0	3.9- 1.1	5/65	CLACKANAS R	WILLAMETTE R
1965	0	0	0					
1966	1,163,211		555.2	0.4		5/67	MCKENZIE R	WILLAMETTE R
1967	1,813,800		1,689.6	0.9		5/68	CLACKANAS R	WILLAMETTE R

TABLE 245.--COLUMBIA BASIN-- OREGON
EAGLE CREEK HATCHERY - US FISH AND WILDLIFE SERVICE
RELEASE OF- SPRING CHINOOK SALMON.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1958		749,100	12,097.3	16.1		7/60	CLACKAMAS R	
1959		533,372	8,426.8	15.7		2/61	CLACKAMAS R	
1960		108,945	2,916.1	26.7		2/62	CLACKAMAS R	
1961	150,000		453.6	3.0		3/62	DESCHUTES R	
1961		940,579	16,138.4	17.1	15.1- 21.5	2- 5/63	CLACKAMAS R	
1962		125,209	2,014.4	16.0		2/64	HILLAMETTE R	
1962		1,429,332	20,172.6	14.1		1- 3/64	CLACKAMAS R	
1963		2,481,666	23,390.4	9.4		12/64	CLACKAMAS R	
1964	500,000		1,153.9	2.3		8/65	DESCHUTES R	
1964	888,747		3,367.5	3.8		9/65	CLACKAMAS R	
1964		720,000	7,494.3	10.4		11-12/65	CLACKAMAS R	
1964		250,000	3,522.1	14.0		12/65	HILLAMETTE R	
1964		1,386,951	20,133.5	14.5		2/66	CLACKAMAS R	
1965	400,000		619.6	1.5	0.8- 2.2	6- 8/66	DESCHUTES R	EAGLE CR CLAK
1965		211,500	2,810.0	13.2		2/67	DESCHUTES R	
1965		2,220,727	20,094.2	12.6	12.5- 13.7	2/67	CLACKAMAS R	
1965		33,900	263.1	7.7	5.9- 10.0	10-11/67	CLACKAMAS R	
1966		1,404,000	20,366.3	14.5		4/68	CLACKAMAS R	
1967		15,000	176.9	11.7		11/68	CLACKAMAS R	
1967		15,630	181.9	11.6		1/69	CLACKAMAS R	
1967		1,157,613	20,239.3	17.4		5/69	CLACKAMAS R	
1968		10,180	200.9	19.7		4/70	DESCHUTES R	
1968		676,913	16,958.9	25.0	15.5- 25.6	1- 6/70	CLACKAMAS R	
1969		460,150	12,405.1	27.1		4/71	EAGLE CR CLAK	
1970		75,388	3,647.3	48.3		5/72	EAGLE CR CLAK	
1971		953,232	25,169.8	26.4		5/73	EAGLE CR CLAK	
1971		857	26.3	30.6		6/73	EAGLE CR CLAK	
1972		552,510	13,635.0	24.6		4/74	EAGLE CR CLAK	
1973		606,570	18,776.0	30.9		5/75	EAGLE CR CLAK	
1974		848,651	22,211.5	26.1		5/76	EAGLE CR CLAK	

TABLE 246.--COLUMBIA BASIN-- OREGON
EAGLE CREEK HATCHERY - US FISH AND WILDLIFE SERVICE
RELEASE OF- COND SALMON.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION	RELEASE LOCATION
1958		358,478	7,883.4	21.9		3/60	EAGLE CR CLAK		
1959		1,270,679	24,123.4	18.9	12.5- 19.7	3/61	EAGLE CR CLAK		
1960		1,012,377	22,191.1	21.9	15.1- 23.8	3- 4/62	CLACKANAS R		
1961		750,151	18,279.3	24.3	16.1- 28.3	2- 4/63	CLACKANAS R		
1962		606,690	12,677.8	20.8	17.4- 23.8	1- 4/64	CLACKANAS R		
1963		687,141	8,731.7	12.7	10.7- 12.9	11-12/64	CLACKANAS R		
1964		695,377	21,824.6	31.3		3/66	EAGLE CR CLAK		
1965		758,299	18,190.9	24.2	15.7- 30.2	2- 3/67	CLACKANAS R		
1966	568,500		2,150.8	3.8		7/67	CLACKANAS R		
1966		1,500,453	36,913.3	24.6		3- 4/68	CLACKANAS R		
1967	865,800		3,569.8	4.1		7/68	HILLANETTE R		
1967		15,000	298.3	19.3		11/68	CLACKANAS R		
1967		765,890	21,052.6	27.4		1- 5/69	CLACKANAS R		
1968	12,837		156.5	12.1	20.5- 28.3	12/69	CLACKANAS R		
1968		1,162,163	28,478.8	24.5	13.7- 30.2	1- 6/70	CLACKANAS R		
1969	184,092		43,237.3	0.6		5/70	EAGLE CR CLAK		
1969		1,452,366	276.7	29.7		4/71	EAGLE CR CLAK		
1970	549,000		415.8	0.5		3/71	EAGLE CR CLAK		
1970	207,500		276.7	2.0		6/71	EAGLE CR CLAK		
1970	798,606		59,418.8	33.9		5/72	EAGLE CR CLAK		
1971		1,750,271	337.5	0.4		4- 5/72	EAGLE CR CLAK		
1971		1,119,296	28,459.7	25.4		4- 6/73	EAGLE CR CLAK		
1972	1,126,587		401.8	0.3		4/73	EAGLE CR CLAK		
1972		1,093,070	32,944.4	30.1		4/74	EAGLE CR CLAK		
1973		1,320,155	47,932.5	36.3		3- 4/75	EAGLE CR CLAK		
1974	250,000		238.6	0.9		5/75	EAGLE CR CLAK		
1974		1,053,613	30,427.4	28.8		4- 5/76	EAGLE CR CLAK		

TABLE 247.--COLUMBIA BASIN-- OREGON
EAGLE CREEK HATCHERY -- US FISH AND WILDLIFE SERVICE
RELEASE OF-- STEELHEAD TROUT.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1958		148,864	11,283.1	76.2		3/60	EAGLE CR CLAK	
1958		78,621	5,879.9	74.7		3/60	SANDY R	
1959		145,056	9,987.2	68.7	56.6- 75.5	10-12/60	EAGLE CR CLAK	
1959		72,300	3,001.0	41.5		3/61	SANDY R	
1960		36,554	1,366.2	35.4		5/61	HILLAMETTE R	
1960		75,000	3,083.5	41.1		5/61	EAGLE CR CLAK	
1960		49,780	2,971.0	59.7		1/62	EAGLE CR CLAK	
1961		612,576	13,519.8	22.0	13.7- 37.7	4- 5/62	HILLAMETTE R	
1962	174,590		59.0	0.3		6/62	JOHN DAY R	
1962		474,767	8,609.6	18.1	11.3- 32.3	4- 6/63	HILLAMETTE R	
1962		44,363	2,087.5	46.6		6/64	EAGLE CR CLAK	
1963		144,350	3,084.0	21.3	20.6- 32.3	4- 5/64	HILLAMETTE R	
1963		92,487	3,045.9	32.9		12/64	EAGLE CR CLAK	
1964			495.0	9.4		12/64	EAGLE CR CLAK	
1964		197,740	2,889.4	14.6	10.3- 20.6	5/65	HILLAMETTE R	
1964		55,155	3,432.8	62.2		3/66	CLACKANAS R	
1965		213,233	9,959.5	46.7	37.7- 50.3	3- 5/66	EAGLE CR CLAK	
1965		50,000	1,157.1	23.1		5/66	WARM SPRINGS R	
1965		81,891	2,031.2	24.8	23.8- 26.6	5/66	CLACKANAS R	
1966	5,300		46.3	8.7		2/67	CLACKANAS R	
1966		228,285	9,224.7	40.4	37.7- 45.3	3- 5/67	EAGLE CR CLAK	
1966		213,598	3,431.9	16.0		6/67	HILLAMETTE R	
1967		264,500	7,225.7	27.3		5/68	EAGLE CR CLAK	
1967		57,300	1,202.0	20.9		5/68	CLACKANAS R	
1968	89,000		188.9	1.2		8/68	CLACKANAS R	
1968		15,150	240.4	15.8		4/69	COL RIVER 2	
1968		15,150	240.4	15.8		4/69	CLACKANAS R	
1968		341,353	10,644.9	31.1	28.3- 41.2	4- 6/69	EAGLE CR CLAK	
1968		83,620	6,395.2	76.4		4/70	EAGLE CR CLAK	
1969			31.8	8.1		6/69	EAGLE CR CLAK	
1969	272,000		1,095.4	2.9		1/70	EAGLE CR CLAK	
1969	372,000		2,883.0	23.8		4/70	EAGLE CR CLAK	
1969		120,900	1,759.0	14.7.4		11/70	EAGLE CR CLAK	
1969		12,000	2,493.9	90.7		5/71	EAGLE CR CLAK	
1969		27,408	196.9	0.4		6/70	EAGLE CR CLAK	
1970	442,000		4,235.6	38.1		5/71	EAGLE CR CLAK	
1970		110,920	3,137.0	151.8		3/72	EAGLE CR CLAK	
1970		28,660	2,261.6	20.1		5/72	EAGLE CR CLAK	
1971		112,476	8,330.2	45.3		5/72	EAGLE CR CLAK	
1971		183,487	4.5	0.2		5- 6/72	EAGLE CR CLAK	
1972	17,295		11,948.1	50.3		4- 5/73	EAGLE CR CLAK	
1972		204,820	64.0	0.3		6/73	EAGLE CR CLAK	
1973	211,329		10,054.8	42.8	37.7- 50.3	5/74	EAGLE CR CLAK	
1973		234,750	147.4	11.0		2/75	EAGLE CR CLAK	
1974	13,312		5,193.2	53.5		5/75	EAGLE CR CLAK	
1974		96,890	9,141.2	55.6		5/76	CLACKANAS R	
1975		164,220						EAGLE CR CLAK

TABLE 246.--COLUMBIA BASIN-- OREGON
BIG CREEK HATCHERY -- OREGON DEPARTMENT OF FISH AND WILDLIFE
RELEASE OF-- FALL CHINOOK SALMON.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1959		1,864,346	2,596.8	1.3	1.2- 1.4	3-	4/60	BIG CR
1960		1,723,491	4,713.3	2.7			3/61	BIG CR
1961		1,813,671	2,642.2	2.6			5/62	BIG CR
1962		974,585	3,230.0	3.3			5/63	BIG CR
1963		1,985,838	8,814.2	4.4			5/64	BIG CR
1964	520,349		198.7	0.3			1/65	BIG CR
1964		1,448,676	7,251.6	5.0	3.8- 5.0		6/65	BIG CR
1965		588,187	1,547.7	3.0			4/66	SANTIAM R
1965		1,115,354	6,329.9	5.6			5/66	BIG CR
1966	5,000		1.8	0.3			12/66	COL RIVER I
1966	479,235		183.3	0.3			1/67	WILLANETTE R
1966		510,150	1,406.1	2.7			4/67	WILLANETTE R
1966		2,623,795	15,005.7	5.7			5/67	BIG CR
1967		500,200	1,233.8	2.4			3/68	WILLANETTE R
1967		5,218,778	29,557.9	5.6			4/68	BIG CR
1968		246,140	1,418.8	5.7	5.5- 5.9		5/69	SANTIAM R
1968		266,780	2,034.8	7.6	4.9- 20.6	5-	7/69	COL RIVER I
1968		3,312,529	16,585.6	5.8	4.8- 5.9		5/69	BIG CR
1969		4,164,795	24,177.4	5.8			5/70	BIG CR
1970	602,896		510.3	0.8			5/71	BIG CR
1970		8,325,154	22,273.2	2.6	2.0- 3.3	4-	5/71	BIG CR
1970		123,282	7,646.2	62.0			11/71	BIG CR
1971		10,837,534	56,226.9	5.6	5.1- 6.0		5/72	BIG CR
1971		97,749	7,210.8	73.7			11/72	BIG CR
1972		5,573,396	31,492.9	5.6	5.3- 5.8		5/73	BIG CR
1973		6,168,557	34,555.6	5.6			5/74	BIG CR
1974	784,387		334.8	0.4			12/74	BIG CR
1974		391,366	857.7	2.1			4/75	BIG CR
1974		5,802,164	34,646.7	5.9			4/75	BIG CR
1975		9,599,659	61,088.0	6.3			5/76	BIG CR

TABLE 249.--COLUMBIA BASIN-- OREGON
BIG CREEK HATCHERY
RELEASE OF-- CONO SALMON.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1958		475,072	11,855.8	24.9		3/60	BIG CR	
1959	196,298		855.9	4.3		5/60	BIG CR	
1959		807,277	16,874.5	20.9		11/60	BIG CR	
1959		217,339	6,258.5	28.7		2/61	BIG CR	
1960	30,450		238.1	7.8		6/61	GNAT CR	
1960		1,139,939	28,588.6	25.8		1- 2/62	BIG CR	
1960		49,951	1,452.4	29.0		2/62	CLATSKANIE R	
1961		1,280,726	24,786.1	19.3	13.8- 19.7	11-12/62	BIG CR	
1961		50,141	1,197.0	23.8		3/63	CLATSKANIE R	
1962		1,965,094	43,774.8	22.2		12/63	BIG CR	
1962		44,742	1,089.1	24.3		3/64	CLATSKANIE R	
1963		889,908	21,479.0	24.1		11/64	BIG CR	
1963		942,560	27,516.3	29.1		4/65	BIG CR	
1964	878,423		368.8	0.4		2/65	WILLANETTE R	
1964	321,135		2,435.3	7.5		7/65	BIG CR	
1964		1,379,818	34,693.5	25.1		3/66	BIG CR	
1965	1,842,741		789.3	0.4		2/66	WILLANETTE R	
1965		1,528,000	43,805.7	28.6		3/67	BIG CR	
1966	444,268		202.3	0.4		2/67	SANTIAM R	
1966		1,282,800	34,073.9	26.5		2/68	BIG CR	
1967	2,860		2.7	1.3		4/68	BIG CR	
1967		700,026	22,671.5	32.3		4/69	BIG CR	
1968	155,480		849.5	5.4		7/69	SANTIAM R	
1968		73,920	1,905.1	25.7		3/70	SANTIAM R	
1968		665,623	19,282.7	28.9		4/70	BIG CR	
1969	179,920		65.8	0.3		2/70	BIG CR	
1969		851,295	25,812.1	30.3		3/71	BIG CR	
1970		759,887	25,092.3	33.0		4/72	BIG CR	
1971	397,240		158.8	0.3		2/72	SANTIAM R	
1971		724,621	23,149.5	31.9		4/73	BIG CR	
1972		858,771	27,173.8	31.6		4/74	BIG CR	
1973		790,999	25,292.8	31.9		4/75	BIG CR	
1974	55,240		209.6	3.7		4- 5/75	BIG CR	
1974		875,870	26,576.0	30.3		4/76	BIG CR	

TABLE 250.--COLUMBIA BASIN- OREGON
BIG CREEK HATCHERY - OREGON DEPARTMENT OF FISH AND WILDLIFE
RELEASE OF- CHUM SALMON.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1959	1,229,994		452.2	0.3		3/60	BIG CR	
1960	218,926		87.1	0.3		2/61	BIG CR	
1961		314,577	259.9	0.8		4/62	BIG CR	
1962		280,894	199.1	0.7		3/63	BIG CR	
1963			120.7	0.3		2- 3/64	BIG CR	
1964	319,464		65.8	0.3		2/65	BIG CR	
1965	173,866		929.9	2.9		5/66	BIG CR	
1966		371,971	1,259.2	3.3		5/67	BIG CR	
1967		135,038	244.8	1.8		4/68	BIG CR	
1968		82,641	188.9	1.3		4/69	BIG CR	

TABLE 251.--COLUMBIA BASIN-- OREGON
BIG CREEK HATCHERY -- OREGON DEPARTMENT OF FISH AND WILDLIFE
RELEASE OF-- STEELHEAD TROUT.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1959	86,505		882.2	10.1		4/60	BIG CR	
1960	62,478		2,180.8	34.8		4/61	BIG CR	
1960		1,815	50.8	50.8		5/61	CLACKAMAS R	
1961	53,232		805.1	15.1		2/62	BIG CR	
1961		59,695	2,129.2	35.6		4/62	BIG CR	
1962	75,081		391.5	5.2		12/62	BIG CR	
1962		48,667	1,336.3	27.4		5/63	BIG CR	
1963	39,111		9.5	0.2		4/63	BIG CR	
1963	13,184		132.8	10.8		3/64	CLATSKANIE R	
1963		71,760	3,071.3	42.7		5/64	BIG CR	
1964	109,065		24.9	0.2		4/64	WILLAMETTE R	
1964	11,165		23.6	2.1	0.8- 7.9	6-10/64	BIG CR	
1964		43,950	1,870.6	42.5		3/65	WILLAMETTE R	
1964		54,895	3,361.1	62.1		4/65	BIG CR	
1964		9,996	503.9	50.4		6/65	DESCHUTES R	
1965	13,055		10.8	0.7	0.6- 5.6	5- 9/65	BIG CR	
1965		54,917	3,080.3	56.0		3/66	WILLAMETTE R	
1965		53,959	3,526.7	65.3		4/66	COL RIVER I	
1966	7,988		5.8	0.6		5/66	COL RIVER I	
1966		31,590	1,699.2	53.7		3/67	WILLAMETTE R	
1966		57,936	3,776.2	65.1		4/67	BIG CR	
1967		26,795	1,603.4	59.8		3/68	WILLAMETTE R	
1967		25,002	1,551.3	62.0		3/68	CLATSKANIE R	
1967		24,997	1,848.7	73.6		4/68	BIG CR	
1968	102,576		24.5	0.2		3/68	COL RIVER I	
1968		62,327	3,437.3	55.1		4/69	WILLAMETTE R	
1968		29,483	2,057.8	69.7		4/69	BIG CR	
1969	10,001		62.1	6.2		7/69	COL RIVER I	
1969		53,439	3,687.3	69.0		4/70	BIG CR	
1970	39,586		935.8	23.6		10/70	WILLAMETTE R	
1970		54,907	3,724.9	67.8		4/71	BIG CR	
1971		50,888	3,974.4	78.2		4/72	BIG CR	
1972		58,245	4,812.8	79.8		4/73	BIG CR	
1972		16,291	1,212.5	74.4		4/73	YOUNGS BAY TRB	
1972		14,195	1,041.8	73.3		4/73	KLASKANINE R	
1973	31,680		149.7	4.7		7/73	WILLAMETTE R	
1973		49,601	3,580.7	72.1		4/74	BIG CR	
1973		7,006	521.6	74.4		4/74	C ORE COASTAL	
1974		49,436	3,737.1	75.5		4/75	BIG CR	
1975		51,892	3,680.9	70.9		4/76	BIG CR	
1975		10,003	640.8	63.9		4/76	WILLAMETTE R	

TABLE 252.--COLUMBIA BASIN-- OREGON
 BONNEVILLE HATCHERY - OREGON DEPARTMENT OF FISH AND WILDLIFE
 RELEASE OF-- FALL CHINOOK SALMON.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1959		11,873,957	14,729.5	1.2	0.5-	4-	5/68	TANNER CR
1959	200,978		143.8	0.7		5/68	WILLAMETTE R	
1960		3,431,833	5,267.1	1.5		5/61	TANNER CR	
1961		3,829,617	5,574.7	1.4		6/62	TANNER CR	
1962		4,635,279	13,378.3	2.8		6/63	TANNER CR	
1963		9,545,463	31,841.7	3.3		6/64	TANNER CR	
1964	1,000,000		394.6	8.3		3/65	SANDY R	
1964	800,000		315.7	0.3		3/65	SANTIAM R	
1964	895,000		352.9	0.3		3/65	WILLAMETTE R	
1964		9,601,861	28,189.4	2.9		6/65	TANNER CR	
1965		1,000,848	1,347.6	1.3		5/66	MCKENZIE R	
1965		5,579,874	33,068.7	5.9		6/66	TANNER CR	
1966	180,000		35.8	0.3		2/67	MCKENZIE R	
1966	3,000,000		1,069.1	0.3		2/67	SANTIAM R	
1966	485,000		172.8	0.3		2/67	WILLAMETTE R	
1966	426,435		152.0	0.3		3/67	WILLAMETTE R	
1966		1,000,000	1,080.5	1.0		6/67	TANNER CR	
1966		5,676,868	26,245.3	4.6		6/67	TANNER CR	
1967	555,800		208.7	0.3		2/68	WILLAMETTE R	
1967	671,145		295.7	0.4		2/68	MCKENZIE R	
1967	1,171,069		501.7	8.4		2- 3/68	WILLAMETTE R	
1967	220,314		228.2	1.0		4/68	MCKENZIE R	
1967		6,057,038	37,105.2	6.1		6/68	TANNER CR	
1968		5,047,530	21,126.1	4.1	3.8-	6/69	TANNER CR	
1968		1,382,091	3,909.5	2.8	4.4	6/69	BIG CR	
1969		6,213,215	28,119.6	4.5		5/70	TANNER CR	
1970		4,826,983	18,407.7	2.1	2.0-	4/71	TANNER CR	
1971		1,207,371	5,179.1	4.2	2.4	5/72	TANNER CR	
1972		10,782,536	51,158.8	4.7	1.7- 4.3	5- 6/73	TANNER CR	
1973		9,842,078	34,779.6	3.5	3.9- 5.8	5/74	TANNER CR	
1974		10,403,079	41,544.5	3.9	3.3- 4.4	4/75	TANNER CR	
1975		7,475,970	41,450.6	5.5	3.6- 5.1	4/76	TANNER CR	
1975		12,494,122	71,972.0	5.7		5/76	TANNER CR	

TABLE 253.--COLUMBIA BASIN-- OREGON
 BONNEVILLE HATCHERY -- OREGON DEPARTMENT OF FISH AND WILDLIFE
 RELEASE OF-- COHO SALMON.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1958		494,852	8,606.3	17.7		3/60	TANNER CR	
1958		54,724	1,037.8	18.9		3/60	HOOD R	
1959		91,784	1,483.7	16.1		2/61	WILLAMETTE R	
1959		1,219,781	20,506.9	16.8		2- 3/61	TANNER CR	
1960		893,178	20,565.4	23.0		4/62	TANNER CR	
1961	2,511,312		1,079.5	0.4		1- 3/62	WILLAMETTE R	
1961		1,024,331	23,466.1	22.9		4/63	TANNER CR	
1962	3,329,448		1,388.2	0.3		3- 5/63	WILLAMETTE R	
1962	270,000		102.1	0.3		3/63	HOOD R	
1962		1,577,274	34,058.4	21.5		4/64	TANNER CR	
1963		300,683	4,747.3	15.7		12/64	TANNER CR	
1963		897,976	19,396.1	21.5		4/65	TANNER CR	
1964	1,000,000		362.9	0.3		3/65	DESCHUTES R	
1964	2,004,728		739.4	0.3		4/65	WILLAMETTE R	
1964	10,000		4.5	0.4		5/65	TANNER CR	
1964	350,168		1,983.6	5.6		8/65	WILLAMETTE R	
1964		941,767	22,485.9	23.8		3/66	TANNER CR	
1965	3,892,623		1,214.7	0.3		3- 4/66	WILLAMETTE R	
1965		868,000	19,391.1	22.3		3/67	TANNER CR	
1966	2,630,790		1,075.5	0.4		2- 3/67	WILLAMETTE R	
1966		1,588,000	41,374.8	27.4		3/68	TANNER CR	
1967	2,322,084		928.0	0.3		3/68	WILLAMETTE R	
1967		1,833,152	53,100.2	28.9		4/69	TANNER CR	
1968	2,865,986		875.9	0.3		3- 4/69	WILLAMETTE R	
1968		1,000	20.4	20.4		12/69	TANNER CR	
1968		1,000	20.4	20.4		1/70	TANNER CR	
1968		1,366,036	39,141.8	28.6		4/70	TANNER CR	
1969	1,611,161		628.2	0.3		4/71	WILLAMETTE R	
1969		2,813,178	85,045.4	30.2		3- 4/72	TANNER CR	
1970	4,442		1.8	0.4		4/71	TANNER CR	
1970		2,601,265	81,780.9	31.4	28.3- 34.8	4/72	TANNER CR	
1971		1,101,240	23,199.9	21.0		3- 4/72	WILLAMETTE R	
1971		501,139	14,082.7	28.1		4/73	TANNER CR	
1972		431,305	9,016.1	20.9		3/74	WILLAMETTE R	
1972		304,751	6,685.5	21.9		3/74	SANTIAM R	
1972		1,181,622	29,289.8	24.7		4/74	TANNER CR	
1973		951,708	26,105.1	27.4		4/75	TANNER CR	
1974		2,237,648	65,734.6	29.3		4/76	TANNER CR	

TABLE 254.--COLUMBIA BASIN- OREGON
 BONNEVILLE HATCHERY - OREGON DEPARTMENT OF FISH AND WILDLIFE
 RELEASE OF- STEELHEAD TROUT.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1959	0	0	0					
1960		9,889	261.7	26.6		4/61	SANDY R	

TABLE 255.--COLUMBIA BASIN-- OREGON
 CASCADE HATCHERY
 - OREGON DEPARTMENT OF FISH AND WILDLIFE
 RELEASE OF-- FALL CHINOOK SALMON.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1959		5,560,532	4,966.8	0.8	0.7-	3/60	EAGLE CR COL	
1960		3,281,913	10,310.6	3.1	1.1	6/61	EAGLE CR COL	
1961		4,842,554	6,911.8	1.4		6/62	EAGLE CR COL	
1962		4,217,910	9,944.1	2.3		6/63	EAGLE CR COL	
1962		67,912	2,369.6	34.8		4/64	EAGLE CR COL	
1963		5,734,238	12,108.6	2.1		6/64	EAGLE CR COL	
1963		145,144	2,532.0	17.4		4/65	EAGLE CR COL	
1964		4,709,551	14,629.7	3.1		6/65	EAGLE CR COL	
1964		85,281	295.3	3.4		7/65	SANDY R	
1965		650,454	826.4	1.2		5/66	MCKENZIE R	
1965		350,000	453.6	1.2		5/66	SANTIAM R	
1965		3,813,288	15,624.4	4.0		6/66	EAGLE CR CLAK	
1966	792,008		299.4	0.3		2/67	WILLAMETTE R	
1966	2,231,600		753.8	0.3		2/67	MCKENZIE R	
1966	785,008		296.6	0.3		2/67	WILLAMETTE R	
1966		504,432	506.2	1.0		5/67	SANTIAM R	
1966		501,720	503.5	1.0		5/67	CLACKAMAS R	
1966		3,828,240	17,478.6	4.5		6/67	EAGLE CR CLAK	
1967	943,200		489.6	0.4		3/68	WILLAMETTE R	
1967	629,280		270.8	0.4		3/68	MCKENZIE R	
1967	1,254,815		540.2	0.4		3/68	WILLAMETTE R	
1967	478,745		501.2	1.0		4/68	MCKENZIE R	
1967	512,400		544.3	1.0		4/68	SANTIAM R	
1967		4,090,543	20,662.5	5.0		6/68	TANNER CR	
1968		4,508,385	16,875.0	3.7	3.5-	6- 7/69	BIG CR	
1969		2,972,593	14,961.7	5.0	4.3- 5.3	5/70	TANNER CR	
1969		158,718	735.3	4.8		5/70	COL RIVER 3	
1969		75,813	369.7	4.8		5/70	COL RIVER 2	
1970	0	0	0					
1971	806,055		349.7	0.4		3/72	CLACKAMAS R	
1971		3,340,581	18,945.6	3.2		5/72	TANNER CR	

TABLE 256.--COLUMBIA BASIN-- OREGON
CASCADE HATCHERY
- OREGON DEPARTMENT OF FISH AND WILDLIFE
RELEASE OF-- SPRING CHINOOK SALMON.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1958		21,216	300.7	14.1		1/68	SANTIAM R	

TABLE 257.--COLUMBIA BASIN-- OREGON
CASCADE HATCHERY - OREGON DEPARTMENT OF FISH AND WILDLIFE
RELEASE OF- CONDO SALMON.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1958		304,078	4,757.7	15.6		1/60	EAGLE CR COL	
1958		46,034	755.2	16.4		1/60	HOOD R	
1959		199,550	3,771.6	18.9		3/61	COL RIVER 3	
1959		1,139,525	22,432.9	19.6		3/61	EAGLE CR CLAK	
1960		912,241	23,070.3	26.1		3/62	EAGLE CR CLAK	
1961		912,026	24,383.8	26.7		4/63	EAGLE CR CLAK	
1962	467,894		160.6	0.3		3/63	SANDY R	
1962	361,812		124.3	0.3		3/63	WILLAMETTE R	
1962	400,000		137.0	0.3		3/63	DESCHUTES R	
1963		1,576,482	34,901.2	22.1	18.8- 23.8	1- 4/64	EAGLE CR CLAK	
1964		1,318,274	24,406.4	18.5		4/65	TANNER CR	
1964			261.3	0.3		4/65	SANTIAM R	
1964	697,020		2,270.2	7.5	7.4- 7.9	8/65	SANTIAM R	
1964	301,248		24,635.5	22.7		3/66	EAGLE CR CLAK	
1965	297,200		184.3	0.3		4/66	WILLAMETTE R	
1965		1,239,920	31,956.5	25.7		3/67	EAGLE CR CLAK	
1966	220,000		94.8	0.4		3/67	WILLAMETTE R	
1966		478,000	12,012.5	25.1		3/68	EAGLE CR CLAK	
1967	1,247,403		492.1	0.3		3/68	WILLAMETTE R	
1967		1,597,957	49,599.0	31.0		4/69	TANNER CR	
1968	1,345,000		439.1	0.3		4/69	WILLAMETTE R	
1968	415,000		134.3	0.3		4/69	JOHN DAY R	
1968		99,704	2,569.1	25.7		3/70	UNPQUA R	
1968		255,787	6,574.4	25.7		3/70	WILLAMETTE R	
1968		906,608	26,926.6	29.7		3/70	TANNER CR	
1969	397,300		163.7	0.4		2/70	JOHN DAY R	
1969	2,265,280		968.8	0.4		3- 4/70	WILLAMETTE R	
1969		1,899,967	30,750.4	27.9	23.8- 30.2	2- 3/71	WILLAMETTE R	
1969		177,815	5,213.6	29.4		4/71	COL RIVER 3	
1970		978,143	29,139.7	29.7	28.3- 32.3	3- 4/72	WILLAMETTE R	
1970		306,681	10,504.1	34.5		4/72	TANNER CR	
1971	1,272,286		418.2	0.3		3- 4/72	COL RIVER 2	
1971		160,957	3,572.0	22.1		3/73	WILLAMETTE R	
1971		2,029,980	57,125.4	28.1	23.8- 30.2	4/73	TANNER CR	
1972	493,252		1,190.7	2.4		6/73	WILLAMETTE R	
1972		100,144	2,064.8	20.6		3/74	WILLAMETTE R	
1972		1,974,218	46,771.3	23.6		4/74	TANNER CR	
1973		99,414	2,505.2	25.1		4/75	MCKENZIE R	WILLAMETTE R
1973		2,321,493	67,041.9	28.8		4/75	TANNER CR	
1974		538,029	9,698.7	18.0		4/76	SANTIAM R	WILLAMETTE R
1974		1,483,724	35,666.9	24.0		5/76	TANNER CR	

TABLE 258.--COLUMBIA BASIN-- OREGON
 CASCADE HATCHERY
 - OREGON DEPARTMENT OF FISH AND WILDLIFE
 RELEASE OF- CHUM SALMON.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1960		12,781	38.1	2.9		6/61	EAGLE CR CLAK	

TABLE 259.--COLUMBIA BASIN-- OREGON
FALL RIVER HATCHERY -- OREGON DEPARTMENT OF FISH AND WILDLIFE
RELEASE OF-- SPRING CHINOOK SALMON.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1958-69	0	0	0					
1970		113,742	8,759.3	77.0		3/72	DESCHUTES R	
1971		117,855	7,965.1	67.5		3/73	DESCHUTES R	

TABLE 260.--COLUMBIA BASIN- OREGON
GNAT CREEK HATCHERY - OREGON DEPARTMENT OF FISH AND WILDLIFE
RELEASE OF- FALL CHINOOK SALMON.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1959	-	-	-	-	-	-	-	-
1960-63	0	0	0	0	0	0	0	0
1964	823,109		646.8	0.7	0.5- 1.1	4/65	SANTIAM R	
1965	377,520		218.2	0.5		4/66	SANTIAM R	

-- INDICATES HATCHERY NOT IN OPERATION

TABLE 261.--COLUMBIA BASIN-- OREGON
 GNAT CREEK HATCHERY - OREGON DEPARTMENT OF FISH AND WILDLIFE
 RELEASE OF-- SPRING CHINOOK SALMON.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1959	-	-	-	-	-	-	-	-
1960-71	0	0	0	0	0	10/73	SANDY R	
1972		8,798	453.6	51.5		2/74	SANDY R	
1972		20,685	2,662.6	92.8				

TABLE 262.--COLUMBIA BASIN-- OREGON
 GNAT CREEK HATCHERY - OREGON DEPARTMENT OF FISH AND WILDLIFE
 RELEASE OF- COHD SALMON.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1958	-	-	-	-	-	5/61	GNAT CR	
1959	-	94,716	1,988.8	20.9		3/62	GNAT CR	
1960	-	79,912	1,525.4	19.0		2/63	GNAT CR	
1961	-	88,711	1,525.4	18.8		1/64	GNAT CR	
1962	-	57,845	1,078.2	18.9		3/65	GNAT CR	
1963	-	88,293	2,054.3	23.2				

-- INDICATES HATCHERY NOT IN OPERATION

TABLE 263.--COLUMBIA BASIN-- OREGON
GNAT CREEK HATCHERY - OREGON DEPARTMENT OF FISH AND WILDLIFE
RELEASE OF-- STEELHEAD TROUT.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1959	-	-	-	-	-	-	-	-
1960	114,599	-	1,767.6	15.4	8.3- 18.8	1- 5/61	COL RIVER I	
1960		98,481	3,812.9	42.1	34.8- 50.3	5- 6/61	SANDY R	
1960		39,971	1,936.8	48.4	45.3- 50.3	5- 6/61	HOOD R	
1961		148,383	5,508.3	37.1	25.1- 37.7	4- 5/62	COL RIVER I	
1961		56,664	1,639.7	28.9	20.6- 37.7	5- 6/62	HOOD R	
1961		7,984	397.8	49.8		4/62	SANDY R	
1961		89,876	4,302.8	47.8	45.3- 50.3	4- 5/62	SANDY R	
1962	38,774		135.6	4.4	4.0- 5.3	10/62	COL RIVER I	
1962	141,795		4,816.7	33.9	14.1- 37.7	5/63	COL RIVER I	
1962		82,397	4,133.6	50.1		5/63	SANDY R	
1962		30,351	1,311.3	43.2		6/63	HOOD R	
1963		174,986	2,022.6	21.4	7.3- 34.8	1- 5/64	COL RIVER I	
1963		2,450	9,285.8	53.0	41.2- 56.6	5/64	SANDY R	
1963		89,090	222.3	90.7		7/64	GNAT CR	
1963			3,747.6	42.0	37.7- 45.3	5- 6/64	HOOD R	
1964	7,038		15.4	2.1		9/64	GNAT CR	
1964	149,008		3,332.5	22.3	9.0- 41.2	1- 5/65	COL RIVER I	
1964		199,588	10,425.8	52.2	45.3- 75.5	4- 6/65	SANDY R	
1964		28,517	1,592.1	55.8	50.3- 56.6	4- 5/65	GNAT CR	
1964		43,325	1,868.3	43.1	41.2- 45.3	7/65	HOOD R	
1965	970		7.7	7.9		9/65	HOOD R	
1965	138,376		1,351.7	9.7	7.3- 11.6	10-12/65	COL RIVER I	
1965	33,450		319.8	9.5	8.8- 9.8	1- 2/66	COL RIVER I	
1965		293,676	14,234.2	48.4	45.3- 50.3	5/66	COL RIVER I	
1965	19,410		388.4	15.8	11.0- 16.7	1- 4/66	GNAT CR	
1965	3,000		27.2	9.0		2/66	DESCUTES R	
1965		62,518	4,056.9	65.0		5- 6/66	HOOD R	
1965		59,068	2,936.6	49.7		5/67	COL RIVER I	
1966		33,571	1,328.0	39.3		4- 5/67	HOOD R	
1966		365,074	12,572.7	34.4		5/68	COL RIVER I	
1967	72,655		439.5	6.0		10/67	UMATILLA R	
1967	150,864		1,629.3	10.7		10/67	DESCUTES R	
1967		96,580	3,182.0	32.9		4- 5/68	HOOD R	
1967		171,976	5,657.7	32.8		4- 5/68	COL RIVER I	
1968		259,697	13,288.8	51.1	50.3- 64.7	4- 5/69	COL RIVER I	
1968		196,484	9,358.5	47.6	45.3- 56.6	5- 6/69	COL RIVER I	
1969		262,639	17,074.6	65.0		5/70	COL RIVER I	
1969		126,900	8,034.9	63.3		5- 6/70	COL RIVER I	
1969		80,204	5,014.9	62.5		5- 6/70	HOOD R	
1969		49,650	3,150.2	63.4		4- 5/71	COL RIVER I	
1970	89,440		11,901.8	32.1	25.1- 41.2	4/71	COL RIVER I	
1970	61,295		1,690.5	18.9	15.1- 22.6	11/70	SANTIAM R	
1970			2,138.7	34.8	21.5- 37.7	2/71	SANTIAM R	
1970		110,440	5,429.5	49.1	37.7- 50.3	4- 5/71	HOOD R	
1970		33,668	2,136.4	63.4		4/72	DESCUTES R	
1970		28,696	3,442.3	119.9		4/72	MCKENZIE R	

-- INDICATES HATCHERY NOT IN OPERATION

TABLE 263.--CONTINUED.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION	RELEASE LOCATION
1971			16,432.3	66.4		4/72	COL RIVER I		
1971	48,530	247,397	957.1	19.7		2/72	SANTIAM R		
1971	20,764		253.1	12.6		6/72	DESCHUTES R		
1971	19,993		469.4	23.0		7/72	WILLAMETTE R		
1971		115,904	7,247.0	62.5		4/72	HOOD R		
1971		110,371	6,260.5	56.7	56.5- 75.5	4/72	COL RIVER I		
1971		50,052	6,968.1	139.2		4/73	DESCHUTES R		
1972		317,335	22,501.8	70.9		4- 5/73	COL RIVER I		
1972		89,201	6,159.8	69.8		4/73	HOOD R		
1972		56,907	4,134.5	70.1		4/73	MCKENZIE R		
1973	108,246		1,440.2	13.3		10/73	SANDY R	WILLAMETTE R	
1973	94,529		1,922.8	20.3		3/74	GNAT CR		CLATSKANIE R
1973		96,298	6,662.4	69.1		4/74	YOUNGS BAY TRB	GNAT CR	
1973		155,916	11,348.9	72.7		4- 5/74	SANDY R	WILLAMETTE R	
1973		257,349	17,324.5	67.3		5/74	SANDY R	WILLAMETTE R	
1974	70,335		616.4	8.7	6.9- 18.1	8-11/74	GNAT CR	WILLAMETTE R	
1974	10,752		203.2	18.8		12/74	GNAT CR		
1974		99,918	7,229.4	72.3		4/75	CLATSKANIE R	GNAT CR	YOUNGS BAY TRB
1974		41,929	2,777.3	66.2		4/75	CLACKANAS R		
1974		160,544	11,179.7	69.6		4- 5/75	SANDY R		
1974		105,750	7,344.1	69.4		4/75	HOOD R		
1974		35,382	2,675.7	75.6		4- 5/75	COL RIVER I	SANDY R	
1974		70,230	5,309.3	75.5		5/75	CLACKANAS R	MCKENZIE R	
1975	83,600		997.9	11.9		10/75	GNAT CR		
1975		107,930	7,531.9	69.7		4/76	CLACKANAS R		
1975		35,666	2,527.9	70.8		4/76	SANDY R		
1975		40,013	2,406.8	60.1		5/76	YOUNGS BAY TRB		
1975		30,800	1,781.8	56.7		5/76	CLATSKANIE R		
1975		30,029	1,769.0	58.9		5/76	GNAT CR		
1975		93,204	5,129.7	55.0		5/76	WILLAMETTE R		
1975		189,995	11,650.1	61.3		5/76	SANDY R		
1976	74,750		20.0	0.2		4/76	COL RIVER 2		
1976	19,755		539.8	27.3		9/76	COL RIVER 2		

TABLE 264.--COLUMBIA BASIN-- OREGON
HOOD RIVER HATCHERY - OREGON DEPARTMENT OF FISH AND WILDLIFE
RELEASE OF- CONO SALMON.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1958-66 1967	238,357	0	0 541.1	2.2		8/68	HOOD R	

TABLE 265.--COLUMBIA BASIN- OREGON
HOOD RIVER HATCHERY - OREGON DEPARTMENT OF FISH AND WILDLIFE
RELEASE OF- STEELHEAD TROUT.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1959	S		17,380	41.2		4/60	HOOD R	
1960	S		23,076	58.3		12/61	HOOD R	
1961		0	0					
1962	S		39,985	42.8	41.2- 45.3	5- 9/63	HOOD R	
1963	S		46,930	47.1	41.2- 50.3	6-11/64	HOOD R	
1964	S		15,750	64.8		4/65	HOOD R	
1965-66		0	0					
1967	S	238,357	541.1	2.2		8/68	HOOD R	

TABLE 266.--COLUMBIA BASIN- OREGON
 KLASKANINE HATCHERY - OREGON DEPARTMENT OF FISH AND WILDLIFE
 RELEASE OF- FALL CHINOOK SALMON.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1959		1,425,508	2,204.5	1.5	1.2- 1.6	3- 6/60	KLASKANINE R	
1960		101,420	191.0	1.8		3/61	KLASKANINE R	
1961		568,032	1,080.5	1.9		4/62	KLASKANINE R	
1962		137,132	473.1	3.4		4/63	KLASKANINE R	
1963		252,216	1,588.9	6.2		5/64	KLASKANINE R	
1964	921,545		963.9	1.0	0.9- 1.8	3- 4/65	CLACKANAS R	
1964		191,636	944.8	4.9		6/65	KLASKANINE R	
1965		324,246	1,885.6	5.8		5/66	KLASKANINE R	
1966		470,608	2,922.5	6.2		5/67	KLASKANINE R	
1967-68	0	0	0					
1969		492,633	2,793.2	5.6		5/70	KLASKANINE R	
1969		1,437,995	8,288.5	5.7		5/70	BIG CR	
1970		1,778,507	3,737.1	2.1		4/71	TANNER CR	
1971		1,023,344	4,736.4	4.6		4/72	KLASKANINE R	
1972-73	0	0	0					
1974		721,883	4,682.9	6.4	6.3- 7.8	5- 6/75	KLASKANINE R	
1974		88,447	3,861.9	48.0		11/75	KLASKANINE R	
1975		3,935,644	24,780.7	6.2		5/76	KLASKANINE R	

TABLE 267.--COLUMBIA BASIN-- OREGON
 KLASKANINE HATCHERY - OREGON DEPARTMENT OF FISH AND WILDLIFE
 RELEASE OF-- CONDO SALMON.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL HEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1958		348,882	6,489.3	18.3		3/60	KLASKANINE R	
1959		787,955	24,055.8	30.5	28.3- 34.8	2/61	KLASKANINE R	
1960	50,140		113.4	2.2		5/61	KLASKANINE R	
1960		1,123,940	34,066.1	30.3	28.3- 32.3	2- 3/62	KLASKANINE R	
1961		1,078,974	27,140.2	25.1		3- 4/63	KLASKANINE R	
1962	965,351		397.3	0.4		1- 3/63	COL RIVER 1	
1962	350,000		144.2	0.4		3/63	COL RIVER 2	
1962	200,000		82.6	0.4		3/63	KLASKANINE R	
1962		1,603,391	53,993.8	33.6		3- 4/64	KLASKANINE R	
1963	3,324		2.3	0.6		3/64	KLASKANINE R	
1963		1,717,921	58,703.0	34.1	28.3- 37.7	2- 3/65	KLASKANINE R	
1964	2,824,853		1,138.5	0.4		2/65	HILLAMETTE R	
1964	744,393		312.1	0.4		3/65	YOUNGS BAY TRB	
1964	201,680		654.1	3.2		6/65	YOUNGS BAY TRB	
1964	100,800		326.6	3.2		6/65	HILLAMETTE R	
1964		1,475,525	45,571.1	30.8		3/66	HILLAMETTE R	
1965	2,901,134		1,253.3	0.4		2- 3/66	HILLAMETTE R	
1965		1,308,280	43,211.9	33.0		3/67	KLASKANINE R	
1966	2,514,124		1,050.5	8.4		2/67	HILLAMETTE R	
1966		1,235,000	34,896.2	28.2		3/68	KLASKANINE R	
1967	1,771,884		753.4	8.4		2- 3/68	HILLAMETTE R	
1967		1,311,240	48,460.4	30.8		4/69	KLASKANINE R	
1968	50,000		19.1	0.3		2/69	KLASKANINE R	
1968		161,055	4,682.6	28.5		3/70	HILLAMETTE R	
1968		885,938	28,299.6	31.9		4/70	KLASKANINE R	
1969	456,000		172.4	0.3		2/70	HILLAMETTE R	
1969	102,500		38.6	0.3		2/70	YOUNGS BAY TRB	
1969	102,900		39.0	0.3		2/70	KLASKANINE R	
1969		1,265,474	36,784.4	30.6		5/71	KLASKANINE R	
1970	306,040		115.7	0.3		2/71	YOUNGS BAY TRB	
1970	205,440		77.6	0.3		2/71	YOUNGS BAY TRB	
1970	212,288		80.3	0.3		2/71	KLASKANINE R	
1970	100,000		226.8	2.2		5/71	HILLAMETTE R	
1970		1,196,047	37,415.0	31.2		4/72	KLASKANINE R	
1971	966,892		358.8	0.3		2/72	HILLAMETTE R	
1971	196,000		72.6	0.3		3/72	COL RIVER 1	
1971		1,214,259	37,984.7	31.2		4/73	KLASKANINE R	
1972		1,223,808	38,818.9	31.7		4/74	KLASKANINE R	
1973		1,507,199	52,152.2	34.6		2- 4/75	KLASKANINE R	
1974	275,350		929.9	3.3		6/75	HILLAMETTE R	
1974		1,102,019	40,032.2	36.3		3- 5/76	KLASKANINE R	

TABLE 268.--COLUMBIA BASIN- OREGON
 KLASKANINE HATCHERY - OREGON DEPARTMENT OF FISH AND WILDLIFE
 RELEASE OF- STEELHEAD TROUT.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1959-63	0	0	0					
1964		73,472	4,760.9	64.7		4/65	KLASKANINE R	
1965		51,080	3,048.5	59.6		3/66	KLASKANINE R	
1966		39,180	2,913.4	74.3		4/67	KLASKANINE R	
1967		24,044	1,558.1	64.8		4/68	YOUNGS BAY TRB	
1967		24,988	1,857.9	74.3		4/68	KLASKANINE R	
1968		29,516	1,738.6	58.9		4/69	KLASKANINE R	
1969		54,564	3,227.8	59.1		4/70	KLASKANINE R	
1970		54,929	3,559.3	64.7		4/71	KLASKANINE R	
1971		50,783	3,438.2	67.7		4/72	KLASKANINE R	
1972		59,184	4,058.3	68.5		4/73	KLASKANINE R	
1973		57,185	3,929.9	68.7		4/74	KLASKANINE R	
1974	218,964	51,647	58.8	0.2		3- 4/74	YOUNGS BAY TRB	
1974		32,762	3,848.6	74.3		4/75	KLASKANINE R	
1975			2,436.2	74.3		4/76	KLASKANINE R	

TABLE 269.--COLUMBIA BASIN-- OREGON
LEABURG HATCHERY -- OREGON DEPARTMENT OF FISH AND WILDLIFE
RELEASE OF-- SPRING CHINOOK SALMON.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1958-66	0	0	0					
1967		513,780	14,855.2	28.9		3/69	MCKENZIE R	
1968	217,600		1,618.3	7.4		8/69	MCKENZIE R	
1968		283,168	11,835.1	41.7	41.2- 45.3	3/78	MCKENZIE R	
1969	35,400		488.2	11.5	9.4- 12.5	7- 8/78	MCKENZIE R	
1969		248,620	15,354.1	61.7	41.2- 64.7	1- 3/71	MCKENZIE R	
1970		249,763	9,123.1	36.5	34.8- 41.2	3- 4/72	MCKENZIE R	
1971	98,593		771.1	7.8		8/72	SANTIAM R	
1971	24,276		231.3	9.5		9/72	MCKENZIE R	
1971		230,415	18,976.9	47.6		4/73	MCKENZIE R	
1972		66,595	1,313.6	19.7		1/74	SANTIAM R	
1972		218,472	14,680.2	69.3		4/74	MCKENZIE R	
1973		41,379	1,359.9	32.8		11/74	MCKENZIE R	
1973		167,329	11,846.0	70.7		2/75	MCKENZIE R	

TABLE 270.--COLUMBIA BASIN-- OREGON
LEABURG HATCHERY -- OREGON DEPARTMENT OF FISH AND WILDLIFE
RELEASE OF-- COHO SALMON.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1950-64 1965	0 97,892	0	0 499.1	5.0		1/67	SANTIAM R	

TABLE 271.--COLUMBIA BASIN-- OREGON
LEABURG HATCHERY - OREGON DEPARTMENT OF FISH AND WILDLIFE
RELEASE OF-- STEELHEAD TROUT.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1959-70	0	0	0					
1971	S	32,000	5,715.3	173.6		4/73	MCKENZIE R	
1972	S	27,000	9.1	0.3		1/73	MCKENZIE R	
1972	S	36,865	2,290.5	62.1		4/73	MCKENZIE R	
1973	S	20,390	340.2	16.6		1/74	WILLAMETTE R	
1973	S	35,097	2,487.5	70.8		5/74	MCKENZIE R	
1974	S	3,552	100.7	28.3		2/75	WILLAMETTE R	
1974	S	30,999	2,268.0	73.1		5/75	MCKENZIE R	
1975	S	11,716	547.9	46.7		2/76	WILLAMETTE R	
1975	S	68,106	5,610.5	85.3		5/76	MCKENZIE R	

TABLE 272.--COLUMBIA BASIN-- OREGON
MARION FORKS HATCHERY -- OREGON DEPARTMENT OF FISH AND WILDLIFE
RELEASE OF-- SPRING CHINOOK SALMON.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1958								
1959		1,868,729	13,254.9	7.8		1- 2/60	SANTIAM R	
1959		1,062,275	9,133.1	8.5	7.5- 10.0	11-12/60	SANTIAM R	
1959		879,716	10,487.7	11.8	9.8- 18.1	2/61	SANTIAM R	
1960		1,415,536	19,494.5	13.7		1- 2/62	SANTIAM R	
1961		2,571	29.8	11.2		11/62	WILLAMETTE R	
1961		4,011	72.6	18.1		2/63	WILLAMETTE R	
1961		739,558	9,658.3	13.0		1- 2/63	SANTIAM R	
1962		1,692,554	26,144.6	15.4		11/63	SANTIAM R	
1962		297,050	4,394.9	14.7		2/64	SANTIAM R	
1963			870.8	0.3		2- 5/64	SANTIAM R	
1963	2,425,217	1,942,790	25,687.4	13.2	12.2- 13.7	1- 5/65	SANTIAM R	
1964			19.1	0.3		4/65	DESCHUTES R	
1964	52,786		502.6	0.3		4- 5/65	WILLAMETTE R	
1964	1,399,143	2,890,175	34,525.2	16.5	15.6- 18.8	1- 5/66	WILLAMETTE R	
1964		5,266	116.1	18.5	17.4- 18.8	3- 5/66	DESCHUTES R	
1965			445.4	0.3		3- 4/66	SANTIAM R	
1965		161,884	2,980.1	18.4		11/66	SANTIAM R	
1965		15,410	384.2	24.9		3- 5/67	WILLAMETTE R	
1965		1,998,105	41,339.5	20.6		1- 3/67	SANTIAM R	
1966		1,781,839	40,519.4	22.7		1- 3/68	SANTIAM R	
1967			209.6	0.3		3/68	WILLAMETTE R	
1967	595,281		545.7	0.3		4/68	SANTIAM R	
1967	1,511,807		151.5	0.8		5/68	SANTIAM R	
1967	175,551					9/68	SANTIAM R	
1967		878,995	19,633.3	22.3		1- 5/69	SANTIAM R	
1967		742,059	18,033.5	24.3	18.8- 45.3	4/69	WILLAMETTE R	
1967		73,849	2,319.8	31.7		4/69	SANTIAM R	
1968			37.6	0.3		6/69	SANTIAM R	
1968	182,521		91.6	0.8		5/70	SANTIAM R	
1968	182,080		2,383.8	0.5		4- 5/70	WILLAMETTE R	
1969	4,124,592		177.8	8.5		3- 6/70	SANTIAM R	
1969	313,497		33,807.6	23.8	22.6- 34.8	11-12/70	SANTIAM R	
1969		1,419,654	23,187.6	65.7	45.3- 64.7	3/71	SANTIAM R	
1969		352,730	18,300.2	29.2	22.6- 32.3	4/72	SANTIAM R	
1969		624,895	29,865.4	27.8	23.8- 32.3	4/73	SANTIAM R	
1970		1,103,624	39,061.6	38.4	25.1- 64.7	4/74	SANTIAM R	
1971		1,014,883	27,800.4	27.0	18.1- 50.3	3/75	SANTIAM R	
1972		1,029,920	24,324.3	18.7	17.4- 20.6	10-11/75	SANTIAM R	
1973		1,296,237	23,084.4	32.4		3/76	SANTIAM R	
1974		789,109	20,964.6	31.4		11/76	SANTIAM R	
1974		667,117	14,077.7	28.5				
1975		493,231						

TABLE 273.--COLUMBIA BASIN-- OREGON
MARION FORKS HATCHERY - OREGON DEPARTMENT OF FISH AND WILDLIFE
RELEASE OF-- STEELHEAD TROUT.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1959	403,608		1,344.9	3.3	2.7-	6/60	SANTIAM R	
1960	467,500		4,572.7	9.7	4.0	9/61	SANTIAM R	
1960		72,058	2,606.8	36.1		2/62	SANTIAM R	
1961	212,800		331.6	1.5		3/62	SANTIAM R	
1961	77,889		2,205.8	28.3		2/63	SANTIAM R	
1961		140,334	6,766.2	48.2		3/63	SANTIAM R	
1962	66,854		641.4	9.5		4/63	WILLAMETTE R	
1962		164,597	7,424.9	45.1		3/64	WILLAMETTE R	
1963	41,999		300.7	7.1		5/64	SANTIAM R	
1963		150,930	8,720.3	57.7		4/65	SANTIAM R	
1964	0	0	0					
1965	84,000		635.8	7.5		2/66	SANTIAM R	
1965		186,483	9,185.2	49.2	45.3- 64.7	4- 5/67	SANTIAM R	
1966	33,058		22.2	0.6		8/66	SANTIAM R	
1966	53,562		287.5	5.3	2.4- 7.6	3- 8/67	SANTIAM R	
1966		114,175	6,599.8	57.8		4/68	SANTIAM R	
1967	114,700		19.5	0.1		7/67	SANTIAM R	
1967	50,032		1,111.3	22.2	19.7- 23.8	4-11/68	SANTIAM R	
1967	44,131		997.0	22.5		4/69	SANTIAM R	
1967		85,287	4,988.6	58.5	45.3- 64.7	4/69	SANTIAM R	
1968	29,966		20.4	0.6		11/68	SANTIAM R	
1968	15,448		419.6	27.1		4/69	SANTIAM R	
1968	98,131		299.4	3.0		4/69	SANTIAM R	
1968		125,405	5,505.7	43.9	37.7- 64.7	3- 6/70	SANTIAM R	
1969	101,780		19.1	8.1		7/69	SANTIAM R	
1969	79,348		1,019.7	12.8		9/78	SANTIAM R	
1969		80,121	4,823.4	50.2		4/71	SANTIAM R	
1970		82,795	3,995.2	48.2		4/72	SANTIAM R	
1971	33,373		1,009.2	30.2		10/72	SANTIAM R	
1971		84,368	6,658.1	78.8		4/73	SANTIAM R	
1972		9,972	788.8	70.2		4/74	SANTIAM R	
1973		68,661	4,238.8	69.8		3/75	SANTIAM R	
1974		132,629	6,752.2	50.9		4/76	SANTIAM R	
1975	14,121		186.4	13.2		7- 9/76	SANTIAM R	WILLAMETTE R

TABLE 274.--COLUMBIA BASIN-- OREGON
MCKENZIE HATCHERY -- OREGON DEPARTMENT OF FISH AND WILDLIFE
RELEASE OF-- SPRING CHINOOK SALMON.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1959		444,672	7,355.8	16.5		1- 2/61	MCKENZIE R	
1960		145,864	3,434.1	23.6		1/62	MCKENZIE R	
1961		446,843	8,468.6	18.9	18.8- 20.6	1- 3/63	MCKENZIE R	
1962	32,629		33.6	1.0		7/63	MCKENZIE R	
1962		273,380	5,978.6	21.8		12/63	MCKENZIE R	
1962		339,943	7,511.8	22.0		1/64	MCKENZIE R	
1963	788,208		285.8	8.3		2/64	WARM SPRINGS R	
1963		634,546	12,251.5	19.3	18.1- 20.6	1- 2/65	MCKENZIE R	
1964		63,721	57.2	0.8		6- 7/65	MCKENZIE R	
1964		153,953	14,993.8	22.3	19.7- 22.6	1- 2/66	MCKENZIE R	
1965		58,187	588.8	3.2		6/66	MCKENZIE R	
1965		660,359	1,821.2	36.2		3/67	DESCHUTES R	
1966	54,384		17,689.6	26.7		1- 2/67	MCKENZIE R	
1966	90,820		29.9	0.5		3/67	WILLAMETTE R	
1966		585,710	335.7	3.6	2.2- 4.5	6- 7/67	MCKENZIE R	
1967	256,557		19,087.2	37.7	34.8- 41.2	1/68	MCKENZIE R	
1967		356,912	2,018.8	7.8	1.5- 12.2	5- 7/68	MCKENZIE R	
1968	48,024		21,359.7	59.8		1- 3/69	MCKENZIE R	
1968		388,341	177.4	3.6		8/69	MCKENZIE R	
1968		202,543	18,876.7	49.6		3/70	MCKENZIE R	
1969		458,498	15,113.2	74.6		11/70	MCKENZIE R	
1970		137,768	14,116.7	30.7		3/71	MCKENZIE R	
1970		158,733	9,898.6	71.7		12/71	MCKENZIE R	
1971		2,575	6,539.4	41.1		3/72	MCKENZIE R	
1971		295,632	129.7	50.3		11/72	MCKENZIE R	
1972		312,478	21,516.6	72.7		3/73	MCKENZIE R	
1973			19,475.4	62.3	45.3- 75.5	4/74	MCKENZIE R	
1974		409,247	23,448.3	57.2		4/76	MCKENZIE R	

TABLE 275.--COLUMBIA BASIN-- OREGON
MCKENZIE HATCHERY - OREGON DEPARTMENT OF FISH AND WILDLIFE
RELEASE OF- CONDO SALMON.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1958-60	0	0	0					
1961	451,450	0	187.8	0.4		2/62	DESCHUTES R	
1962-69	0	0	0					
1970	352,640		142.0	0.4		2/71	WILLAMETTE R	
1970	222,957		89.8	0.4		2/71	WILLAMETTE R	
1970	307,638		123.8	0.4		2/71	WILLAMETTE R	

TABLE 276.--COLUMBIA BASIN-- OREGON
METOLIUS WATCHERY
RELEASE OF-- SPRING CHINOOK SALMON.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1958		25,515	551.1	21.5		3/60	DESCHUTES R	
1958		74,046	1,385.7	18.7		3- 4/60	SANTIAM R	
1959		224,602	3,619.2	16.1	15.1- 19.7	2- 3/61	DESCHUTES R	
1960		191,298	2,522.4	13.1		3/62	SANTIAM R	
1961		133,276	1,532.7	11.5		1/63	MCKENZIE R	
1961		48,785	994.7	20.3		4/63	DESCHUTES R	
1962		139,269	1,899.6	13.6		2/64	MCKENZIE R	
1962	58,380		1,026.9	20.8		3/64	DESCHUTES R	
1963	135,525		198.5	3.2		7/64	SANTIAM R	
1963			442.3	3.2		7/64	WILLAMETTE R	
1964-71	0	0						
1972	3,387,200		3,135.2	0.9	0.8- 1.0	4- 5/73	WILLAMETTE R	SANDY R

TABLE 277.--COLUMBIA BASIN-- OREGON
METOLIUS HATCHERY - OREGON DEPARTMENT OF FISH AND WILDLIFE
RELEASE OF- STEELHEAD TROUT.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1958 W		16,976	499.4	29.4		4/60	DESCHUTES R	
1959	0	8	8					
1960 W		28,545	847.3	41.2		3/61	DESCHUTES R	

TABLE 270.--COLUMBIA BASIN-- OREGON
OAKRIDGE HATCHERY -- OREGON DEPARTMENT OF FISH AND WILDLIFE
RELEASE OF-- SPRING CHINOOK SALMON.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1958		1,488,632	23,284.9	16.4		2/68	WILLAMETTE R	
1959		588,866	13,781.5	28.0		11-12/60	WILLAMETTE R	
1959		768,794	16,535.7	21.7	19.7- 22.6	1- 3/61	WILLAMETTE R	
1960		599,169	14,141.6	20.2	18.8- 21.5	11-12/61	WILLAMETTE R	
1960		333,977	6,940.4	20.7	20.6- 37.7	1- 2/62	WILLAMETTE R	
1961		680,381	18,319.2	26.9		11/62	WILLAMETTE R	
1961		851,802	13,294.8	15.6		2/63	WILLAMETTE R	
1962		1,774,333	36,621.7	28.6		11/63	WILLAMETTE R	
1962		1,586,017	26,937.0	16.9		1/64	WILLAMETTE R	
1963	3,795,169		1,725.8	0.4		1- 4/64	GLACKANAS R	
1963	170,536		67.1	0.3		3/64	WILLAMETTE R	
1963		2,835,212	58,287.5	17.7		11/64	WILLAMETTE R	
1963		767,494	29,810.1	38.8		3/65	WILLAMETTE R	
1964		16,015	550.7	34.3		3/66	DESHUTES R	
1964		3,793,292	87,443.5	23.8	18.8- 32.3	1- 3/66	WILLAMETTE R	
1965	1,090,808		420.9	0.3		1- 3/66	WILLAMETTE R	
1965	101,275		45.8	0.4		3/66	MCKENZIE R	
1965	225,246		182.1	0.4		3/66	DESHUTES R	
1965		3,744,889	88,143.4	23.5	21.5- 25.1	1- 3/67	WILLAMETTE R	
1966	267,746		95.7	0.3		3/67	SANTIAM R	
1966	289,790		183.4	0.3		3- 4/67	WILLAMETTE R	
1966		13,039	622.3	47.7		3- 4/68	WILLAMETTE R	
1966		2,714,169	95,889.8	35.3	30.2- 58.3	1- 4/68	WILLAMETTE R	
1967	914,870		352.9	0.3		3/68	WILLAMETTE R	
1967		10,851	468.6	43.1		12/68	SANTIAM R	
1967		696,404	29,429.1	42.2		9/68	WILLAMETTE R	
1967		1,047,418	58,955.2	56.2		3/69	WILLAMETTE R	
1968	485,431		217.3	8.4		4/69	WILLAMETTE R	
1968	974,868		427.3	0.4		4/69	WILLAMETTE R	
1968	368,173		225.9	6.6		3/69	WILLAMETTE R	
1968		1,345,874	64,732.6	48.0		10/69	WILLAMETTE R	
1969	1,080,920		586.0	0.5		3/70	WILLAMETTE R	
1969		905,627	44,697.8	49.3		3- 4/70	WILLAMETTE R	
1969		539,291	16,987.5	31.4		11/70	WILLAMETTE R	
1970	364,200		275.3	0.7		3/71	WILLAMETTE R	
1970	2,346,631		2,942.5	1.2		4/71	WILLAMETTE R	
1970		329,229	21,412.7	65.0		11/71	WILLAMETTE R	
1971	2,074,174		48,415.1	41.6	41.2- 64.7	3- 4/72	WILLAMETTE R	
1971	1,235,019		1,754.5	0.8		5/72	SANTIAM R	
1971	536,870		997.8	0.8	0.5- 2.7	5/72	WILLAMETTE R	
1971	163,430		740.7	1.3		7/72	WILLAMETTE R	
1971		1,377,811	928.8	5.6	41.2-113.3	1- 4/73	MCKENZIE R	
1971		184,657	14,825.2	80.2	56.5- 90.7	4/73	MCKENZIE R	
1972		1,136,749	50,289.8	44.2	37.7- 64.7	3- 4/74	MCKENZIE R	
1973	681,364		563.4	0.9		4/74	WILLAMETTE R	

TABLE 276.--CONTINUED.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1973		1,940,278	84,272.9	43.4	32.3- 56.6	3- 4/75	MCKENZIE R	
1974	1,818,961		1,658.3	0.9	0.7- 1.2	4- 5/75	SANTIAM R	
1974		386,662	13,439.9	34.7		11/75	WILLAMETTE R	WILLAMETTE R

TABLE 279.--COLUMBIA BASIN-- OREGON
OAKRIDGE HATCHERY -- OREGON DEPARTMENT OF FISH AND WILDLIFE
RELEASE OF-- CONO SALMON.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1958-59	0	0	0					
1960		42,559	1,184.3	27.8		1/62	WILLAMETTE R	
1961		93,339	2,568.1	27.4		2/63	WILLAMETTE R	
1962	0	0	0					

TABLE 280.--COLUMBIA BASIN-- OREGON
OAK SPRINGS HATCHERY - OREGON DEPARTMENT OF FISH AND WILDLIFE
RELEASE OF- SPRING CHINOOK SALMON.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1958-65	0	0	0					
1966		9,900	488.2	41.2		6/67	DESCHUTES R	
1967		40,183	1,988.2	48.5		7/68	DESCHUTES R	
1968		94,637	3,377.0	35.6	13.7- 50.3	5- 7/69	DESCHUTES R	
1969		8,985	109.8	12.3	12.2- 23.8	4/70	DESCHUTES R	
1969		51,848	5,532.5	106.7		11/70	DESCHUTES R	
1970	28,510		132.9	6.4		6/71	DESCHUTES R	
1971	60,800		275.8	4.5		4/72	DESCHUTES R	

TABLE 281.--CONTINUED.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1975 S		82,115	9,311.3	113.3		5/76	MCKENZIE R	

TABLE 282.--COLUMBIA BASIN-- OREGON
 OXBOW HATCHERY
 RELEASE OF-- FALL CHINOOK SALMON.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1959		8,051,847	11,626.8	1.4	1.8- 1.9	4/60	HERMAN CR	
1960		4,447,896	8,993.8	2.8		4/61	HERMAN CR	
1961		4,549,959	9,589.1	2.0		5/62	HERMAN CR	
1962		4,916,873	11,426.8	2.3		5/63	HERMAN CR	
1963		6,124,848	14,738.9	2.4		5/64	HERMAN CR	
1964	868,798		373.8	0.4		2/65	SANTIAM R	
1964	541,209		291.2	0.5		5/65	CLACKAMAS R	
1964	260,800		147.9	0.5		6/65	CLACKAMAS R	
1964		372,835	381.8	1.0		6/65	CLACKAMAS R	
1964		1,398,596	3,715.4	2.6		6/65	HERMAN CR	
1965		499,994	1,283.2	2.5		4/66	SANTIAM R	
1965		2,429,233	11,480.8	4.7		5/66	HERMAN CR	
1966	1,599,800		597.4	0.3		2/67	SANTIAM R	
1966	1,743,008		651.4	0.3		2/67	CLACKAMAS R	
1966		588,132	1,159.4	2.3		4/67	WILLAMETTE R	
1966		2,931,680	13,841.4	4.7		5/67	HERMAN CR	
1967		2,742,818	15,172.2	5.5		6/68	HERMAN CR	
1967		189,664	698.8	6.2		6/68	TANNER CR	
1968		2,365,560	12,249.7	5.1	4.9- 5.2	5/69	TANNER CR	
1968		640,142	3,201.8	5.0	4.9- 5.6	5/69	COL RIVER 3	
1969		3,865,966	16,863.7	5.5		5/70	TANNER CR	
1970	90,439		54.8	0.5		4/71	COL RIVER 3	
1970		7,964,426	19,543.5	2.4		4/71	COL RIVER 3	
1971		2,681,420	10,387.9	3.9		5/72	TANNER CR	
1972		1,459,332	7,880.3	5.3		5/73	TANNER CR	
1973		2,912,735	15,828.1	5.4		5/74	TANNER CR	
1974		3,111,946	18,487.1	5.9		5/75	TANNER CR	

TABLE 203.--COLUMBIA BASIN-- OREGON
 OXBOW HATCHERY - OREGON DEPARTMENT OF FISH AND WILDLIFE
 RELEASE OF-- SPRING CHINOOK SALMON.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1958-70	0	0	0					
1971	355,272	0	307.5	0.8		5/72	COL RIVER 3	
1971	581,361	0	1,412.5	2.4	2.2- 2.7	5/72	WILLAMETTE R	
1972-73	0	0	0					
1974		61,315	2,353.2	38.5		4/76	SANDY R	

TABLE 284.---COLUMBIA BASIN-- OREGON
 OXBOW HATCHERY -- OREGON DEPARTMENT OF FISH AND WILDLIFE
 RELEASE OF-- COHD SALMON.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1958		205,266	3,131.1	15.2		1/60	HERMAN CR	
1959		264,186	4,793.6	18.1		3/61	HERMAN CR	
1960		283,283	6,119.8	21.6		3/62	HERMAN CR	
1961		353,018	8,573.8	24.2		12/62	HERMAN CR	
1962	546,858		205.5	0.3		3/63	HOOD R	
1962	289,198		109.8	0.3		3/63	HERMAN CR	
1962			6,291.8	18.0		12/63	HERMAN CR	
1963		349,434	9,246.8	23.2		1/65	TANNER CR	
1963		398,176	1,862.9	26.6		4/65	HERMAN CR	
1963		69,819	453.1	0.4		2/65	DESCHUTES R	
1964	1,899,432		448.9	6.8		8/65	WILLAMETTE R	
1964	64,152		8,209.1	21.4		3/66	TANNER CR	
1964			173.3	0.4		2/66	WILLAMETTE R	
1965	419,577		13,916.2	29.4		3/67	TANNER CR	
1965		472,800	0					
1966-67	0		23.6	0.3		2/69	HERMAN CR	
1968	61,800		0			4/75	TANNER CR	
1969-72	0		10,958.8	29.1				
1973		375,858						

TABLE 205.--COLUMBIA BASIN-- OREGON
ROARING RIVER HATCHERY - OREGON DEPARTMENT OF FISH AND WILDLIFE
RELEASE OF- STEELHEAD TROUT.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1959 S	4,620		104.8	22.6		6/60	SILETZ R	
1959 S		33,266	1,766.3	53.0		4/60	SILETZ R	
1960	0	0						
1961 S		44,228	2,567.8	58.0		3- 5/62	SILETZ R	
1962 S		18,014	1,067.8	58.1		4/63	SILETZ R	
1963 S		13,707	542.0	39.5	32.3- 41.2	4- 5/64	SILETZ R	
1964 S		39,569	2,482.1	62.6		3- 4/65	NESTUGCA R	SILETZ R
1965	0	0						
1966 S		4,720	214.1	45.3		5/67	SILETZ R	
1967	0	0						
1968 S		27,573	1,108.1	40.1	37.7- 41.2	5/69	MCKENZIE R	
1969-70	0	0						
1971 W	76,220		217.3	2.8		9/71	C ORE COASTAL	
1971 W	17,038		328.9	19.3		3/72	SIUSLAW R	
1971 W		150,532	14,037.3	93.2		4- 5/72	C ORE COASTAL	
1972 W	6,700		121.6	18.1		3/73	CLACKAMAS R	
1972 W		54,402	3,515.3	64.6		4/73	CLACKAMAS R	
1972 S		62,936	3,964.4	62.9		4/73	WILLAMETTE R	
1973 S		82,878	5,080.2	61.3		4/74	SANTIAM R	
1974 S	51,909		548.8	10.5		12/74	SANTIAM R	
1974 W		80,633	5,304.8	65.7		4/75	CLACKAMAS R	HERMAN CR
1974 S		82,752	5,484.4	66.2		4/75	SANTIAM R	
1975 S	25,256		349.3	13.8		9/75	COL RIVER 3	
1975 S	10,000		401.4	40.1		11/75	WILLAMETTE R	
1975 W	22,876		340.2	14.8		12/75	WILLAMETTE R	
1975 W		58,885	3,473.2	59.4		4/76	WILLAMETTE R	
1975 W		111,410	7,838.1	70.3		4/76	CLACKAMAS R	
1975 S		81,780	6,483.2	79.2		4/76	SANTIAM R	
1976 W	26,520		351.5	13.2		11/76	WILLAMETTE R	

TABLE 286.--COLUMBIA BASIN-- OREGON
ROUND BUTTE HATCHERY - OREGON DEPARTMENT OF FISH AND WILDLIFE
RELEASE OF- SPRING CHINOOK SALMON.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1958-71	-	-	-	-	-	-	-	-
1972	298,095	-	2,182.2	7.3	5.3- 8.8	4- 6/73	DESCHUTES R	DESCHUTES R
1972		145,214	9,479.6	65.2		3/74	DESCHUTES R	DESCHUTES R
1973	416,995		3,612.9	8.6	5.0- 17.4	4- 6/74	DESCHUTES R	DESCHUTES R
1973		138,934	8,997.5	68.7	28.3- 64.7	1- 4/75	DESCHUTES R	DESCHUTES R
1974	32,689		456.8	13.9	11.9- 15.1	5- 6/75	DESCHUTES R	DESCHUTES R
1974		296	6.8	22.9		8- 9/75	DESCHUTES R	DESCHUTES R
1974		19,238	876.3	45.5	30.2- 75.5	10-12/75	DESCHUTES R	DESCHUTES R
1975		39,612	1,941.4	48.7		9-10/76	DESCHUTES R	DESCHUTES R

-- INDICATES HATCHERY NOT IN OPERATION

TABLE 287.--COLUMBIA BASIN-- OREGON
 ROUND BUTTE HATCHERY - OREGON DEPARTMENT OF FISH AND WILDLIFE
 RELEASE OF- SUMMER CHINOOK SALMON.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1960-73	0	0	0			4/75	DESCHUTES R	
1974	40,768	6,179	355.6	8.7		5- 6/75	DESCHUTES R	
1974		62,791	93.4	15.1		5- 6/76	DESCHUTES R	
1975			1,016.8	16.1				

TABLE 288.--COLUMBIA BASIN-- OREGON
ROUND BUTTE HATCHERY - OREGON DEPARTMENT OF FISH AND WILDLIFE
RELEASE OF- STEELHEAD TROUT.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1959-71	-	-	-	-	-	-	-	-
1972	0	0	0	0	0	0	0	0
1973	13,440	13,440	1,646.5	0.6	3.5-	6/73	DESCHUTES R	DESCHUTES R
1973	446,437	446,437	11,841.8	3.6	3.7	9-10/73	DESCHUTES R	DESCHUTES R
1973	333,808	333,808	1,545.8	4.6	3.1-	8- 9/74	DESCHUTES R	DESCHUTES R
1974	594	594	24.5	41.2	5.3	0- 9/74	DESCHUTES R	DESCHUTES R
1974	168,925	168,925	14,101.3	83.4	0.9-	1- 2/75	DESCHUTES R	DESCHUTES R
1975	222,650	222,650	1,178.9	5.2	7.9	3- 5/75	DESCHUTES R	DESCHUTES R
1975	161,854	161,854	15,471.6	95.5	0.9-	7- 9/75	DESCHUTES R	DESCHUTES R
1976	324,369	324,369	1,933.7	5.9	0.9-	1- 5/76	DESCHUTES R	DESCHUTES R
						9/76	DESCHUTES R	DESCHUTES R

-- INDICATES HATCHERY NOT IN OPERATION

TABLE 289.--COLUMBIA BASIN-- OREGON
SANDY HATCHERY
RELEASE OF-- FALL CHINOOK SALMON.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1959		2,919,481	3,147.9	1.0	1.5-	4/60	HERMAN CR	
1960		557,162	1,221.5	2.1	5.1	4- 7/61	SANDY R	
1961		231,999	355.6	1.5		6/62	SANDY R	
1962	136,558		62.1	0.4		4- 5/63	SANDY R	
1962		79,464	489.6	5.1		6/63	SANDY R	
1962		65,384	2,485.4	36.7		3/64	SANDY R	
1963	30,000		11.3	0.3		1/64	WILLAMETTE R	
1963	19,000		7.3	0.3		1/64	UMATILLA R	
1963		969,154	3,927.2	4.0		6/64	SANDY R	
1964		1,000,418	5,043.5	5.0	4.0-	5- 6/65	SANDY R	
1965		174,648	1,144.4	6.5		6/66	SANDY R	
1966	34,399		13.2	0.3		3/67	SANDY R	
1967		58,890	342.5	5.8		6/68	SANDY R	
1968	48,876		20.9	0.4		1/69	SANTIAM R	
1968	11,200		5.0	0.4		1/69	SANDY R	
1969		946,846	5,392.3	5.6		6/70	BIG CR	
1970	0	0	0					
1971	15,361		0.2	0.5		1/72	SANDY R	
1971		424,000	576.5	1.3		4/72	CLACKAMAS R	
1971		101,520	191.9	1.8		4/72	SANDY R	
1972		789,956	3,378.4	4.2	4.1-	5/73	TANNER CR	
1973-74	0	0	0					
1975		8,484	43.5	5.1	4.5-	5/76	WILLAMETTE R	
1975		16,634	117.9	7.0		5/76	SANDY R	

TABLE 290.--COLUMBIA BASIN- OREGON
SANDY HATCHERY
RELEASE OF- SPRING CHINOOK SALMON.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION	RELEASE LOCATION
1959	69,700		90.3	1.2		5/68	SANDY R		
1960-65	0	0	0						
1966		55,980	2,123.3	37.9		1/68	SANDY R		
1967		42,781	2,349.2	54.9		1/69	SANDY R		
1968-72	0	0	0						
1973		51,208	1,814.4	35.4		4/75	SANDY R		
1974		12,751	633.7	49.6		5/76	WILLAMETTE R		
1975		6,682	291.8	30.2		12/76	WILLAMETTE R		

TABLE 291.--COLUMBIA BASIN-- OREGON
SANDY HATCHERY - OREGON DEPARTMENT OF FISH AND WILDLIFE
RELEASE OF-- COHO SALMON.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1958		450,999	9,471.5	21.0		3/60	SANDY R	
1959	518,790		316.2	0.6		5-12/60	SANDY R	
1959	335,542		201.4	0.6		5/60	WILLAMETTE R	
1959	108,794		68.3	0.5		5/60	WILLAMETTE R	
1959		641,122	11,536.2	17.9	15.7- 19.7	2/61	SANDY R	
1960	150,913		305.3	2.0		5- 7/61	WILLAMETTE R	
1960	181,158		127.5	1.2	1.5- 4.4	5/61	COL RIVER 2	
1960	97,840		690.8	7.0		7/61	SANDY R	
1960		63,158	1,245.6	19.7		3/62	WILLAMETTE R	
1960		580,596	13,664.9	23.5		4/62	SANDY R	
1961	100,346		43.5	0.4		3/62	SANDY R	
1961	161,196		79.8	0.4		4/62	WILLAMETTE R	
1961		68,365	1,425.2	23.6		3/63	WILLAMETTE R	
1961		955,494	23,385.0	24.4		4/63	SANDY R	
1962	505,368		194.6	0.3		3/63	SANDY R	
1962	616,215		233.1	0.3		3- 4/63	WILLAMETTE R	
1962		61,814	1,446.5	23.4		3/64	WILLAMETTE R	
1962		889,692	24,157.4	27.1	22.6- 23.8	4/64	SANDY R	
1963			604.9	0.3		3/64	DESCHUTES R	
1963	1,845,388		9.5	0.3		3/64	SANDY R	
1963	23,881		6,401.5	24.3		3/65	WILLAMETTE R	
1963		262,845	22,959.0	28.0	21.5- 26.6	3/65	SANDY R	
1963		817,362	365.1	0.3	22.6- 30.2	2/65	SANDY R	
1964	939,980		1,075.9	0.3		2- 3/65	WILLAMETTE R	
1964	2,781,248		8,245.4	27.8		3/66	WILLAMETTE R	
1964		296,224	13,351.5	27.9		3/66	SANDY R	
1964		477,224	320.2	0.3		3- 4/66	WILLAMETTE R	
1965	835,222		150.6	0.4		3- 4/66	SANDY R	
1965	373,712		26,358.7	27.5		3/67	SANDY R	
1965	539,697		220.4	0.4		2/67	SANDY R	
1966	1,588,000		635.9	0.4		2- 3/67	WILLAMETTE R	
1966		1,012,971	2,496.1	2.4		5- 6/67	WILLAMETTE R	
1966		1,019,800	27,117.1	26.6		3/68	SANDY R	
1967	3,582,285		1,381.2	0.3		2- 3/68	WILLAMETTE R	
1967		825,773	27,281.8	33.0		4/69	SANDY R	
1968	1,448,685		495.3	0.3		3- 4/69	WILLAMETTE R	
1968	389,682		103.4	0.3		4/69	SANDY R	
1968	94,810		358.3	3.8		7/69	WILLAMETTE R	
1968		448,325	12,661.1	28.2		3/70	WILLAMETTE R	
1968		459,080	14,279.1	31.1		4/70	SANDY R	
1969	254,240		91.6	0.3		2- 3/70	SANDY R	
1969	1,986,854		716.2	0.3		2- 3/70	WILLAMETTE R	
1969		17,963	322.1	17.9		12/70	SANDY R	
1969		979,887	29,734.3	30.3		3/71	SANDY R	
1970		1,000,924	34,239.4	31.6		4/72	SANDY R	
1971	798,856		258.1	0.3		3/72	SANDY R	
1971		959,303	29,159.2	30.3	28.3- 32.3	4/73	SANDY R	

TABLE 291.--CONTINUED.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1972		949,424	26,255.7	27.6	22.6- 30.2	3- 4/74	SANDY R	WILLAMETTE R
1973	601,533		506.2	0.8	1.3- 2.7	3- 6/74	SANDY R	SANTIAM R
1973		280	4.5	22.5		12/74	WILLAMETTE R	WILLAMETTE R
1973		90,332	2,746.5	30.4		4/75	SANDY R	
1973		831,920	26,166.8	31.4		4/75	WILLAMETTE R	
1974	389,389		454.9	1.4		5/75	SANDY R	
1974	100,792		265.8	2.6		6/75	SANDY R	
1974		4,216	186.1	25.1		3/75	WILLAMETTE R	
1974		550	10.0	18.1		10/75	WILLAMETTE R	
1974		61,836	1,724.1	28.2		2- 4/76	WILLAMETTE R	
1974		961,990	28,956.9	30.1		4- 5/76	SANDY R	

TABLE 292.--COLUMBIA BASIN-- OREGON
SANDY HATCHERY - OREGON DEPARTMENT OF FISH AND WILDLIFE
RELEASE OF- STEELHEAD TROUT.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1960-73	0	0	0					
1974 W		3,342	257.2	76.9		6/76	SANDY R	
1974 W		9,722	682.7	70.2		5- 6/76	WILLAMETTE R	

TABLE 293.--COLUMBIA BASIN- OREGON
SOUTH SANTIAM HATCHERY - OREGON DEPARTMENT OF FISH AND WILDLIFE
RELEASE OF- FALL CHINOOK SALMON.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1959-72 1973	8	311,977	1,239.6	3.9		4/74	SANTIAM R	

TABLE 295.--COLUMBIA BASIN-- OREGON
SOUTH SANTIAM HATCHERY - OREGON DEPARTMENT OF FISH AND WILDLIFE
RELEASE OF-- STEELHEAD TROUT.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1959-67	0	0	0					
1968	34,886		153.7	4.6		10/68	WILLAMETTE R	
1968	12,135		164.2	13.5		4/69	WILLAMETTE R	
1968		66,808	2,640.8	39.5		4/69	WILLAMETTE R	
1969	14,490		156.5	10.8		3/70	WILLAMETTE R	
1969	86,958		2,758.3	31.7		3/70	WILLAMETTE R	
1970	34,562		880.9	25.4		1/71	SANTIAM R	
1970		75,289	4,615.3	61.3		4/71	SANTIAM R	
1971		69,666	4,027.4	57.8		4/72	SANTIAM R	
1972	3,700		1.4	0.3		4/72	SANTIAM R	
1972	60,433		1,370.3	22.6		12/72	WILLAMETTE R	
1972		193,940	13,359.2	68.8		3- 4/73	SANTIAM R	
1973		167,888	8,420.9	50.3		4/74	SANTIAM R	
1974		161,398	11,527.1	71.4		4/75	SANTIAM R	
1975		192,283	15,684.3	81.6		4/76	SANTIAM R	

TABLE 296.--COLUMBIA BASIN-- OREGON
WALLOMA HATCHERY - OREGON DEPARTMENT OF FISH AND WILDLIFE
RELEASE OF- STEELHEAD TROUT.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1959-65	0	0	0					
1966 S	55,518		137.8	2.4		9/66	JOHN DAY R	
1967 S	142,240		259.8	1.8		10/67	UMATILLA R	
1968-69	0	0	0					
1970 S		102	7.7	75.4		6/71	COL RIVER 4	
1971 S		36,603	3,322.6	98.7		4- 5/72	COL RIVER 4	
1972 S	8,816		34.5	3.9		9/72	COL RIVER 4	
1972 S		73,375	4,139.0	56.4		5- 6/73	COL RIVER 4	
1973 S		696	44.9	64.5		5/74	COL RIVER 4	
1974 S		49,658	1,501.4	30.2		5/75	GRND RONDE ID	

TABLE 297.--COLUMBIA BASIN-- OREGON
WIZARD FALLS HATCHERY - OREGON DEPARTMENT OF FISH AND WILDLIFE
RELEASE OF- SPRING CHINOOK SALMON.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1958-65	0	0	0			10-11/67	DESCHUTES R	
1966		71,150	5,223.6	73.4		10/68	DESCHUTES R	
1967		66,557	5,812.3	87.3		3/69	DESCHUTES R	
1968	354,169		1,451.8	4.8	3.6- 7.5	11/69	DESCHUTES R	
1968		56,882	4,159.4	74.1		7/70	DESCHUTES R	
1968		221	35.8	161.9		3- 6/70	DESCHUTES R	
1969	276,362		1,345.8	4.8	2.3- 9.8	12/70	DESCHUTES R	
1969		18,278	1,727.3	94.5		1- 3/71	DESCHUTES R	
1969		37,156	3,192.8	85.9	28.3- 90.7	3/71	DESCHUTES R	
1970	240,210		1,182.2	4.5		4/72	DESCHUTES R	
1971	168,219		978.7	5.7				

TABLE 298.--COLUMBIA BASIN-- OREGON
WIZARD FALLS HATCHERY - OREGON DEPARTMENT OF FISH AND WILDLIFE
RELEASE OF- STEELHEAD TROUT.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1959-64	0	8	0			9/65	DESCHUTES R	
1965	38,615		120.7	3.1		4- 6/66	DESCHUTES R	
1965		78,192	4,948.2	78.4	56.6- 75.5	9-10/66	DESCHUTES R	
1966	25,880		93.4	3.6	3.2- 15.6	3- 6/67	DESCHUTES R	
1966		75,353	3,788.9	50.2		3- 6/68	DESCHUTES R	
1967		86,133	6,177.8	71.7	56.6- 75.5	4/69	DESCHUTES R	
1967		280	85.3	304.6		12/68	DESCHUTES R	
1968	117,555		1,440.2	12.2		3- 4/69	DESCHUTES R	
1968		84,762	5,627.9	78.1	75.5- 90.7	9-12/69	DESCHUTES R	
1969	49,916		249.9	5.0	4.5- 16.7	3- 4/70	DESCHUTES R	
1969		76,203	6,479.6	85.0		8-11/70	DESCHUTES R	
1970	66,192		546.1	8.2		4/71	DESCHUTES R	
1970		79,343	7,028.8	88.5		3- 4/72	DESCHUTES R	
1971		123,692	11,338.8	91.6	56.6-113.3	8/72	DESCHUTES R	
1972	42,554		185.1	4.3		4/73	DESCHUTES R	
1972		164,572	14,744.8	89.5				
1973	0	8	0			6/75	UMATILLA R	
1974		11,094	539.8	48.6				

TABLE 299.--COLUMBIA BASIN-- OREGON
AUMSVILLE POND - OREGON DEPARTMENT OF FISH AND WILDLIFE
RELEASE OF-- FALL CHINOOK SALMON.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1959-68	-	-	-	-	-	-	-	-
1969		4,899,780	21,239.5	4.3	4.1-	5/70	SANTIAM R	
1970		5,323,698	30,027.8	5.6	2.7- 5.1	5/71	SANTIAM R	
1971		4,313,419	20,015.2	4.6	4.2- 4.8	5/72	WILLAMETTE R	
1972		6,827,822	34,654.9	5.7	3.9- 5.2	5- 6/73	WILLAMETTE R	
1973		5,962,852	28,437.8	4.7	3.4- 5.3	4- 5/74	WILLAMETTE R	
1973		1,477,388	7,967.4	5.3		4- 5/74	SANTIAM R	WILLAMETTE R
1974		10,933,457	64,924.9	5.9	5.5- 6.2	4- 5/75	SANTIAM R	WILLAMETTE R
1975		6,289,346	33,312.7	5.3	4.6- 5.8	4- 5/76	SANTIAM R	WILLAMETTE R

-- INDICATES HATCHERY NOT IN OPERATION

TABLE 300.--COLUMBIA BASIN-- OREGON
DEXTER POND
RELEASE OF-- SPRING CHINOOK SALMON.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1958-67	0	0	0					
1968		301,768	19,011.8	62.9		1/70	WILLAMETTE R	
1969		468,621	29,557.4	63.8	8-12/70	8-12/70	WILLAMETTE R	
1970		1,114,574	45,338.4	40.6	3/72	3/72	WILLAMETTE R	
1971		1,291,613	74,753.8	57.8	12/73	12/73	WILLAMETTE R	
1972-73	0	0	0					
1974		686,198	24,772.8	40.8	10/75	10/75	WILLAMETTE R	
1974		1,457,917	67,503.2	46.3	3/76	3/76	WILLAMETTE R	
1975	1,095,937		1,448.8	1.3	4/76	4/76	WILLAMETTE R	
1975		601,043	36,350.4	60.4	12/76	12/76	WILLAMETTE R	

TABLE 301.--COLUMBIA BASIN-- OREGON
SALEM POND
RELEASE OF-- FALL CHINOOK SALMON.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION	RELEASE LOCATION
1959-66	-	-	-	-	-	-	-	-	-
1967	-	1,741,317	9,418.7	5.4	-	5/68	WILLAMETTE R	-	-
1968	-	1,248,796	5,861.3	4.6	-	5- 6/69	WILLAMETTE R	-	-
1969	-	1,689,943	9,935.9	5.8	5.5- 7.0	5/70	WILLAMETTE R	-	-
1970	-	1,504,617	10,854.8	7.2	2.8- 8.7	5/71	WILLAMETTE R	-	-
1971	-	1,868,859	9,641.6	5.1	4.2- 5.8	5/72	WILLAMETTE R	-	-
1972	-	2,799,976	17,486.9	6.2	5.5- 7.4	5/73	WILLAMETTE R	-	-

-- INDICATES HATCHERY NOT IN OPERATION

TABLE 302.--COLUMBIA BASIN-- OREGON
 STAYTON POND
 RELEASE OF-- FALL CHINOOK SALMON.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION	RELEASE LOCATION
1959-67	-	-	-	-	-	-	-	-	-
1968	-	29,459	195.5	6.6		6/69	SANTIAM R		
1969	-	4,128,074	13,579.5	3.2		5/70	SANTIAM R		
1970	-	3,737,296	20,744.1	5.5		5/71	SANTIAM R		
1971	-	4,854,615	22,304.8	4.5	3.8-	5/72	WILLAMETTE R		
1972	-	5,150,266	22,501.4	4.3	4.2-	5- 6/73	WILLAMETTE R		
1973	-	1,189,676	6,681.4	6.0		5/74	WILLAMETTE R		
1973	-	5,531,779	33,694.7	6.8		5/74	SANTIAM R		
1974	0	941,854	5,674.8	6.8	5.9-	5/76	SANTIAM R		WILLAMETTE R
1975	-	-	-	-	-	-	-	-	-

-- INDICATES HATCHERY NOT IN OPERATION

TABLE 383.--COLUMBIA BASIN-- OREGON
 WAHKEENA POND -- OREGON DEPARTMENT OF FISH AND WILDLIFE
 RELEASE OF-- FALL CHINOOK SALMON.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1959-60	-	-	-	-	-	-	-	-
1961-65	0	0	0	-	-	-	-	-
1966		786,848	4,543.6	5.7	5.0- 10.7	5- 6/67	COL RIVER 2	
1967		2,182,419	8,552.5	3.9	2.2- 5.0	5- 9/68	COL RIVER 2	
1968		2,433,502	13,469.9	5.5		5- 6/69	COL RIVER 2	
1969		804,373	5,128.3	5.7		5/70	TANNER CR	
1969		478,318	3,432.3	7.2		5/70	BIG CR	
1969		1,139,767	7,414.4	6.5	5.4- 6.5	5- 6/70	COL RIVER 2	

-- INDICATES HATCHERY NOT IN OPERATION

TABLE 304.--COLUMBIA BASIN- OREGON
 WAHKEENA POND
 - OREGON DEPARTMENT OF FISH AND WILDLIFE
 RELEASE OF- COHD SALMON.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1958-64	0	0	0					
1965	0	561,466	14,569.8	25.9		2/67	COL RIVER 2	
1966-73	0	0	0					
1974		920,920	33,152.6	35.9		4/76	COL RIVER 2	

TABLE 385.--COASTAL OREGON
 ALSEA HATCHERY - OREGON DEPARTMENT OF FISH AND WILDLIFE
 RELEASE OF- FALL CHINOOK SALMON.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1959-62	0	0	0	0.5		4/64	ALSEA R	
1963	9,945	0	5.9					
1964-68	0	0	0					
1969		176,400	400.1	2.2		4/70	WILLAMETTE R	
1969		502,238	4,873.9	9.7		6/70	ALSEA R	
1970		2,037	151.5	74.3		12/71	ALSEA R	
1971		193,350	2,075.2	10.7		5/72	ALSEA R	

TABLE 306.--COASTAL OREGON
 ALSEA HATCHERY
 RELEASE OF- COHO SALMON.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION	RELEASE LOCATION
1958-62	0	0	0			3/64	ALSEA R		
1963	86,552	0	44.8	0.5					
1964-65	0	0	0			3/67	N ORE COASTAL		
1966	288,875		152.4	0.5					

TABLE 307.--COASTAL OREGON
ALSEA HATCHERY
RELEASE OF-- STEELHEAD TROUT.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1959		20,946	816.5	38.9		3/60	WILSON R	UMPUQA R
1959		65,354	2,042.7	43.4		4- 5/60	ALSEA R	
1960	18,658		118.2	5.9		10/60	SILETZ R	
1960		101,754	5,260.8	51.7	45.3- 56.6	2- 4/61	ALSEA R	
1960		63,131	3,081.8	47.5	41.2- 64.7	3- 6/61	WILSON R	
1961		182,818	9,242.9	50.5	28.3-226.7	2- 7/62	N ORE COASTAL	
1961		7,887	774.7	99.2	75.5-226.7	4- 5/63	ALSEA R	NESTUCCA R
1962	13,640		242.7	17.7		3/63	SILETZ R	
1962		170,821	9,242.9	54.3	45.3- 56.6	4- 5/63	ALSEA R	NESTUCCA R
1962		18,541	1,493.2	80.5		5/64	ALSEA R	
1962		488	97.5	238.9		3/64	C ORE COASTAL	
1963		253,671	14,031.8	55.3	41.2- 75.5	4/64	N ORE COASTAL	
1963		4,739	513.0	108.2		3/65	SALMON R	
1964	34,586		487.6	14.1	11.6- 16.1	3- 4/65	NEHALEM R	TRASK R
1964		355,511	16,305.3	45.8	32.3- 64.7	3- 5/65	N ORE COASTAL	
1964		20,185	7,207.6	357.0		4/66	N ORE COASTAL	
1965	249,948		1,194.3	4.7	4.0- 5.5	8/65	ALSEA R	
1965		434,536	24,171.9	55.6	34.8- 64.7	4- 6/66	N ORE COASTAL	
1966	124,054		448.6	3.6	2.7- 4.9	8/66	C ORE COASTAL	
1966	52,530		1,043.3	19.8	18.1- 25.1	12/66	SANTIAM R	
1966	21,800		544.3	25.9		1/67	SANTIAM R	
1966		20,680	997.9	48.2		1/67	SANTIAM R	
1966		147,992	8,459.9	57.2	50.3- 64.7	3- 4/67	SANDY R	
1966		420,763	25,087.8	59.4	50.3- 64.7	3- 4/67	N ORE COASTAL	
1966		20,070	1,241.9	61.8	56.6- 64.7	4/67	CLACKAMAS R	
1967	467,216		1,289.6	2.7	2.2- 3.4	7/67	WILLAMETTE R	
1967		34,999	1,896.5	54.1	50.3- 56.6	4/68	SANTIAM R	
1967		19,081	1,173.0	61.7	50.3- 75.5	4/68	SANDY R	
1967		586,966	38,872.8	66.2	50.3-113.3	4/68	N ORE COASTAL	
1968	184,542		252.2	1.3		7/68	ALSEA R	
1968	75,847		2,567.3	34.2		10-11/68	C ORE COASTAL	
1968		19,961	1,247.4	62.4		3- 4/69	SANDY R	
1968		25,180	1,598.0	63.4		4/69	SANTIAM R	
1968		547,856	37,025.4	67.5		3- 5/69	C ORE COASTAL	
1969	157,929		421.4	2.6		7/69	SANTIAM R	
1969	25,376		276.7	10.9		9/69	C ORE COASTAL	
1969		717,679	45,032.7	62.7		4- 5/70	C ORE COASTAL	
1970	273,330		787.0	2.8		7/70	ALSEA R	
1970		30,013	1,595.7	53.1		5/71	CLACKAMAS R	
1970		652,849	42,831.8	65.6		5/71	C ORE COASTAL	
1971	102,300		249.5	2.4		7/71	C ORE COASTAL	
1971	51,294		717.1	13.9		10/71	ALSEA R	
1971		759,595	48,718.5	64.1		4- 5/72	C ORE COASTAL	
1972	24,300		36.7	1.5		6/72	ALSEA R	
1972	75,115		764.3	10.1		1/73	ALSEA R	
1972		23,640	966.2	40.8		4/73	CLACKAMAS R	
1972		46,790	2,506.1	53.5		4/73	CLACKAMAS R	

TABLE 307.--CONTINUED.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION	RELEASE LOCATION
1972			16,736.2	53.8		4/73	C ORE COASTAL		
1972		310,512	15,188.5	56.8		5/73	C ORE COASTAL		
1973		267,279	13,608.7	60.9		4/74	ALSEA R	CHETCO R	COOS R
1973		223,135	9,687.8	55.6		4/74	COQUILLE R	MILLICOMA R	SALMON R
1973		174,028	9,858.8	53.3		4/74	SILETZ R	SIUSLAW R	UMPQUA R
1973		184,953	5,229.0	52.5		4/74	C ORE COASTAL		
1973		99,547	9,642.5	59.0		4/74	CLACKAMAS R	WILLAMETTE R	
1973		163,356	6,636.5	60.7		5/74	CLACKAMAS R		
1973		109,186	10,955.2	69.8		3/75	ALSEA R	SILETZ R	C ORE COASTAL
1974		156,763	5,571.5	74.0		3- 4/75	UMPQUA R	SMITH R	
1974		75,194	1,877.3	66.6		4/75	CLACKAMAS R		
1974		16,156	9,237.0	63.2		4/75	COQUILLE R	MILLICOMA R	
1974		146,122	19,889.6	69.3		4/75	ALSEA R	SIUSLAW R	
1974		286,804	7,413.5	60.7		5/75	SANTIAM R		
1974		122,091	6,562.6	54.9		5/75	CLACKAMAS R	SANDY R	
1974		119,325	610.2	1.8		7/75	ALSEA R		
1975	327,100		424.1	28.3		11/75	C ORE COASTAL		
1975	14,958		2,571.9	73.1		3/76	UMPQUA R		
1975		35,154	688.4	73.1		3/76	COQUILLE R		
1975		9,300	4,935.5	70.6		4/76	S ORE COASTAL		
1975		69,820	9,675.6	68.7		4/76	COQUILLE R		
1975		140,658	33,016.6	75.7		4/76	ALSEA R		
1975		435,658	163.3	2.4		7/76	C ORE COASTAL	MILLICOMA R	
1976	66,235		7,788.8	72.2		4/76	SANTIAM R	SILETZ R	SIUSLAW R
1975		106,698	3,589.3	67.8		4/76	CLACKAMAS R		
1975		52,912	349.3	26.6		12/76	C ORE COASTAL		
1976		13,890							

TABLE 308.--COASTAL OREGON
ALSEA HATCHERY
RELEASE OF- SEARUN CUTTHROA TROUT

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1958		1,200	589.7	491.4		2/60	WILLAMETTE R	
1959		53,296	6,821.1	127.9		4- 7/60	C ORE COASTAL	
1960		41,954	5,665.4	135.0		5- 7/61	C ORE COASTAL	
1961		100,393	8,375.6	83.4		2- 7/62	C ORE COASTAL	
1962		47,288	6,016.4	127.2		5- 6/62	C ORE COASTAL	
1963		49,751	5,799.2	116.5	90.7-113.3	3- 5/64	SILETZ R	ALSEA R
1964	0	0	0					
1965		150	136.1	907.3		2/67	ALSEA R	
1966	0	0	0					
1967		716	294.8	411.7		2/69	ALSEA R	
1968	0	0	0					
1969		561	508.9	907.1		2/71	ALSEA R	
1970		6,898	743.9	107.9		6/71	SIUSLAM R	SILETZ R
1971	0	0	0					
1972		3,048	362.9	119.3		5/73	ALSEA R	
1973		18,955	2,582.8	131.9		5/74	ALSEA R	
1974		27,177	4,931.0	181.4		5/76	C ORE COASTAL	

TABLE 309.--COASTAL OREGON
BANDON HATCHERY - OREGON DEPARTMENT OF FISH AND WILDLIFE
RELEASE OF- FALL CHINOOK SALMON.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1959	24,156		19.5	0.8		3/60	COQUILLE R	
1960-61	0	0	0					
1962		316,070	2,472.1	7.8		6/63	ROGUE R	
1963	36,022		29.8	0.8		3/64	COQUILLE R	
1964	115,203		77.6	0.6		3/65	COQUILLE R	ROGUE R

TABLE 310.--COASTAL OREGON
BANDON HATCHERY - OREGON DEPARTMENT OF FISH AND WILDLIFE
RELEASE OF- COHO SALMON.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1958-62	0	0	0					
1963	18,868	59.9	3.1			5/64	COQUILLE R	
1964	42,662	37.6	0.0			3/65	COQUILLE R	

TABLE 311.--COASTAL OREGON
BANDON HATCHERY - OREGON DEPARTMENT OF FISH AND WILDLIFE
RELEASE OF- STEELHEAD TROUT.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION	RELEASE LOCATION
1959		45,873	2,099.7	45.7	151.1-226.7	3- 4/60	ROGUE R	N ORE COASTAL	COOS R
1959		39,684	9,094.5	229.6		3/61	ROGUE R	UMPQUA R	COOS R
1960	9,680		2.7	8.2		6/60	UMPQUA R		
1960		133,777	5,219.5	39.0	38.2- 45.3	3/61	ROGUE R	UMPQUA R	
1961	49,286		212.3	4.3	3.7- 6.3	8-11/61	UMPQUA R		
1961	18,027		326.6	18.1	11.3- 18.1	2- 3/62	ROGUE R	UMPQUA R	
1961		148,385	5,689.6	37.8	28.3- 41.2	3- 5/62	UMPQUA R	ROGUE R	
1962	7,426		31.8	4.2	4.1- 4.4	12/62	UMPQUA R		
1962	67,797		1,400.7	20.6	7.4- 21.5	3/63	UMPQUA R	ROGUE R	
1962		93,391	3,908.6	41.8	41.2- 75.5	3/63	UMPQUA R		
1963	16,347		26.3	1.6	8.6- 2.6	8/63	UMPQUA R		
1963	20,358		304.8	14.9		2/64	ROGUE R		
1963	20,353		434.5	21.3	5.5- 22.6	3/64	UMPQUA R		
1963		137,346	6,115.8	44.5	26.6- 56.6	3/64	UMPQUA R	ROGUE R	
1964		9,100	488.7	44.9		3/65	UMPQUA R		
1964		67,587	3,528.9	52.2	50.3- 56.6	3- 4/65	UMPQUA R	ROGUE R	
1965	20,485		24.5	1.1	0.9- 4.4	7-10/65	UMPQUA R		
1965	15,352		293.9	19.1	18.8- 19.7	2/66	UMPQUA R		
1965		36,790	2,029.4	55.1	50.3- 56.6	3/66	UMPQUA R		
1965	1,823		7.3	7.1		1/66	S ORE COASTAL		
1965	9,591		181.4	18.9	18.8- 19.7	2/66	ROGUE R		
1965		108,159	6,319.9	63.0	56.6- 75.5	3/66	UMPQUA R		
1965			346.1	6.7	1.5- 13.3	7-12/66	S ORE COASTAL		
1966	51,424		10,215.8	59.2	45.3- 64.7	3- 4/67	UMPQUA R	ROGUE R	
1966		973	63.8	64.7		3/68	ROGUE R		
1967		105,945	7,657.5	72.2	56.6- 75.5	3- 6/68	UMPQUA R	ROGUE R	
1967	5,731		80.7	14.0		1/69	UMPQUA R		
1968		192,335	14,498.6	75.3	34.8- 90.7	2- 3/69	S ORE COASTAL		
1968	3,172		55.3	17.4		1/70	C ORE COASTAL		
1969		289,633	19,514.3	93.0		3/70	N ORE COASTAL	ROGUE R	
1970	6,153		68.3	9.8		12/70	UMPQUA R		
1970		89,387	6,642.8	74.3	56.6- 90.7	3/71	ROGUE R	N ORE COASTAL	
1970	9,744		276.2	28.3		12/70	ROGUE R		
1970	15,289		530.7	34.8		1/71	UMPQUA R	N ORE COASTAL	
1970		199,382	18,351.4	92.0		3/71	ROGUE R		
1971	2,022		31.3	15.4		12/71	ROGUE R		
1971	16,840		272.2	16.1		1/72	S ORE COASTAL	ROGUE R	
1971		196,574	13,552.9	68.9		3/72	S ORE COASTAL		
1971	1,975		2.3	1.1		6/72	S ORE COASTAL		
1972	35,941		711.2	19.7		11/72	UMPQUA R	S ORE COASTAL	
1972		213,832	16,901.6	88.7		2- 4/73	ROGUE R	N ORE COASTAL	
1973	3,218		34.9	16.8		6-12/73	S ORE COASTAL		
1973		288,800	17,159.9	82.1		3/74	ROGUE R	UMPQUA R	COQUILLE R
1973	6,860		21.8	3.1		8/74	S ORE COASTAL		
1974	5,840		19.1	3.7		8/74	S ORE COASTAL		
1974	30,880		725.7	24.1		1/75	UMPQUA R		
1974		56,315	4,457.5	79.1		3/75	UMPQUA R		

TABLE 311.--CONTINUED.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1974								
1975			7,834.4	76.7		3/75	CHEICO R	
1975		102,008	5,347.9	102.9		3/76	CHEICO R	COQUILLE R
1975		51,926	5,613.7	95.2		3/76	COOS R	
1975		58,951	890.9	25.3		1/76	UMPQUA R	
1975	35,156		9,979.0	77.3		3/76	UMPQUA R	
1975		128,950						

TABLE 312.--COASTAL OREGON
BANDON HATCHERY - OREGON DEPARTMENT OF FISH AND WILDLIFE
RELEASE OF- SEARUN CUTTHROA TROUT

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1959		16,159	2,080.2	128.7		5/60	S ORE COASTAL	
1959		1,511	685.4	453.6		2/61	COQUILLE R	
1960		8,847	1,181.8	124.5		5/61	MILLICOMA R	COOS R
1960		4,992	888.8	162.0		6/61	UMPQUA R	
1961		31,816	3,578.7	112.2		5- 7/62	S ORE COASTAL	
1962		30,976	3,817.4	123.2		5- 6/63	S ORE COASTAL	
1963		26,245	3,513.1	133.8		4- 6/64	S ORE COASTAL	
1964		6,240	1,312.2	210.2		3/65	N ORE COASTAL	
1965		36,080	5,588.8	154.6		3- 5/66	S ORE COASTAL	
1966		26,491	6,417.9	242.2	151.1-453.5	4- 5/67	S ORE COASTAL	
1967		38,297	5,830.8	152.2		3- 5/68	S ORE COASTAL	
1968		42,792	7,001.7	163.6		3- 5/69	S ORE COASTAL	
1968		1,768	1,181.2	668.0		1/70	S ORE COASTAL	
1969		42,189	7,581.3	179.6		3- 5/70	S ORE COASTAL	
1970		47,298	6,505.0	137.5		3- 6/71	S ORE COASTAL	
1971		51,622	7,786.4	150.8		3- 5/72	S ORE COASTAL	
1972		65,872	9,843.9	149.4		3- 6/73	S ORE COASTAL	
1973		68,758	9,648.2	140.2		3- 6/74	S ORE COASTAL	
1974	19,998		549.8	27.4		10/74	C ORE COASTAL	S ORE COASTAL
1974		34,842	3,861.9	110.8		4- 5/75	CHETCO R	UMPQUA R
1974		19,019	2,464.8	129.5		5/75	SIUSLAH R	
1974		23,763	3,387.9	142.5		4/76	C ORE COASTAL	
1974		27,235	3,735.8	137.1		3- 5/76	S ORE COASTAL	SMITH R

TABLE 313.--COASTAL OREGON
BUTTE FALLS HATCHERY - OREGON DEPARTMENT OF FISH AND WILDLIFE
RELEASE OF- SPRING CHINOOK SALMON.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1958		18,897	1,207.5	66.7		3/60	ROGUE R	
1959		31,245	2,024.4	64.7		12/60	ROGUE R	
1960		26,502	2,460.3	92.8		12/61	ROGUE R	
1961		25,494	2,845.4	111.6		3/62	ROGUE R	
1961		39,465	3,475.4	88.0	64.7- 90.7	11-12/62	ROGUE R	
1961		31,922	3,893.6	121.9	113.3-151.1	3/63	ROGUE R	
1962		31,998	2,421.7	75.6		10-12/63	ROGUE R	
1962		182,790	5,558.3	54.0	14.1- 90.7	3- 9/64	ROGUE R	
1963	0	0	0	0				
1964		90,164	7,580.0	84.0		12/65	ROGUE R	ALSEA R
1964		24,448	1,697.3	69.4	64.7- 75.5	1- 3/66	ROGUE R	ALSEA R
1965	22,610		9.1	0.4		1/66	ROGUE R	
1965	133,766		260.8	1.9	0.6- 7.6	3- 6/66	ROGUE R	UMPQUA R
1965		55,593	3,585.2	64.4		12/66	ROGUE R	
1966		128,528	8,310.7	64.6		1- 3/68	ROGUE R	
1967			12.2	0.6		3/68	ROGUE R	
1968	18,639		7.3	0.5		4/69	ROGUE R	
1968	12,790		4,448.8	65.2		2/70	ROGUE R	
1969	30,676		19.5	0.6		3/70	ROGUE R	
1969		52,074	3,250.0	62.4		3/71	N ORE COASTAL	
1970	9,085		52.2	5.7		6/71	ROGUE R	
1970		57,816	3,313.9	58.1		1/72	ROGUE R	
1971	35,900		19.5	0.5		4/72	ROGUE R	
1971	28,181		146.1	5.1		7/72	ROGUE R	
1971		57,232	3,739.8	65.3	3.3- 5.2	1/73	ROGUE R	N ORE COASTAL
1972	32,184		16.3	0.5		3/73	ROGUE R	
1972	21,359		182.8	8.5		8/73	UMPQUA R	
1973	0	0	0	0				
1974	5,158		46.7	9.0		9/75	UMPQUA R	
1974		98,582	7,824.8	79.3		3/76	UMPQUA R	
1975	23,800		188.9	4.7		6/76	UMPQUA R	
1975	39,800		451.3	11.3		7/76	UMPQUA R	

TABLE 314.--COASTAL OREGON
BUTTE FALLS HATCHERY - OREGON DEPARTMENT OF FISH AND WILDLIFE
RELEASE OF- STEELHEAD TROUT.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1959-66	0	0	0					
1967 S	4,623		88.7	17.4		4/68	ROGUE R	
1967 S		18,055	495.8	49.3		4/68	ROGUE R	
1968 S	78,277		853.7	18.9		2/69	ROGUE R	
1968 S		70,219	3,219.1	45.8		4/69	ROGUE R	
1968 S		14,576	437.1	34.1		5/69	UMPQUA R	
1969 S		89,998	3,939.8	43.7	34.8- 56.6	3- 4/70	ROGUE R	
1970 S	29,850		229.5	7.6		10/70	ROGUE R	
1970 S		104,295	5,084.8	48.7		4/71	ROGUE R	
1971 S	12,982		201.8	15.6		4/72	ROGUE R	
1971 S		88,230	4,457.8	50.5		5/72	ROGUE R	
1972 S	11,049		62.6	5.6		11/72	ROGUE R	
1972 S		87,245	5,016.7	57.5		4/73	ROGUE R	

TABLE 315.--COASTAL OREGON
CEDAR CREEK HATCHERY - OREGON DEPARTMENT OF FISH AND WILDLIFE
RELEASE OF- FALL CHINOOK SALMON.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1959-63	0	0	0					
1964	158,982	0	54.4	0.3		1/65	ALSEA R	
1965-69	0	0	0					
1970		55,325	557.5	10.0		7/71	NESTUCCA R	
1971		58,441	866.4	14.8		7/72	NESTUCCA R	
1972		34,518	317.5	9.2		7/73	NESTUCCA R	
1973		29,858	1,290.0	43.2		11/73	NESTUCCA R	
1974		59,889	3,196.5	53.4		11/74	NESTUCCA R	ALSEA R
1975		73,774	3,637.8	49.3		10/75	NESTUCCA R	
		92,623	1,008.2	11.7		6/76	NESTUCCA R	
1975		68,582	4,742.3	69.2		11/76	NESTUCCA R	

TABLE 316.--COASTAL OREGON
CEDAR CREEK HATCHERY - OREGON DEPARTMENT OF FISH AND WILDLIFE
RELEASE OF- SPRING CHINOOK SALMON.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1958-59	0	0	0					
1960		18,561	3,241.8	174.6		3/62	NESTUGCA R	
1961-66	0	0	0					
1967		71,861	6,318.1	88.9		11/68	TRASK R	
1968		14,208	335.7	23.6		8/69	NESTUGCA R	
1968		105,038	6,775.3	64.5		2- 3/70	NESTUGCA R	
1968			948.8	6.3		8/70	NESTUGCA R	
1969	150,380	59,265	4,295.1	72.4		2/71	NESTUGCA R	
1969		50,935	3,379.3	66.3		3/72	NESTUGCA R	
1970		63,888	3,576.6	56.6		2/73	NESTUGCA R	
1971		0	0					
1972	0	46,555	4,105.0	88.1		2/75	NESTUGCA R	
1973		60,443	4,643.8	76.8		11/75	NESTUGCA R	
1974		56,918	4,781.8	84.8		11/76	NESTUGCA R	
1975								

N ORE COASTAL

TABLE 317.--COASTAL OREGON
CEDAR CREEK HATCHERY - OREGON DEPARTMENT OF FISH AND WILDLIFE
RELEASE OF- COHO SALMON.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1958	0	0	0			2-	3/60	NESTUCCA R
1959	27,904	0	15.0	0.5				NESTUCCA R
1960-63	0	0	0					
1964	175,628		261.3	1.4		5/65	ALSEA R	
1965	714,747		289.4	9.4		2/66	N ORE COASTAL	
1967	7,740		13.5	1.7		5/68	N ORE COASTAL	
1968	13,659		82.6	6.8		10/69	N ORE COASTAL	

TABLE 318.--COASTAL OREGON
CEDAR CREEK HATCHERY - OREGON DEPARTMENT OF FISH AND WILDLIFE
RELEASE OF-- STEELHEAD TROUT.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1959		118,086	3,556.6	32.0	30.2- 56.6	3- 5/60	WILSON R	
1960		98,568	4,817.2	48.8		4- 5/61	N ORE COASTAL	
1961	6,987		123.4	17.8		1/62	NESTUCCA R	WILSON R
1961		111,293	5,827.3	52.3	34.8- 56.6	3- 4/62	NESTUCCA R	
1962	56,381		399.6	7.0		11/62	NESTUCCA R	WILSON R
1962		121,822	6,651.9	54.6	28.3- 64.7	4- 5/63	NESTUCCA R	
1963	27,175		171.8	6.2		10/63	NESTUCCA R	
1963		238,446	11,964.4	58.1	32.3- 56.6	3- 4/64	N ORE COASTAL	
1964	20,902		31.3	1.4		9/64	NESTUCCA R	
1964	36,818		265.4	7.2		1/65	TRASK R	
1964		168,019	7,704.7	45.8	25.1- 50.3	3- 4/65	N ORE COASTAL	
1965		125,574	7,595.4	60.4		4/66	WILSON R	NEHALEM R
1966	37,400		76.7	2.0		8/66	NESTUCCA R	
1966	4,110		31.3	7.6		12/66	NESTUCCA R	
1966		185,667	10,954.3	58.9	50.3- 64.7	3/67	N ORE COASTAL	
1967	21,210		229.1	10.8		10/67	NESTUCCA R	
1967		246,283	17,090.5	69.3	56.6- 90.7	4- 5/68	N ORE COASTAL	
1968		326,297	20,385.3	62.4	56.6- 75.5	3- 5/69	N ORE COASTAL	
1968		8,088	991.6	122.6		7/69	NESTUCCA R	
1969	28,643		305.3	10.6	7.0- 11.3	11-12/69	NESTUCCA R	N ORE COASTAL
1969	15,398		174.6	11.3		2/70	DESCHUTES R	NEHALEM R
1969		24,406	1,628.4	66.7		3/70	DESCHUTES R	
1969		13,408	896.8	66.8		4/70	YOUNGS BAY TRB	
1969		451,784	31,175.4	69.0	64.7- 75.5	3- 8/70	N ORE COASTAL	
1970	150,000		948.8	6.3		11/70	DESCHUTES R	
1970	98,000		88.9	0.9		4/71	DESCHUTES R	
1970		47,648	3,288.5	69.0		4/71	YOUNGS BAY TRB	
1970		19,714	1,626.1	82.4		4/71	N ORE COASTAL	
1970		468,564	38,247.8	83.0	75.5- 90.7	3- 4/71	N ORE COASTAL	NESTUCCA R
1971	116,817		1,768.6	15.1	11.3- 15.6	11-12/71	ROGUE R	
1971		44,609	2,756.9	61.8		4/72	DESCHUTES R	
1971		94,350	6,588.1	68.9		4- 5/72	SANDY R	
1971		425,688	29,568.8	69.4	64.7- 75.5	4- 5/72	N ORE COASTAL	
1971		44,957	3,343.4	74.3		5/72	YOUNGS BAY TRB	
1972	9,180		122.5	13.3		12/72	NESTUCCA R	
1972	112,177		1,503.7	13.4		1/73	NESTUCCA R	
1972	16,868		233.6	14.5		1/73	DESCHUTES R	
1972		45,375	3,610.6	79.5		4/73	DESCHUTES R	
1972		605,988	43,282.7	71.4		3- 5/73	N ORE COASTAL	
1973	123,750		267.2	2.1		8/73	NESTUCCA R	
1973		337,974	22,895.5	67.7		3- 4/74	NEHALEM R	WILSON R
1973		100,015	6,290.0	62.8		4/74	N ORE COASTAL	
1973		114,647	8,054.4	70.2		4/74	CLACKANAS R	SANDY R
1974	73,500		771.1	10.4		12/74	N ORE COASTAL	
1974		287,017	20,164.9	70.2		4/75	NEHALEM R	NESTUCCA R
1974		130,026	9,060.5	69.6		4/75	N ORE COASTAL	
1974		28,793	2,109.2	73.2		4/75	CHEICO R	S ORE COASTAL

TABLE 318.--CONTINUED.

BR000 YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1974								
1975						4/75	TUALATIN R	YAMHILL R
1975	65,826	70,122	5,282.7	74.1		11/75	NESTUCCA R	
1975		438,888	28,396.7	11.4		3- 4/76	N ORE COASTAL	NESTUCCA R
1975		109,990	8,252.2	65.9		4/76	N ORE COASTAL	NESTUCCA R
1975		78,982	5,937.5	75.0		4/76	SILETZ R	
				75.1				WILSON R

TABLE 319.--COASTAL OREGON
CEDAR CREEK HATCHERY - OREGON DEPARTMENT OF FISH AND WILDLIFE
RELEASE OF- SEARUN CUTTHROAT TROUT

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION	RELEASE LOCATION
1959		84,659	9,920.1	117.1	113.3-151.1	5- 7/60	N ORE COASTAL		
1960		4,004	231.3	57.7		4/61	COL BLW BONN O		
1960		5,005	580.1	115.9		5/61	SANDY R		
1960		116,188	14,418.3	124.0	113.3-151.1	4- 7/61	N ORE COASTAL		
1961		7,903	1,113.1	140.8	113.3-151.1	4- 5/62	CLACKAMAS R		COL BLW BONN O
1961		1,798	254.9	141.7		5/62	CLATSKANINE R		
1961		100,926	15,583.6	154.4	113.3-151.1	4- 7/62	N ORE COASTAL		
1962		5,830	616.9	122.6		4/63	COL BLW BONN O		
1962		1,499	226.8	151.3		5/63	CLATSKANINE R		
1962		95,923	16,715.8	174.2	151.1-226.7	5- 7/63	N ORE COASTAL		
1963		97,488	14,924.5	153.0	113.3-226.7	4- 7/64	N ORE COASTAL		
1964		998	141.5	141.7		5/65	CLATSKANINE R		
1964		187,981	14,979.0	138.7	90.7-151.1	3- 7/65	N ORE COASTAL		
1965		127,524	17,582.1	137.8	64.7-151.1	3- 7/66	N ORE COASTAL		
1966		3,000	412.3	137.4		6/67	BIG CR		YOUNGS BAY TRB
1966		4,505	659.1	146.3		6/67	HILLAMETTE R		
1966		173,356	23,188.1	133.7	90.7-151.1	3- 7/67	N ORE COASTAL		
1967		114,416	14,654.2	128.8	90.7-151.1	3- 7/68	N ORE COASTAL		
1968		87,732	13,375.5	152.4	151.1-226.7	5- 6/69	N ORE COASTAL		
1968		1,208	1,757.2	454.6		5/70	YOUNGS BAY TRB		
1969		151,822	18,825.8	123.9	113.3-151.1	5- 6/70	N ORE COASTAL		
1970		7,005	824.2	117.6		5/71	CLATSKANINE R		YOUNGS BAY TRB
1970		138,025	16,757.1	121.4		5- 6/71	N ORE COASTAL		
1971		5,004	570.2	113.9		5/72	BIG CR		CLATSKANINE R
1971		4,994	566.5	113.4		6/72	YOUNGS BAY TRB		CLACKAMAS R
1971		3,691	418.7	113.4		7/72	BIG CR		
1971		154,675	17,136.7	110.7		5- 7/72	N ORE COASTAL		
1972		8,403	1,099.1	129.5		5/73	CLATSKANINE R		GNAT CR
1972		175,055	21,900.8	125.1		4- 5/73	N ORE COASTAL		GNAT CR
1973		116,540	15,585.9	133.7		4- 6/74	N ORE COASTAL		YOUNGS BAY TRB
1973			589.7	11.3		10/74	C ORE COASTAL		
1974	52,000	6,803	713.0	118.7		4- 5/75	TUALATIN R		
1974		22,026	3,451.4	156.6		4- 6/75	HOOD RIVER		
1974		141,516	16,963.9	119.8		5- 6/75	NEHALEN R		TRASK R
1974		6,144	870.9	141.7		7/75	HOOD RIVER		
1974		672	95.3	141.8		7/75	NESTUCCA R		
1974		81,539	9,856.1	120.8		4- 6/76	N ORE COASTAL		
1975		8,000	907.2	113.4		4- 5/76	HILLAMETTE R		
1975		27,950	3,449.1	123.4		4- 6/76	HOOD RIVER		
1975		57,141	6,677.8	116.8		4- 5/76	C ORE COASTAL		
1975		3,304	535.2	161.9		7/76	N ORE COASTAL		
1975		5,000	756.1	151.2		7/76	HOOD RIVER		

TABLE 320.--COASTAL OREGON
 COLE RIVERS HATCHERY - OREGON DEPARTMENT OF FISH AND WILDLIFE
 RELEASE OF- SPRING CHINOOK SALMON.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1959-72	-	-	-	-	-	11-12/74	ROGUE R	
1973		266,186	16,515.8	62.8		1- 4/75	ROGUE R	
1974		290,253	19,142.5	65.9	26.5- 50.3	2- 3/76	UMPQUA R	
1975		49,059	2,091.5	42.6		11/76	UMPQUA R	
		8,625	260.8	30.2				

-- INDICATES HATCHERY NOT IN OPERATION

TABLE 321.--COASTAL OREGON
COLE RIVERS HATCHERY - OREGON DEPARTMENT OF FISH AND WILDLIFE
RELEASE OF- STEELHEAD TROUT.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1959-72	-	-	-	-	-	5/74	ROGUE R	
1973 S		18,322	955.3	52.1		4- 7/75	ROGUE R	
1974 S		111,195	13,232.2	118.9		11/76	UNPQUA R	
1975 S	6,201		106.1	17.1				

-- INDICATES HATCHERY NOT IN OPERATION

TABLE 322.--COASTAL OREGON
COOS HATCHERY - OREGON DEPARTMENT OF FISH AND WILDLIFE
RELEASE OF- COHO SALMON.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1958		108,480	3,294.0	30.3		2- 4/60	COOS R	MILLICOMA R
1959	107,438		40.4	0.3		3/60	C ORE COASTAL	S ORE COASTAL
1959		128,143	3,687.3	28.7	23.8- 28.3	1- 2/61	COOS R	MILLICOMA R
1960	136,833		61.2	0.4		3/61	C ORE COASTAL	
1960		428,484	10,982.4	25.6	19.7- 30.2	3- 4/62	COOS R	MILLICOMA R
1961		269,641	7,842.2	29.0	23.8- 32.3	3- 4/63	COOS R	MILLICOMA R
1962	29,737		9.5	0.3		2/63	MILLICOMA R	
1962		62,431	950.3	15.2		12/63	MILLICOMA R	
1963	-	-	-	-				

-- INDICATES HATCHERY NOT IN OPERATION

TABLE 323.--COASTAL OREGON
ELK RIVER HATCHERY -- OREGON DEPARTMENT OF FISH AND WILDLIFE
RELEASE OF-- FALL CHINOOK SALMON.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION	RELEASE LOCATION
1958-67	-	-	-	-	-	-	-	-	-
1968		603,310	17,492.8	28.9	22.5- 30.2	9-10/69	ELK R	CHETCO R	
1968		58,811	3,389.2	66.7		3/70	ELK R		
1969		333,320	15,258.4	45.8	37.7- 56.6	9-10/70	ELK R	CHETCO R	
1970		746,747	15,697.8	21.0		6- 9/71	ELK R	CHETCO R	
1971		2,314,665	7,742.4	3.3	2.9- 3.6	6/72	WILLAMETTE R		
1971		679,746	33,985.9	49.9	34.8- 64.7	11/72	ELK R	CHETCO R	
1972		182,785	1,246.5	12.1		6/73	ELK R		
1972		579,757	27,810.2	47.9	28.3- 55.6	10-11/73	ELK R	CHETCO R	
1972		10,200	54.4	5.3		6/73	S ORE COASTAL		
1972		882,770	3,852.3	4.3	3.9- 5.3	6/73	COOS R		
1972		209,665	3,521.2	16.7	4.4- 28.3	6-11/73	COQUILLE R		
1972		100,845	424.1	4.2		6/73	S ORE COASTAL		
1972		97,428	8,838.7	90.7		2/74	ELK R		
1973	22,608		11.8	0.5		5/74	S ORE COASTAL		
1973		565,166	2,834.0	5.0	4.2- 13.3	5- 6/74	ELK R	MILLICOMA R	S ORE COASTAL
1973		466,085	1,882.4	4.0	3.5- 4.3	6/74	COOS R		
1973		288,653	10,684.4	38.0	30.2- 41.2	9-10/74	COOS R	COQUILLE R	
1973		636,881	28,825.8	45.2		10-11/74	CHETCO R	ELK R	S ORE COASTAL
1974		322,357	1,119.9	3.4	1.8- 4.9	6/75	COOS R	MILLICOMA R	
1974		72,100	238.1	3.3	3.1- 3.5	6/75	COQUILLE R		
1974		35,898	909.5	25.3		9/75	CHETCO R		
1974		67,764	1,576.2	23.2		9/75	COQUILLE R		
1974		270,977	11,386.1	42.0		10/75	ELK R		
1974		213,993	8,582.4	40.1		10/75	COOS R		
1974		283,018	11,648.7	41.1		10/75	CHETCO R		
1974		11,825	975.2	82.4		2/76	COQUILLE R		
1975		918,982	39,999.1	43.5	37.7- 50.3	12/76	ELK R	MILLICOMA R	

-- INDICATES HATCHERY NOT IN OPERATION

TABLE 324.--COASTAL OREGON
ELK RIVER HATCHERY - OREGON DEPARTMENT OF FISH AND WILDLIFE
RELEASE OF- COMO SALMON.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1958-67	-	-	-	-	-	-	-	-
1968	100,050	151,325	260.8	2.6	30.2- 32.3	6/69	S ORE COASTAL	
1968		7,615	5,643.1	37.2	5.8- 14.6	3- 4/70	S ORE COASTAL	
1968		99,681	311.2	40.8		4/70	S ORE COASTAL	
1968			3,071.3	30.8		3/70	COOS R	
1969	262,002	316,208	2,491.1	9.5		7- 9/70	S ORE COASTAL	ELK R
1969			10,172.3	32.1		4/71	S ORE COASTAL	
1970	0	0	0	0				
1971	272,484	112,453	1,849.7	6.7	6.4- 7.3	7/72	S ORE COASTAL	
1971			4,637.1	41.2		3/73	S ORE COASTAL	

-- INDICATES HATCHERY NOT IN OPERATION

TABLE 325.--COASTAL OREGON
ELK RIVER HATCHERY - OREGON DEPARTMENT OF FISH AND WILDLIFE
RELEASE OF- STEELHEAD TROUT.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1958-67	-	-	-					
1968-69	0	0	0					
1970 W	0	45,185	2,978.1	65.7		4/71	CHETCO R	
1971	0	0	0					
1972 W		39,630	2,898.9	73.1		3/73	CHETCO R	
1973 W		68,789	3,996.1	65.7		3/74	CHETCO R	

-- INDICATES HATCHERY NOT IN OPERATION

TABLE 326.--COASTAL OREGON
FALL CREEK HATCHERY - OREGON DEPARTMENT OF FISH AND WILDLIFE
RELEASE OF- FALL CHINOOK SALMON.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1959-72	0	0	0			10-11/74	ALSEA R	
1973		205,003	8,684.9	42.3		10/75	ALSEA R	
1974		85,614	3,904.5	45.6		10/76	ALSEA R	
1975		43,726	1,648.6	37.5				

TABLE 327.--COASTAL OREGON
FALL CREEK HATCHERY - OREGON DEPARTMENT OF FISH AND WILDLIFE
RELEASE OF- SPRING CHINOOK SALMON.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION	RELEASE LOCATION
1959-72 1973	8 96,696	8	8 185.1	1.9		3/74	ALSEA R		

TABLE 328.--COASTAL OREGON
FALL CREEK HATCHERY
RELEASE OF- COHO SALMON.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1958		387,876	14,661.5	37.7		2/60	ALSEA R	
1959		428,695	15,389.0	36.5		2/61	ALSEA R	
1960	150,384		51.7	0.3		2/61	ALSEA R	
1960		673,955	21,992.9	32.6		2/62	ALSEA R	
1961	1,696,856		701.3	0.4		2- 4/62	C ORE COASTAL	COOS R
1961	289,469		553.4	2.6		5- 6/62	C ORE COASTAL	ALSEA R
1961		994,485	27,845.1	27.9	2.0- 3.8	2/63	ALSEA R	
1962	1,807,335		776.4	0.4		3- 4/63	C ORE COASTAL	ALSEA R
1962		849,421	20,494.2	24.1		2/64	ALSEA R	COOS R
1963	3,227,917		1,329.8	0.4		1- 3/64	C ORE COASTAL	COOS R
1963	12,812		34.9	2.9		5/64	S ORE COASTAL	
1963		717,219	19,250.8	26.8		3- 4/65	ALSEA R	
1964	4,366,878		1,826.8	0.4		2- 3/65	ALSEA R	S ORE COASTAL
1964	28,152		118.4	4.2		5- 6/65	ALSEA R	N ORE COASTAL
1964		823,827	23,502.8	28.5	3.9- 5.1	3/66	ALSEA R	
1965	1,776,752		766.1	0.4		2- 4/66	ALSEA R	S ORE COASTAL
1965		1,829,837	29,897.6	29.0		2- 3/67	ALSEA R	
1966	2,202,098		920.3	0.4	28.3- 30.2	1- 2/67	ALSEA R	S ORE COASTAL
1966		1,158,935	30,958.1	26.7		2/68	ALSEA R	
1967	1,720,255		717.6	0.4		3/68	S ORE COASTAL	
1967	50,292		57.6	1.1		2/68	COOS R	
1967	46,754		218.6	4.6		6/68	WILLAMETTE R	
1967		1,176,699	38,617.9	32.8	26.6- 34.8	2- 4/69	C ORE COASTAL	ALSEA R
1968	1,656,221		701.3	0.4		1- 3/69	C ORE COASTAL	COQUILLE R
1968	184,305		688.8	3.6	2.6- 4.0	5- 7/69	WILLAMETTE R	C ORE COASTAL
1968		215,122	5,891.4	26.9	25.1- 28.3	4/70	WILLAMETTE R	
1968		809,866	24,013.2	29.6	28.3- 30.2	4/70	WILLAMETTE R	
1969	509,329		286.8	0.4		2- 3/70	WILLAMETTE R	
1969	1,153,812		479.4	0.4		1- 3/70	S ORE COASTAL	
1969	78,820		376.5	4.8		7/70	MCKENZIE R	
1969	283,614		981.6	3.4	3.1- 4.4	6- 8/70	S ORE COASTAL	
1969		261,251	6,813.9	26.0	23.8- 30.2	3- 4/71	WILLAMETTE R	
1969		801,020	24,458.6	30.5	28.3- 30.2	3- 4/71	WILLAMETTE R	
1970	1,855,487		501.7	0.4		2- 3/71	COQUILLE R	SIUSLAN R
1970	200,455		386.9	1.9		5/71	C ORE COASTAL	S ORE COASTAL
1970		245,786	6,788.1	27.5	25.1- 30.2	3- 4/72	WILLAMETTE R	
1970		1,891,274	33,383.7	30.5		3- 4/72	WILLAMETTE R	
1971	631,250		293.0	0.4		3/72	C ORE COASTAL	ALSEA R
1971	779,083		1,669.7	2.1	1.0- 5.0	4- 6/72	C ORE COASTAL	
1971		1,193,403	36,692.4	30.7	26.6- 32.3	3- 4/73	WILLAMETTE R	
1972		1,139,902	34,928.9	30.6		3- 3/74	WILLAMETTE R	
1973			1,835.2	0.7	0.5- 3.2	2- 6/74	N ORE COASTAL	C ORE COASTAL
1973	2,317,863		1,835.2	0.7		2- 4/75	WILLAMETTE R	
1973		797,323	27,094.8	33.9		3- 4/76	WILLAMETTE R	
1974		1,014,526	31,123.7	30.6				

TABLE 329.--COASTAL OREGON
NEHALEM HATCHERY - OREGON DEPARTMENT OF FISH AND WILDLIFE
RELEASE OF- FALL CHINOOK SALMON.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1958-65	0	0	0					
1966		161,784	873.6	5.3		6/67	NEHALEM R	
1967		964,221	5,365.5	5.5		6/68	NEHALEM R	
1968		247,477	4,249.2	17.1	5.8- 32.3	7-10/69	NEHALEM R	
1968		94,895	6,585.8	69.1		2/70	NEHALEM R	
1969		232,385	5,127.9	22.0		9/70	NEHALEM R	
1970		205,979	8,591.9	41.7		10/71	NEHALEM R	
1971-73	8	0	0					
1974		116,451	1,510.2	13.7		7/75	NEHALEM R	
1975		38,680	2,177.2	55.9		12/76	N ORE COASTAL	

TABLE 330.--COASTAL OREGON
NEHALEM HATCHERY
RELEASE OF- SPRING CHINOOK SALMON.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION	RELEASE LOCATION
1958-64	0	0	0						
1965	47,159		662.2	14.0		7/66	TRASK R		
1965		4,716	293.8	62.1		3/67	NESTUCCA R		
1966	0	0	0						

TABLE 331.--COASTAL OREGON
NEHALEM HATCHERY -- OREGON DEPARTMENT OF FISH AND WILDLIFE
RELEASE OF-- COHO SALMON.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1958		259,618	5,935.7	22.8		1/60	NEHALEM R	
1959		261,515	6,566.2	25.1		1/61	NEHALEM R	
1960	665,214		1,042.4	1.5	1.3- 1.9	4- 5/61	N ORE COASTAL	NEHALEM R
1961	510,064	300,477	8,104.8	26.9		1/62	NEHALEM R	
1962			220.4	0.4		1- 4/62	N ORE COASTAL	NEHALEM R
1963		308,622	7,006.2	22.7		12/62	NEHALEM R	
1964	1,475,016		589.2	0.3		1- 4/63	N ORE COASTAL	NEHALEM R
1965		333,847	8,688.1	26.0	18.8- 26.6	9-12/63	NEHALEM R	
1966	1,147,334		484.0	0.4		1- 2/64	N ORE COASTAL	NEHALEM R
1967		313,361	10,208.1	32.5		3/65	NEHALEM R	
1968		309,649	11,205.1	36.1		3/66	NEHALEM R	
1969		268,265	8,421.8	31.3		3/67	NEHALEM R	
1970	1,812,148		449.5	0.4		2- 3/67	WILLAMETTE R	
1971		899,388	23,916.6	26.5		3/68	NEHALEM R	
1972	491,286		886.9	1.6	1.3- 2.2	3- 6/68	N ORE COASTAL	NEHALEM R
1973		1,331,128	37,955.2	28.5	28.3- 30.2	2- 4/69	C ORE COASTAL	NEHALEM R
1974		1,106,099	799.2	4.1		7/69	WILSON R	
1975		1,267,621	33,951.8	30.7	28.3- 32.3	4/70	NEHALEM R	
1976			423.7	0.4		2- 3/70	NEHALEM R	
1977			38,253.7	30.1	25.1- 34.8	2- 4/71	NEHALEM R	
1978			400.1	0.4		3/71	WILSON R	
1979			715.3	2.7	2.4- 4.0	5- 6/71	N ORE COASTAL	
1980		947,656	30,451.0	32.1		4/72	NEHALEM R	
1981		1,191,303	210.8	0.4		3/72	NEHALEM R	
1982			34,579.2	29.0	25.1- 30.2	1- 4/73	NEHALEM R	
1983		1,194,783	264.8	0.4		3/73	NEHALEM R	
1984			34,776.9	29.1		3/74	NEHALEM R	
1985		1,175,448	269.4	2.8		6/74	NEHALEM R	
1986			39,588.3	33.6		2- 3/75	NEHALEM R	
1987		331,033	166.9	0.5		3/75	NEHALEM R	
1988			40,471.3	31.6		2- 3/76	NEHALEM R	
1989		5,258	6.4	1.2		4/76	NEHALEM R	
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TABLE 332.--COASTAL OREGON
 NEHALEN HATCHERY - OREGON DEPARTMENT OF FISH AND WILDLIFE
 RELEASE OF- CHUM SALMON.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION	RELEASE LOCATION
1959	12,084		4.5	0.3		3/60	NEHALEN R		

TABLE 333.--COASTAL OREGON
NEHALEM HATCHERY - OREGON DEPARTMENT OF FISH AND WILDLIFE
RELEASE OF- STEELHEAD TROUT.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1959		19,104	348.8	18.2		3/68	NEHALEM R	
1960-66	0	0						
1967		34,796	1,663.3	47.9		3/68	NEHALEM R	
1968		16,457	1,066.4	64.7		4/69	NEHALEM R	
1969		43,376	2,459.4	56.6		4/70	NEHALEM R	
1970		44,519	2,926.6	65.7		4/71	NEHALEM R	
1971		42,713	3,587.9	84.8		9/72	NEHALEM R	
1972		61,989	5,185.6	82.4		4/73	NEHALEM R	
1973	10,000		64.9	6.4		7/73	NEHALEM R	
1974		64,453	4,267.9	66.2		4/75	NEHALEM R	
1975		46,768	3,520.8	75.2		4/76	NEHALEM R	

TABLE 334.--COASTAL OREGON
ROCK CREEK HATCHERY - OREGON DEPARTMENT OF FISH AND WILDLIFE
RELEASE OF- FALL CHINOOK SALMON.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1959	0	0	0					
1960		13,280	717.1	53.9		10/61	UMPQUA R	
1961-66	0	0	0					
1967		448,047	2,798.2	6.2	4.7- 7.0	6/68	UMPQUA R	
1968		91,546	456.3	4.9		6/69	UMPQUA R	
1969-70	0	0	0					
1971		485,678	3,498.1	7.2	7.0- 7.3	5- 6/72	N ORE COASTAL	

TABLE 335.--COASTAL OREGON
ROCK CREEK HATCHERY
RELEASE OF-- SPRING CHINOOK SALMON.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1958		2,197	136.5	62.1		1/68	UMPQUA R	
1958		46,917	2,887.6	61.5		3/60	UMPQUA R	
1959		110,706	4,608.5	41.6		3/61	UMPQUA R	
1960		80,832	7,254.8	89.7		3/62	UMPQUA R	
1961		2,060	46.7	22.6		11/62	UMPQUA R	
1961		91,027	6,981.4	75.8		3/63	UMPQUA R	
1962		4,348	179.6	41.3	37.7- 45.3	11-12/63	UMPQUA R	
1962		79,584	4,454.3	55.9	41.2- 64.7	2/64	UMPQUA R	
1963	49,050		32.2	0.6		2/64	UMPQUA R	
1963		88,297	5,845.0	66.1	45.3- 64.7	12/64	UMPQUA R	
1964	63,442		32.7	0.5		1/65	UMPQUA R	
1965		4,157	259.4	64.8		12/66	UMPQUA R	
1965		99,114	8,676.3	87.5	30.2- 90.7	1- 2/67	UMPQUA R	
1966		129,997	8,014.5	61.6	41.2- 75.5	11-12/67	UMPQUA R	
1966		42,710	1,950.0	45.6	34.8- 50.3	1- 3/68	UMPQUA R	
1967		99,841	7,699.7	77.7	30.2- 75.5	1- 3/69	UMPQUA R	
1968		6,643	111.6	16.7		12/69	UMPQUA R	
1968		99,438	7,120.0	71.6	45.3- 75.5	2/70	UMPQUA R	ALSEA R
1969		83,476	2,116.9	25.3	21.5- 30.2	10-11/70	N ORE COASTAL	
1969		202,922	13,339.2	65.7		2/71	N ORE COASTAL	
1970		40,095	999.3	24.9		11/71	N ORE COASTAL	
1970		151,424	10,566.9	69.7		2/72	N ORE COASTAL	
1971		2,853	143.8	50.4		12/72	N ORE COASTAL	
1971		138,045	12,524.1	90.7		3/73	UMPQUA R	
1972		25,096	446.8	17.8		10/73	UMPQUA R	
1972		147,539	11,098.0	75.2		3/74	C ORE COASTAL	
1973		459	24.5	53.3		12/74	C ORE COASTAL	
1973		140,796	10,343.3	73.4	28.3- 90.7	2- 5/75	UMPQUA R	
1974		44,059	2,091.5	47.4		2- 3/76	UMPQUA R	

TABLE 336.--COASTAL OREGON
ROCK CREEK HATCHERY - OREGON DEPARTMENT OF FISH AND WILDLIFE
RELEASE OF- COHO SALMON.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1958-64	0	0	0					
1965	582,424	0	1,241.0	2.1	1.5- 3.0	5- 6/66	N ORE COASTAL	UMPQUA R
1966-71	0	0	0					
1972		11,379	486.4	35.7		12/73	UMPQUA R	
1972		50,891	1,475.5	29.4	26.6- 32.3	3/74	UMPQUA R	
1972		162,679	5,456.3	33.5		3/74	C ORE COASTAL	
1973		225,686	8,132.0	36.0		2/75	UMPQUA R	SNITH R

TABLE 337.--COASTAL OREGON
ROCK CREEK HATCHERY - OREGON DEPARTMENT OF FISH AND WILDLIFE
RELEASE OF- STEELHEAD TROUT.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1959-60	0	0	0					
1961 W	45,914		12.2	8.2		6/61	UMPQUA R	
1961 S	82,711		15.4	8.1	5-	6/61	UMPQUA R	
1962 W	98,596		29.8	8.2		6/62	UMPQUA R	
1963	0	0	0					
1964 W		35,779	1,126.7	31.4	22.5- 41.2	5/65	UMPQUA R	
1964 S		43,982	1,807.1	41.0	30.2- 45.3	5/65	UMPQUA R	
1965-66	0	0	0					
1967 S		61,277	5,910.3	96.4		3/68	UMPQUA R	
1968 W	3,444		55.8	16.2		1/69	UMPQUA R	
1968 W	838		17.7	21.1		1/69	UMPQUA R	
1968 W		36,821	2,377.3	64.5	56.5- 64.7	3/69	UMPQUA R	
1968 S		49,911	4,271.5	85.5		3/69	UMPQUA R	
1969 S		46,690	4,021.5	86.1		3/70	N ORE COASTAL	
1970-73	0	0	0					
1974 S	2,862		72.1	25.1		2/75	UMPQUA R	
1974 S		28,468	2,188.6	76.8		3/75	UMPQUA R	

TABLE 336.--COASTAL OREGON
SILETZ HATCHERY - OREGON DEPARTMENT OF FISH AND WILDLIFE
RELEASE OF- FALL CHINOOK SALMON.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1958-66	0	0	0					
1967		45,000	208.7	4.6		6/68	SILETZ R	
1968		45,000	272.2	6.0		7/69	SILETZ R	

TABLE 339.--COASTAL OREGON
SILETZ HATCHERY - OREGON DEPARTMENT OF FISH AND WILDLIFE
RELEASE OF- SPRING CHINOOK SALMON.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1959-72 1973	0 100,019	0	0 224.5	2.2		3/74	SILETZ R	

TABLE 340.--COASTAL OREGON
SILETZ HATCHERY
RELEASE OF-- COMO SALMON.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1958		167,486	4,698.8	28.8		2- 3/60	SILETZ R	
1959		232,978	7,252.9	31.1	25.1- 32.3	2/61	SILETZ R	
1960		515,965	15,987.4	30.9	30.2- 32.3	2- 3/62	SILETZ R	
1961	664,509		302.1	0.4		3- 4/62	C ORE COASTAL	SILETZ R
1961	121,118		129.7	1.0	0.5- 1.0	4- 5/62	SILETZ R	
1961		542,016	17,687.4	32.6		4/63	SILETZ R	
1962	581,729		258.5	0.4		3- 4/63	SILETZ R	
1962		579,589	21,088.9	36.3	30.2- 37.7	2- 4/64	SILETZ R	N ORE COASTAL
1963	353,142		166.0	0.4		2/64	SILETZ R	SALMON R
1963	150,413		1,932.8	12.8		8/64	SILETZ R	
1963		459,918	14,515.4	31.5		3/65	SILETZ R	
1964	628,391		232.1	0.4		2/65	SILETZ R	
1964	137,199		517.1	3.7	3.4- 4.4	5/65	S ORE COASTAL	ALSEA R
1964		526,745	15,870.3	30.1		3/66	SILETZ R	SILETZ R
1965	511,520		215.5	0.4		2- 3/66	SILETZ R	SALMON R
1965	68,398		749.8	12.4		8/66	SILETZ R	
1965		489,901	14,759.0	30.1		3/67	SILETZ R	
1965		555,984	15,683.6	28.0		3/68	SILETZ R	
1966	580,673		263.1	0.4		2/67	WILLAMETTE R	
1966	457,393		202.8	0.4		2/68	WILLAMETTE R	
1967	44,861		20.0	0.4		2/68	C ORE COASTAL	
1967	101,319		584.2	5.7		6/68	SILETZ R	
1967		377,402	13,278.3	35.1		4/69	SILETZ R	
1968		531,702	15,559.6	29.2		4/70	SILETZ R	
1969		529,198	16,219.1	30.6		4/71	SILETZ R	
1970		460,371	15,040.2	32.6		4/72	SILETZ R	
1971		444,623	14,397.9	32.3		4/73	SILETZ R	
1972		459,120	13,344.2	29.0		3/74	SILETZ R	
1973		454,266	15,219.8	33.5		3/75	SILETZ R	
1974		515,550	17,387.6	33.7		3/76	SILETZ R	

TABLE 341.--COASTAL OREGON
TRASK HATCHERY
RELEASE OF- FALL CHINOOK SALMON.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1959		304,486	456.8	1.5	1.2- 2.0	6/60	TRASK R	
1960		344,792	465.8	1.3		5/61	TRASK R	
1961		340,684	479.9	1.4	1.0- 2.0	6/62	TRASK R	
1962		361,119	961.6	2.6		6/63	TRASK R	
1963		359,490	875.4	2.4	1.8- 3.0	6/64	TRASK R	
1964		63,842	211.4	3.3		7/65	TRASK R	
1965		725,089	3,842.4	5.2	3.7- 5.7	6- 7/66	TRASK R	
1966		475,535	2,888.8	6.0		6/67	TRASK R	
1967		442,816	3,989.5	8.8		6/68	TRASK R	
1968		367,683	3,463.2	9.4		7/69	TRASK R	
1969		349,118	3,589.7	18.2		7/70	TRASK R	
1970		404,329	15,080.1	37.2	32.3- 50.3	10-11/71	TRASK R	
1971		215,638	5,878.5	27.2	12.9- 56.6	8-10/72	TRASK R	
1972		46,880	272.2	5.8		7/73	TRASK R	
1972		136,945	5,091.6	37.1		10/73	TRASK R	
1973	96,811		66.2	0.6		4/74	TRASK R	
1973		169,788	1,925.0	11.3		8/74	TRASK R	
1973		123,954	6,693.2	53.9		11/74	TRASK R	
1974		217,375	2,097.9	9.6		7/75	TRASK R	
1974		153,103	6,876.0	44.9		10/75	TRASK R	
1975		295,402	2,788.5	9.4		7/76	TRASK R	
1975		285,316	17,787.6	62.3	50.3- 75.5	10/76	TRASK R	

TABLE 343.--COASTAL OREGON
TRASK HATCHERY
RELEASE OF- COHO SALMON.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1958		78,220	2,218.1	28.3		2/60	TRASK R	
1959		346,690	7,502.7	21.8	21.5- 23.8	2/61	TRASK R	N ORE COASTAL
1960	1,386,095		644.6	0.4		1- 3/61	N ORE COASTAL	UMPQUA R
1960		583,128	12,083.7	20.7	19.7- 22.6	2- 3/62	N ORE COASTAL	UMPQUA R
1961	887,344		432.3	9.4		2- 4/62	N ORE COASTAL	
1961		571,327	14,816.1	25.9	25.1- 26.6	2- 4/63	TRASK R	
1962	2,665,825		1,292.7	0.4		2- 3/63	N ORE COASTAL	
1962		505,299	12,868.9	25.4	23.8- 28.3	3/64	N ORE COASTAL	TRASK R
1963	3,483,999		1,611.2	0.4		1- 3/64	N ORE COASTAL	
1963		570,183	12,816.3	22.4		1/65	TRASK R	
1964	804,465		372.4	8.4	8.1- 9.6	2- 3/65	N ORE COASTAL	
1964	246,853		2,178.2	8.8		8/65	N ORE COASTAL	
1964		444,870	12,338.2	27.7		3/66	TRASK R	
1965	1,385,000		628.2	0.4		2- 3/66	N ORE COASTAL	
1965		645,552	18,062.8	27.9		2/67	TRASK R	
1966	1,175,625		549.3	8.4		2- 3/67	HILLAMETTE R	NESTUCCA R
1966	127,607		59.9	0.4		1- 3/68	TRASK R	NESTUCCA R
1966		614,856	17,395.7	28.2		3/68	TRASK R	
1967	345,968		155.6	0.4		4/69	TRASK R	
1967		522,676	17,123.1	32.7		2/69	N ORE COASTAL	
1968	624,974		247.2	0.3		4/70	TRASK R	
1968		498,227	14,383.6	28.7		2/70	NESTUCCA R	TRASK R
1969	302,812		137.4	0.4		4/71	NESTUCCA R	
1969		913,954	29,074.4	31.8	30.2- 32.3	2/71	NESTUCCA R	
1970	126,006		60.3	0.4		4/71	TRASK R	
1970	4,109		7.3	1.7		4/71	TRASK R	
1970		1,028,931	31,883.8	30.9	28.3- 32.3	2- 4/72	TRASK R	N ORE COASTAL
1971		973,443	30,091.3	30.9	26.5- 34.8	3- 4/73	ALSEA R	TRASK R
1972	219,600		415.8	1.8		5/73	N ORE COASTAL	
1972		1,194,067	33,156.2	27.7		3/74	TRASK R	
1973	117,955		345.5	2.9		6/74	WILSON R	
1973		1,401,748	47,559.2	33.9		3/75	TRASK R	
1974		1,159,569	34,237.2	29.5		3/76	TRASK R	N ORE COASTAL

TABLE 34.--COASTAL OREGON
TRASK HATCHERY
RELEASE OF- CHUM SALMON.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION	RELEASE LOCATION
1959	213,744		86.5	0.4		2-	3/60	N ORE COASTAL	TRASK R
1960	22,096		8.2	0.3			3/61	N ORE COASTAL	

TABLE 345.--COASTAL OREGON
MINOR ODFW REARING PONDS-- OREGON DEPARTMENT OF FISH AND WILDLIFE
RELEASE OF-- FALL CHINOOK SALMON.

BR000 YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1964		14,019	177.4	12.6	3.9-	4/65	ALSEA R	
1965		81,356	337.5	4.1	4.3	6/66	ROGUE R	
1966		55,619	420.5	7.5		5/67	ALSEA R	
1966		32,279	105.2	3.2	2.4-	6/67	ROGUE R	
1966		165,472	686.9	3.6		6/67	UMPQUA R	
1967		56,667	443.2	7.8		6/68	ALSEA R	
1967		176,127	870.9	4.9	4.4-	6/68	ROGUE R	
1967		82,994	938.5	11.3	5.3	6/68	N ORE COASTAL	
1967		490,757	4,748.7	9.6		10/68	UMPQUA R	
1967		59,878	528.9	8.8	8.2-	6- 7/69	N ORE COASTAL	
1968		184,245	1,530.4	8.3		6/69	ROGUE R	
1969		914,598	6,610.2	7.2		6/70	N ORE COASTAL	
1969		259,844	1,405.2	5.4		6/70	ROGUE R	
1969		23,345	360.2	15.4		7/70	ALSEA R	
1969		121,845	1,614.8	13.3		12/70	N ORE COASTAL	
1970		568,810	2,648.1	4.6	4.1-	6/71	UMPQUA R	
1970		125,597	695.4	5.5	5.7	6/71	ROGUE R	
1970		30,088	390.1	12.9		6/71	ALSEA R	
1971		36,528	670.9	18.3		7/72	ALSEA R	

TABLE 346.--COASTAL OREGON
MINOR ODFW REARING PONDS-- OREGON DEPARTMENT OF FISH AND WILDLIFE
RELEASE OF-- COHO SALMON.

BR000 YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1963		26,333	519.4	19.7		6/64	ALSEA R	
1963		3,758	89.8	23.8		1/65	ALSEA R	
1964		107,782	1,629.8	15.1		8/65	ALSEA R	
1969		6,933	382.8	55.2		3/71	SIUSLAN R	
1972	150,000		1,511.8	10.0		11/73	ALSEA R	

TABLE 347.--COASTAL OREGON
MINOR ODFW REARING PONDS-- OREGON DEPARTMENT OF FISH AND WILDLIFE
RELEASE OF-- STEELHEAD TROUT.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1961	S		113,600	26.2		3/62	ROGUE R	
1962	S		126,249	19.3		5/63	ROGUE R	
1963	S		139,574	15.9	12.5- 20.6	5/64	ROGUE R	UMPQUA R
1964	S		61,486	24.9	20.5- 37.7	4/65	ROGUE R	UMPQUA R
1964	S		9,527	33.0		6/65	UMPQUA R	
1965	S	25,659	129.3	5.0		4/66	UMPQUA R	
1965	S		73,999	29.1	26.5- 30.2	5/66	ROGUE R	UMPQUA R
1966	S		14,004	37.0		5- 6/67	ROGUE R	
1966	S		16,138	195.9		7- 8/67	UMPQUA R	

TABLE 348.--COASTAL OREGON
ANADROMOUS INC.
RELEASE OF-- COHO SALMON.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1960-74 1975	-	80,000	1,451.5	18.1		5/76	COOS R	

--" INDICATES HATCHERY NOT IN OPERATION

TABLE 349.--COASTAL OREGON
OREGON AQUA-FOODS - PRIVATE OREGON FISH HATCHERY
RELEASE OF- FALL CHINOOK SALMON.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1960-71	-	-	-	-	-	-	-	-
1972	-	10,000	412.3	41.2	-	11/73	YAQUINA BAY	-
1973	-	27,000	194.6	7.2	-	6/74	YAQUINA BAY	-
1973	-	13,000	830.5	63.8	-	4/75	YAQUINA BAY	-
1974	-	5,000	166.9	33.3	-	11/75	YAQUINA BAY	-
1975	-	147,000	4,314.6	29.3	-	10-11/76	YAQUINA BAY	-

-- INDICATES HATCHERY NOT IN OPERATION

TABLE 350.--COASTAL OREGON
OREGON AQUA-FOODS
RELEASE OF-- SPRING CHINOOK SALMON.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1960-71	-	-	-	-	-	-	-	-
1972-73	0	0	0	-	-	-	-	-
1974		5,000	553.4	110.6		11/75	YAUQUINA BAY	
1974		12,000	1,944.1	162.0		1/76	YAUQUINA BAY	
1975		130,000	5,083.4	39.1		9/76	YAUQUINA BAY	
1975		18,080	2,041.2	113.4		11/76	YAUQUINA BAY	

-- INDICATES HATCHERY NOT IN OPERATION

TABLE 351.--COASTAL OREGON
OREGON AQUA-FOODS -- PRIVATE OREGON FISH HATCHERY
RELEASE OF-- COHO SALMON.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1960-71	-	-	-	-	-	-	-	-
1972	0	0	0					
1973		87,000	896.8	10.3		6/74	YAUQUINA BAY	
1973		16,000	874.5	54.6		4/75	YAUQUINA BAY	
1974		126,000	1,270.1	10.0		6/75	YAUQUINA BAY	
1974		350,000	13,642.2	38.9	30.2- 50.3	4/76	YAUQUINA BAY	
1975		248,000	3,762.1	15.1		6/76	YAUQUINA BAY	
1975		516,000	10,117.4	19.6	15.1- 32.3	7- 8/76	YAUQUINA BAY	
1975		54,000	6,211.5	115.0		10-11/76	YAUQUINA BAY	

-- INDICATES HATCHERY NOT IN OPERATION

TABLE 352.--CALIFORNIA
COLEMAN HATCHERY
RELEASE OF-- FALL CHINOOK SALMON.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1959	22,890,848		18,100.1	0.4		2- 3/60	SACRAMENTO R	
1959	6,856,595		4,377.2	0.6		4/60	SACRAMENTO R	
1959		5,084,551	55,343.3	10.8	1.4- 11.9	10/60	SACRAMENTO R	
1960	289,328		122.0	0.4		1- 3/61	SACRAMENTO R	
1960		26,509,432	24,567.9	0.9	0.7- 1.0	2- 4/61	SACRAMENTO R	
1960		6,416,412	70,270.8	10.9	2.6- 15.1	5- 10/61	SACRAMENTO R	
1961	3,649,948		1,466.5	0.4		12/61	SACRAMENTO R	
1961	4,049,852		1,427.0	0.3		1/62	SACRAMENTO R	
1961	6,904,374		4,711.0	0.6		3/62	SACRAMENTO R	
1961		4,076,880	48,994.8	12.0	2.9- 12.2	5- 10/62	SACRAMENTO R	
1962	18,322,486		8,155.1	0.4		2- 5/63	SACRAMENTO R	
1962	1,467,622		837.8	0.5		2/63	SACRAMENTO R	
1962		12,091,973	11,990.3	0.9		4- 7/63	SACRAMENTO R	
1962		5,726,690	68,926.1	12.0	11.0- 17.4	8- 12/63	SACRAMENTO R	
1963	1,000,000		453.6	0.4		3/64	SACRAMENTO R	
1963	368,000		226.8	0.6		5/64	RUSSIAN R	
1963		5,588,500	61,733.9	11.0	6.2- 13.3	7- 12/64	SACRAMENTO R	
1964	1,229,000		589.7	0.4		2/65	SACRAMENTO R	
1964	11,649,000		8,119.3	0.6		3- 4/65	SACRAMENTO R	
1964		5,706,000	62,432.5	10.9	4.5- 13.7	6- 11/65	SACRAMENTO R	
1965	222,000		90.7	0.4		3/66	SACRAMENTO R	
1965		10,079,100	71,894.4	7.1	1.4- 7.5	5- 11/66	SACRAMENTO R	
1965		6,282,190	45,723.5	7.2	5.8- 7.9	6- 9/67	SACRAMENTO R	
1966		10,339,000	54,228.3	5.2	4.6- 6.4	5- 9/68	SACRAMENTO R	
1967		4,827,176	26,129.6	6.4	4.5- 8.2	4- 9/69	SACRAMENTO R	
1968			8.6	0.3		3/70	SACRAMENTO R	
1969	25,000		38,246.5	6.4	3.6- 10.0	4- 10/70	SACRAMENTO R	
1969		5,943,181	871.4	24.4		2/71	SACRAMENTO R	
1969		35,598	47,766.5	6.1	4.5- 11.3	5- 9/71	SACRAMENTO R	
1970		7,748,163	427.3	0.5	0.3- 1.0	1- 5/72	SACRAMENTO R	
1971	802,924		17,890.1	4.4	4.2- 4.6	8/72	SACRAMENTO R	
1971		4,027,241	37,984.3	4.2	2.7- 6.4	3- 6/72	SACRAMENTO R	
1971		8,932,157	24,429.6	5.2	4.9- 5.5	4- 6/73	SACRAMENTO R	
1972		4,694,804	8,542.5	4.2	1.3- 4.4	4- 6/73	SACRAMENTO R	
1972		1,994,407	344.3	0.4		1/74	SACRAMENTO R	
1973	770,120		123.4	0.6		1- 4/74	BATTLE CR	
1973	188,879		33,348.9	4.9	4.7- 5.3	5- 6/74	BATTLE CR	
1973		2,496,566	12,375.4	4.9	4.7- 5.0	6/74	SACRAMENTO R	
1974	31,400		24.5	0.7		4- 5/75	BATTLE CR	
1974		2,208,880	7,687.9	3.4	1.8- 5.5	4- 6/75	BATTLE CR	
1974		288,600	1,705.5	5.9	4.6- 6.2	6/75	SACRAMENTO R	
1974		1,883,988	14,671.0	7.7	5.5- 7.9	9/75	BATTLE CR	
1974		10,085	188.2	18.6		1/76	SACRAMENTO R	
1974			26.8	0.7		2- 4/76	BATTLE CR	
1975	33,958		6,354.3	4.6	4.4- 6.1	4- 6/76	BATTLE CR	
1975		1,802,891	8,504.9	3.5	3.8- 3.9	5- 6/76	SACRAMENTO R	
1975		2,388,910	10,786.9	9.9		9/76	BATTLE CR	
1975		1,081,008						

SACRAMENTO R

TABLE 352.--CONTINUED.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION	RELEASE LOCATION
1975		451,960	4,953.2	10.9	9.4- 12.5	10/76	SACRAMENTO R		
1975		428,765	4,635.3	10.8	9.8- 16.7	10/76	BATTLE CR		

TABLE 353.--CALIFORNIA
COLEMAN HATCHERY
RELEASE OF- COHO SALMON.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION	RELEASE LOCATION
1958-66 1967	0	390,000	7,076.0	18.1	0	7/68	SACRAMENTO R		

TABLE 354.---CALIFORNIA
COLEMAN HATCHERY
RELEASE OF-- STEELHEAD TROUT.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1959	283,789		5,146.9	16.1	11.6- 22.6	2- 3/60	SACRAMENTO R	SACRAM TRIB
1959		138,455	4,703.8	33.9		3/60	SACRAMENTO R	SACRAM TRIB
1960	97,344		4,340.9	44.5		3/61	BATTLE CR	
1960		15,377	1,155.8	75.1		3/61	CHICO CR	FEATHER R
1961	180,303		5,907.6	32.7	32.3- 37.7	1- 3/62	SACRAMENTO R	SACRAM TRIB
1961		177,979	7,745.5	43.5		10-12/61	BATTLE CR	
1961		187,347	8,421.8	44.9		1/62	BATTLE CR	FEATHER R
1962		6,300	285.8	45.3		10/63	SACRAMENTO R	
1962		460,600	26,471.7	57.4	45.3- 56.6	1- 4/64	SACRAMENTO R	FEATHER R
1963			17,644.7	31.2		4/65	SACRAMENTO R	
1963	565,000		12,020.2	53.3	50.3-225.7	10-12/64	SACRAMENTO R	SACRAM TRIB
1963		225,200	33,838.8	45.9	45.3-453.5	1- 6/65	SACRAMENTO R	SACRAM TRIB
1963		736,700	1,723.7	42.4		12/65	SACRAMENTO R	
1964	40,600		66,814.2	49.9	45.3- 58.3	1- 6/66	SACRAMENTO R	SACRAM TRIB
1964		1,338,551	22,339.4	75.3		8-12/66	SACRAMENTO R	
1965		296,550	56,962.1	64.3	45.3-151.1	1- 6/67	SACRAMENTO R	
1965		885,620	37,044.4	64.5		11-12/67	SACRAMENTO R	
1966		573,900	52,360.9	60.2	56.5- 64.7	1- 3/68	SACRAMENTO R	
1966		869,100	4,648.4	13.2		10/68	SACRAMENTO R	
1967	352,000		11,115.3	66.0		11-12/68	SACRAMENTO R	
1967		168,396	64,681.4	71.6	56.5- 90.7	1- 6/69	SACRAMENTO R	SACRAM TRIB
1967		902,183	35,741.9	60.6	56.5- 64.7	2- 4/70	SACRAMENTO R	
1968		655,570	823.3	10.5		11/70	YUBA R	
1969	77,927		89,253.4	58.4	50.3- 64.7	2- 4/71	SACRAMENTO R	BATTLE CR
1969		1,527,680	7,794.1	14.8	8.7- 20.6	10/71	SACRAMENTO R	SACRAM TRIB
1970		525,623	77,308.9	45.4	45.3- 56.6	1- 4/72	SACRAMENTO R	SACRAM TRIB
1970		1,700,225	488.2	19.5		12/72	BATTLE CR	
1971	20,890		22,065.9	37.0	34.8- 37.7	3- 4/73	SACRAMENTO R	SACRAM TRIB
1971	595,386		14,519.8	46.9		12/72	BATTLE CR	
1971		309,521	30,835.2	49.4	45.3- 64.7	1- 3/73	SACRAMENTO R	SACRAM TRIB
1971		623,598	773.8	1.7	1.4- 6.9	6- 8/73	BATTLE CR	SACRAMENTO R
1972			1,190.7	6.7	6.2- 7.3	8/73	YUBA R	
1972	440,642		3,182.9	27.5	26.6- 28.3	12/73	SACRAMENTO R	
1972	176,678		58,751.6	44.3	37.7- 50.3	12/74	BATTLE CR	
1972	115,482		4,653.9	45.8		3/75	YUBA R	
1973		1,325,788	2,281.6	44.9		2- 4/75	SACRAMENTO R	
1973		101,551	28,233.4	47.0		2- 4/75	BATTLE CR	
1973		50,803	38,869.2	59.4		5/75	BATTLE CR	
1973		600,342	6.8	0.4		10/75	SACRAMENTO R	
1973		653,317	1,564.9	13.5		3/76	YUBA R	
1974	15,000		2,449.4	45.8		2- 4/76	SACRAMENTO R	
1974	115,250		48,793.4	54.1		4/76	BATTLE CR	
1974		53,460	11,006.4	66.7		6/76	BATTLE CR	
1974		901,287	31.8	0.6		9/76	SACRAMENTO R	
1975		165,080	450.4	8.2		10/76	SACRAMENTO R	
1975	48,440		3,239.1	18.1				
1975	55,800							
1975	178,535							

TABLE 355.--CALIFORNIA
CRYSTAL LAKE HATCHERY - CALIFORNIA DEPARTMENT OF FISH AND GAME
RELEASE OF- COHO SALMON.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION	RELEASE LOCATION
1958-69 1970	0	0	0	50.3	0	6/72	KLANATH R		
		81,000	4,062.3						

TABLE 356.--CALIFORNIA
CRYSTAL LAKE HATCHERY - CALIFORNIA DEPARTMENT OF FISH AND GAME
RELEASE OF- STEELHEAD TROUT.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION	RELEASE LOCATION
1959-69	0	0	0						
1970 W	40,080		303.8	7.5		2/71	EEL R		
1971 W	25,295		487.6	19.2	16.7- 22.6	2/72	EEL R		
1972 W		22,100	771.1	34.8		3/73	RUSSIAN R		
1973	0	0	0						
1974 W		15,081	523.9	34.7		3- 4/75	NCAL CSTL TRIB		
1975 W		26,685	1,701.0	63.7		4/76	NCAL CSTL TRIB		

TABLE 357.--CALIFORNIA
DARRAH SPRINGS HATCHERY - CALIFORNIA DEPARTMENT OF FISH AND GAME
RELEASE OF- FALL CHINOOK SALMON.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1959-67	0	0	0					
1968		391,140	1,516.4	3.8		5/69	RUSSIAN R	
1969		488,745	2,333.7	4.7		4/70	RUSSIAN R	DRY CR

TABLE 358.--CALIFORNIA
DARRAH SPRINGS HATCHERY - CALIFORNIA DEPARTMENT OF FISH AND GAME
RELEASE OF- CONO SALMON.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION	RELEASE LOCATION
1958	0	0	0			2/61	MAD R		
1959		58,036	2,676.2	46.1		1- 3/62	N CAL CSTL TRB		
1960		271,541	12,677.5	46.6	41.2- 50.3	11-12/62	N CAL CSTL TRB		
1961		92,521	1,861.1	20.1	18.8- 20.6	2- 3/63	N CAL CSTL TRB		
1962		413,863	17,398.9	42.0	37.7- 45.3	12/63	N CAL CSTL TRB		
1963		85,035	2,514.7	29.5	28.3- 30.2	1- 3/64	N CAL CSTL TRB		
1964		371,391	17,331.3	46.6		11-12/64	N CAL CSTL TRB		
1965		120,031	2,183.1	18.1	15.1- 20.6	3- 8/65	N CAL CSTL TRB		
1966		396,812	20,203.3	51.1	41.2- 90.7	11-12/65	N CAL CSTL TRB		
1967		101,022	2,621.3	25.9	25.1- 26.6	2- 8/66	N CAL CSTL TRB		
1968		572,679	38,319.9	52.9	45.3- 90.7	2- 8/67	N CAL CSTL TRB		
1969		575,852	18,972.4	32.9	18.8- 64.7	2-10/67	N CAL CSTL TRB		
1970	55,517	552,033	390.1	7.0		2- 8/68	N CAL CSTL TRB		
1971		555,677	20,460.6	37.0	26.6-113.3	2- 8/69	N CAL CSTL TRB		
1972			23,534.6	42.3	34.8-113.3	12/69	N CAL CSTL TRB		
1973	45,003		972.0	21.5		3- 8/70	N CAL CSTL TRB		
1974		573,041	21,944.3	38.2	34.8- 90.7	3- 4/71	N CAL CSTL TRB		
		422,736	16,125.7	38.1	37.7- 41.2	1- 3/72	N CAL CSTL TRB		
		557,625	24,493.5	43.9	32.3- 50.3	2- 3/73	N CAL CSTL TRB		
		542,506	18,173.6	33.4	30.2- 37.7	1- 4/74	N CAL CSTL TRB		
		500,508	14,748.1	29.4	26.6- 90.7	2- 3/75	NCAL CSTL TRB		
		460,181	13,989.0	30.2		4/75	KLAMATH R		
		71,400	3,175.1	44.4		3/76	NCAL CSTL TRB		
		525,133	14,674.6	27.9					

SMITH R

SMITH R

EEL R

EEL R

EEL R

TABLE 359.--CALIFORNIA
FEATHER RIVER HATCHERY - CALIFORNIA DEPARTMENT OF FISH AND GAME
RELEASE OF-- FALL CHINOOK SALMON.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1959-66	-	-	-	-	-	-	-	-
1967		231,675	6,236.9	26.9	18.8- 30.2	12/68	FEATHER R	
1967		106,800	4,037.0	37.7		1/69	FEATHER R	
1968		301,200	1,478.7	4.9	0.9- 5.0	6/69	FEATHER R	
1968		676,000	3,855.5	5.7		7/69	FEATHER R	
1969	345,000		156.5	0.4		2- 3/70	FEATHER R	
1969		2,456,500	17,474.6	7.1	5.0- 14.1	4- 9/70	FEATHER R	SACRAMENTO R
1969		551,600	22,883.7	41.4	32.3- 56.6	10-12/70	FEATHER R	
1969		40,650	2,458.5	60.4		2/71	FEATHER R	SACRAMENTO R
1970	93,550		29.5	0.3		3/71	FEATHER R	
1970	57,488		44.9	0.7	0.6- 1.0	1/71	FEATHER R	
1970		8,578,640	35,288.7	4.1	1.0- 12.9	4- 7/71	FEATHER R	
1970		550,855	33,815.3	61.3	50.3- 64.7	10-12/71	FEATHER R	
1970		119,340	9,022.0	75.5		2/72	FEATHER R	
1971	859,000		355.2	0.4		2- 3/72	FEATHER R	
1971		1,943,750	6,978.5	3.5	1.1- 10.0	5- 6/72	FEATHER R	
1971		1,191,453	37,856.8	31.7	19.7- 90.7	7-12/72	FEATHER R	SACRAMENTO R
1971		39,890	4,467.9	112.0		2/73	FEATHER R	
1972	2,067,780		1,666.8	0.8	0.6- 1.4	3- 4/73	FEATHER R	
1972		3,995,214	49,823.5	12.4	3.3- 56.6	4-12/73	FEATHER R	SACRAMENTO R
1973	120,000		45.4	0.3		1/74	FEATHER R	
1973		3,541,651	21,917.6	6.1	3.5- 9.8	5- 6/74	SACRAMENTO R	
1973		696,210	29,211.3	41.9	11.3- 75.5	7-12/74	FEATHER R	
1974		202,500	857.3	4.2	3.7- 5.0	8/74	SACRAMENTO R	
1974		54,000	680.4	12.6		11/74	FEATHER R	
1974		137,000	3,855.5	28.1		12/74	FEATHER R	
1974	1,811,760		825.1	0.4		2/75	FEATHER R	SACRAMENTO R
1974		7,632,259	33,589.4	4.4	1.6- 8.5	4- 6/75	FEATHER R	
1974		837,595	33,157.6	39.5	28.3- 45.3	10-11/75	FEATHER R	SACRAMENTO R
1975		3,271,750	19,627.4	5.9	3.2- 8.2	5- 6/76	FEATHER R	
1975		809,110	41,276.9	51.0	32.3- 90.7	10-12/76	FEATHER R	SACRAMENTO R

-- INDICATES HATCHERY NOT IN OPERATION

TABLE 360.--CALIFORNIA
FEATHER RIVER HATCHERY - CALIFORNIA DEPARTMENT OF FISH AND GAME
RELEASE OF-- SPRING CHINOOK SALMON.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1958-66	-	-	-	-	-	-	-	-
1967	-	71,100	4,082.3	57.4	-	12/68	FEATHER R	-
1968	-	25,000	1,134.8	45.3	-	10/69	FEATHER R	-
1969	106,000	-	771.1	7.2	5.4- 7.5	5/70	FEATHER R	-
1969	-	71,900	3,447.3	47.9	45.3- 50.3	11/70	FEATHER R	-
1970	25,712	-	20.0	0.7	0.6- 1.0	1/71	FEATHER R	-
1970	-	233,000	14,991.2	64.3	56.6- 64.7	11-12/71	FEATHER R	-
1971	32,000	-	18.1	0.5	-	3/72	FEATHER R	-
1971	-	101,000	5,942.1	58.8	45.3- 75.5	11-12/72	FEATHER R	-
1971	-	62,485	6,486.4	103.9	90.7- 113.3	2/73	FEATHER R	-
1972	50,000	-	567.0	11.3	-	6/73	FEATHER R	-
1972	-	211,459	8,601.5	40.6	22.6- 56.6	9-12/73	FEATHER R	-
1973	61,680	-	352.9	5.8	-	5/74	SACRAMENTO R	SACRAMENTO R
1973	-	175,100	6,781.2	38.7	38.2- 45.3	10-12/74	FEATHER R	-
1974	-	118,800	8,164.7	68.7	-	1/76	FEATHER R	SACRAMENTO R
1975	487,550	-	2,744.2	5.6	-	5- 6/76	FEATHER R	SACRAMENTO R
1975	-	129,550	7,960.5	61.4	-	11-12/76	FEATHER R	SACRAMENTO R

--" INDICATES HATCHERY NOT IN OPERATION

TABLE 361.--CALIFORNIA
FEATHER RIVER HATCHERY - CALIFORNIA DEPARTMENT OF FISH AND GAME
RELEASE OF- STEELHEAD TROUT.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1959-66	-	-	-	-	-	-	-	-
1967-69	0	0	0	0	0	0	0	0
1970	147,800	255,700	3,209.2	21.7	16.7- 22.6	3/71	FEATHER R	FEATHER R
1970			12,117.7	47.3	30.2- 64.7	3/71	FEATHER R	FEATHER R
1971	776,500		3,674.1	4.7	3.6- 7.5	8-	FEATHER R	FEATHER R
1971	117,500		4,127.7	35.1	23.8- 45.3	3/72	FEATHER R	FEATHER R
1971		163,750	10,364.6	63.2	56.6- 64.7	4/72	FEATHER R	FEATHER R
1972	595,700		1,648.8	2.7	2.0- 3.0	7/72	FEATHER R	FEATHER R
1972	74,945		993.4	13.2	6.3- 30.2	10/72	FEATHER R	FEATHER R
1972		170,140	14,310.8	84.1	75.5- 90.7	1- 3/73	FEATHER R	FEATHER R
1973		210,900	16,420.0	77.8	26.6- 90.7	2- 4/74	FEATHER R	FEATHER R
1974	156,000		544.3	3.4		5/74	FEATHER R	FEATHER R
1974		48,000	1,360.8	28.3		12/74	FEATHER R	FEATHER R
1974		143,970	11,317.1	78.6		3/75	FEATHER R	FEATHER R
1975	741,600		1,401.6	1.8		7/75	FEATHER R	FEATHER R
1975		241,375	17,077.8	70.7		2- 3/76	FEATHER R	FEATHER R
1975			1,251.9	2.9		7/76	SACRAMENTO R	SACRAMENTO R

-- INDICATES HATCHERY NOT IN OPERATION

TABLE 362.--CALIFORNIA
IRON GATE HATCHERY - CALIFORNIA DEPARTMENT OF FISH AND GAME
RELEASE OF- FALL CHINOOK SALMON.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1958-64	-	-	-	-	-	-	-	-
1965	44,928	-	24.5	0.5	-	2- 2/66	KLAMATH R	-
1965	293,120	-	207.7	0.7	-	3- 3/66	KLAMATH R	-
1966	3,461,970	-	1,668.8	0.4	-	4- 4/67	KLAMATH R	-
1967	3,700,000	-	3,734.8	1.0	-	4- 5/68	KLAMATH R	-
1968	-	4,600,000	13,267.6	2.8	-	5- 5/69	KLAMATH R	-
1969	-	1,238,500	4,721.9	3.8	-	5- 5/70	KLAMATH R	-
1970	-	11,943,140	50,619.5	4.2	-	6- 6/71	KLAMATH R	-
1971	-	13,650,000	53,523.9	3.9	-	6- 6/72	KLAMATH R	-
1972	-	4,900,000	24,494.8	4.9	-	6- 6/73	KLAMATH R	-
1972	-	110,000	6,236.9	56.6	-	11/73	KLAMATH R	-
1973	-	6,150,000	33,153.1	5.3	5.8- 6.4	6- 6/74	KLAMATH R	-
1974	1,065,000	-	966.2	0.9	-	4- 4/75	KLAMATH R	-
1974	-	6,025,000	31,329.6	5.1	-	5- 6/75	KLAMATH R	-
1974	-	208,000	14,308.6	71.5	-	12/75	KLAMATH R	-
1975	-	6,800,000	31,647.1	4.6	3.7- 5.0	5- 6/76	KLAMATH R	-
1975	-	149,380	6,985.3	46.7	-	10/76	KLAMATH R	-

-- INDICATES HATCHERY NOT IN OPERATION

TABLE 363.--CALIFORNIA
IRON GATE HATCHERY
RELEASE OF-- SPRING CHINOOK SALMON.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1958-64	-	-	-	-	-	-	-	-
1965-66	0	0	0	0	0	0	0	0
1967		3,368	76.2	22.6		11/68	KLAMATH R	
1968		22,248	725.7	32.6		11/69	KLAMATH R	
1968		9,690	129.3	13.3		11/69	KLAMATH R	
1969		30,200	913.1	30.2		12/70	KLAMATH R	
1969		18,720	2,358.7	125.9		12/70	KLAMATH R	
1970		6,486	498.3	75.5		11/71	KLAMATH R	
1970		6,487	700.8	108.0		3/72	KLAMATH R	
1971		4,650	383.3	82.4		11/72	KLAMATH R	
1971		4,680	521.6	113.3		3/73	KLAMATH R	
1972		18,000	1,020.6	56.7		11/73	KLAMATH R	
1972		18,000	832.8	46.2		2/74	KLAMATH R	
1973	18,000	18,000	163.3	9.0		8/74	KLAMATH R	
1974	0	0	0	0		0	0	0
1975		18,188	2,062.5	113.3		12/76	KLAMATH R	

-- INDICATES HATCHERY NOT IN OPERATION

TABLE 364.--CALIFORNIA
IRON GATE HATCHERY
RELEASE OF-- COHO SALMON.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1958-64	-	-	-	-	-	-	-	-
1965		82,500	4,630.3	56.1	50.3-113.3	10-11/66	KLAMATH R	
1966		19,000	1,267.3	66.7		12/67	KLAMATH R	
1966		31,000	976.6	31.5		4/68	KLAMATH R	
1967		68,000	2,492.5	36.6	28.3- 45.3	4/69	KLAMATH R	
1968		54,000	2,167.7	40.1		2/70	KLAMATH R	
1969		45,275	2,232.6	49.3	45.3- 56.6	12/70	KLAMATH R	
1969		44,000	3,387.8	75.6		3/71	KLAMATH R	
1970	388,980	86,000	980.2	2.5		6/71	KLAMATH R	
1970		47,700	2,600.4	30.2		10/71	KLAMATH R	
1971		10,000	1,803.8	37.7		10/72	KLAMATH R	
1972			483.7	40.3		11/73	KLAMATH R	
1973	70,000	97,800	158.8	2.2		7/74	KLAMATH R	
1973		75,000	4,436.1	45.3		5/74	KLAMATH R	
1973			2,429.9	32.3		2/75	KLAMATH R	
1974		110,000	3,837.8	34.8		11/75	KLAMATH R	

-- INDICATES HATCHERY NOT IN OPERATION

TABLE 365.--CALIFORNIA
IRON GATE HATCHERY - CALIFORNIA DEPARTMENT OF FISH AND GAME
RELEASE OF STEELHEAD TROUT.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1958-64	-	-	-	-	-	-	-	-
1965	0	0	0	0	0	0	0	0
1966	M	23,873	1,116.3	46.7		5/67	KLAMATH R	KLAMATH R
1966	M	10,865	464.9	42.7		6/67	KLAMATH R	KLAMATH R
1966	M	37,020	2,846.3	76.8		4/68	KLAMATH R	KLAMATH R
1967	M	25,688	1,456.5	56.6		5/68	KLAMATH R	KLAMATH R
1967	M	40,001	2,791.4	69.7		10/68	KLAMATH R	KLAMATH R
1967	M	99,785	12,384.9	124.1		11/68	KLAMATH R	KLAMATH R
1968	M	36,524	1,690.5	46.2		5/69	KLAMATH R	KLAMATH R
1968	M	37,575	1,893.7	50.3		5/69	KLAMATH R	KLAMATH R
1968	M	35,954	1,792.1	49.8		5/69	KLAMATH R	KLAMATH R
1968	M	39,366	1,653.3	41.9		5/69	KLAMATH R	KLAMATH R
1968	M	236,800	7,715.2	32.5	30.2- 37.7	5/69	KLAMATH R	KLAMATH R
1969	M	32,668	592.4	18.1	16.1- 20.6	6/69	KLAMATH R	KLAMATH R
1969	M	179,148	7,583.5	42.3	32.3- 50.3	5/70	KLAMATH R	KLAMATH R
1969	M	240,813	10,389.5	43.2	37.7- 50.3	6/70	KLAMATH R	KLAMATH R
1970	M	174,368	1,551.3	8.8		2/71	KLAMATH R	KLAMATH R
1970	M	149,000	4,371.3	29.3		5/71	KLAMATH R	KLAMATH R
1970	M	342,060	15,286.1	44.6		4- 5/71	KLAMATH R	KLAMATH R
1971	M	1,047,265	219.5	0.2		5- 6/71	KLAMATH R	KLAMATH R
1971	M	439,800	19,540.8	44.4	41.2- 45.3	4- 5/72	KLAMATH R	KLAMATH R
1972	M	150,000	465.8	3.1		9/72	KLAMATH R	KLAMATH R
1972	M	43,000	390.1	9.0		10/72	KLAMATH R	KLAMATH R
1972	M	520,400	17,787.2	34.1	30.2- 37.7	5/73	KLAMATH R	KLAMATH R
1973	M	21,584	232.2	10.7		3/74	KLAMATH R	KLAMATH R
1973	M	200,800	7,936.5	39.5	30.2- 45.3	5/74	KLAMATH R	KLAMATH R
1974	M	318,500	1,170.3	3.6	1.5- 9.8	7-11/74	KLAMATH R	KLAMATH R
1974	M	199,800	8,874.5	44.4		5/75	KLAMATH R	KLAMATH R
1975	M	100,000	45.4	0.4		6/75	KLAMATH R	KLAMATH R
1975	M	300,000	453.6	1.5		8/75	KLAMATH R	KLAMATH R
1975	M	451,423	20,476.1	45.3		5/76	KLAMATH R	KLAMATH R

-- INDICATES HATCHERY NOT IN OPERATION

TABLE 366.--CALIFORNIA
MAD RIVER HATCHERY - CALIFORNIA DEPARTMENT OF FISH AND GAME
RELEASE OF- FALL CHINOOK SALMON.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1959-69	-	-	-	-	-	-	-	-
1970	-	423,120	2,340.5	5.5	-	5/71	MAD R	-
1970	-	225,000	13,607.8	60.4	-	11/71	MAD R	-
1971	-	184,500	6,803.9	36.8	-	12/72	MAD R	-
1972	-	178,442	4,864.8	27.2	21.5- 41.2	10/73	MAD R	-
1972	-	36,198	997.9	27.5	-	11/73	EEL R	-
1972	-	35,200	1,315.4	37.3	-	11/73	RONDY CR	-
1973	-	139,887	8,989.9	63.6	-	11/74	MAD R	-
1974	-	233,688	1,391.2	5.9	-	5/75	MAD R	-
1974	-	1,589,500	8,499.9	5.3	-	4/75	KLAMATH R	-
1975	-	2,457,000	16,800.2	6.8	-	5/75	KLAMATH R	-
1975	-	82,688	5,299.8	64.1	-	12/76	KLAMATH R	-

-- INDICATES HATCHERY NOT IN OPERATION

TABLE 367.--CALIFORNIA
HAD RIVER WATCHERY - CALIFORNIA DEPARTMENT OF FISH AND GAME
RELEASE OF-- COHO SALMON.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION	RELEASE LOCATION
1958-68	-	-	-	-	-	-	-	-	-
1969	-	99,550	4,037.0	40.5	34.8- 75.5	5- 6/71	MAD R	SMITH R	
1970	152,824	28,275	2,053.0	13.3	4.5- 18.1	7- 9/71	MAD R	KLAMATH R	
1970	-	248,492	1,973.1	69.7	-	11/71	MAD R		
1970	-	-	11,178.3	46.4	32.3- 90.7	1- 4/72	MAD R	RUSSIAN R	
1971	376,630	56,192	3,823.8	10.1	3.7- 20.6	5- 9/72	N CAL CSTL TRB	CSTL LAGOONS	
1971	-	199,600	1,442.4	25.6	22.6- 56.6	11/72	MAD R		
1971	-	9,948	4,842.1	24.2	22.6- 25.1	2/73	MAD R		
1972	-	498,647	151.0	16.1	-	7/74	SACRAMENTO R		
1973	-	287,314	21,657.2	44.1	-	2- 3/75	MAD R	NCAL CSTL TRIB	
1974	-	-	10,181.5	48.7	-	3/76	MAD R		

-- INDICATES WATCHERY NOT IN OPERATION

TABLE 368.--CALIFORNIA
MAD RIVER HATCHERY
RELEASE OF-- STEELHEAD TROUT.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1958-69	-	-	-	-	-	-	-	-
1970	0	0	0	-	-	-	-	-
1971	W	643,435	30,846.5	47.9	19.7-113.3	4- 7/72	NCAL CSTL TRIB	
1971	S	77,430	5,307.8	68.5	64.7- 90.7	3- 4/72	MAD R	
1972	W	697,053	29,190.5	41.8	25.1- 90.7	4- 6/73	NCAL CSTL TRIB	
1972	S	20,116	1,104.5	54.9	37.7- 75.5	5/73	MAD R	
1973	W	53,200	1,474.2	27.7		3/74	MAD R	
1974	W	495,345	3,732.6	7.5		11-12/74	CSTL LAGOONS	EEL R
1974	W	450,974	9,643.8	21.3		3/75	FRESHWATER CR	NCAL CSTL TRIB
1974	W		7,582.7	44.2		3- 5/75	NCAL CSTL TRIB	
1974	W	171,352	15,717.4	48.4		3- 4/75	EEL R	MAD R
1974	W	324,576	7,629.9	47.3		4- 5/75	KLAMATH R	SMITH R
1974	W	161,166	3,280.4	46.5		4/75	RUSSIAN R	
1974	W	70,472	6,025.1	54.7		4/76	NCAL CSTL TRIB	
1975	W	110,106	16,058.5	65.0		4- 5/76	EEL R	SMITH R
1975	W	246,707	4,934.6	57.6		4- 5/76	RUSSIAN R	
1975	W	85,639	3,089.9	66.5		5/76	SMITH R	STONE LAGOON
1975	W	46,430	5,727.1	73.6		4/76	MAD R	
1975	S	77,790						

-- INDICATES HATCHERY NOT IN OPERATION

TABLE 369.--CALIFORNIA
MERCED REARING FACILITY - CALIFORNIA DEPARTMENT OF FISH AND GAME
RELEASE OF- FALL CHINOOK SALMON.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1960-72	0	0	0					
1973	0	116,400	5,209.5	44.7		10/74	MERCED R	
1974	0	0	0					
1975	0	80,000	3,628.7	45.3		11/76	MERCED R	

TABLE 370.--CALIFORNIA
MERCED REARING FACILITY - CALIFORNIA DEPARTMENT OF FISH AND GAME
RELEASE OF- COHO SALMON.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1960-72	0	0	0			1- 2/75	S CAL CSTL TRB	
1973		80,000	3,628.7	45.3		1- 2/76	S CAL CSTL TRB	
1974		170,000	9,638.8	56.6				

TABLE 371.--CALIFORNIA
MOKELUMNE HATCHERY - CALIFORNIA DEPARTMENT OF FISH AND GAME
RELEASE OF- FALL CHINOOK SALMON.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1959-62	-	-	-	-	-	-	-	-
1963	4,000	-	2.3	0.5	-	4/64	MOKELUMNE R	
1964	73,442	-	24.5	0.3	-	4/64	MOKELUMNE R	
1965	14,870	-	6.4	8.4	-	1- 4/65	MOKELUMNE R	
1966	42,385	56,700	500.3	8.8	2.8- 37.7	4-11/66	MOKELUMNE R	
1966	84,922	72,550	15.4	0.3	-	2- 3/67	MOKELUMNE R	
1967	33,408	-	235.9	3.2	1.6- 14.1	4- 7/67	MOKELUMNE R	
1967	-	-	31.3	8.3	-	2- 3/68	MOKELUMNE R	
1967	-	-	38.1	1.1	-	4/68	MOKELUMNE R	
1968	1,200	63,120	286.2	4.5	3.5- 4.8	5- 6/68	MOKELUMNE R	
1968	-	-	8.5	8.4	-	1/69	MOKELUMNE R	
1969	382,972	36,648	229.1	6.2	5.4- 7.6	4- 6/69	MOKELUMNE R	
1969	-	-	139.7	0.3	-	1- 3/70	MOKELUMNE R	
1970	413,332	114,033	532.1	4.6	2.0- 7.9	4- 7/70	MOKELUMNE R	
1970	29,816	-	187.8	0.4	-	1- 4/71	MOKELUMNE R	
1970	-	-	33.6	1.1	-	5/71	MOKELUMNE R	
1971	744,440	60,000	113.4	1.8	-	6/71	MOKELUMNE R	
1971	-	-	671.3	0.9	-	1- 5/72	MOKELUMNE R	
1972	7,055	-	38.6	5.4	-	6/72	MOKELUMNE R	
1973	47,313	47,313	340.6	7.1	-	1- 6/73	MOKELUMNE R	
1973	88,086	88,086	342.0	3.8	1.7- 8.2	3- 7/74	MOKELUMNE R	
1974	76,766	76,766	1,342.3	25.3	9.4- 50.3	8-10/74	MOKELUMNE R	
1974	26,250	26,250	238.1	9.0	-	8/75	MOKELUMNE R	
1974	30,342	30,342	1,102.7	36.3	-	10-11/75	MOKELUMNE R	
1974	25,050	25,050	2,272.5	90.7	-	2/76	BRANNON ISLAND	BRANNON ISLAND
1975	6,030	-	5.9	0.9	-	3/76	MOKELUMNE R	
1975	-	-	206.8	3.3	2.8- 3.7	3- 6/76	MOKELUMNE R	BRANNON ISLAND
1975	-	-	1,773.5	45.1	-	10-11/76	MOKELUMNE R	BRANNON ISLAND

"-" INDICATES HATCHERY NOT IN OPERATION

TABLE 372.--CALIFORNIA
MOKELUMNE HATCHERY - CALIFORNIA DEPARTMENT OF FISH AND GAME
RELEASE OF- STEELHEAD TROUT.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1958-63	-	-	-	-	-	-	-	-
1964	39,360	-	6.0	0.1	-	4/64	MOKELUMNE R	MOKELUMNE R
1964	63,160	-	256.7	4.0	1.4- 7.6	7-11/64	MOKELUMNE R	MOKELUMNE R
1964	135,985	-	4,272.8	31.4	28.3- 32.3	1- 2/65	MOKELUMNE R	MOKELUMNE R
1965	14,400	-	3.6	0.2	-	5- 6/65	MOKELUMNE R	MOKELUMNE R
1965	112,220	-	787.4	7.8	0.5- 17.4	7-12/65	MOKELUMNE R	MOKELUMNE R
1965	-	84,418	5,592.8	66.2	-	3/66	MOKELUMNE R	MOKELUMNE R
1966	19,200	-	2.7	0.1	-	4/66	MOKELUMNE R	MOKELUMNE R
1966	94,520	-	294.8	3.1	1.1- 3.9	7-10/66	MOKELUMNE R	MOKELUMNE R
1966	15,150	-	476.3	31.4	-	2/67	MOKELUMNE R	MOKELUMNE R
1966	-	59,480	2,698.8	45.3	-	2- 3/67	MOKELUMNE R	MOKELUMNE R
1967	9,998	-	302.1	30.2	-	11/67	MOKELUMNE R	MOKELUMNE R
1967	-	72,213	5,036.2	69.7	50.3- 75.5	2- 4/68	MOKELUMNE R	MOKELUMNE R
1968	125,760	-	955.7	7.5	0.9- 9.4	7-10/68	MOKELUMNE R	MOKELUMNE R
1968	-	101,287	6,084.0	60.1	56.5- 64.7	3/69	MOKELUMNE R	MOKELUMNE R
1969	88,000	-	279.4	3.1	-	8/69	MOKELUMNE R	MOKELUMNE R
1969	49,695	-	1,041.0	28.9	14.5- 25.1	10-11/69	MOKELUMNE R	MOKELUMNE R
1969	-	122,822	9,296.8	75.6	50.3- 90.7	1- 3/70	MOKELUMNE R	MOKELUMNE R
1970	15,080	-	850.5	56.7	-	11/70	MOKELUMNE R	MOKELUMNE R
1970	93,072	-	7,654.4	82.2	64.7- 90.7	1- 3/71	MOKELUMNE R	MOKELUMNE R
1971	82,180	-	1,723.7	28.9	17.4- 38.2	10-11/71	MOKELUMNE R	MOKELUMNE R
1971	-	15,078	789.3	52.3	-	12/71	MOKELUMNE R	MOKELUMNE R
1971	97,289	-	9,792.2	101.1	75.5-113.3	1- 5/72	MOKELUMNE R	MOKELUMNE R
1972	-	95,553	1,282.3	13.1	4.0- 20.6	9-11/72	MOKELUMNE R	MOKELUMNE R
1972	25,999	-	7,381.8	77.0	64.7-226.7	1- 6/73	MOKELUMNE R	MOKELUMNE R
1972	462	-	3,893.2	149.7	-	1/74	MOKELUMNE R	MOKELUMNE R
1972	10,013	-	95.3	206.2	-	10/74	MOKELUMNE R	MOKELUMNE R
1973	10,965	-	732.6	73.1	-	1/74	MOKELUMNE R	MOKELUMNE R
1973	-	36,800	1,802.6	164.3	-	5- 7/74	MOKELUMNE R	MOKELUMNE R
1974	-	33,480	36.3	0.9	-	5/74	MOKELUMNE R	MOKELUMNE R
1974	-	37,488	1,224.7	36.5	-	7/74	MOKELUMNE R	MOKELUMNE R
1974	-	6,980	4,358.1	116.5	-	1- 6/75	MOKELUMNE R	MOKELUMNE R
1974	-	-	1,621.6	232.3	-	7- 8/75	MOKELUMNE R	MOKELUMNE R
1975	46,400	-	45.4	0.9	-	6/75	MOKELUMNE R	MOKELUMNE R
1975	14,600	-	185.6	11.3	-	8/75	MOKELUMNE R	MOKELUMNE R
1975	-	7,400	907.2	122.5	-	12/75	MOKELUMNE R	MOKELUMNE R
1975	-	43,280	10,055.7	232.3	-	1- 6/76	MOKELUMNE R	MOKELUMNE R
1975	-	5,215	2,190.4	420.0	-	7- 9/76	MOKELUMNE R	MOKELUMNE R

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TABLE 373.--CALIFORNIA
NIMBUS HATCHERY
RELEASE OF-- FALL CHINOOK SALMON.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1959	21,315,294		8,576.1	0.4	0.2- 1.4	1- 6/60	AMERICAN R	AMERICAN R
1959		302,001	1,596.2	5.2	1.8- 9.4	3- 8/60	AMERICAN R	AMERICAN R
1960	13,859,889		5,056.2	0.3		1- 6/61	AMERICAN R	AMERICAN R
1960		1,159,700	7,504.5	6.5	2.4- 38.2	5- 9/61	AMERICAN R	AMERICAN R
1960		48,852	3,346.6	68.5	14.1- 75.5	1/62	AMERICAN R	AMERICAN R
1961	15,730,884		5,939.3	0.3		1- 6/62	AMERICAN R	AMERICAN R
1961		3,165,609	11,483.6	3.6	1.5- 37.7	5-10/62	AMERICAN R	AMERICAN R
1962	11,146,245		4,683.3	0.4	0.3- 1.4	1- 5/63	AMERICAN R	AMERICAN R
1962		2,843,677	12,287.4	6.8	1.5- 90.7	4-12/63	AMERICAN R	AMERICAN R
1963	3,593,130		2,493.4	0.6	0.3- 1.1	3- 5/64	AMERICAN R	AMERICAN R
1963		213,648	2,833.9	9.5	1.8- 20.6	6-10/64	AMERICAN R	AMERICAN R
1963		42,450	1,283.7	30.2		2/65	AMERICAN R	AMERICAN R
1964	15,363,588		5,621.4	0.3		2- 4/65	AMERICAN R	AMERICAN R
1964		671,450	9,429.3	14.0	3.9- 64.7	7-12/65	AMERICAN R	AMERICAN R
1965	23,798,155		9,142.2	0.3	0.2- 1.4	1- 7/66	AMERICAN R	AMERICAN R
1965		795,283	4,721.9	5.9	1.7- 28.3	6-11/66	AMERICAN R	AMERICAN R
1966	18,519,225		7,078.8	0.3		1- 7/67	AMERICAN R	AMERICAN R
1966		334,915	5,178.7	15.4	2.0- 50.3	5-12/67	AMERICAN R	AMERICAN R
1967	5,250,325		2,631.7	0.5	0.3- 1.4	2- 6/68	AMERICAN R	AMERICAN R
1967		276,480	5,910.3	21.3	2.5- 56.6	8-12/68	AMERICAN R	AMERICAN R
1967		307,440	1,208.8	3.9	2.8- 5.1	7- 8/68	AMERICAN R	AMERICAN R
1968	1,140,995		499.0	0.4	0.3- 1.4	3- 5/69	AMERICAN R	AMERICAN R
1968		1,580,559	9,022.4	5.7	1.5- 7.1	4- 6/69	AMERICAN R	AMERICAN R
1968		861,415	8,822.8	10.2	4.5- 45.3	6-11/69	SACRAMENTO R	SACRAMENTO R
1969	695,070		352.0	0.5	0.3- 1.4	2- 5/70	AMERICAN R	AMERICAN R
1969		2,075,827	9,586.8	4.5	1.5- 6.2	5- 7/70	AMERICAN R	AMERICAN R
1969		1,355,093	9,163.5	6.7	4.0- 50.3	5-11/70	SACRAMENTO R	SACRAMENTO R
1969		10,830	861.8	79.5		2/71	SACRAMENTO R	SACRAMENTO R
1970	8,591,800		4,376.7	0.5	0.3- 1.3	2- 5/71	AMERICAN R	AMERICAN R
1970		990,010	12,944.6	13.0	4.2- 56.6	5-11/71	SACRAMENTO R	SACRAMENTO R
1970		1,734,664	8,765.7	5.0	1.5- 6.2	5- 6/71	AMERICAN R	AMERICAN R
1971	936,040		674.0	0.7	0.4- 1.4	4- 5/72	AMERICAN R	AMERICAN R
1971		1,255,205	5,532.9	4.4	1.5- 5.3	5- 6/72	AMERICAN R	AMERICAN R
1971		2,565,885	21,987.9	8.5	3.7- 50.3	5-10/72	SACRAMENTO R	SACRAMENTO R
1972	727,705		707.2	0.9	0.3- 1.4	3- 4/73	AMERICAN R	AMERICAN R
1972		1,546,335	6,141.6	3.9	1.7- 21.5	4-10/73	AMERICAN R	AMERICAN R
1972		2,438,440	17,830.7	7.3	3.2- 41.2	5-10/73	SACRAMENTO R	SACRAMENTO R
1973	25,705		15.4	0.5		1- 3/74	SACRAMENTO R	SACRAMENTO R
1973		220,000	1,995.8	9.0		6/74	SACRAMENTO R	SACRAMENTO R
1973		184,075	7,563.7	41.0		9/74	SACRAMENTO R	SACRAMENTO R
1974	232,555		154.7	0.6		1- 5/76	AMERICAN R	AMERICAN R
1974		1,509,525	6,078.1	4.0	3.3- 5.0	4- 6/75	SACRAMENTO R	SACRAMENTO R
1974		128,260	186.0	1.4		6/75	AMERICAN R	AMERICAN R
1974		539,700	2,635.4	4.8	3.7- 6.6	7/75	SACRAMENTO R	SACRAMENTO R
1974		212,255	7,654.4	36.0		10/75	SACRAMENTO R	SACRAMENTO R
1974		2,680	90.7	33.8		10/75	AMERICAN R	AMERICAN R
1975	481,810		259.4	0.5		3- 5/76	AMERICAN R	AMERICAN R

TABLE 373.--CONTINUED.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1975		34,700	137.4	3.9	3.4- 4.7	4- 5/76	AMERICAN R	
1975		3,500,600	17,724.1	5.0	3.3- 5.1	4- 6/76	SACRAMENTO R	
1975		127,178	6,123.5	48.1		10/76	SACRAMENTO R	

TABLE 374.--CALIFORNIA
NIMBUS HATCHERY
RELEASE OF-- STEELHEAD TROUT.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1959			2,789.3	15.3	13.3- 18.8	1/60	AMERICAN R	
1960	463,438		1,552.2	3.3	0.4- 18.1	6-12/60	AMERICAN R	
1960			6,620.6	33.0	23.8- 37.7	1- 2/61	AMERICAN R	
1961	14,472		3.6	0.2		6/61	AMERICAN R	
1961			7,035.2	56.6	41.2- 64.7	12/61	AMERICAN R	
1962	5,372		1.8	0.3		6/62	AMERICAN R	
1962	65,800		1,603.0	24.3	10.7- 28.3	1/63	AMERICAN R	
1962			2,958.8	75.0	64.7- 75.5	3/63	SACRAMENTO R	
1963	1,015,372	39,419	2,786.9	2.7	0.1- 37.7	3-12/63	AMERICAN R	
1963			1,474.2	55.4	50.3- 56.6	3/63	AMERICAN R	
1963	14,843	26,571	189.6	13.5	11.3- 26.6	2- 3/64	AMERICAN R	
1963			13,102.8	71.2	64.7- 75.5	1- 3/64	AMERICAN R	
1963			2,413.1	2.4	0.4- 25.1	4-11/64	AMERICAN R	
1964	974,279		2,622.2	25.1	23.8- 26.6	1/65	AMERICAN R	
1964	104,139		2,908.7	4.2	0.1- 17.4	4-10/65	AMERICAN R	
1965	689,320		8,420.9	53.6	30.2- 64.7	2- 3/66	AMERICAN R	
1965			637.3	2.6	0.1- 8.0	4- 9/66	AMERICAN R	
1966	239,085		92.1	12.6	11.9- 13.3	3- 4/67	SACRAMENTO R	
1966	7,278		12,360.4	57.0	45.3- 90.7	2- 4/67	SACRAMENTO R	
1967	40,240		533.0	13.2	12.5- 14.1	10-11/67	AMERICAN R	
1967	7,590		104.3	13.7		3/68	SACRAMENTO R	
1967			12,609.9	60.0	50.3- 75.5	3/68	SACRAMENTO R	
1968	797,380		348.5	0.4		4- 6/68	AMERICAN R	
1968	62,400		589.7	9.4		9/68	AMERICAN R	
1968	28,310		852.8	30.1	28.3- 30.2	1/69	SACRAMENTO R	
1968			15,063.8	72.2	50.3- 56.6	3/69	SACRAMENTO R	
1969	624,120		1,557.5	2.4	0.3- 13.7	5- 9/69	AMERICAN R	
1969			24,443.5	69.2	56.5-151.1	1- 7/70	AMERICAN R	
1969			997.9	53.3		3/70	SACRAMENTO R	
1970	383,535		196.0	0.5		5/70	AMERICAN R	
1970			23,828.5	60.5	45.3- 75.5	1- 3/71	SACRAMENTO R	
1970	7,275		204.1	28.0	26.6- 28.3	3/71	SACRAMENTO R	
1970			3,583.4	59.5		4/71	SACRAMENTO R	
1971	1,144,280		6,269.1	5.4	0.2- 30.2	4-10/71	AMERICAN R	
1971			33,661.1	66.8	50.3- 90.7	1- 3/72	SACRAMENTO R	
1971	23,200		453.6	19.5		12/71	AMERICAN R	
1971			3,447.3	49.9	45.3- 56.6	3/72	SACRAMENTO R	
1972	1,112,675		9,736.8	8.7	0.1- 45.3	4-10/72	AMERICAN R	
1972			32,227.7	90.7	75.5-151.1	1- 3/73	SACRAMENTO R	
1973			31,762.8	78.3		1- 3/74	SACRAMENTO R	
1973			12,349.1	87.1		2/74	SACRAMENTO R	
1974	98,095		261.7	2.6	0.4- 10.0	6-10/74	SACRAMENTO R	

TABLE 375.--CALIFORNIA
TRINITY HATCHERY - CALIFORNIA DEPARTMENT OF FISH AND GAME
RELEASE OF- FALL CHINOOK SALMON.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1959-62	-	-	-	-	-	-	-	-
1963	350,000	-	158.3	0.4	0.4	3/64	TRINITY	TRINITY
1963	-	4,354,900	3,651.4	0.8	0.8	5/64	TRINITY	TRINITY
1964	-	7,371,300	3,216.8	0.4	0.4	4/65	TRINITY	TRINITY
1964	-	-	240.8	2.4	2.4	5/65	TRINITY	TRINITY
1965	1,300,000	100,000	614.2	0.4	0.4	4/66	TRINITY	TRINITY
1966	2,873,600	-	1,164.8	0.4	0.4	3- 5/67	KLAMATH R	KLAMATH R
1967	-	2,109,400	2,164.5	1.0	1.0	5/68	TRINITY	TRINITY
1968	-	4,252,000	14,950.9	3.5	3.5	6/69	TRINITY	TRINITY
1969	-	1,270,230	4,536.6	3.5	3.5	7/70	TRINITY	TRINITY
1969	-	750,000	25,014.3	33.3	33.3	11/70	TRINITY	TRINITY
1970	-	1,665,494	5,328.8	3.1	3.1	6/71	TRINITY	TRINITY
1971	-	1,463,550	5,488.5	3.7	3.7	6/72	TRINITY	TRINITY
1971	-	700,009	14,952.7	21.3	21.3	10/72	TRINITY	TRINITY
1971	-	345,180	10,784.2	31.2	31.2	3/73	TRINITY	TRINITY
1972	-	937,940	3,052.7	3.2	3.2	6/73	TRINITY	TRINITY
1972	-	487,879	12,519.1	30.6	30.6	11/73	TRINITY	TRINITY
1972	-	317,000	14,777.6	46.6	46.6	1/74	TRINITY	TRINITY
1973	-	248,190	9,152.6	36.9	36.9	11/74	TRINITY	TRINITY
1973	-	205,465	12,360.4	60.1	60.1	3/75	TRINITY	TRINITY
1974	-	914,650	3,560.7	3.8	3.8	6/75	TRINITY	TRINITY
1974	-	157,438	5,561.0	35.3	35.3	10/75	TRINITY	TRINITY
1975	-	2,557,000	10,348.3	4.0	4.0	5/76	TRINITY	TRINITY
1975	-	659,500	27,020.0	40.9	40.9	9-11/76	TRINITY	TRINITY

TABLE 376.--CALIFORNIA
TRINITY HATCHERY
RELEASE OF-- SPRING CHINOOK SALMON.

BR000 YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1958-62	-	-	-	-	-	-	-	-
1963		300,800	4,725.1	15.7		10/64	TRINITY	
1964		224,548	5,786.9	25.7		10/65	TRINITY	
1965	0	0	0					
1966		52,185	2,170.0	41.5		3/68	TRINITY	
1967		401,900	12,400.3	30.8		11-12/68	TRINITY	
1967		116,500	7,714.7	66.2		4/69	TRINITY	
1968		500,800	16,316.2	32.6	26.6- 32.3	10/69	TRINITY	
1969		0	0					
1970		330,373	14,691.9	44.4		11/71	TRINITY	
1971		135,165	4,275.1	31.6		10/72	TRINITY	
1971		121,675	8,958.4	73.6		3/73	TRINITY	
1972	2,841,170		10,108.3	3.5		5/73	TRINITY	
1972	4,827,350		22,430.1	4.6		5- 6/73	TRINITY	
1972		89,375	3,685.4	41.2		10/73	TRINITY	
1972		132,000	7,983.2	60.4		1/74	TRINITY	
1973	798,376		3,965.3	4.9		5- 6/74	TRINITY	
1973		157,800	5,862.7	37.1		11/74	TRINITY	
1973		109,418	7,620.4	69.6		3/75	TRINITY	
1974	838,075		6,563.5	7.8		6/75	TRINITY	
1974		193,880	7,325.5	37.7		10/75	TRINITY	
1974		257,830	17,576.7	68.1		1/76	TRINITY	
1975	1,535,000		6,142.1	4.0		5/76	TRINITY	
1975		230,500	8,904.9	38.6		9-10/76	TRINITY	
1975		39,008	2,313.3	59.3		11/76	SF TRINITY	
1975		94,710	5,579.2	58.9		11/76	TRINITY	

SF TRINITY R

TABLE 377.--CALIFORNIA
TRINITY HATCHERY
RELEASE OF-- COHO SALMON.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION	RELEASE LOCATION
1958-62	-	-	-	-	-	3-	4/65	TRINITY	
1963		574,600	13,155.5	22.8			1/66	TRINITY	
1964		38,900	1,979.9	50.8			4/67	TRINITY	
1965		614,700	17,762.7	28.8			4/68	TRINITY	
1966		684,265	25,185.7	36.8			11/68	TRINITY	
1967		62,700	1,496.9	23.8			3/69	TRINITY	
1967		729,145	25,491.9	34.9			3/70	TRINITY	
1968		452,760	15,032.1	33.2			2/71	TRINITY	
1969		395,430	16,987.0	42.9			6/71	TRINITY	
1970	1,084,254		2,989.2	2.7			12/71	TRINITY	
1970		43,776	2,000.3	45.6			3/72	TRINITY	
1970		465,216	20,116.8	43.2			3/73	TRINITY	
1971		9,829	377.8	38.4			3/74	TRINITY	
1972		10,620	603.3	32.4			4/74	TRINITY	
1973	2,872,117		1,967.2	0.6			3/75	TRINITY	
1973		252,905	13,755.2	54.3			3/76	TRINITY	
1974		31,880	1,451.5	45.5					

TABLE 376.--CALIFORNIA
TRINITY HATCHERY
RELEASE OF-- STEELHEAD TROUT.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1959-62	-	-	-	-	-	-	-	-
1963	M	293,500	14,738.6	50.2		4/64	TRINITY	
1964	M	570,000	3,778.8	6.6		4/65	TRINITY	
1965	M	6,797,044	4,416.2	0.6		3- 8/65	TRINITY	
1965	M	630,257	5,071.2	8.0		4- 5/66	TRINITY	
1965	M	559,745	45,239.9	80.8		11/66	TRINITY	
1965	M	168,694	10,202.2	60.4		2- 4/67	TRINITY	
1966	M	100,000	1,049.2	10.4		5/67	TRINITY	
1966	M	12,503	1,012.0	80.9		4/67	TRINITY	
1966	M	75,185	5,765.2	76.6		11/67	TRINITY	
1966	M	557,651	36,271.5	65.0		3- 4/68	TRINITY	
1967	M	2,260	49.9	22.8		4/68	TRINITY	
1967	M	58,000	5,688.0	113.7		11/68	TRINITY	
1967	M	45,500	10,703.9	235.2		5/69	TRINITY	
1967	M	1,300	737.1	567.0		9/69	TRINITY	
1968	M	25,000	1,927.8	77.1		5/69	TRINITY	
1968	M	1,800	612.3	340.1		9/69	TRINITY	
1968	M	146,900	10,895.2	68.7		11/69	TRINITY	
1969	M	458,020	27,573.4	60.2	32.3- 56.6	4- 5/70	TRINITY	
1969	M	146,318	24,584.3	168.0		10/70	TRINITY	
1970	M	157,588	3,683.6	23.3	4.5- 26.6	5/71	TRINITY	
1970	M	317,340	20,048.3	63.1	34.8- 90.7	4- 5/71	TRINITY	
1970	S	73,360	4,794.5	65.3		5/71	TRINITY	
1971	M	500	9.1	18.2		1/72	TRINITY	
1971	M	73,855	1,769.0	23.9	19.7- 30.2	4/72	TRINITY	
1971	M	481,741	43,272.7	89.8	41.2- 113.3	3- 4/72	TRINITY	
1971	S	65,810	3,436.0	52.2	32.3- 75.5	4/72	TRINITY	
1972	M	204,345	5,010.4	24.5	15.1- 30.2	4/73	TRINITY	
1972	S	9,300	140.6	15.1		4/73	TRINITY	
1972	M	350,814	17,522.7	49.9	32.3- 90.7	3- 4/73	TRINITY	
1972	S	16,985	642.7	37.8	21.5- 64.7	4/73	TRINITY	
1973	M	407,812	18,150.5	44.5		5/74	TRINITY	
1974	M	208,500	1,576.2	7.5		3/75	TRINITY	
1974	M	17,952	1,386.2	77.2		5- 6/75	TRINITY	
1974	M	128,110	14,399.7	112.4		4/76	TRINITY	
1975	M	389,467	24,576.1	63.1		4- 5/76	TRINITY	

--" INDICATES HATCHERY NOT IN OPERATION

TABLE 379.--CALIFORNIA
TALMADGE POND
RELEASE OF- STEELHEAD TROUT.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION	RELEASE LOCATION
1959-71	-	-	-	-	-	-	-	-	-
1972	W	29,340	1,663.3	56.6		4- 5/73	RUSSIAN R		
1973	W	49,050	2,245.3	45.7		5/74	RUSSIAN R		
1974	W	27,000	1,224.7	45.3		5/75	EEL R		
1974	W	4,385	1,325.9	302.3		4/76	EEL R		

TABLE 380.--CALIFORNIA
PRAIRIE CREEK HATCHERY - HUMBOLDT COUNTY- CALIFORNIA
RELEASE OF- FALL CHINOOK SALMON.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1959-62	0	0	0					
1963		4,676	24.5	5.2		5/64	REDWOOD CR	
1964		9,997	53.5	5.3		7/65	PRAIRIE CR	
1965		84,615	724.4	8.5		8/66	REDWOOD CR	
1966		1,058,768	5,088.7	4.7	3.6- 6.0	4- 5/67	REDWOOD CR	
1967		830,000	3,856.4	4.6	4.5- 9.0	7-10/68	REDWOOD CR	
1968		480,016	4,256.1	8.8	6.8- 9.4	5- 6/69	NCAL CSTL TRIB	
1969		465,000	2,683.6	5.5		5/78	NCAL CSTL TRIB	
1970		0	0					
1971		1,081,575	5,021.3	5.0	1.8- 5.6	4- 6/72	NCAL CSTL TRIB	
1972		0	0					
1973		1,380,000	4,219.8	3.2		4- 5/74	REDWOOD CR	
1973		6,795	228.6	33.6		11/74	REDWOOD CR	
1974		754,440	4,559.5	6.0	4.7- 7.5	4- 5/75	FRESHWATER CR	PRAIRIE CR
1974		34,804	1,778.1	51.0		2/76	FRESHWATER CR	
1975		47,652	440.4	9.2		4/76	PRAIRIE CR	

TABLE 361.--CALIFORNIA
PRAIRIE CREEK HATCHERY - HUMBOLDT COUNTY- CALIFORNIA
RELEASE OF- COHO SALMON.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION	RELEASE LOCATION
1958-61	-	-	-	-	-	-	-	-	-
1962		7,872	425.0	53.9	45.3-113.3	1- 3/64	REDWOOD CR		
1963		25,815	1,023.3	40.9	37.7- 45.3	3- 5/65	REDWOOD CR		
1964		53,063	2,188.1	41.2		4/66	REDWOOD CR		
1965		55,034	1,862.0	33.8		6/67	REDWOOD CR		
1966		101,004	3,817.9	37.7		5/68	REDWOOD CR		
1967			18.1	8.3		2/68	REDWOOD CR		
1967	50,000	95,350	4,325.0	45.3		4/69	REDWOOD CR		
1968		27,000	816.5	30.2		5/70	NCAL CSTL TRIB		
1969		125,000	3,780.2	30.2		5/71	NCAL CSTL TRIB		
1970		146,025	4,014.3	27.4		1/72	NCAL CSTL TRIB		
1971		216,295	6,463.7	29.8		1/73	NCAL CSTL TRIB		
1972		78,500	3,236.8	41.2		18/73	NCAL CSTL TRIB		
1972		93,000	2,353.2	25.3		1/74	NCAL CSTL TRIB		
1972		83,000	2,353.2	28.3		1/74	REDWOOD CR		
1973		131,000	3,477.2	26.5		2- 3/75	COCHRAN CR		
1974		77,570	3,389.8	42.6		3/76	PRAIRIE CR		PRAIRIE CR

TABLE 382.--CALIFORNIA
PRAIRIE CREEK HATCHERY - HUMBOLDT COUNTY- CALIFORNIA
RELEASE OF- STEELHEAD TROUT.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION	RELEASE LOCATION
1959-70	0	0	0						
1971	W	1,880	170.6	90.7		7/72	PRAIRIE CR	STONE LAGOON	STONE LAGOON
1972	W	45,633	4,123.2	90.3		5- 8/73	REDWOOD CR	REDWOOD CR	
1973	W	136,842	5,683.5	41.5	17.4- 90.7	3- 7/74	PRAIRIE CR		
1974	W	38,630	666.8	17.2		4/75	STONE LAGOON	PRAIRIE CR	
1974	W	36,445	1,738.6	47.7		4- 5/75	EEL R		
1974	W	4,385	1,325.9	302.3		4/76	EEL R		
1974	W	2,580	263.5	105.4		12/76	STONE LAGOON		
1975	W	81,620	538.9	6.6		11/75	STONE LAGOON		
1975	W		3,045.0	70.8		4/76	PRAIRIE CR		

TABLE 363.--CALIFORNIA
PRAIRIE CREEK HATCHERY - HUMBOLDT COUNTY- CALIFORNIA
RELEASE OF- SEARUN CUTTHROA TROUT

BR000 YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1958-60	0	0	0					
1961	0	1,916	195.0	101.7	90.7-113.3	5- 6/62	NCAL CSTL TRIB	
1962	0	0	0					
1963		2,743	399.2	145.5		5- 6/64	NCAL CSTL TRIB	
1964		6,785	496.7	73.2	56.5- 90.7	5- 8/65	NCAL CSTL TRIB	
1965		10,696	1,188.9	111.1	56.5-151.1	5- 9/66	NCAL CSTL TRIB	
1966		7,590	903.1	118.9	75.5-226.7	5- 8/67	NCAL CSTL TRIB	
1967		5,336	567.9	106.4	75.5-151.1	5-10/68	NCAL CSTL TRIB	
1968		3,144	581.5	184.9	113.3-453.5	1- 5/69	NCAL CSTL TRIB	
1969		55,000	1,701.0	30.9		5/70	NCAL CSTL TRIB	
1970	0	0	0					
1971		800	67.1	83.8	64.7- 98.7	7- 9/72	NCAL CSTL TRIB	
1972		962	253.6	263.6		6/73	REDWOOD CR	
1973		6,150	353.8	57.5	34.8- 75.5	3- 4/75	PRAIRIE CR	STONE LAGOON
1974		4,260	547.8	128.4		4- 5/76	PRAIRIE CR	

TABLE 384.--CALIFORNIA
COCHRAN CREEK POND - HUMBOLDT COUNTY- CALIFORNIA
RELEASE OF- FALL CHINOOK SALMON.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1959-67	-	-	-	-	-	-	-	-
1968	-	50,000	283.5	5.6	-	5/69	FRESHWATER CR	-
1969	-	100,000	453.6	4.5	-	5/70	FRESHWATER CR	-
1970	-	200,000	907.2	4.5	-	5/71	FRESHWATER CR	-
1971	-	234,000	1,086.6	4.6	-	5/72	FRESHWATER CR	-

-- INDICATES HATCHERY NOT IN OPERATION

TABLE 385.--CALIFORNIA
COCHRAN CREEK POND
RELEASE OF- COHO SALMON. - HUMBOLDT COUNTY- CALIFORNIA

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1958-66	-	-	-	-	-	-	-	-
1967-69	0	0	0	0	0	1- 2/72	COCHRAN CR	FRESHWATER CR
1970		70,270	2,449.4	34.8	34.8	3/73	FRESHWATER CR	
1971		105,025	2,483.4	23.6	23.6			
1972	0	0	0	0	0	3/75	COCHRAN CR	
1973		100,000	2,520.2	25.2	25.2	2/76	FRESHWATER CR	
1974		34,884	1,778.1	51.0	51.0			

TABLE 386.--CALIFORNIA
PACIFIC LUMBER POND
RELEASE OF-- STEELHEAD TROUT.

BROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION
1959-71	-	-	-	-	-	5/73	EEL R	
1972 W		6,970	465.8	66.8		4/74	EEL R	
1973 W		61,410	2,010.5	32.8				

--" INDICATES HATCHERY NOT IN OPERATION

ALASKA DEPARTMENT OF FISH AND GAME

NATIONAL MARINE FISHERIES SERVICE
LITTLE PORT WALTER

CANADIAN FISHERIES AND MARINE SERVICE

COASTAL WASHINGTON

WASHINGTON DEPARTMENT OF FISH

WASHINGTON DEPARTMENT OF GAME
ABERDEEN HATCHERY

[illegible]

[illegible]

APPENDIX TABLE 1.--CONT.

	FALL CHINOOK	SPRING CHINOOK	SUMMER CHINOOK	COHO	CHUM	PINK	SOCKEYE	CHERRY	STEELHEAD TROUT	SEARUN CUTTHROAT
TUCCANON HATCHERY VANCOUVER HATCHERY WELLS TROUT HATCHERY YAKIMA HATCHERY ALDER CREEK POND GORAR REARING POND NELSON BRIDGE POND RINGOLD TROUT POND SWOFFORD POND WASHBURN ISLAND POND									X	
COLUMBIA BASIN- IDAHO										
US FISH AND WILDLIFE SERVICE										
DWORSHAK HATCHERY		X							X	
KOOSKIA HATCHERY										
IDAHO DEPARTMENT OF FISH AND GAME										
EAGLE HATCHERY			X						X	
HAGERMAN HATCHERY		X	X						X	
HAYDEN CREEK HATCHERY		X							X	
MACKAY HATCHERY			X							
MCCALL HATCHERY			X							
MULLEN HATCHERY		X								
NIAGARA HATCHERY									X	
OXBOW HATCHERY									X	
PAHSIMEROI HATCHERY	X	X	X							
RAPID RIVER HATCHERY		X								
SANDPOINT HATCHERY		X								
DECKER POND		X								
COLUMBIA BASIN- OREGON										
US FISH AND WILDLIFE SERVICE										
EAGLE CREEK HATCHERY	X	X		X					X	
OREGON DEPARTMENT OF FISH AND WILDLIFE										
BIG CREEK HATCHERY	X			X	X				X	
BONNEVILLE HATCHERY	X			X	X				X	
CASCADE HATCHERY	X	X		X	X					
FALL RIVER HATCHERY		X		X						
GNAT CREEK HATCHERY	X	X		X						
HOOD RIVER HATCHERY				X						
KLASKANINE HATCHERY	X			X						
LEABURG HATCHERY		X		X						
MARION FORKS HATCHERY		X		X						
MCKENZIE HATCHERY		X		X						
METOLIUS HATCHERY		X		X						
OAKRIDGE HATCHERY		X		X						
OAK SPRINGS HATCHERY		X		X						
OXBOW HATCHERY		X		X						
ROARING RIVER HATCHERY	X									
ROUND BUTTE HATCHERY		X	X							
SANDY HATCHERY	X	X								
SOUTH SANTIAM HATCHERY	X	X		X						

Appendix Table 2.-- Selected Release Stream Groupings for Oregon
and Washington

Washington Coastal and Puget Sound

South Coastal- Cape Disappointment to Westport

North Coastal- Westport to Tatoosh Island

Strait of Juan de Fuca- Tatoosh Island to Port Townsend

Hood Canal- Inland of Hood Canal Bridge

South Puget Sound- South of Tacoma Narrows Bridge

Central Puget Sound- Tacoma Narrows Bridge to a line drawn between
Port Townsend, San de Fuca (on Whidby Island) and Stanwood

North Puget Sound- North of Stanwood plus the San Juan Islands

Columbia¹ Basin- Washington

Col R 1- Columbia River and tributaries from Cape Disappointment to
Longview Bridge

Col R 2- Columbia River and tributaries from Longview Bridge to
Bonneville Dam

Col R 3- Columbia River and tributaries from Bonneville Dam to
John Day Dam

Col R 4- Columbia River and tributaries from John Day Dam to Mouth
of Snake River (excluding Snake River)

Col R 6- Columbia River and tributaries from Mouth of Snake River
to Priest Rapids Dam (excluding Snake River)

Col R 7- Columbia River and tributaries from Priest Rapids Dam to
Rocky Reach Dam

Col R 8- Columbia River and tributaries above Rocky Reach Dam

Appendix Table 2.-- Cont.

Columbia Basin- Oregon

Col R 1- Columbia River and tributaries from Ft. Stevens to
Longview Bridge

Col R 2- Columbia River and tributaries from Longview Bridge to
Bonneville Dam (except Willamette River System)

Col R 3- Columbia River and tributaries form Bonneville Dam to
John Day Dam (except Deschutes River System)

Col R 4- Columbia River and tributaries from John Day Dam to
Oregon border

Oregon Coastal

North Coastal- Ft. Stevens to Yaquina Head

Central Coastal- Yaquina Head to Cape Arago

South Coastal- Cape Arago to Oregon-California border